

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012116\
 Data File : BF084582.D
 Acq On : 21 Jan 2016 14:52
 Operator : SJ/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jan 22 01:01:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	221791	20.00	ng	-0.07
21) Naphthalene-d8	8.05	136	909768	20.00	ng	-0.07
38) Acenaphthene-d10	9.80	164	428813	20.00	ng	-0.07
63) Phenanthrene-d10	11.29	188	783526	20.00	ng	-0.07
75) Chrysene-d12	13.92	240	557010	20.00	ng	-0.08
86) Perylene-d12	15.31	264	469539	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1110789	81.01	ng	-0.08
7) Phenol-d6	6.41	99	1294047	75.14	ng	-0.07
23) Nitrobenzene-d5	7.33	82	1234766	75.54	ng	-0.07
41) 2,4,6-Tribromophenol	10.59	330	328812	75.95	ng	-0.08
44) 2-Fluorobiphenyl	9.13	172	1914309	78.01	ng	-0.07
78) Terphenyl-d14	12.88	244	2050428	82.17	ng	-0.07

Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	241262	37.14	ng	# 78
3) Pyridine	2.98	79	511540	28.25	ng	# 68
4) n-Nitrosodimethylamine	2.92	42	275385	29.62	ng	# 72
6) Aniline	6.42	93	862859	34.25	ng	# 53
8) 2-Chlorophenol	6.54	128	615145	39.54	ng	91
9) Benzaldehyde	6.30	77	368330	32.85	ng	97
10) Phenol	6.42	94	688508	35.16	ng	# 71
11) bis(2-Chloroethyl)ether	6.50	93	546239m	36.01	ng	
12) 1,3-Dichlorobenzene	6.69	146	628032m	39.13	ng	
13) 1,4-Dichlorobenzene	6.77	146	615503	38.25	ng	97
14) 1,2-Dichlorobenzene	6.93	146	630612	40.92	ng	98
15) Benzyl Alcohol	6.91	79	493168	34.04	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	927600	33.58	ng	85
17) 2-Methylphenol	7.04	107	509848	39.10	ng	94
18) Hexachloroethane	7.28	117	255486	39.70	ng	92
19) n-Nitroso-di-n-propylamine	7.18	70	398240	34.16	ng	# 72
20) 3+4-Methylphenols	7.18	107	575971	37.58	ng	# 66
22) Acetophenone	7.17	105	862200	39.41	ng	97
24) Nitrobenzene	7.34	77	618356	37.30	ng	92
25) Isophorone	7.60	82	1194915	38.22	ng	97
26) 2-Nitrophenol	7.66	139	308306	40.86	ng	# 81
27) 2,4-Dimethylphenol	7.71	122	533421	34.92	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	707255	37.04	ng	# 96
29) 2,4-Dichlorophenol	7.92	162	522717	41.09	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	540361	41.14	ng	# 94
31) Naphthalene	8.08	128	1693436	41.03	ng	99
32) Benzoic acid	7.85	122	388636	40.65	ng	97
33) 4-Chloroaniline	8.12	127	663272	35.05	ng	98
34) Hexachlorobutadiene	8.19	225	292077	38.69	ng	98
35) Caprolactam	8.51	113	171998	40.10	ng	# 90
36) 4-Chloro-3-methylphenol	8.61	107	515614	36.18	ng	94
37) 2-Methylnaphthalene	8.76	142	1143970	38.61	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	492928	39.99	ng	98
40) Hexachlorocyclopentadiene	8.91	237	239992	32.25	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	348148	37.75	nq	92
43) 2,4,5-Trichlorophenol	9.08	196	343056	38.80	nq #	83
45) 1,1'-Biphenyl	9.23	154	1487910	43.66	nq	97
46) 2-Chloronaphthalene	9.25	162	1089686	40.71	nq	90
47) 2-Nitroaniline	9.36	65	356377	40.34	nq #	61
48) Acenaphthylene	9.66	152	1575172	39.83	nq	97
49) Dimethylphthalate	9.54	163	1271248	41.47	nq #	90
50) 2,6-Dinitrotoluene	9.60	165	284061	42.25	nq #	70
51) Acenaphthene	9.84	154	1039292	39.18	nq	97
52) 3-Nitroaniline	9.77	138	350853	42.11	nq #	75
53) 2,4-Dinitrophenol	9.87	184	150510	53.77	nq	92
54) Dibenzofuran	10.01	168	1394995	40.29	nq	92
55) 4-Nitrophenol	9.94	139	263458	43.56	nq	90
56) 2,4-Dinitrotoluene	10.00	165	338150	39.74	nq #	87
57) Fluorene	10.35	166	1094521	40.98	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	297111	39.36	nq	89
59) Diethylphthalate	10.24	149	1233053	40.79	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	499223	44.43	nq #	83
61) 4-Nitroaniline	10.37	138	284037	38.25	nq	94
62) Azobenzene	10.50	77	1261384	38.05	nq	86
64) 4,6-Dinitro-2-methylphenol	10.41	198	216158	45.35	nq	85
65) n-Nitrosodiphenylamine	10.46	169	949208	37.89	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	311810	36.97	nq #	76
67) Hexachlorobenzene	10.90	284	385716	40.64	nq #	92
68) Atrazine	11.00	200	337681	41.19	nq	92
69) Pentachlorophenol	11.09	266	202282	41.10	nq	98
70) Phenanthrene	11.31	178	1758921	42.92	nq	97
71) Anthracene	11.36	178	1590177	39.58	nq	99
72) Carbazole	11.52	167	1379858	35.13	nq	99
73) Di-n-butylphthalate	11.86	149	1914355	46.16	nq	98
74) Fluoranthene	12.49	202	1673689	39.09	nq	99
76) Benzidine	12.61	184	331384	16.59	nq	99
77) Pyrene	12.72	202	1659148	37.96	nq	99
79) Butylbenzylphthalate	13.35	149	721555	38.15	nq	88
80) Benzo(a)anthracene	13.91	228	1348389	41.23	nq	98
81) 3,3'-Dichlorobenzidine	13.87	252	476573	41.75	nq #	94
82) Chrysene	13.94	228	1301233	41.40	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	955415	39.98	nq #	93
84) Di-n-octyl phthalate	14.52	149	1627240	40.33	nq #	87
85) Indeno(1,2,3-cd)pyrene	16.65	276	1083805	43.50	nq	100
87) Benzo(b)fluoranthene	14.92	252	1186737m	38.64	nq	
88) Benzo(k)fluoranthene	14.95	252	1074462m	42.77	nq	
89) Benzo(a)pyrene	15.25	252	1048035	40.23	nq #	96
90) Dibenzo(a,h)anthracene	16.67	278	890038	39.70	nq #	95
91) Benzo(g,h,i)perylene	17.06	276	918217	39.55	nq	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.07 min

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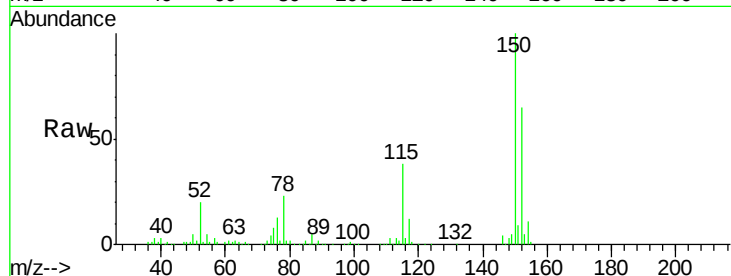
Tot Ion:152 Resp: 221791

Ion Ratio Lower Upper

152 100

150 153.8 123.0 184.4

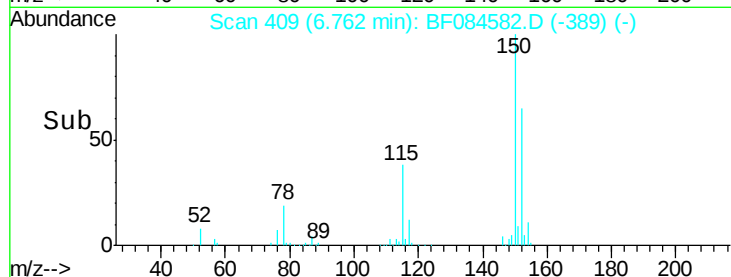
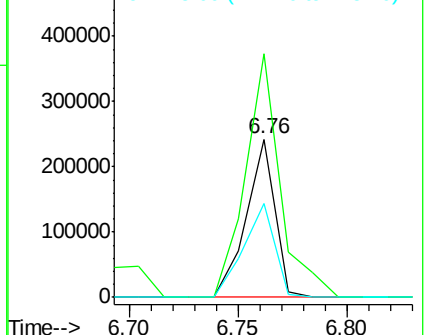
115 59.1 51.4 77.2



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: 37.14 ng

RT: 2.28 min Scan# 17

Delta R.T. -0.11 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

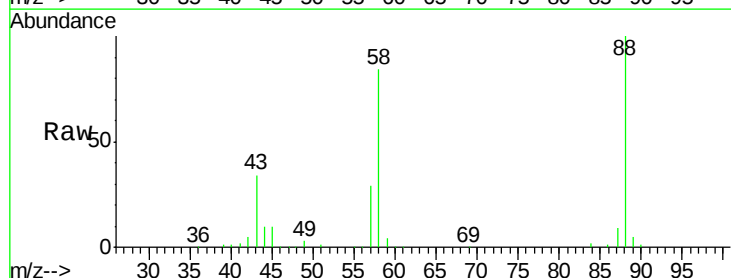
Tgt Ion: 88 Resp: 241262

Ion Ratio Lower Upper

88 100

58 82.6 51.2 76.8#

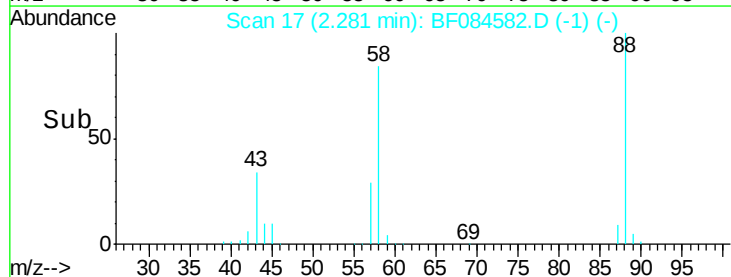
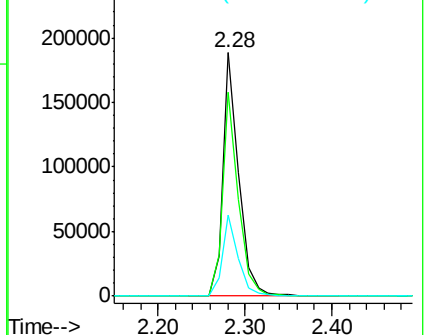
43 33.9 19.5 29.3#

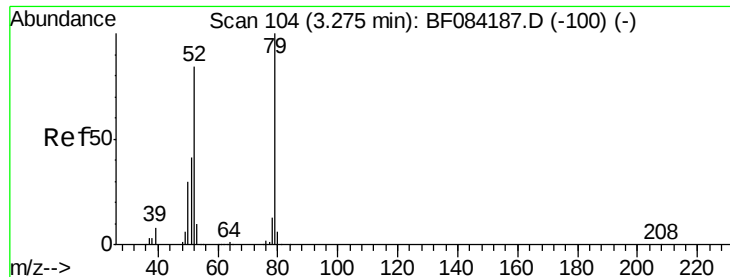


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.25 ng

RT: 2.98 min Scan# 78

Delta R.T. -0.15 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

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ClientSampleId :

SSTDCCC040EC

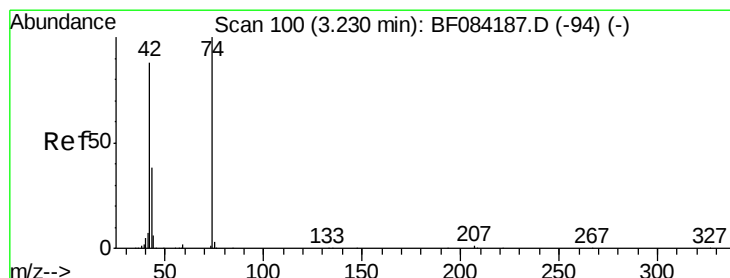
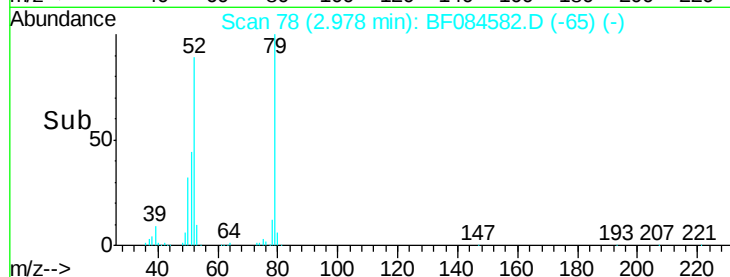
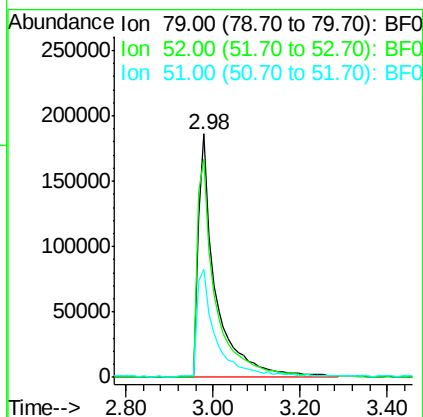
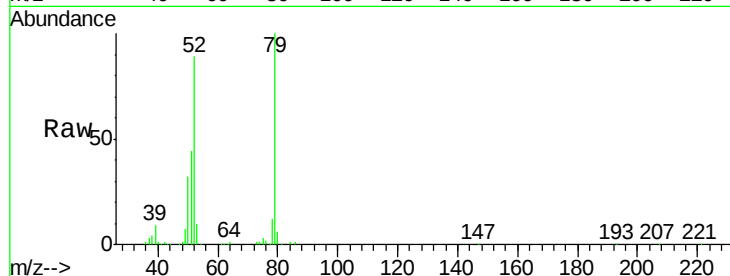
Tot Ion: 79 Resp: 511540

Ion Ratio Lower Upper

79 100

52 89.4 49.0 73.4#

51 44.1 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 29.62 ng

RT: 2.92 min Scan# 73

Delta R.T. -0.15 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

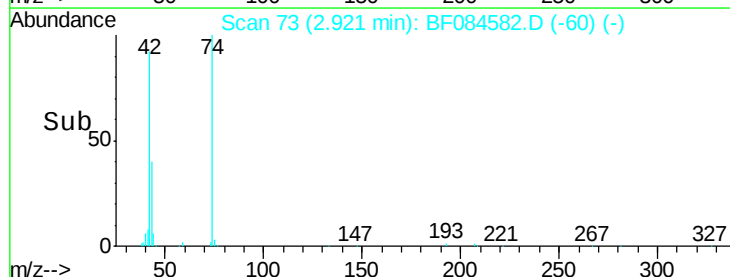
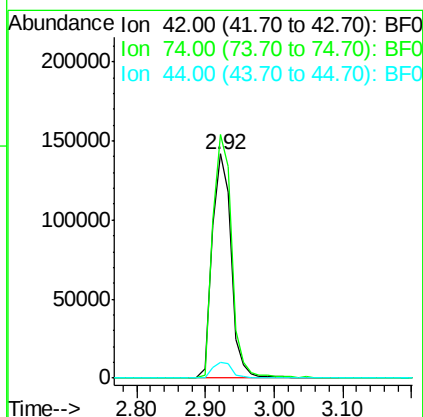
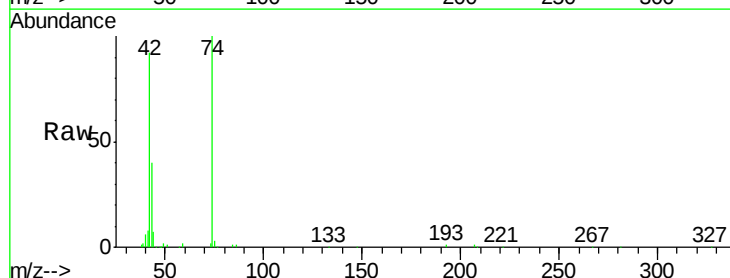
Tgt Ion: 42 Resp: 275385

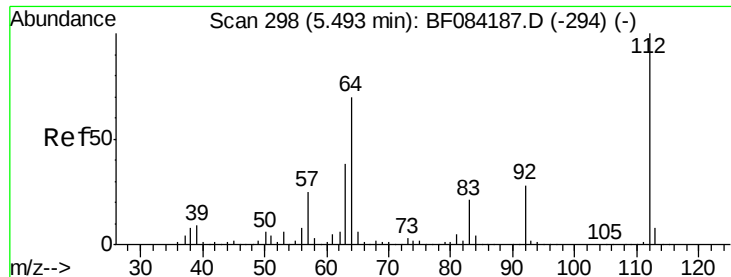
Ion Ratio Lower Upper

42 100

74 108.8 115.7 173.5#

44 7.2 5.1 7.7





#5

2-Fluorophenol

Concen: 81.01 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

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SSTDCCC040EC

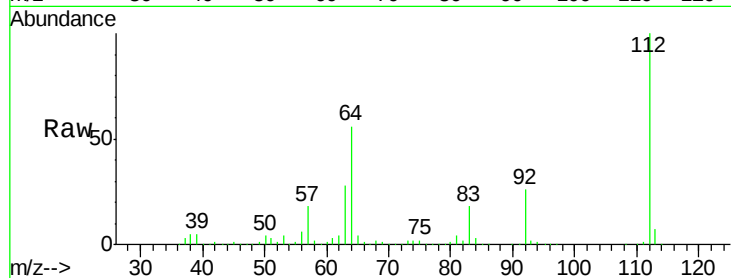
Tot Ion:112 Resp: 1110789

Ion Ratio Lower Upper

112 100

64 55.5 36.6 55.0#

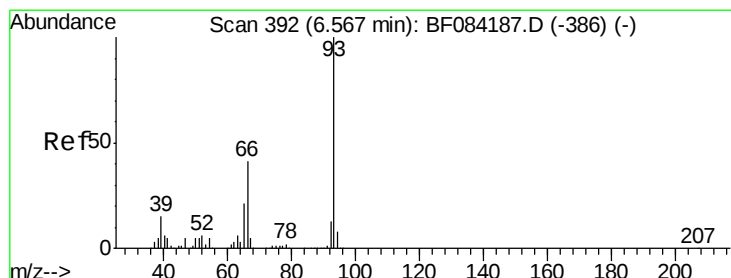
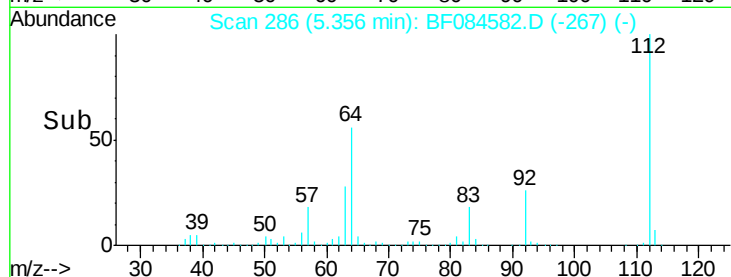
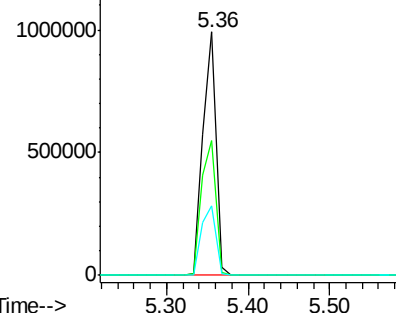
63 28.5 19.4 29.0



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: 34.25 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

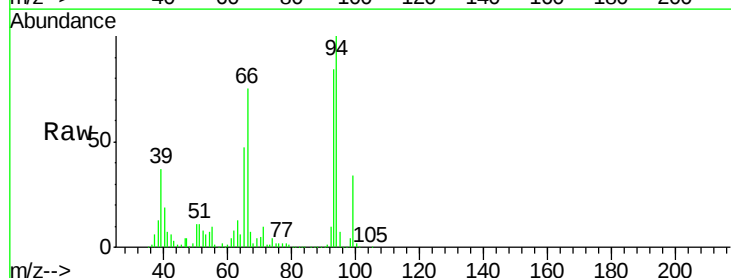
Tgt Ion: 93 Resp: 862859

Ion Ratio Lower Upper

93 100

66 89.1 44.9 67.3#

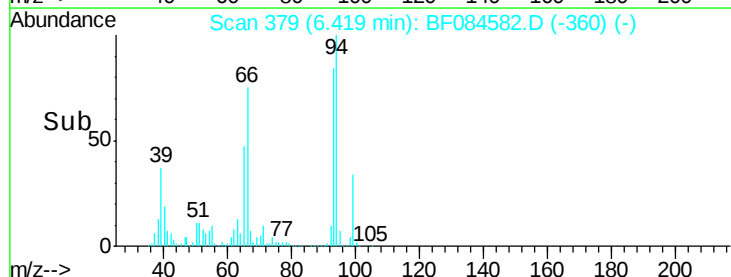
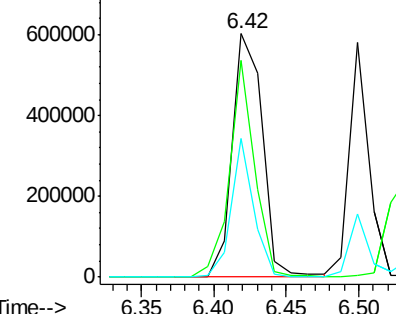
65 56.8 23.7 35.5#

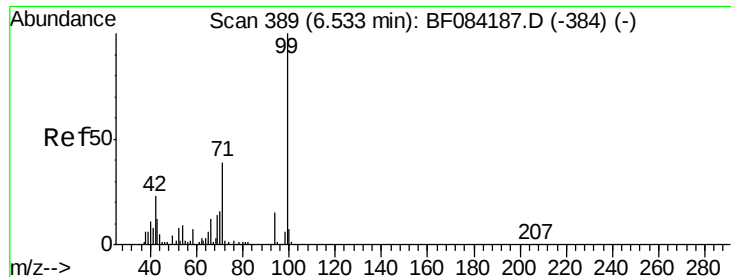


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.14 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.07 min

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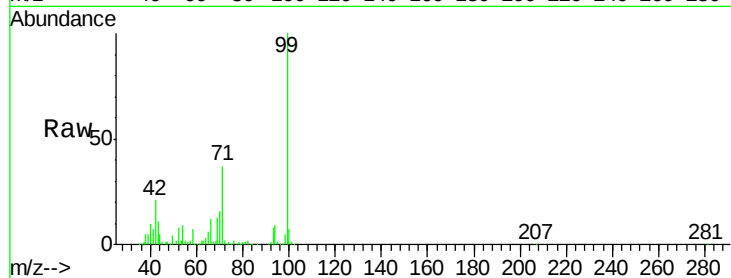
Tot Ion: 99 Resp: 1294047

Ion Ratio Lower Upper

99 100

42 20.5 12.8 19.2#

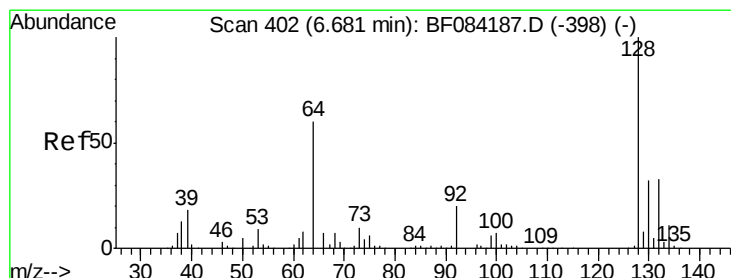
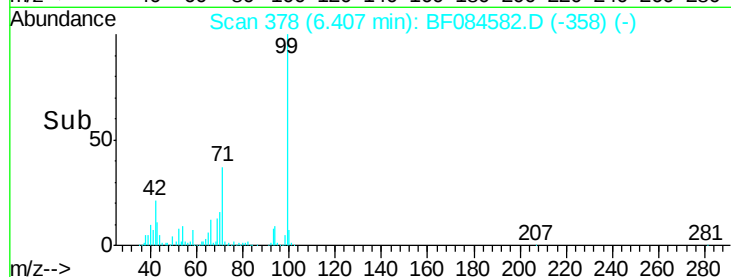
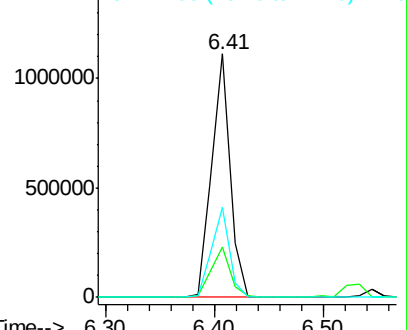
71 37.0 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.54 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

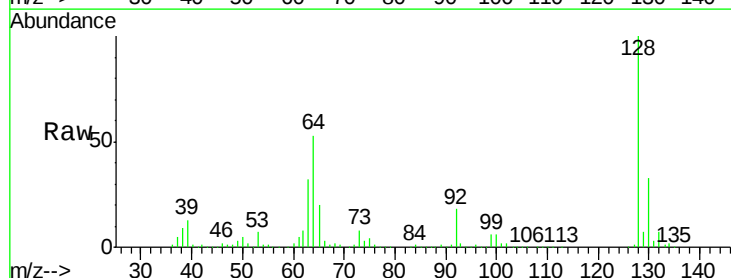
Tgt Ion:128 Resp: 615145

Ion Ratio Lower Upper

128 100

130 32.9 11.6 51.6

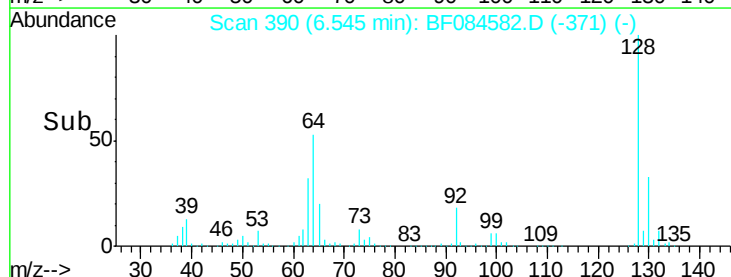
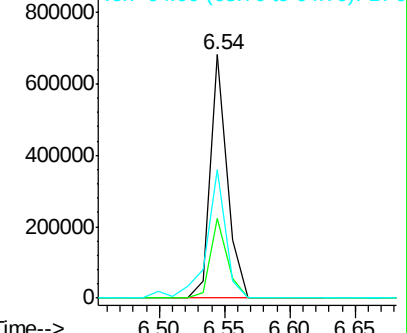
64 52.8 23.8 63.8

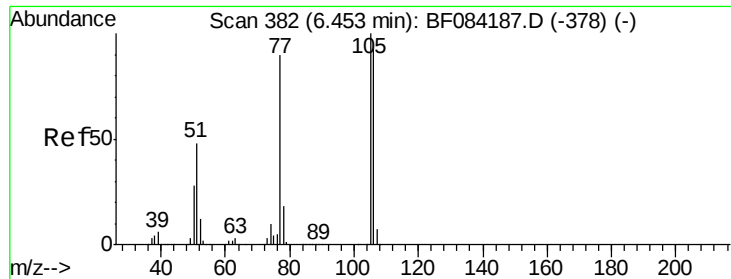


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.85 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

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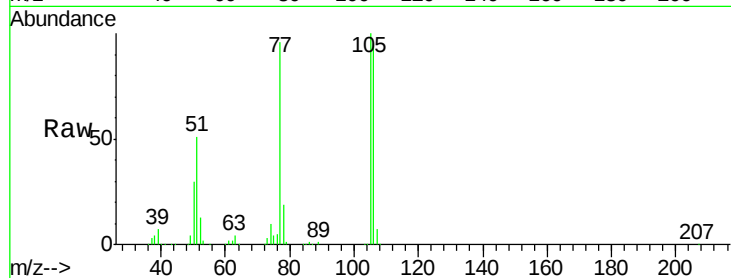
Tot Ion: 77 Resp: 368330

Ion Ratio Lower Upper

77 100

105 104.3 83.0 123.0

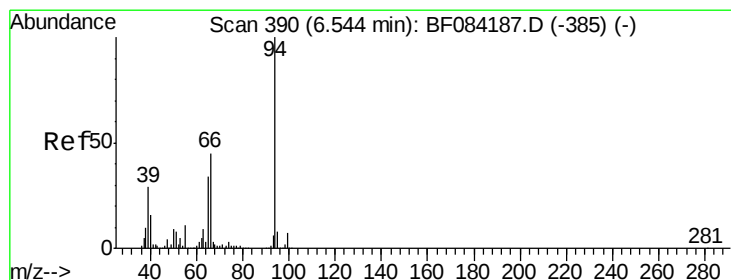
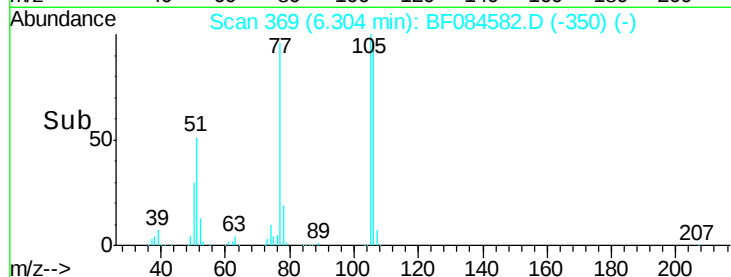
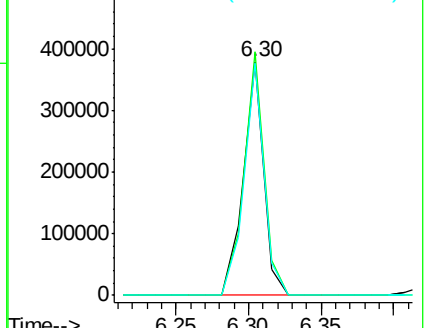
106 99.4 74.6 114.6



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: 35.16 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

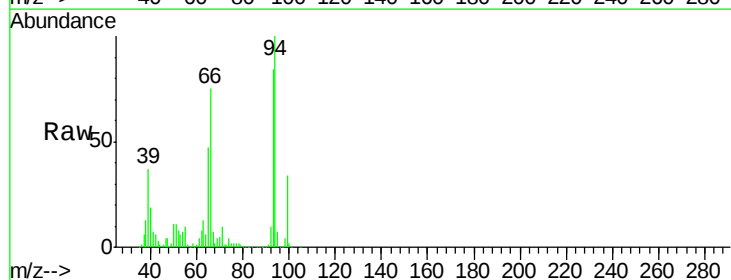
Tgt Ion: 94 Resp: 688508

Ion Ratio Lower Upper

94 100

65 47.5 12.9 52.9

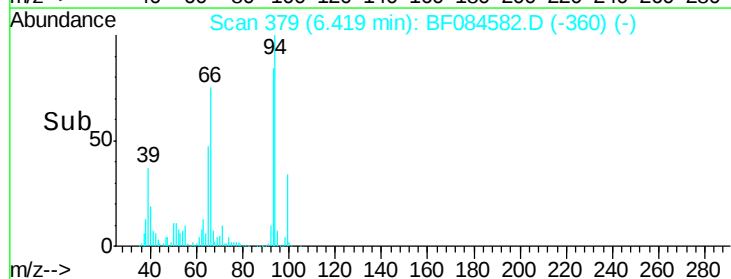
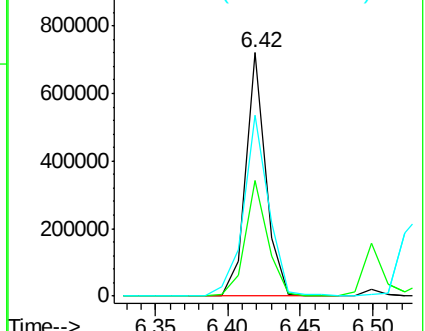
66 74.5 32.7 72.7#



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

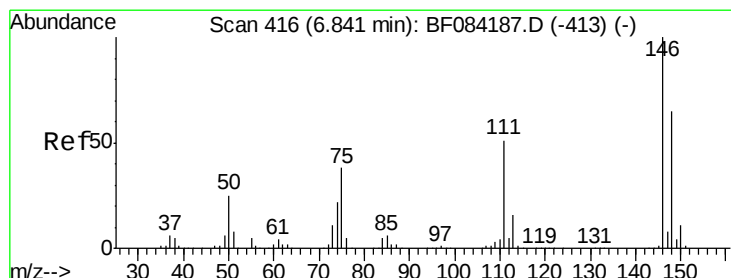
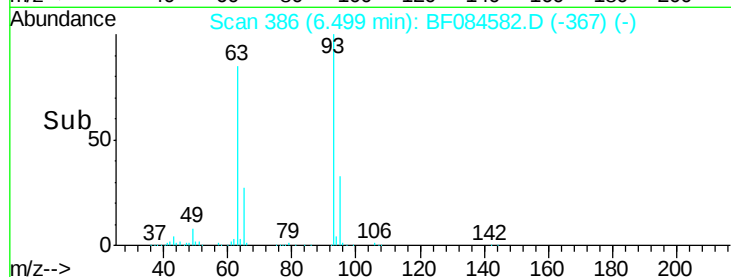
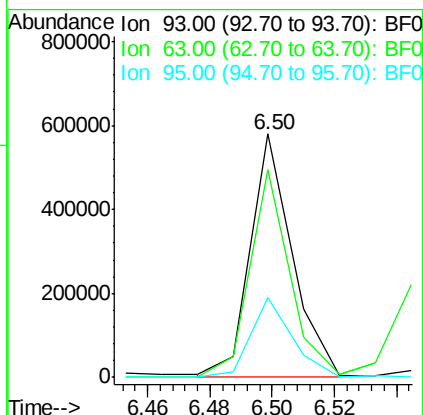
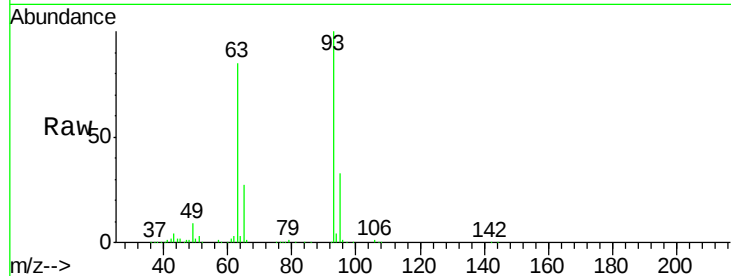




#11
bis(2-Chloroethyl)ether
Concen: 36.01 ng m
RT: 6.50 min Scan# 386
Delta R.T. -0.08 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

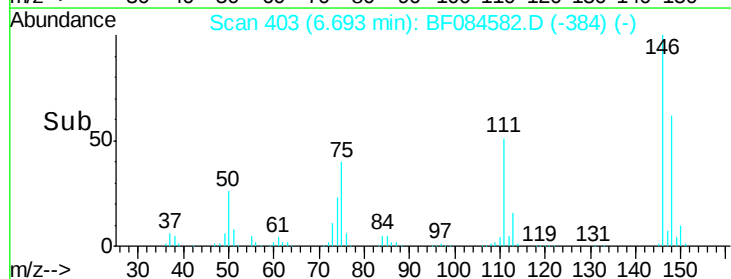
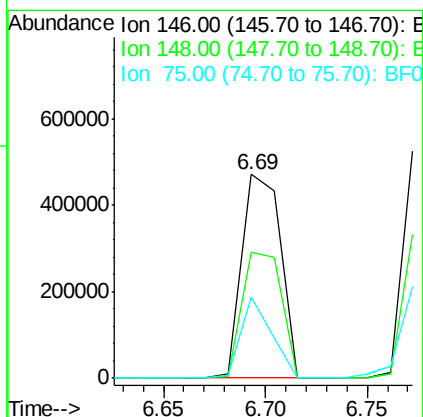
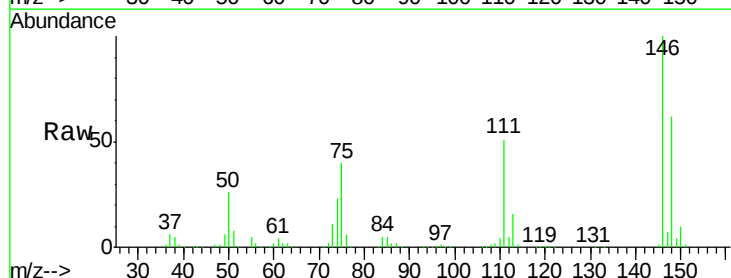
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

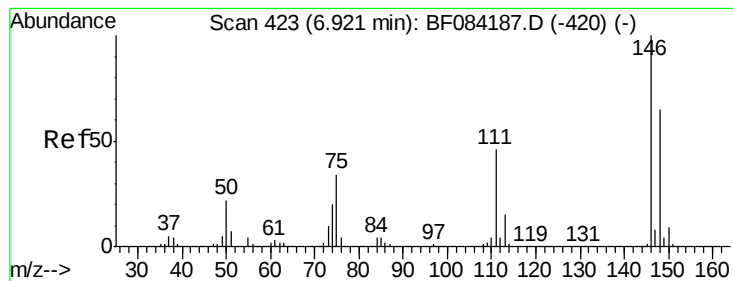
Tot Ion: 93 Resp: 546239
Ion Ratio Lower Upper
93 100
63 85.1 45.9 85.9
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.13 ng m
RT: 6.69 min Scan# 403
Delta R.T. -0.08 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Tgt Ion: 146 Resp: 628032
Ion Ratio Lower Upper
146 100
148 62.1 51.9 77.9
75 39.9 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 38.25 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

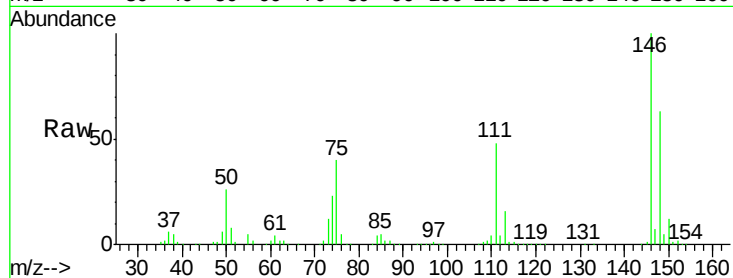
Tot Ion:146 Resp: 615503

Ion Ratio Lower Upper

146 100

148 63.2 51.9 77.9

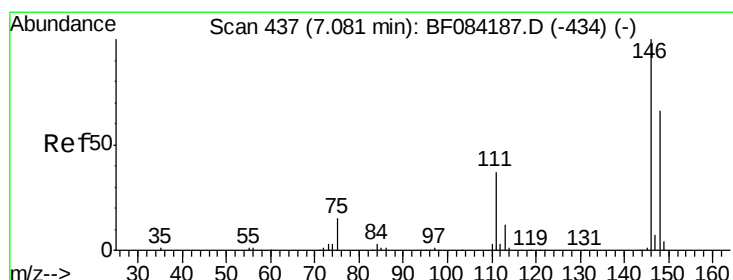
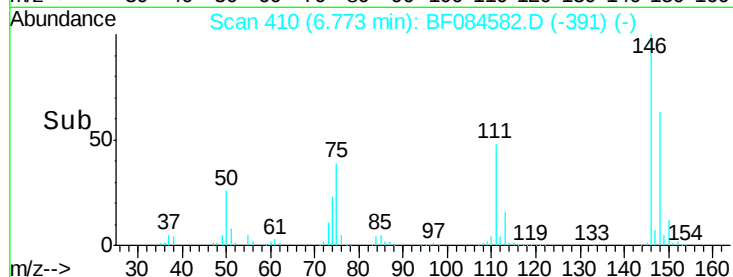
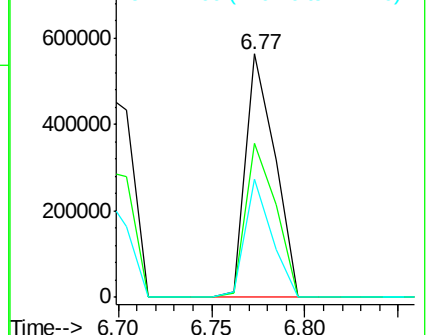
111 48.5 41.6 62.4



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: 40.92 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

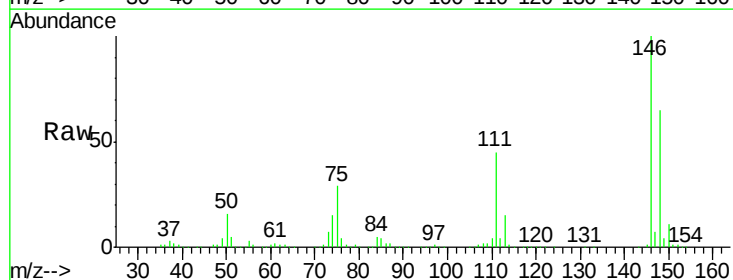
Tgt Ion:146 Resp: 630612

Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

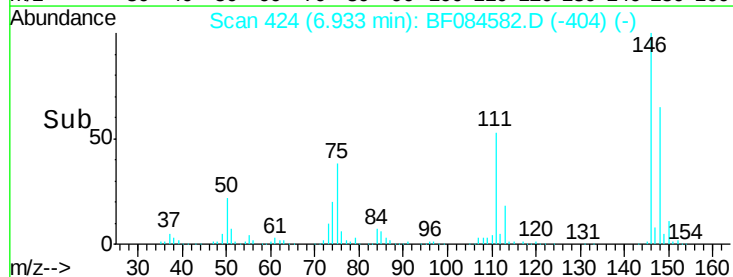
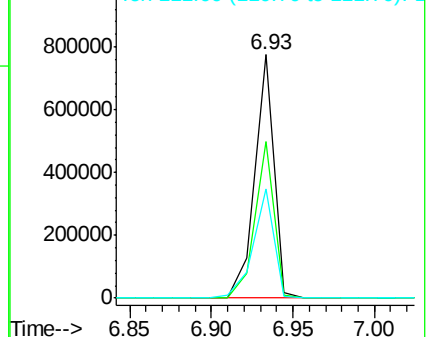
111 44.6 38.0 57.0

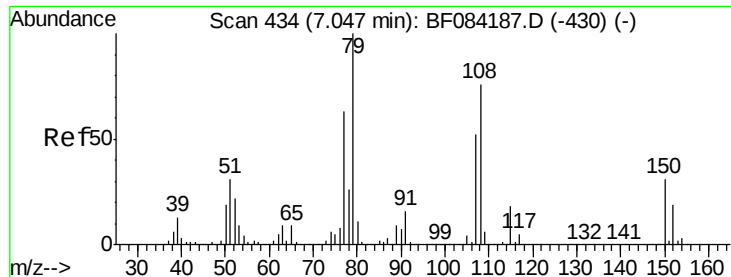


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.04 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

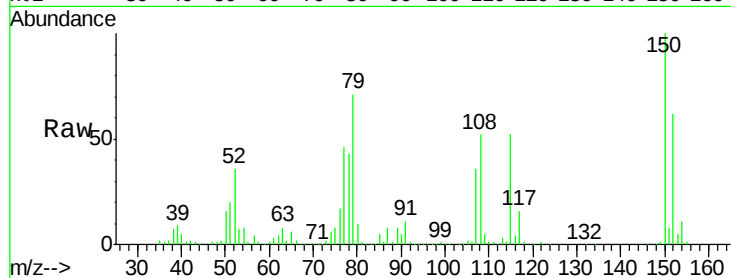
Tot Ion: 79 Resp: 493168

Ion Ratio Lower Upper

79 100

108 73.8 69.0 103.4

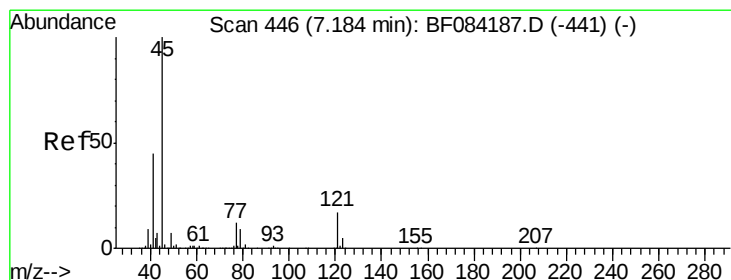
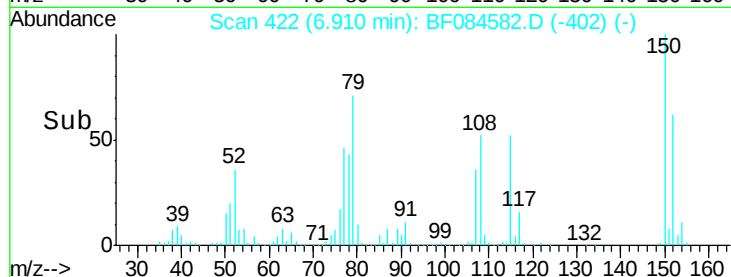
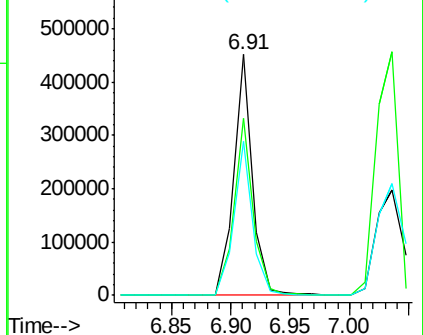
77 64.2 50.0 75.0



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: 33.58 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

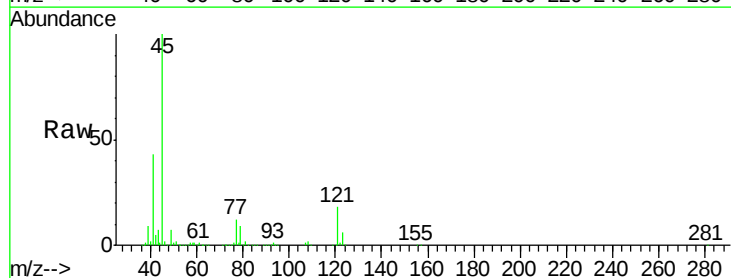
Tgt Ion: 45 Resp: 927600

Ion Ratio Lower Upper

45 100

77 12.3 0.0 39.6

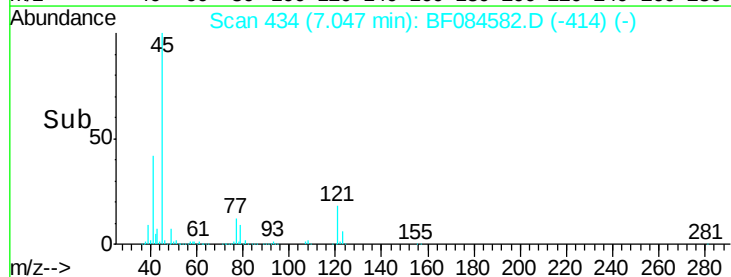
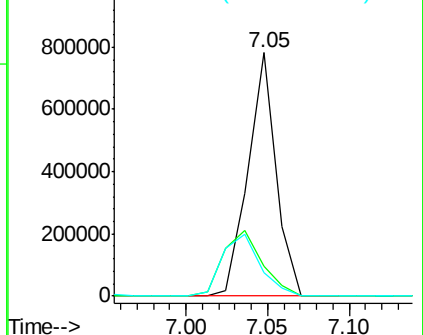
79 9.5 0.0 35.0

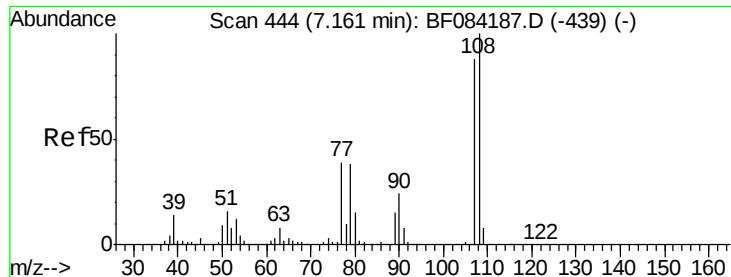


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

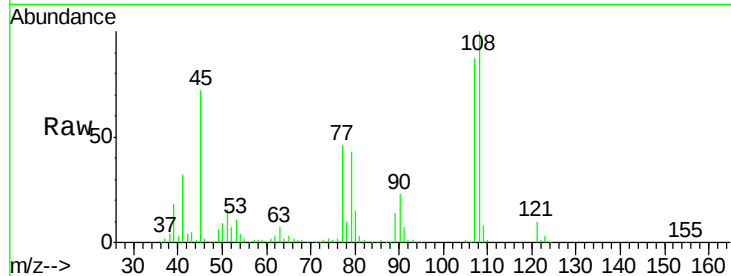




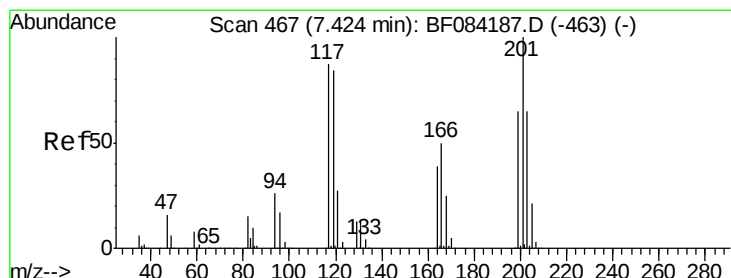
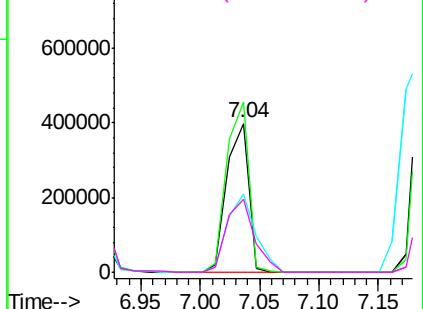
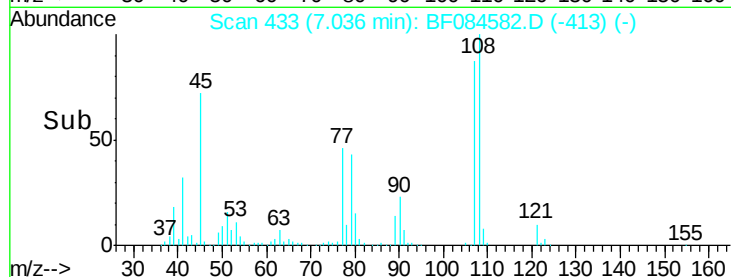
#17
2-Methylphenol
Concen: 39.10 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:107 Resp: 509848
Ion Ratio Lower Upper
107 100
108 114.6 89.8 134.6
77 52.5 35.7 53.5
79 49.4 35.7 53.5

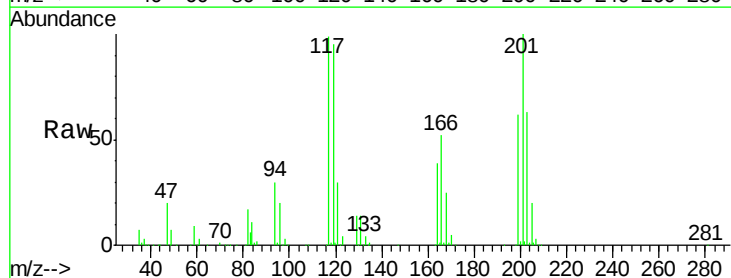


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

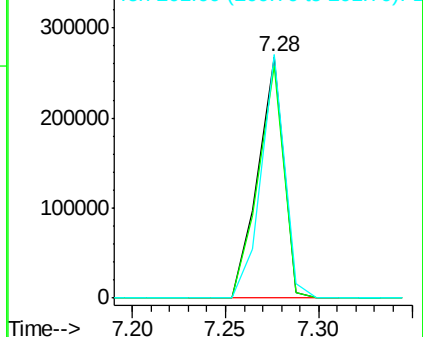
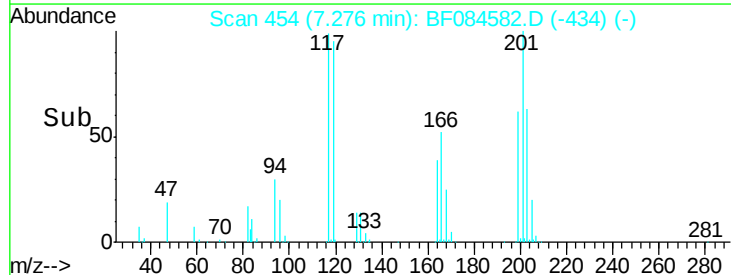


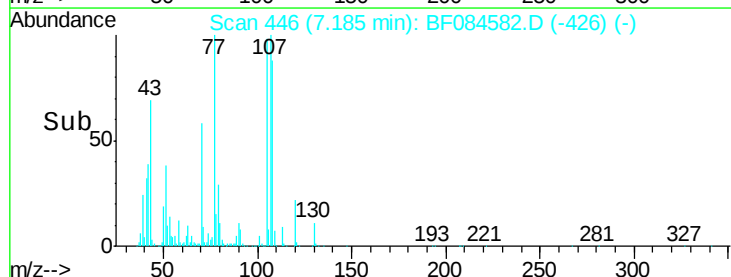
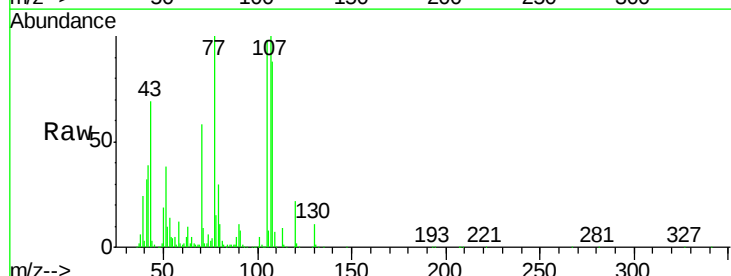
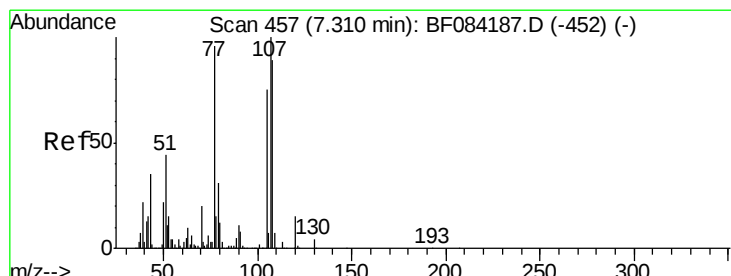
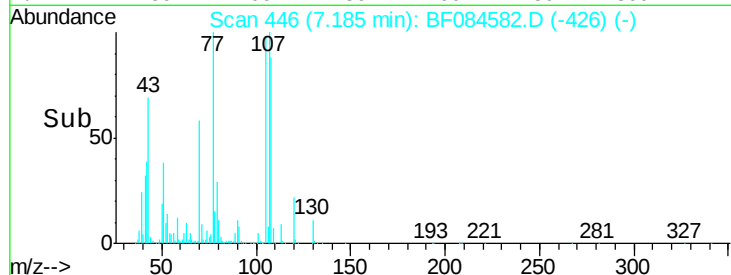
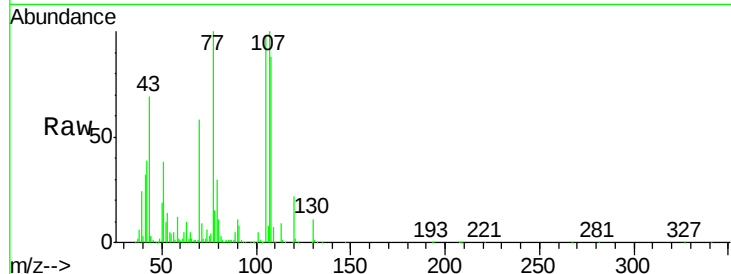
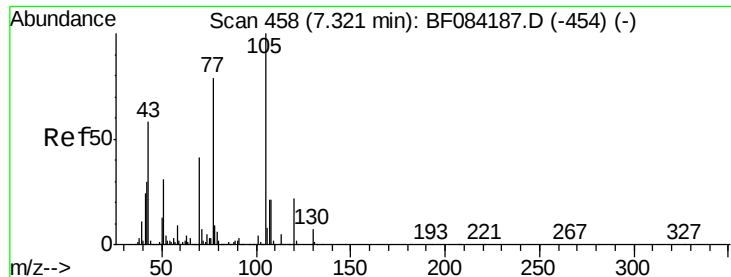
#18
Hexachloroethane
Concen: 39.70 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Tgt Ion:117 Resp: 255486
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0
201 101.0 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

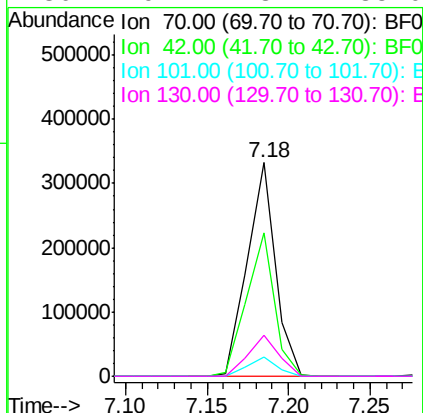




#19
n-Nitroso-di-n-propylamine
Concen: 34.16 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

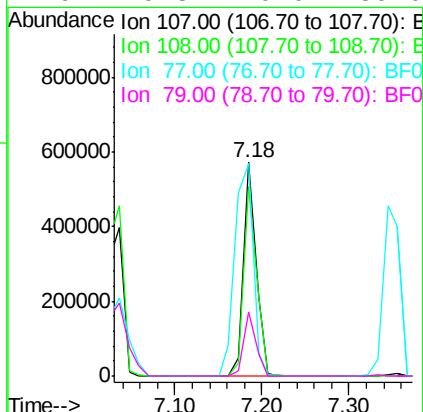
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.9	33.3	49.9#
101	9.2	9.3	13.9#
130	19.4	23.4	35.0#



#20
3+4-Methylphenols
Concen: 37.58 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	74.6	114.6
77	99.6	0.7	40.7#
79	29.8	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 909768

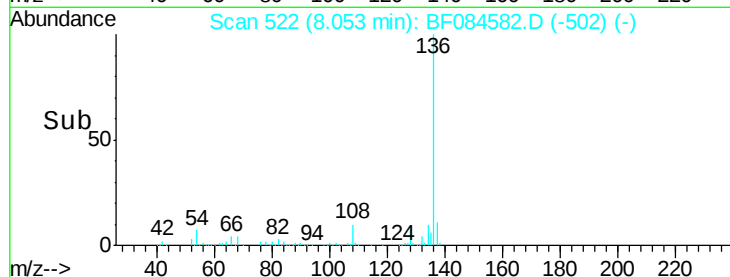
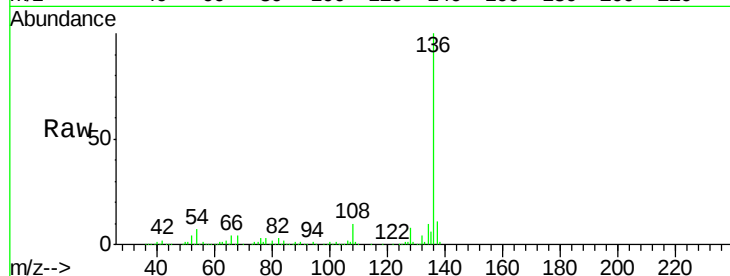
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.8 5.8 8.8

68 3.8 4.2 6.2#

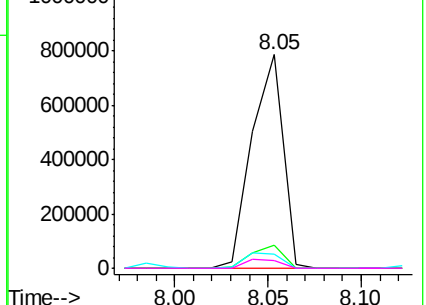


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.41 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Tgt Ion:105 Resp: 862200

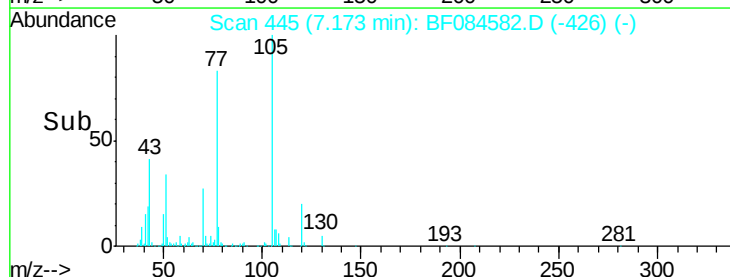
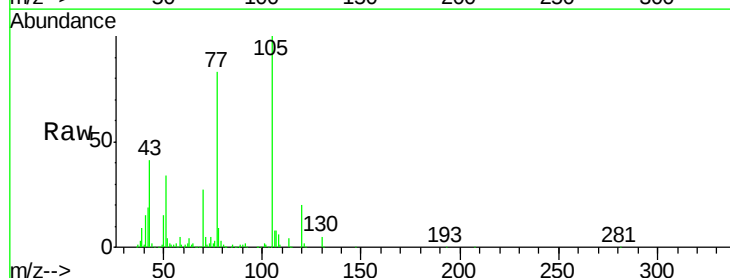
Ion Ratio Lower Upper

105 100

71 4.6 3.7 5.5

51 34.4 25.1 37.7

120 20.3 16.6 25.0

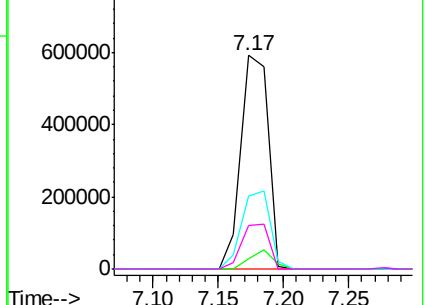


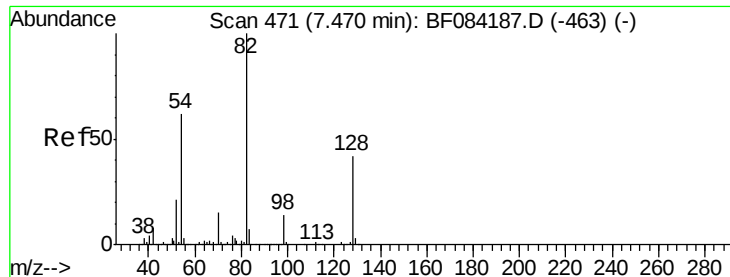
Abundance Ion 105.00 (104.70 to 105.70): E

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

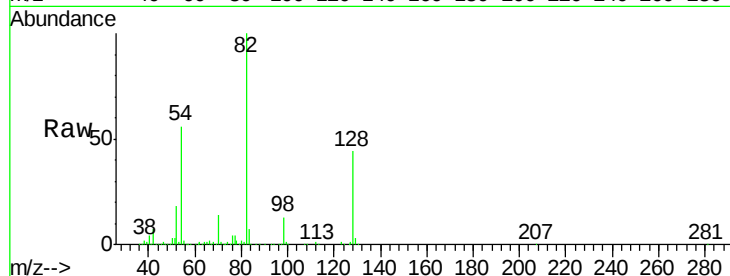




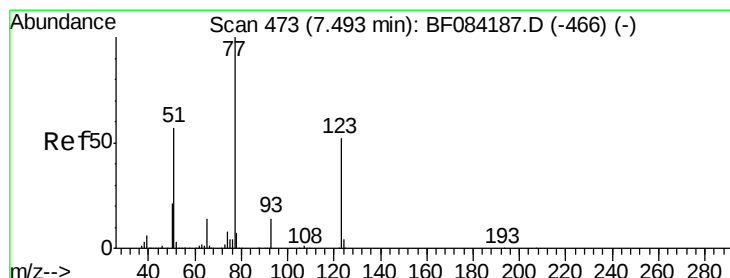
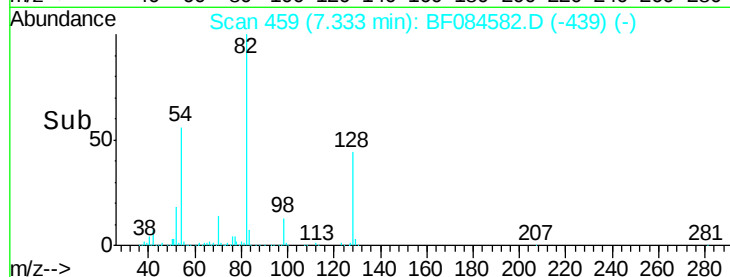
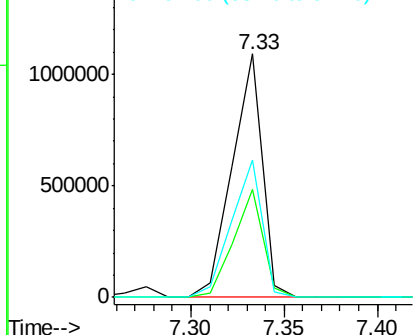
#23
Nitrobenzene-d5
Concen: 75.54 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion: 82 Resp: 1234766
Ion Ratio Lower Upper
82 100
128 44.3 34.6 51.8
54 56.3 38.4 57.6

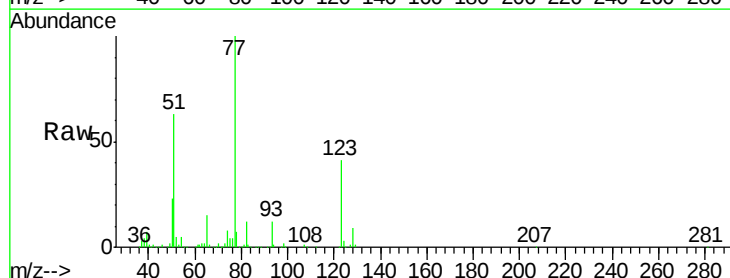


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

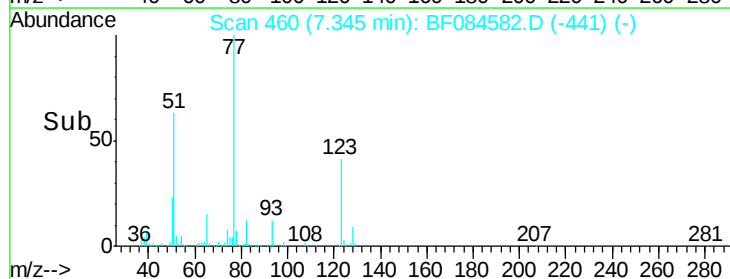
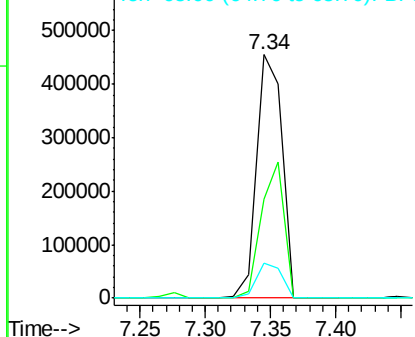


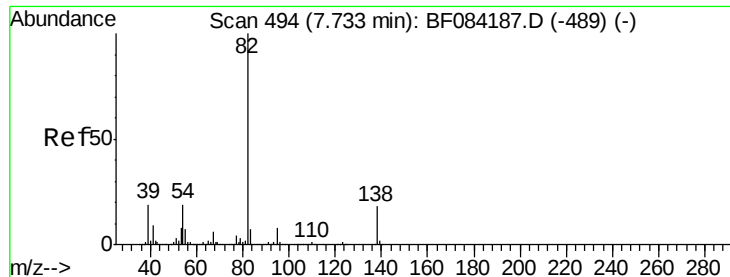
#24
Nitrobenzene
Concen: 37.30 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.08 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Tgt Ion: 77 Resp: 618356
Ion Ratio Lower Upper
77 100
123 40.8 37.4 56.2
65 14.5 10.9 16.3



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





#25

Isophorone

Concen: 38.22 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

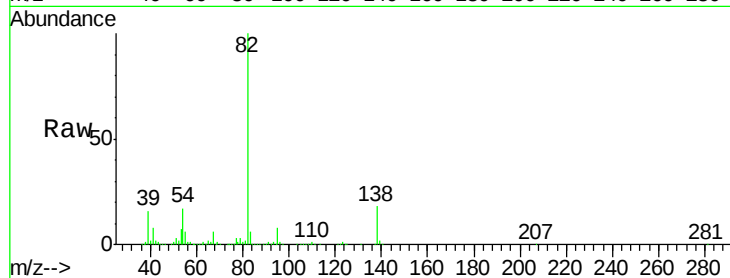
Tot Ion: 82 Resp: 1194915

Ion Ratio Lower Upper

82 100

95 7.7 6.6 10.0

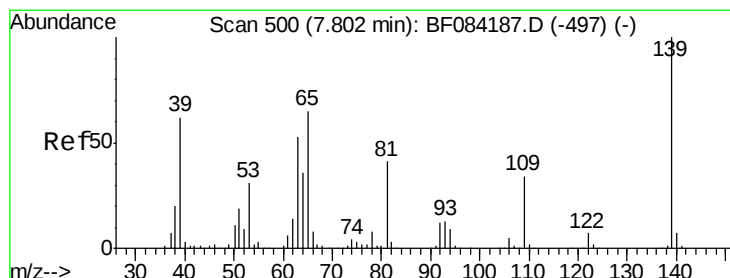
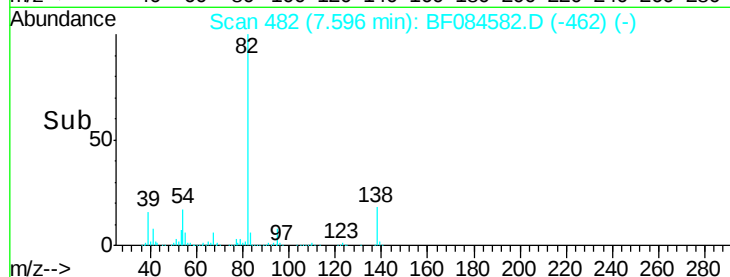
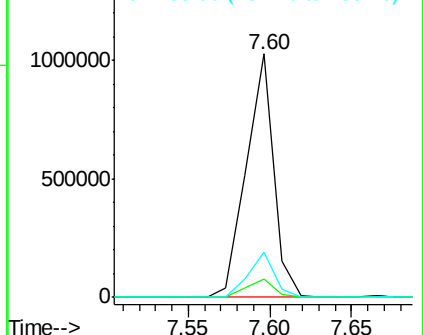
138 18.3 13.6 20.4



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: 40.86 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

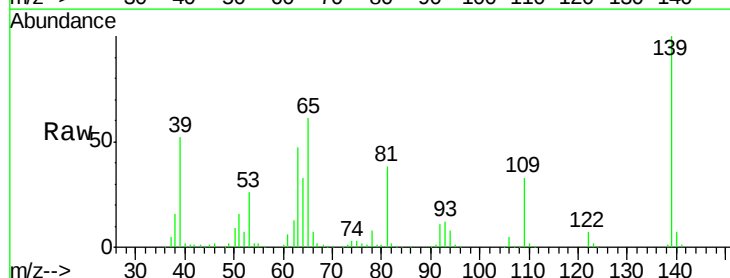
Tgt Ion: 139 Resp: 308306

Ion Ratio Lower Upper

139 100

109 32.8 25.4 38.2

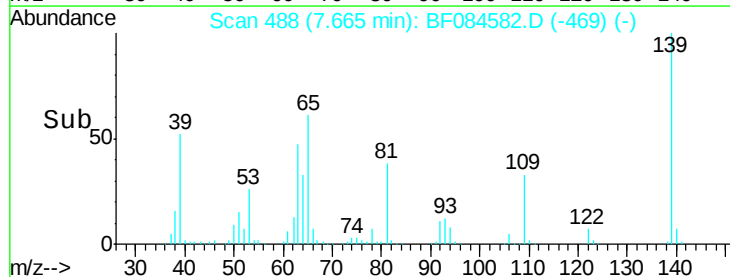
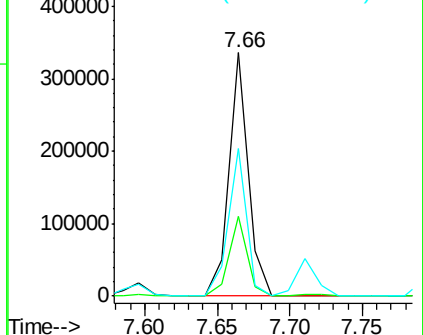
65 60.8 32.3 48.5#



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: 34.92 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

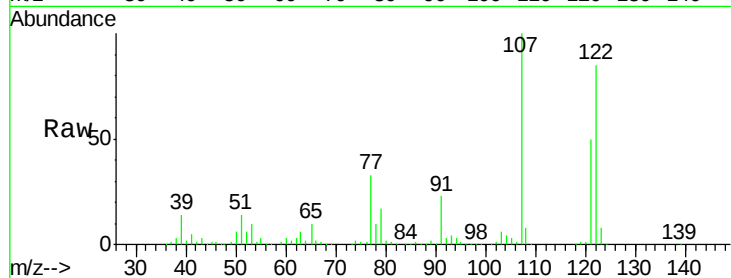
Tot Ion:122 Resp: 533421

Ion Ratio Lower Upper

122 100

107 117.7 99.1 148.7

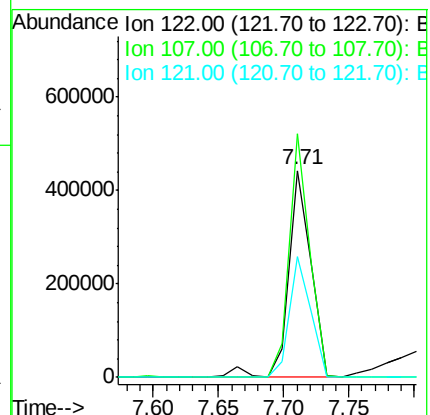
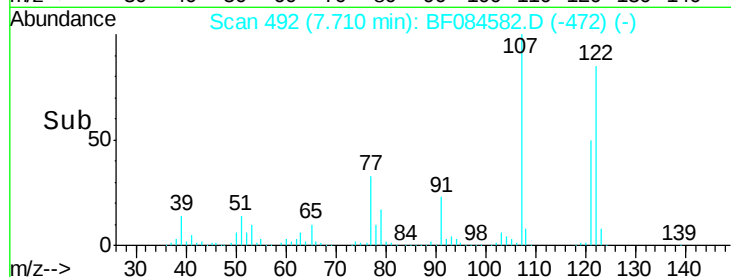
121 58.5 47.9 71.9



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: 37.04 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

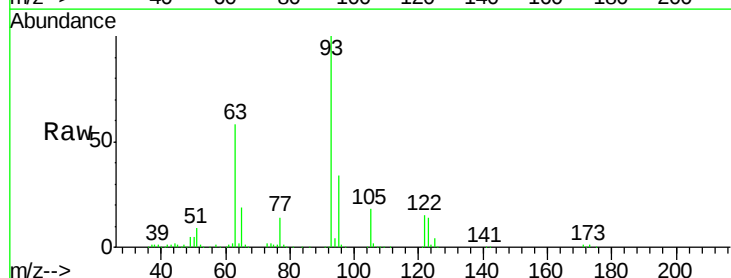
Tgt Ion: 93 Resp: 707255

Ion Ratio Lower Upper

93 100

95 33.6 25.8 38.6

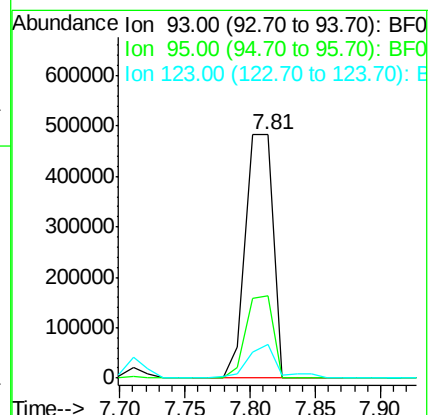
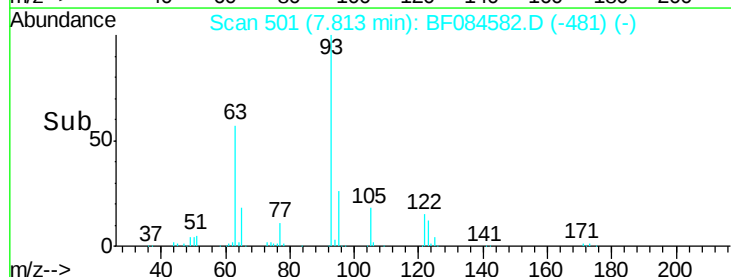
123 13.6 8.6 12.8#

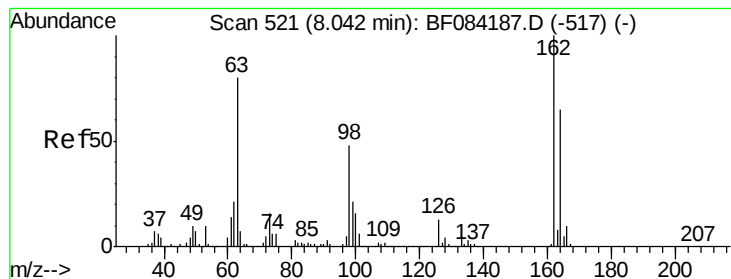


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.09 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

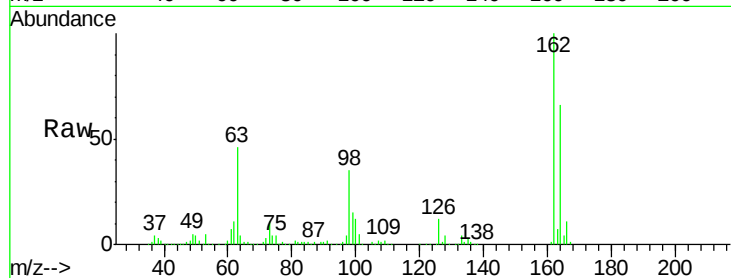
Tot Ion:162 Resp: 522717

Ion Ratio Lower Upper

162 100

164 66.1 44.1 84.1

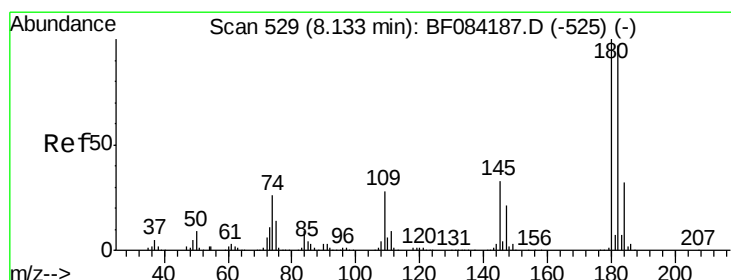
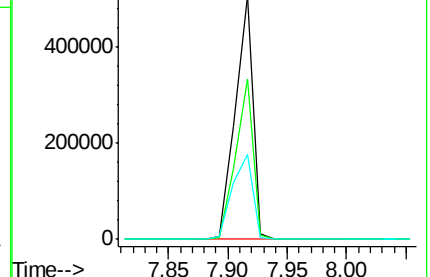
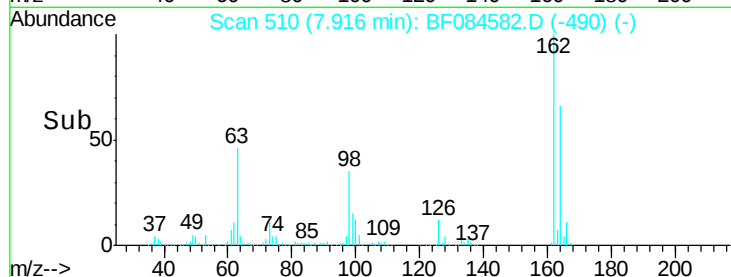
98 35.1 20.2 60.2



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): E



#30

1,2,4-Trichlorobenzene

Concen: 41.14 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

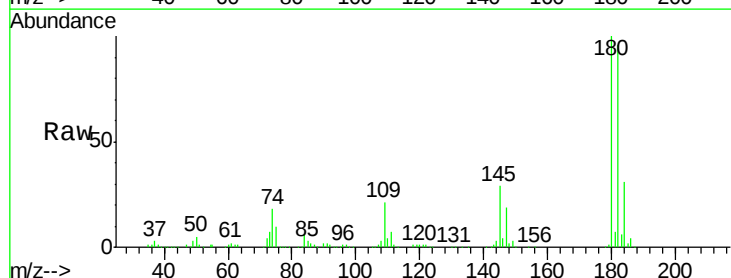
Tgt Ion:180 Resp: 540361

Ion Ratio Lower Upper

180 100

182 96.2 76.4 114.6

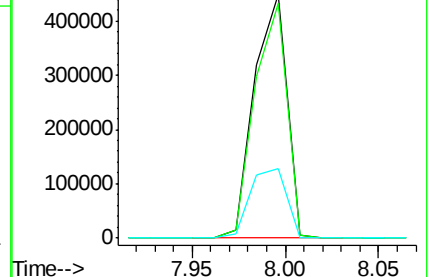
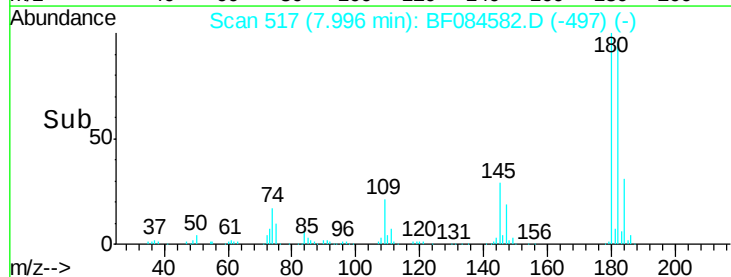
145 28.6 31.6 47.4#

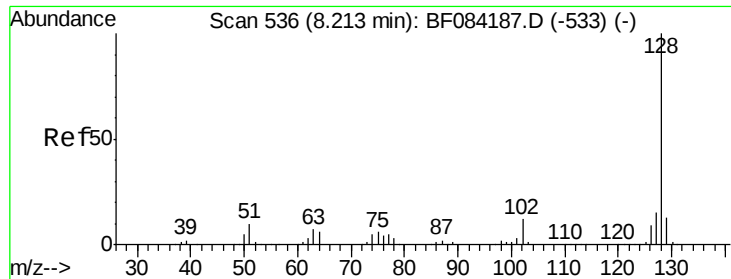


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

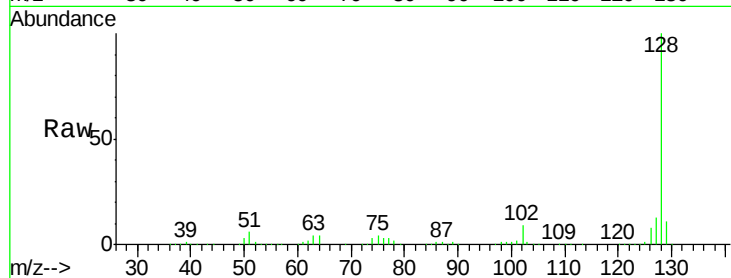




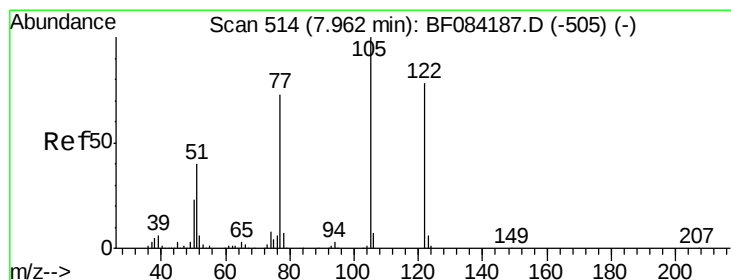
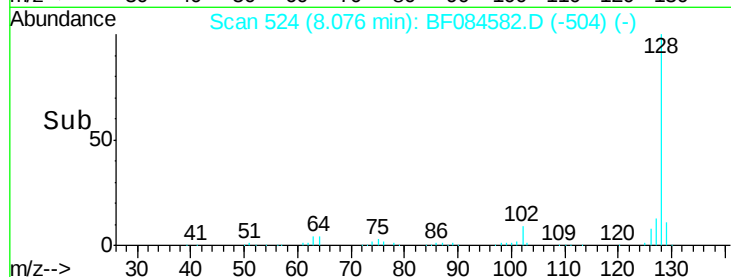
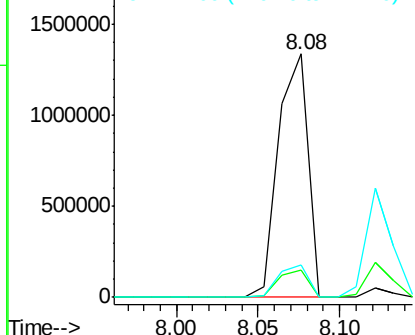
#31
Naphthalene
Concen: 41.03 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1693436
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.4 11.1 16.7

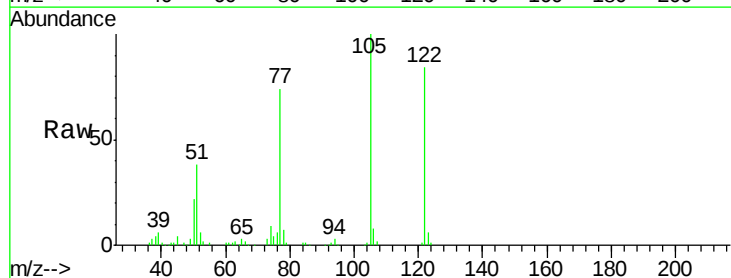


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

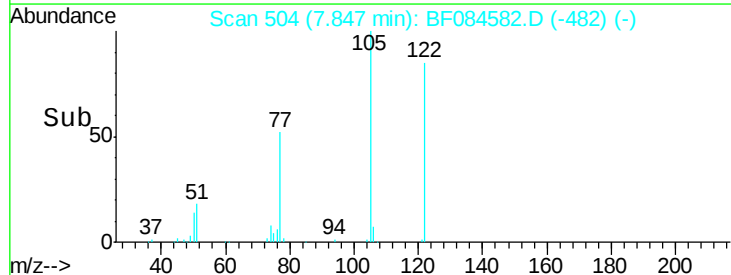
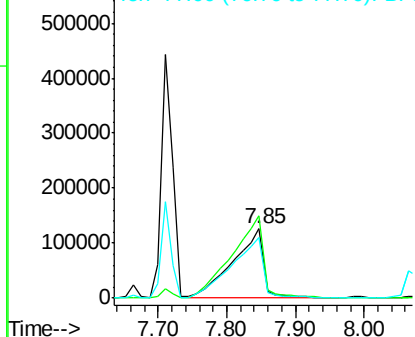


#32
Benzoic acid
Concen: 40.65 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.05 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Tgt Ion:122 Resp: 388636
Ion Ratio Lower Upper
122 100
105 118.6 100.3 140.3
77 88.0 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

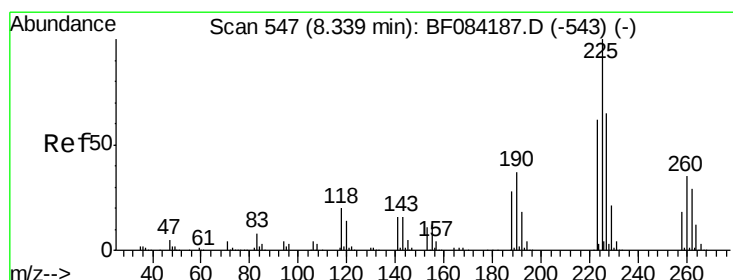
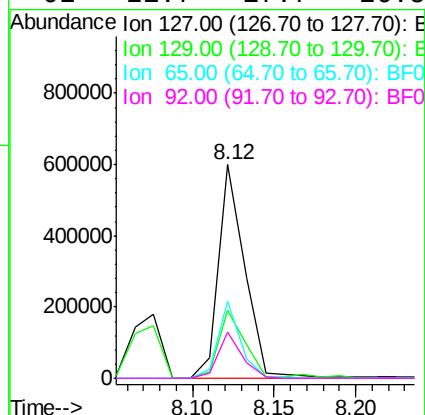
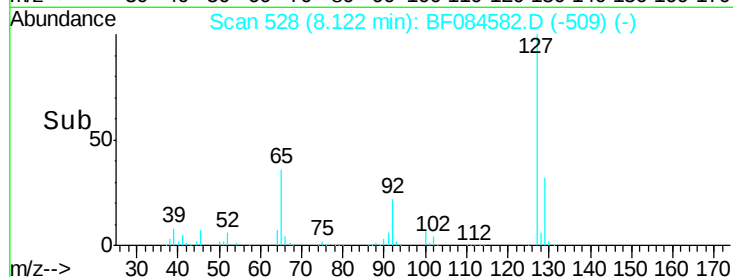
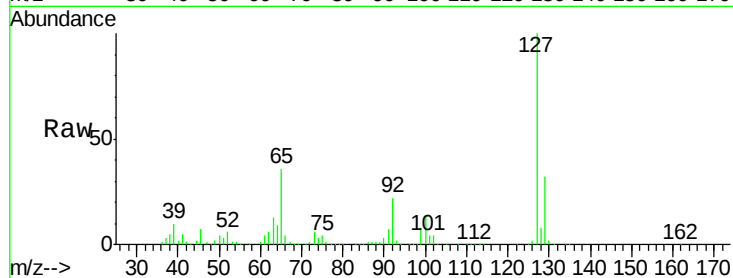




#33
4-Chloroaniline
Concen: 35.05 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.08 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

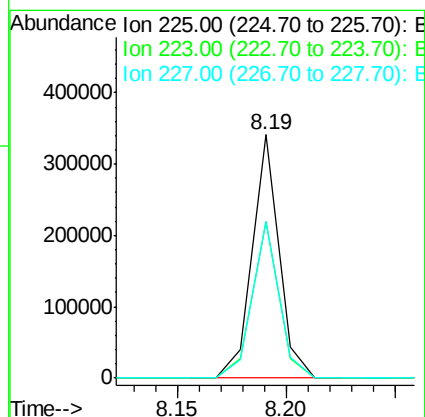
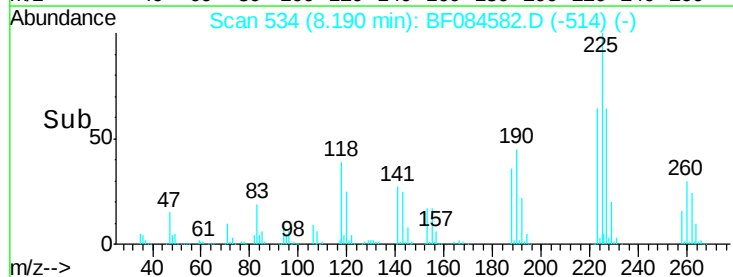
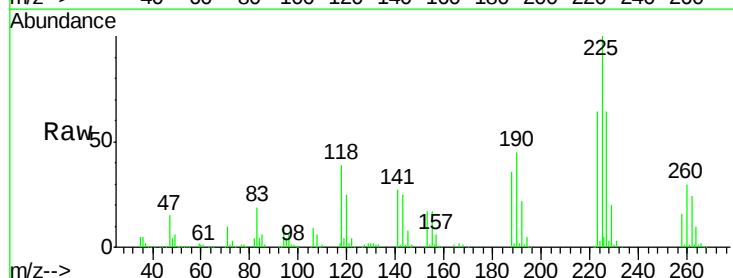
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

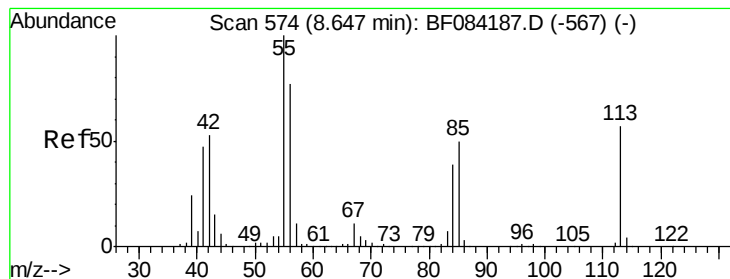
Tot Ion:	127	Resp:	663272
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.5	39.7
65	35.8	27.2	40.8
92	21.7	17.7	26.5



#34
Hexachlorobutadiene
Concen: 38.69 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Tgt Ion:	225	Resp:	292077
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.4	74.0
227	64.3	50.8	76.2





#35

Caprolactam

Concen: 40.10 ng

RT: 8.51 min Scan# 562

Delta R.T. -0.06 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

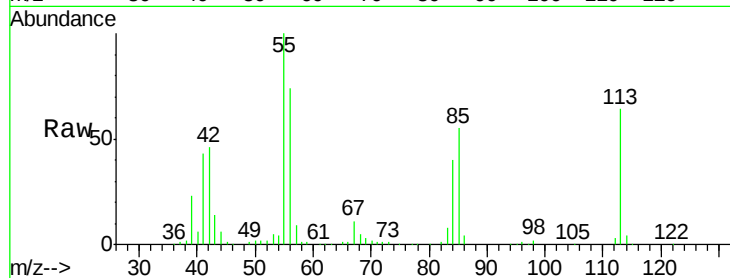
Tot Ion:113 Resp: 171998

Ion Ratio Lower Upper

113 100

55 157.1 116.9 156.9#

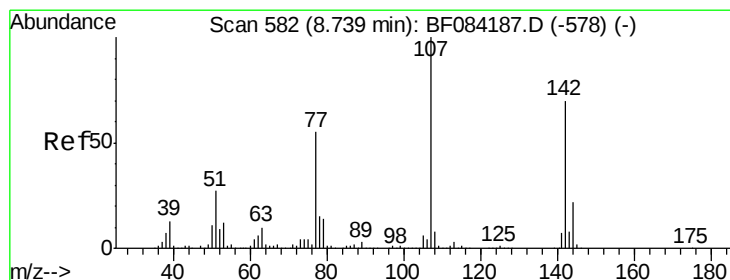
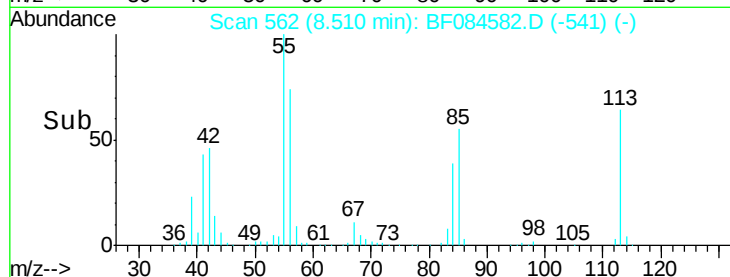
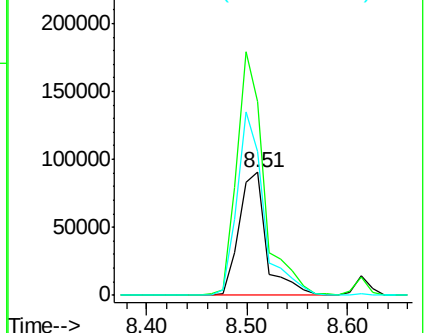
56 117.0 93.8 133.8



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: 36.18 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

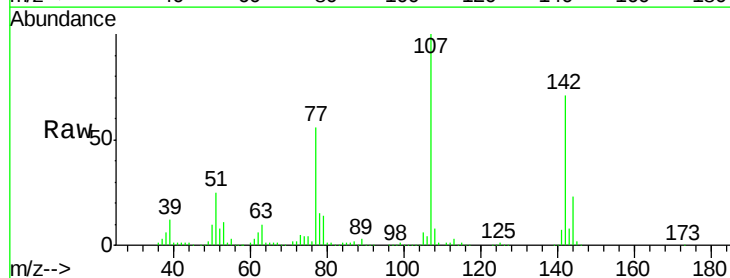
Tgt Ion:107 Resp: 515614

Ion Ratio Lower Upper

107 100

144 23.2 19.7 29.5

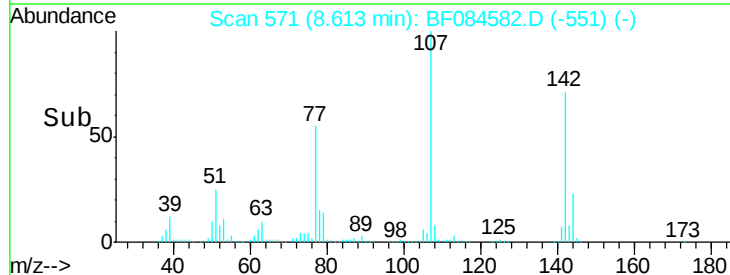
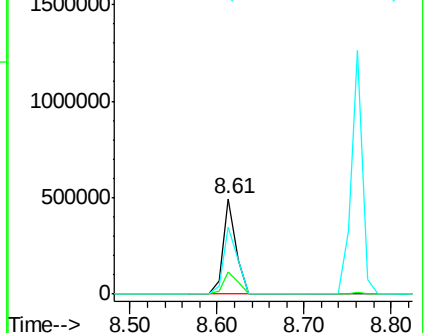
142 70.6 61.8 92.6

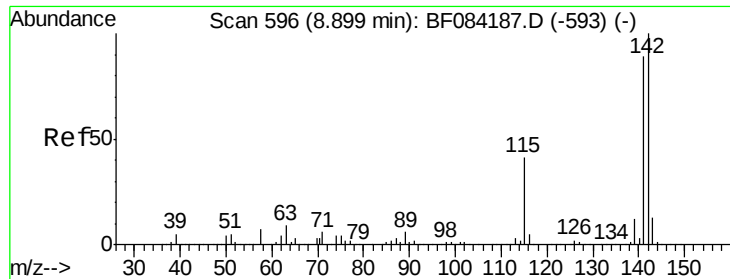


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

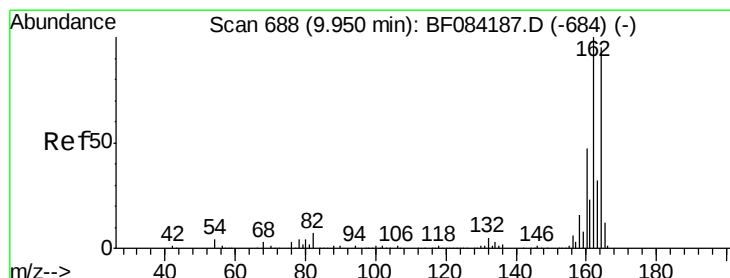
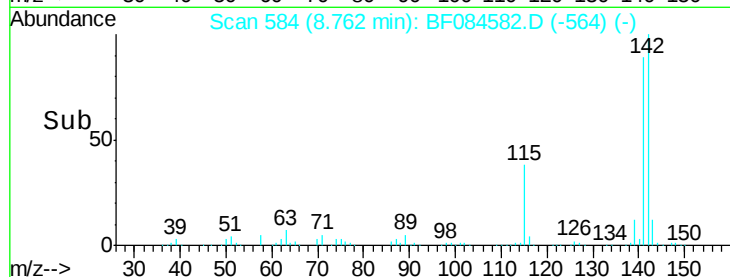
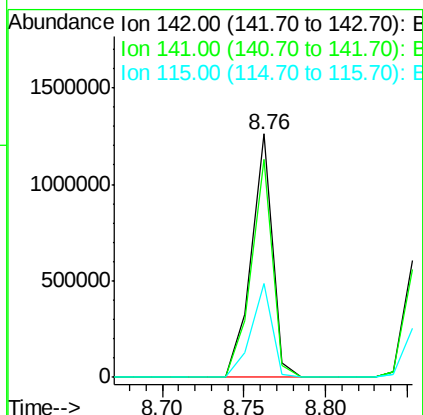
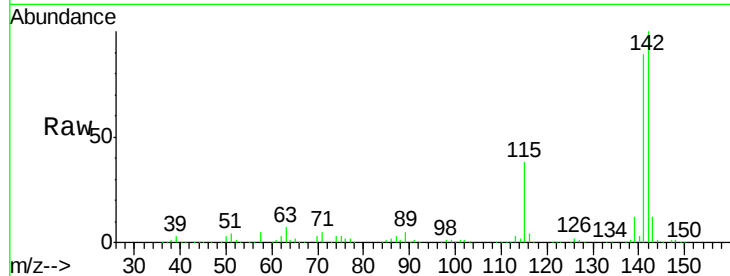




#37
2-Methylnaphthalene
Concen: 38.61 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

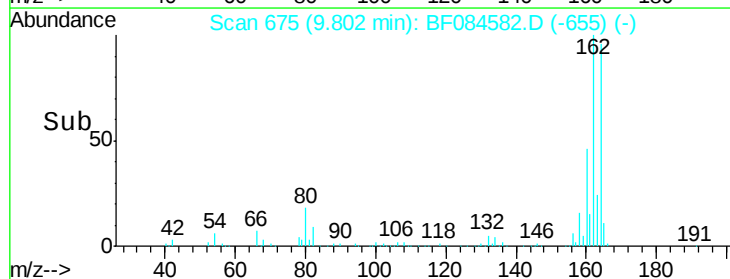
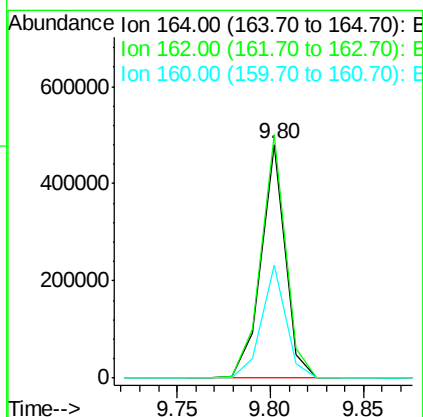
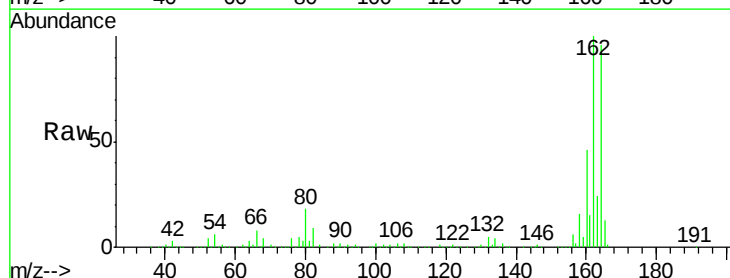
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:142 Resp: 1143970
Ion Ratio Lower Upper
142 100
141 89.4 72.4 108.6
115 38.5 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Tgt Ion:164 Resp: 428813
Ion Ratio Lower Upper
164 100
162 104.2 85.1 127.7
160 48.5 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.99 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 492928

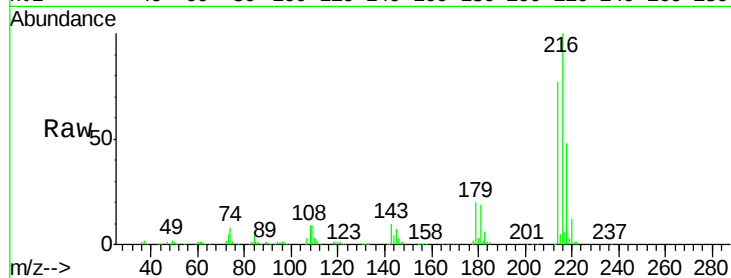
Ion Ratio Lower Upper

216 100

214 78.9 64.2 96.2

179 23.0 18.7 28.1

108 19.8 16.8 25.2

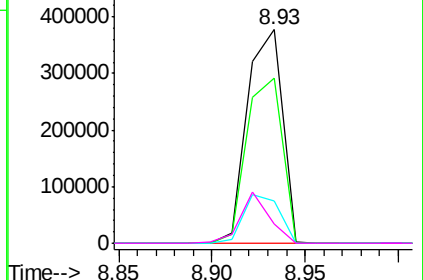
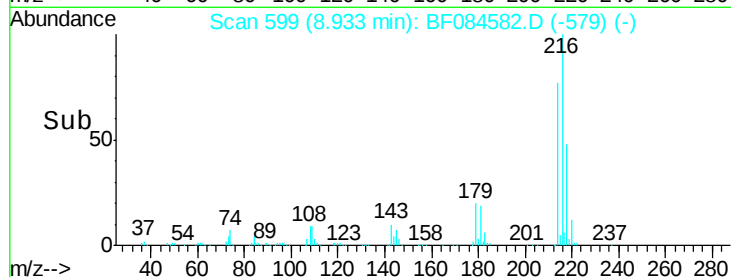


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.25 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

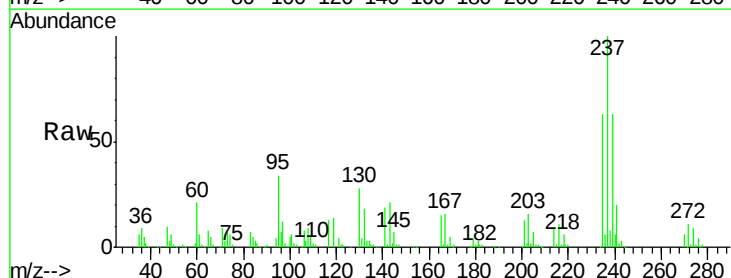
Tgt Ion:237 Resp: 239992

Ion Ratio Lower Upper

237 100

235 63.3 43.1 83.1

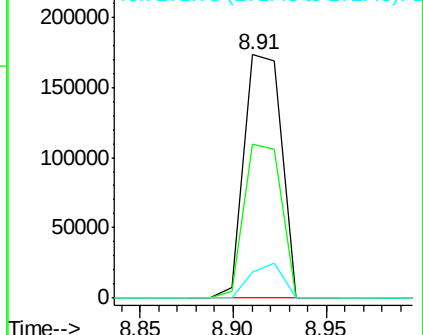
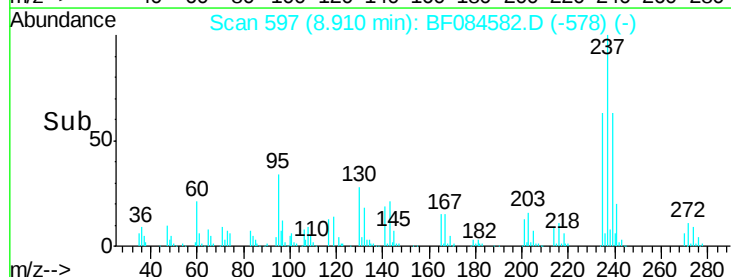
272 10.6 0.0 35.1



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

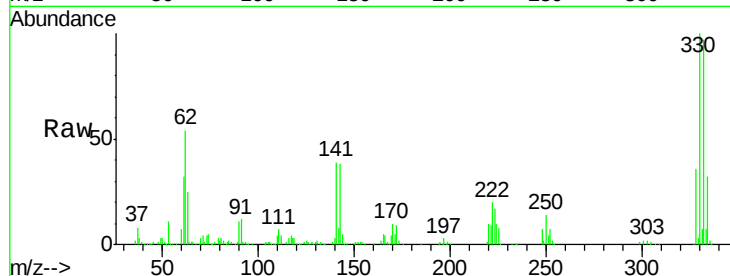




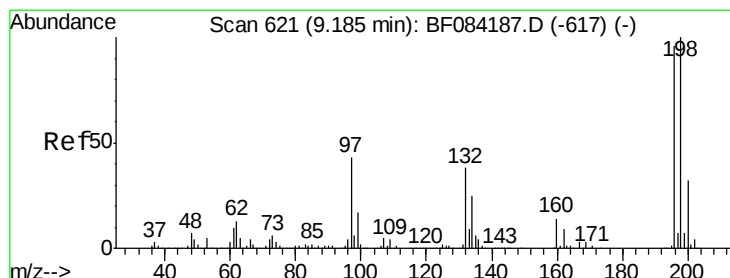
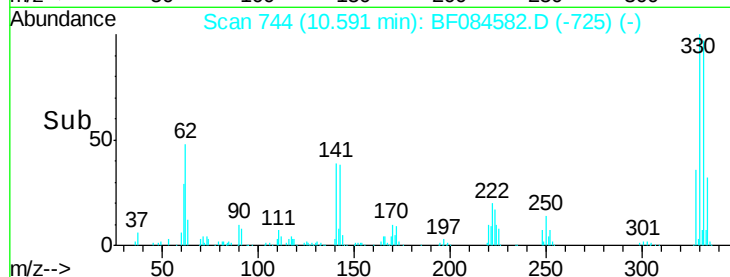
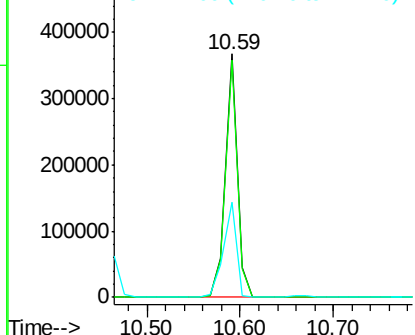
#41
 2,4,6-Tribromophenol
 Concen: 75.95 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.08 min
 Lab File: BF084582.D
 Acq: 21 Jan 2016 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 328812
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 41.8 27.8 41.6#

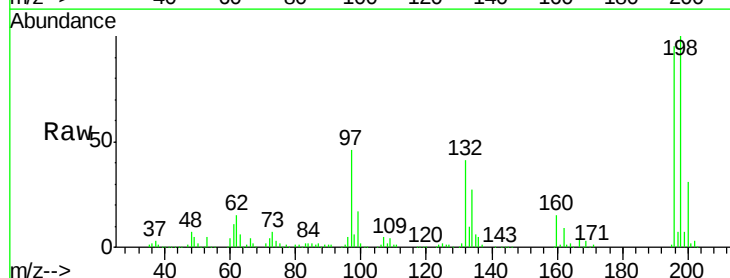


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

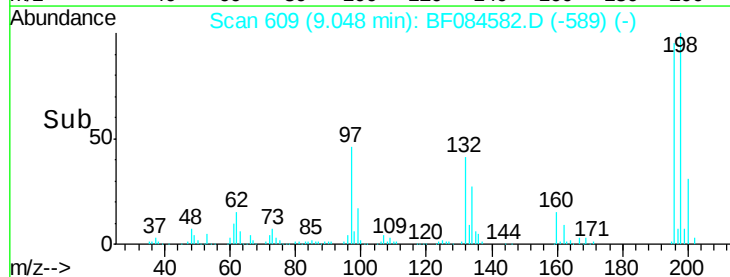
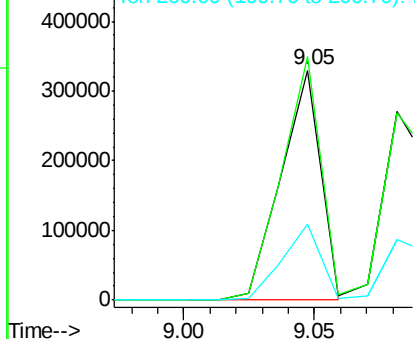


#42
 2,4,6-Trichlorophenol
 Concen: 37.75 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.07 min
 Lab File: BF084582.D
 Acq: 21 Jan 2016 14:52

Tgt Ion:196 Resp: 348148
 Ion Ratio Lower Upper
 196 100
 198 105.8 77.7 116.5
 200 33.0 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

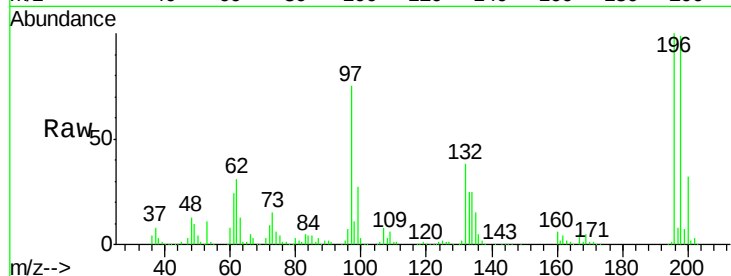




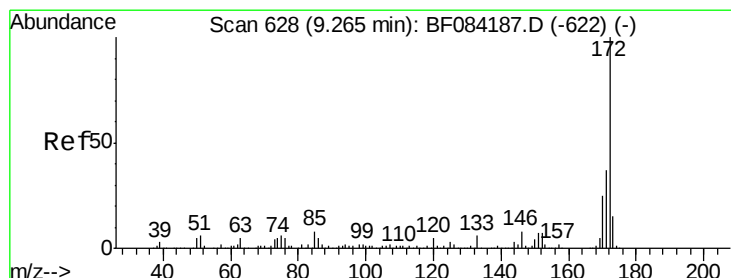
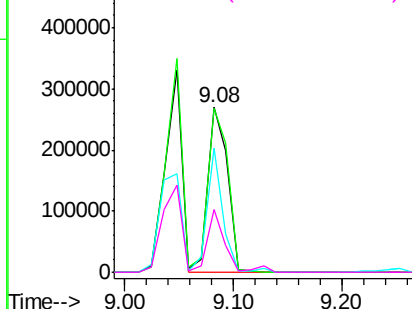
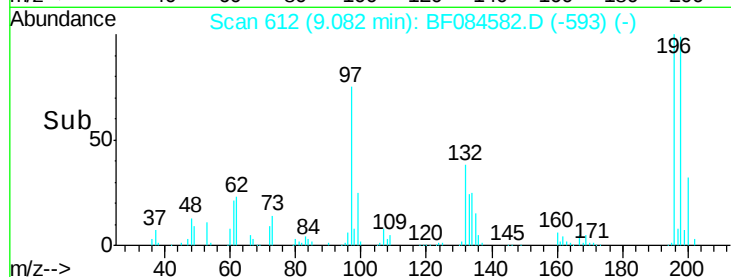
#43
 2,4,5-Trichlorophenol
 Concen: 38.80 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.08 min
 Lab File: BF084582.D
 Acq: 21 Jan 2016 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 343056
 Ion Ratio Lower Upper
 196 100
 198 99.3 79.0 118.6
 97 75.4 33.0 49.6#
 132 38.2 21.1 31.7#

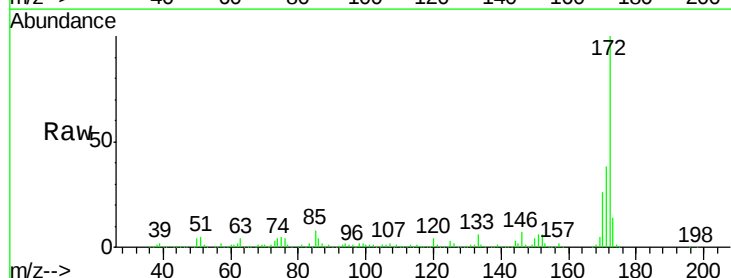


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

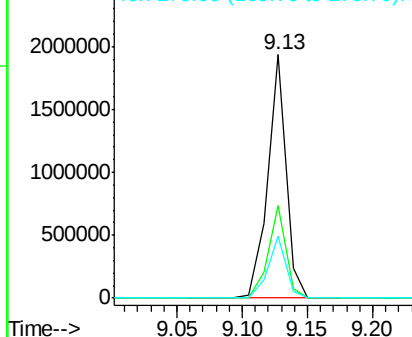
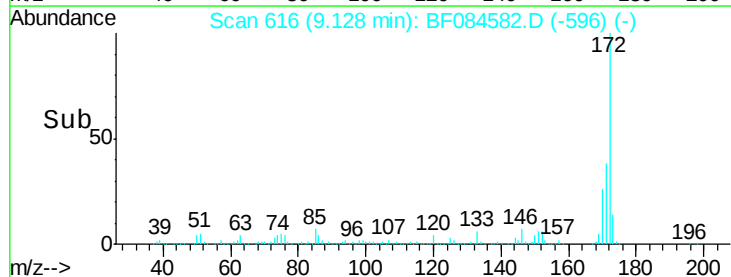


#44
 2-Fluorobiphenyl
 Concen: 78.01 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.07 min
 Lab File: BF084582.D
 Acq: 21 Jan 2016 14:52

Tgt Ion:172 Resp: 1914309
 Ion Ratio Lower Upper
 172 100
 171 38.0 28.9 43.3
 170 25.6 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: 43.66 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

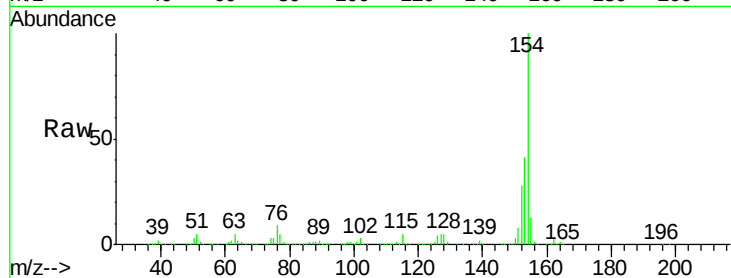
Tot Ion:154 Resp: 1487910

Ion Ratio Lower Upper

154 100

153 41.2 21.6 61.6

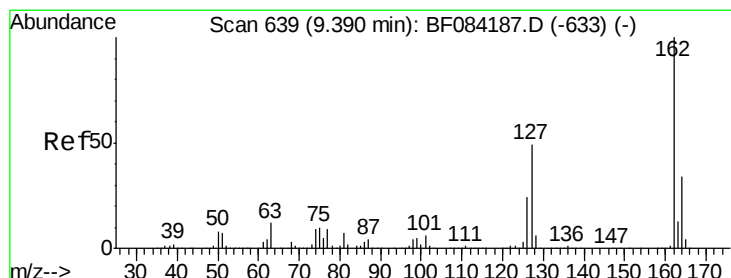
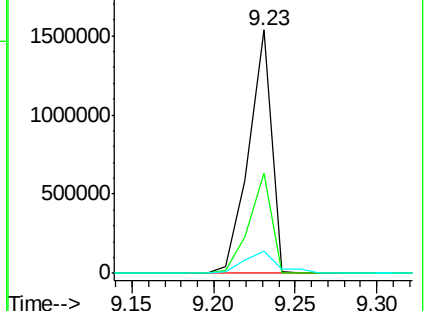
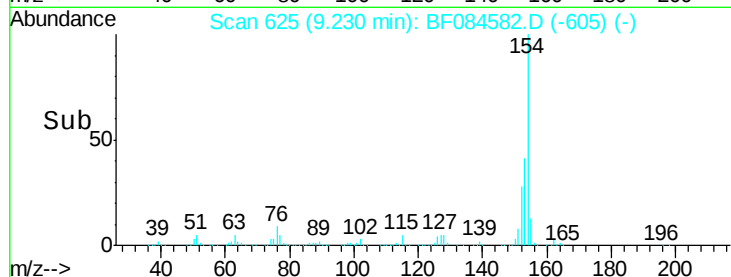
76 9.1 0.0 32.7



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: 40.71 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

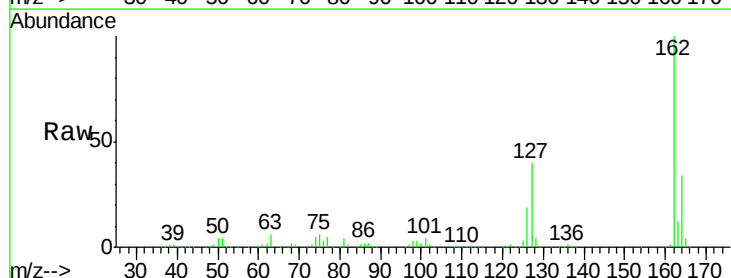
Tgt Ion:162 Resp: 1089686

Ion Ratio Lower Upper

162 100

127 40.3 40.2 60.4

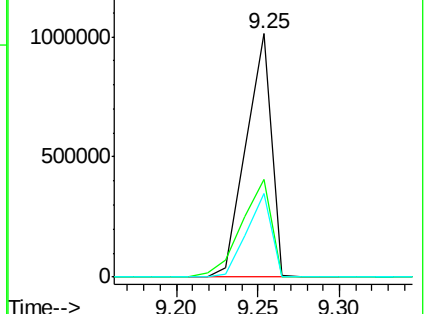
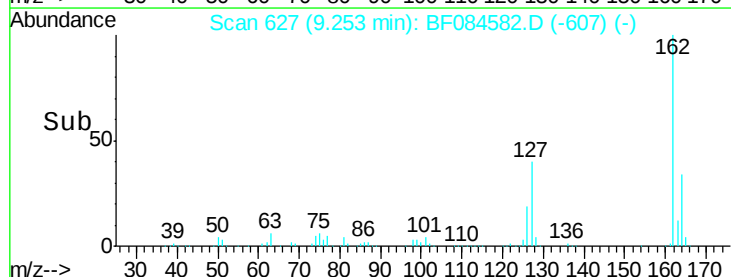
164 34.2 25.7 38.5

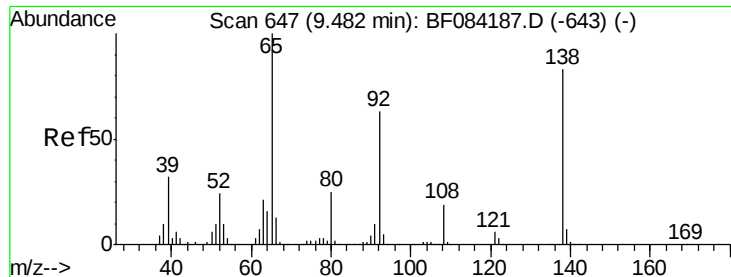


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

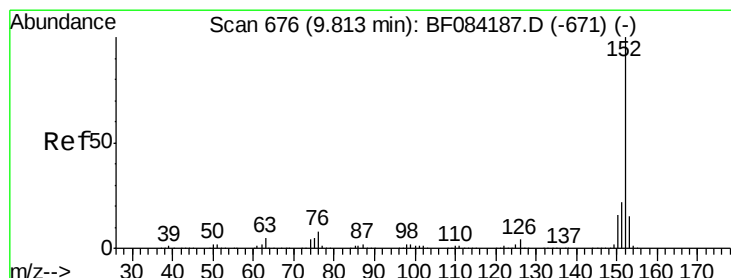
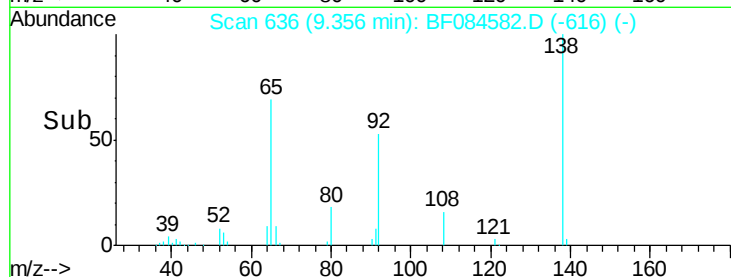
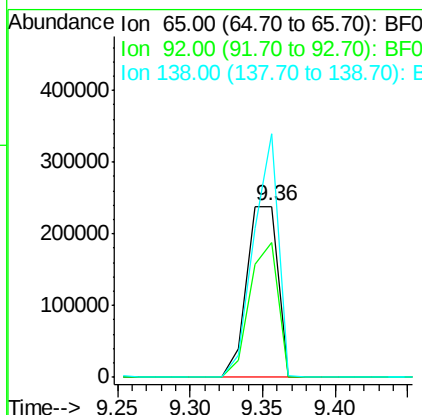
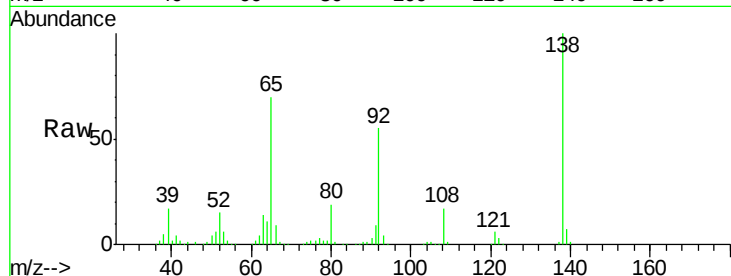




#47
2-Nitroaniline
Concen: 40.34 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

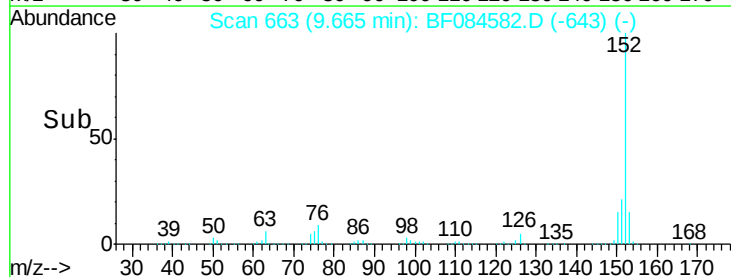
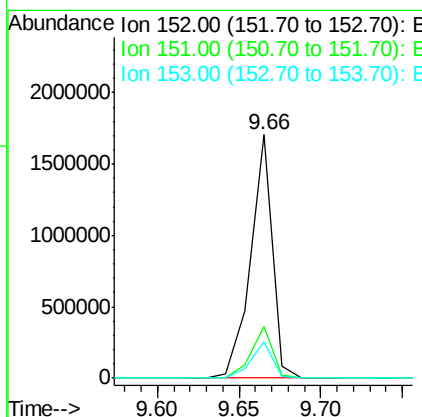
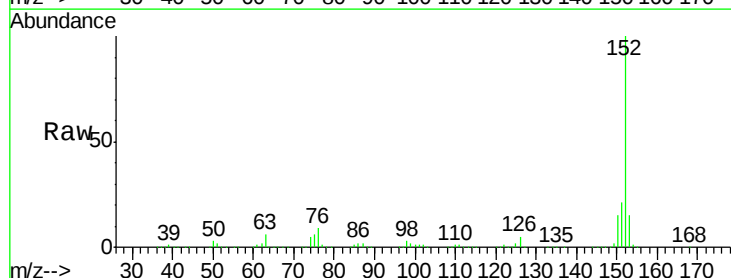
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

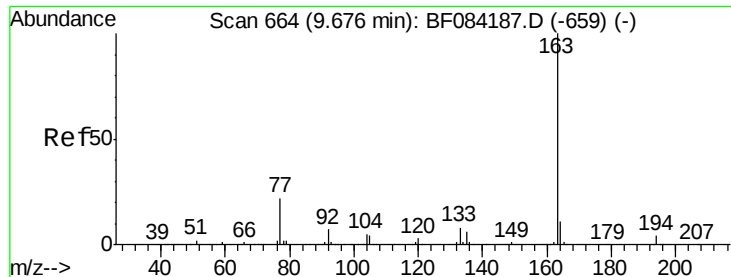
Tot Ion: 65 Resp: 356377
Ion Ratio Lower Upper
65 100
92 78.8 53.4 80.2
138 142.1 71.1 106.7#



#48
Acenaphthylene
Concen: 39.83 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Tgt Ion: 152 Resp: 1575172
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 15.0 10.4 15.6

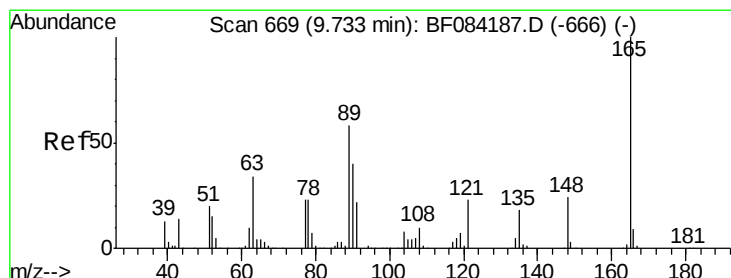
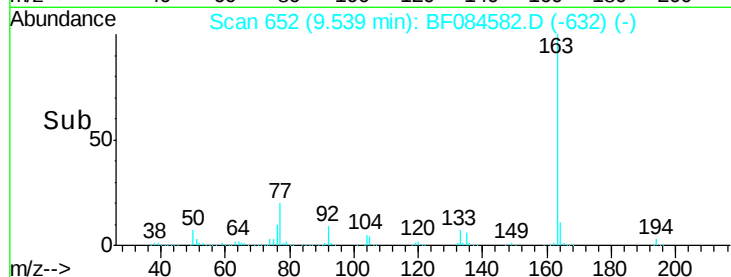
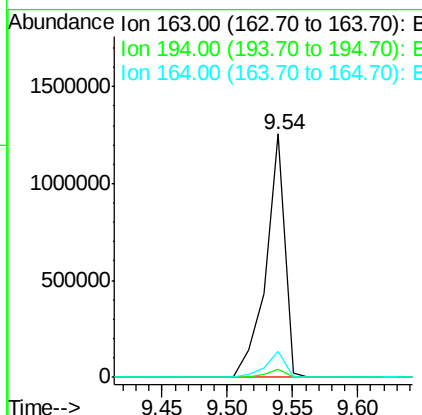
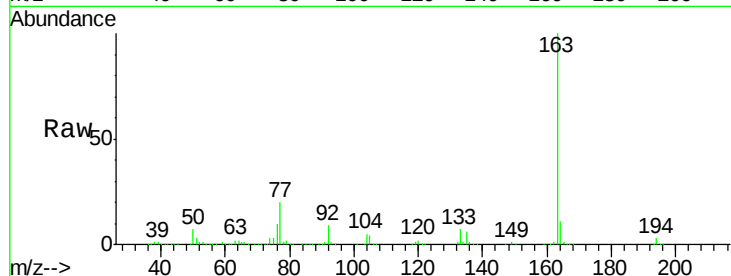




#49
Dimethylphthalate
Concen: 41.47 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

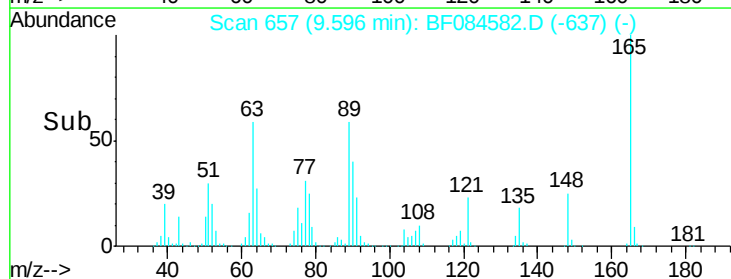
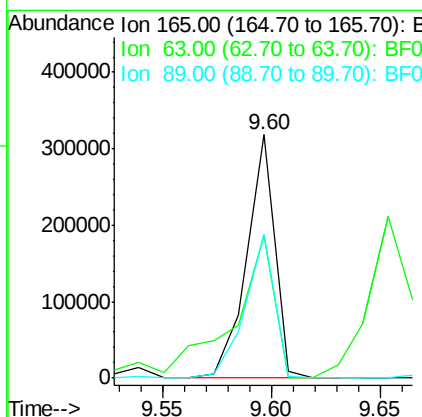
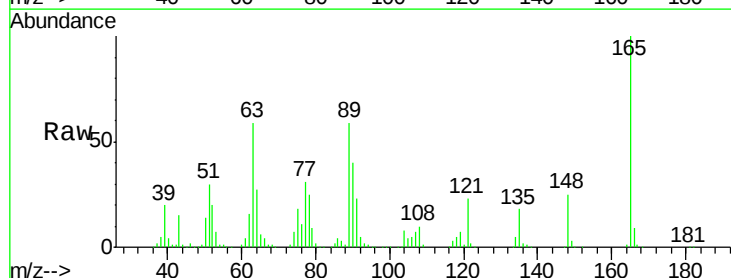
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

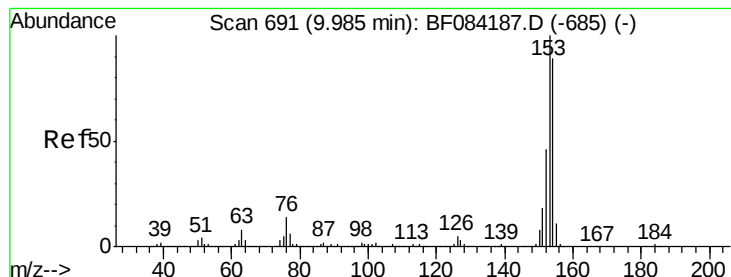
Tot Ion:163 Resp: 1271248
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 10.5 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 42.25 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Tgt Ion:165 Resp: 284061
Ion Ratio Lower Upper
165 100
63 58.8 28.8 43.2#
89 59.1 35.1 52.7#





#51

Acenaphthene

Concen: 39.18 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

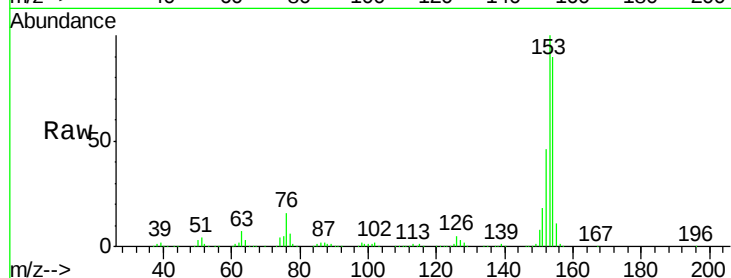
Tot Ion:154 Resp: 1039292

Ion Ratio Lower Upper

154 100

153 111.0 91.5 137.3

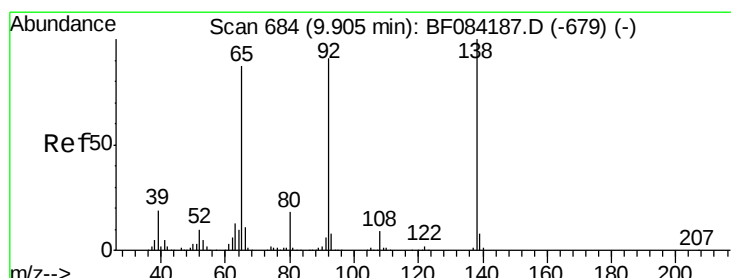
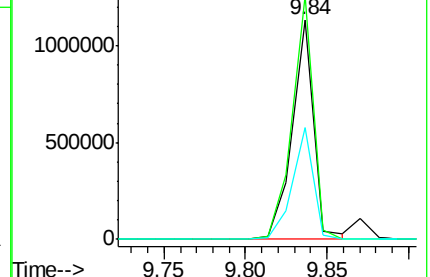
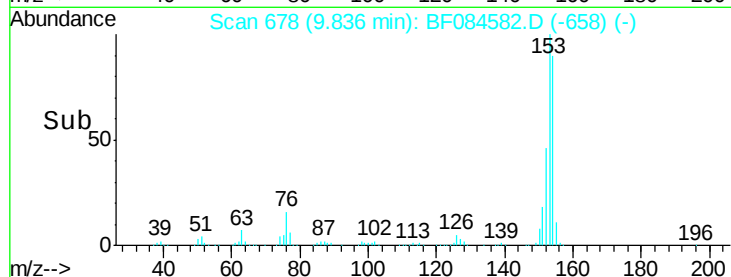
152 51.2 43.0 64.6



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: 42.11 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

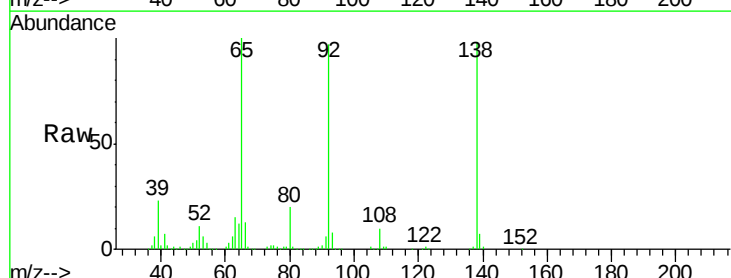
Tgt Ion:138 Resp: 350853

Ion Ratio Lower Upper

138 100

108 9.7 10.5 15.7#

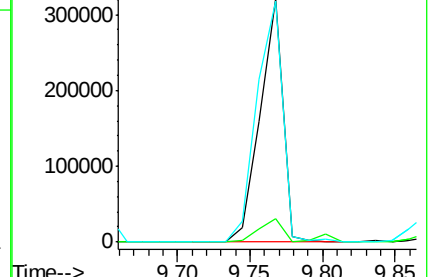
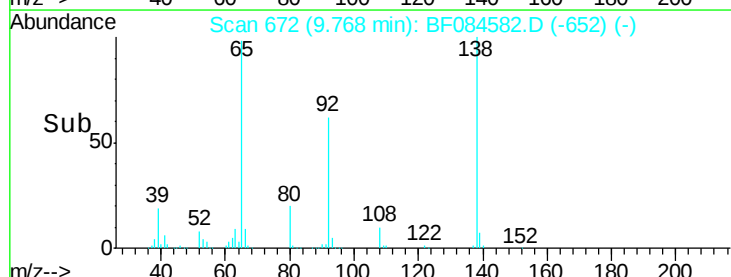
92 99.1 103.9 155.9#

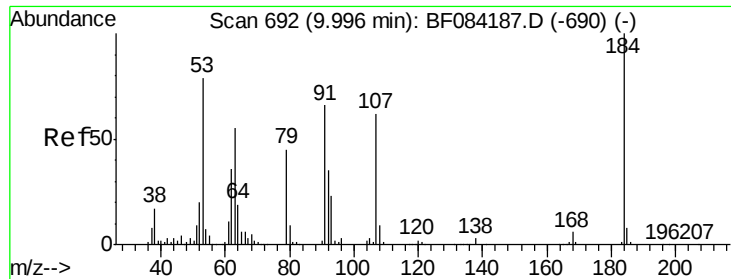


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

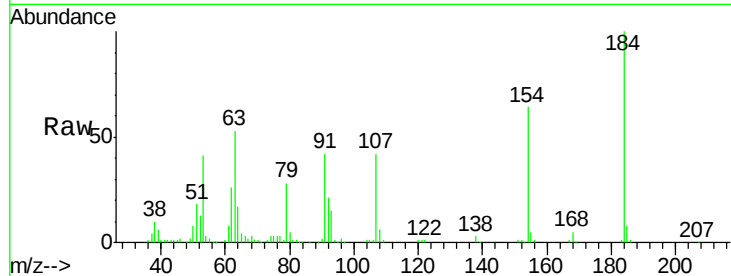




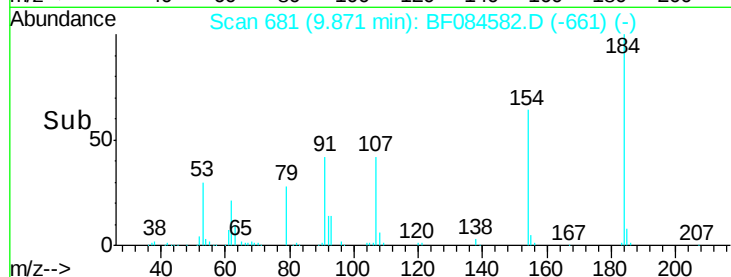
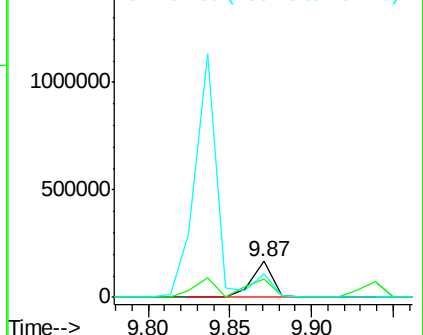
#53
2,4-Dinitrophenol
Concen: 53.77 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 150510
Ion Ratio Lower Upper
184 100
63 52.7 43.1 64.7
154 64.4 60.5 90.7

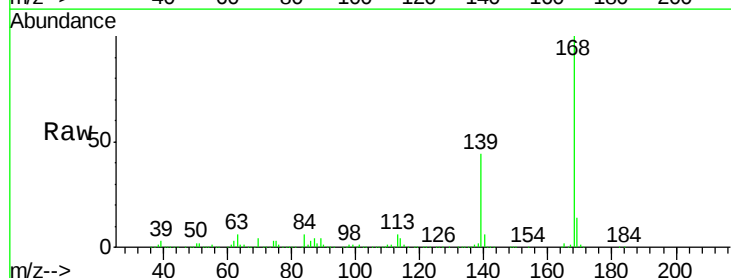


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

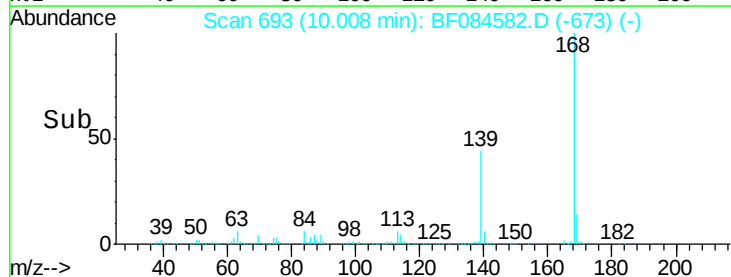
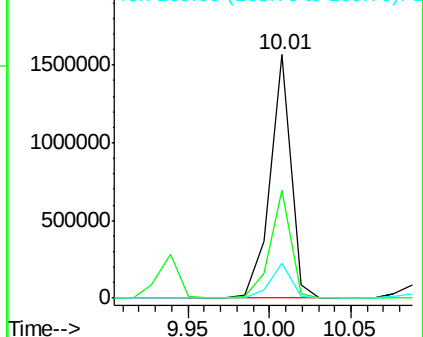


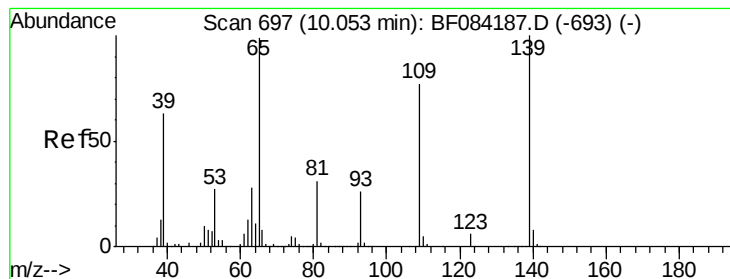
#54
Dibenzofuran
Concen: 40.29 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Tgt Ion:168 Resp: 1394995
Ion Ratio Lower Upper
168 100
139 44.2 30.5 45.7
169 14.1 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: 43.56 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

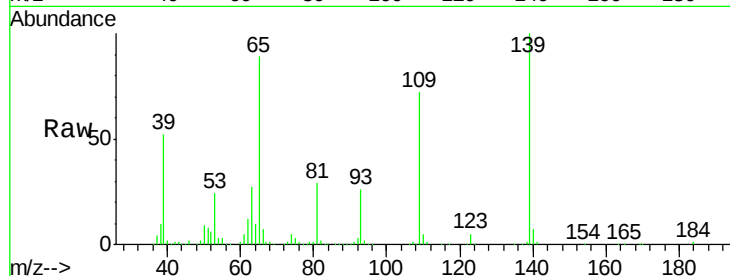
Tot Ion:139 Resp: 263458

Ion Ratio Lower Upper

139 100

109 71.8 58.5 98.5

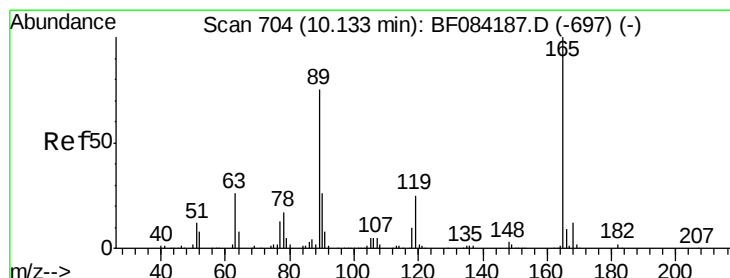
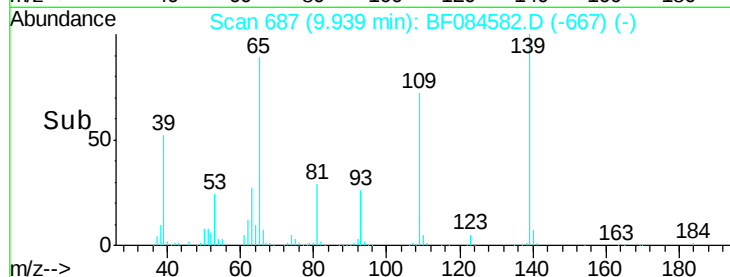
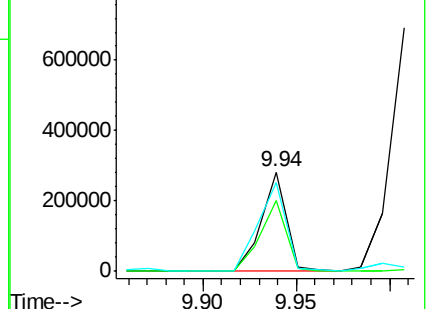
65 89.2 57.6 97.6



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: 39.74 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Tgt Ion:165 Resp: 338150

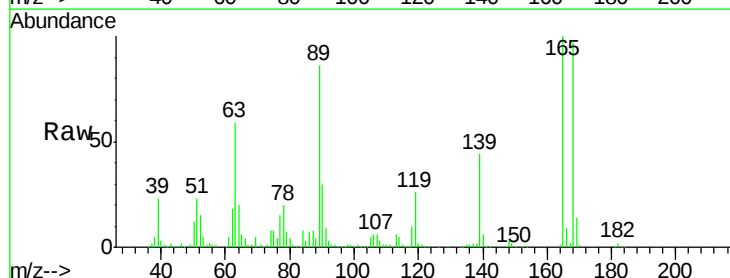
Ion Ratio Lower Upper

165 100

63 58.9 36.7 55.1#

89 85.9 61.9 92.9

182 2.1 2.0 3.0

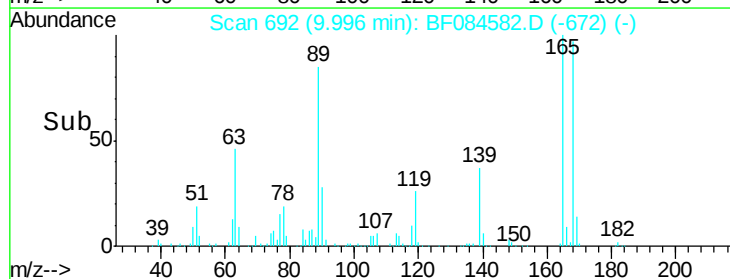
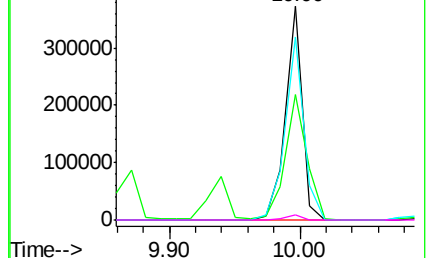


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.98 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

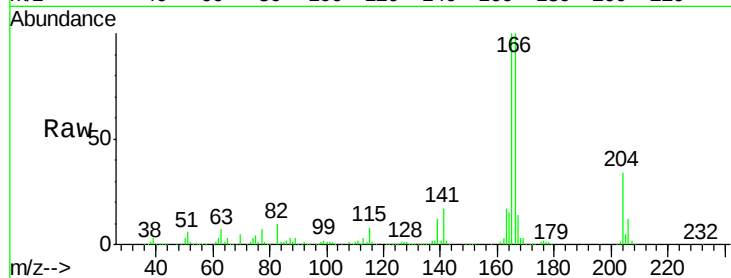
Tot Ion:166 Resp: 1094521

Ion Ratio Lower Upper

166 100

165 99.9 79.1 118.7

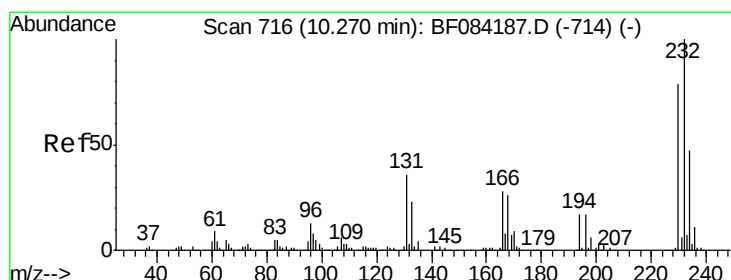
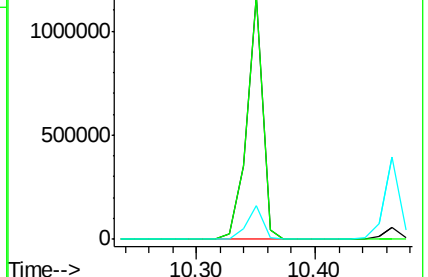
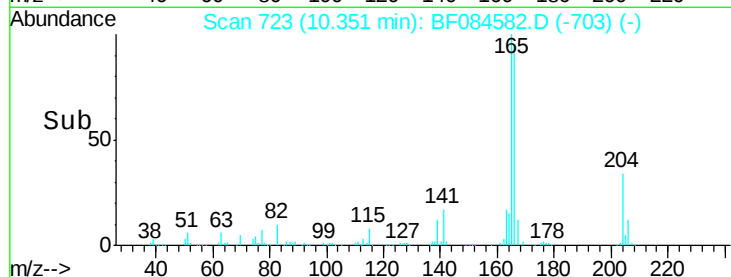
167 14.0 10.4 15.6



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: 39.36 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Tgt Ion:232 Resp: 297111

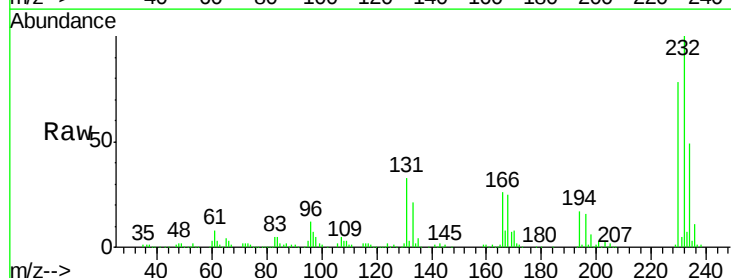
Ion Ratio Lower Upper

232 100

131 49.7 47.0 70.6

130 2.3 2.0 3.0

166 32.2 30.5 45.7

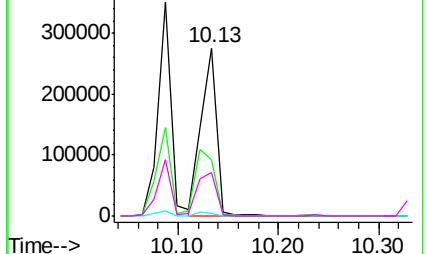
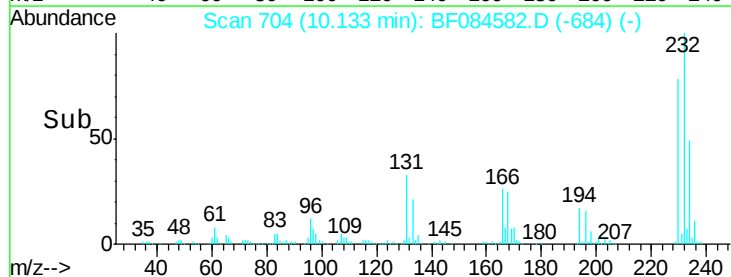


Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.79 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

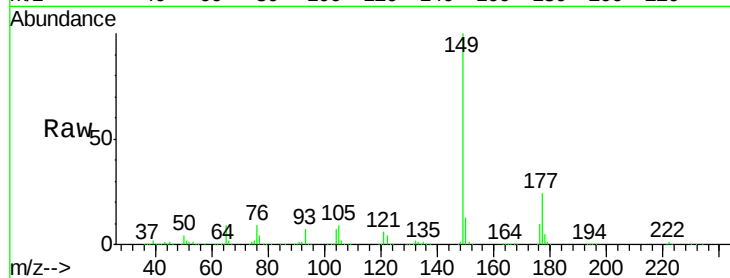
Tot Ion:149 Resp: 1233053

Ion Ratio Lower Upper

149 100

177 23.8 17.3 25.9

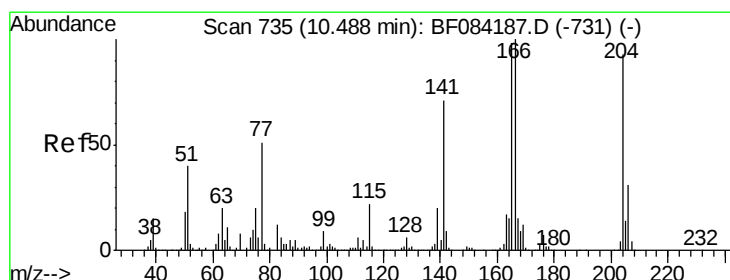
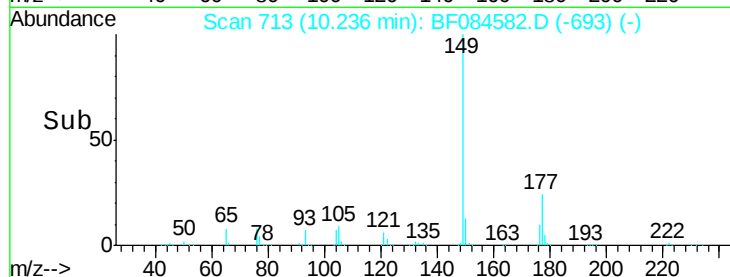
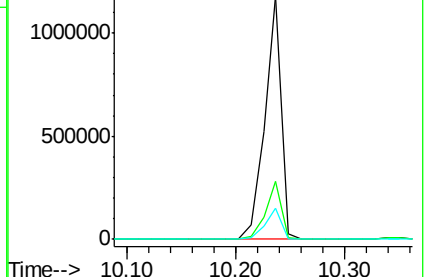
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.43 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

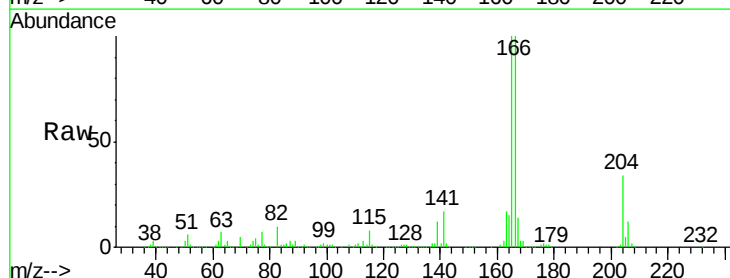
Tgt Ion:204 Resp: 499223

Ion Ratio Lower Upper

204 100

206 33.7 25.7 38.5

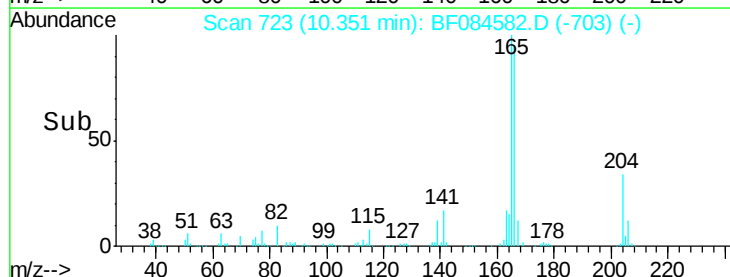
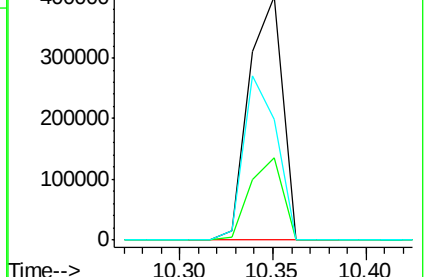
141 49.5 55.1 82.7#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.25 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

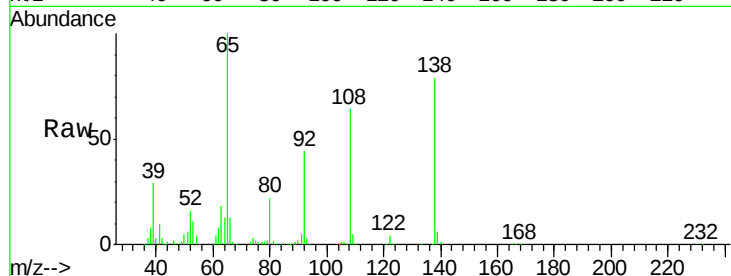
Tot Ion:138 Resp: 284037

Ion Ratio Lower Upper

138 100

92 55.3 32.6 72.6

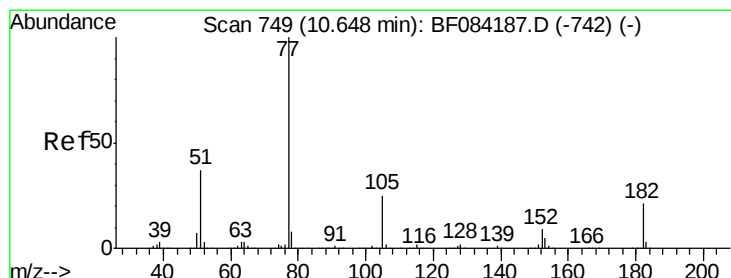
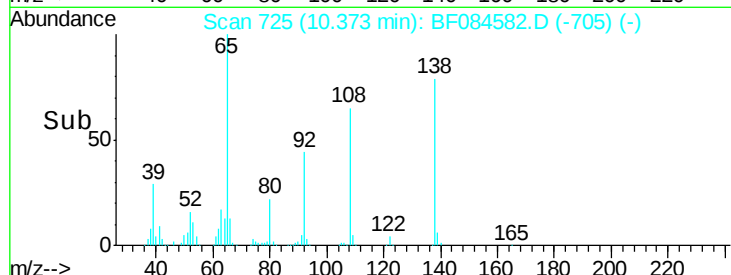
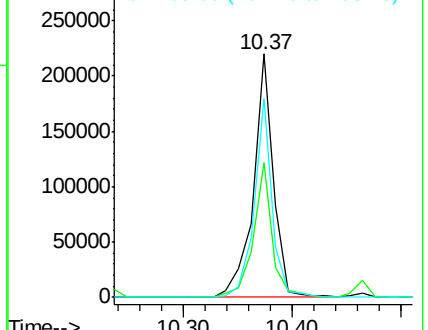
108 81.5 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.05 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Tgt Ion: 77 Resp: 1261384

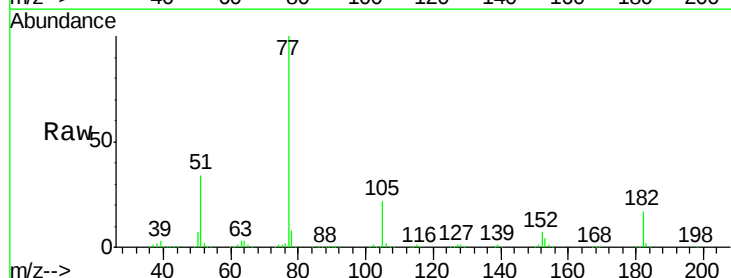
Ion Ratio Lower Upper

77 100

182 17.3 8.3 48.3

105 22.2 4.6 44.6

51 34.4 6.2 46.2

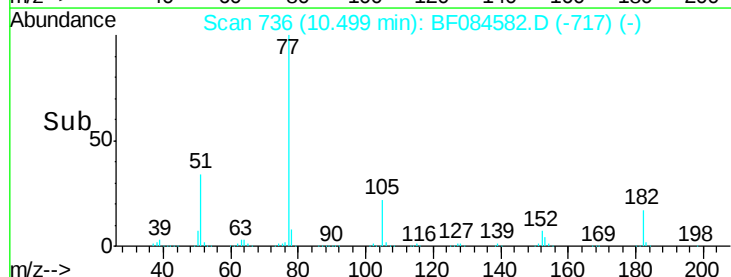
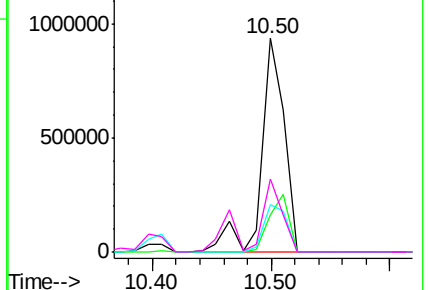


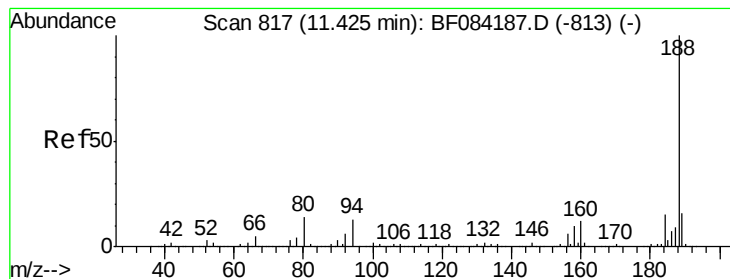
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

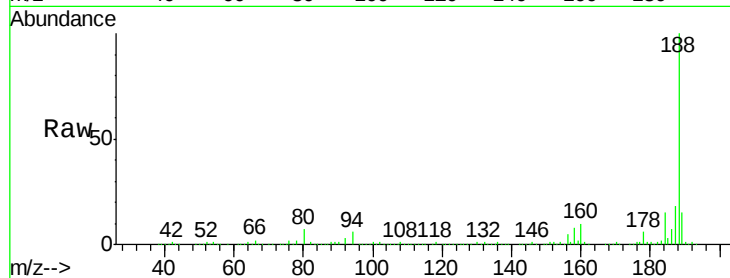
Tot Ion:188 Resp: 783526

Ion Ratio Lower Upper

188 100

94 5.9 9.0 13.4#

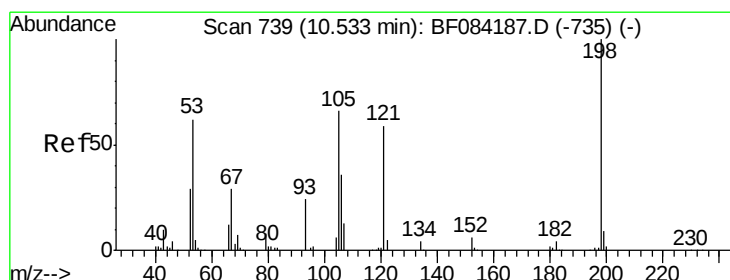
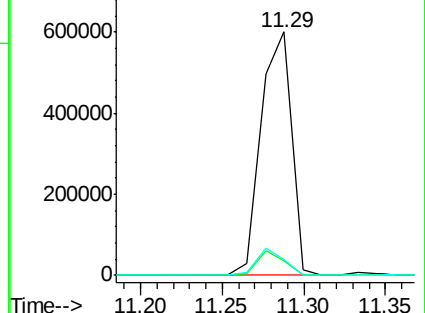
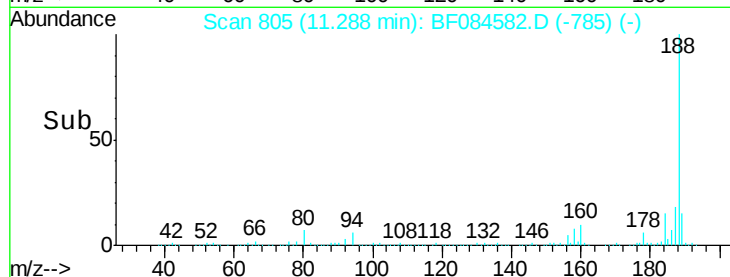
80 6.5 9.6 14.4#



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: 45.35 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

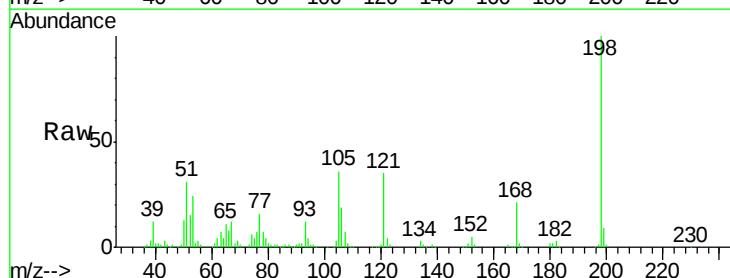
Tgt Ion:198 Resp: 216158

Ion Ratio Lower Upper

198 100

51 30.7 18.9 58.9

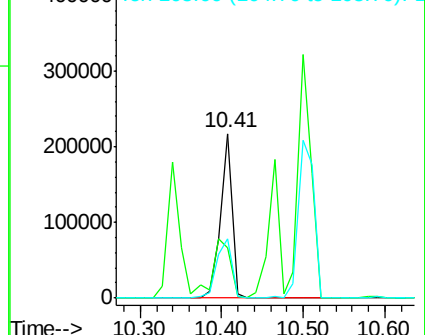
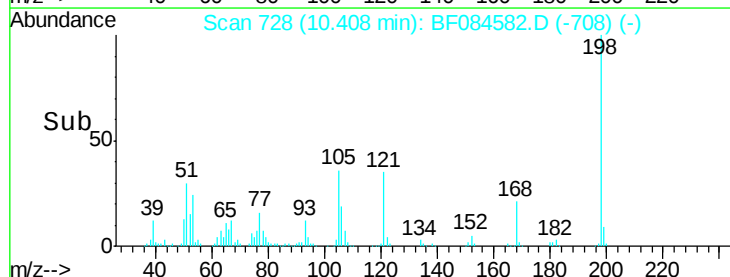
105 35.8 26.4 66.4

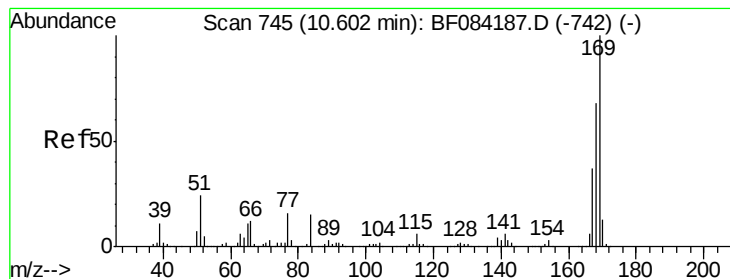


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.89 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

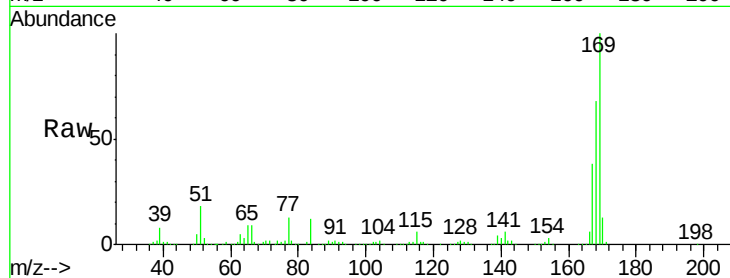
Tot Ion:169 Resp: 949208

Ion Ratio Lower Upper

169 100

168 67.6 55.1 82.7

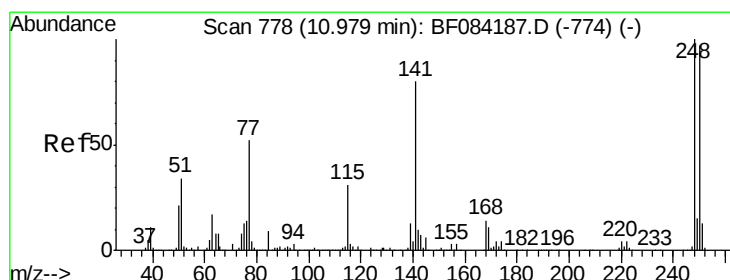
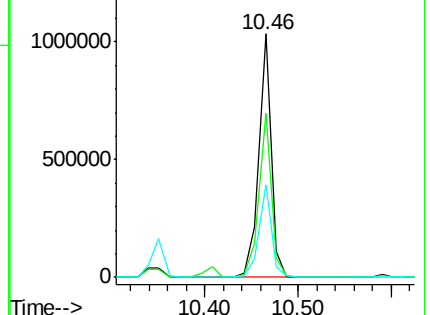
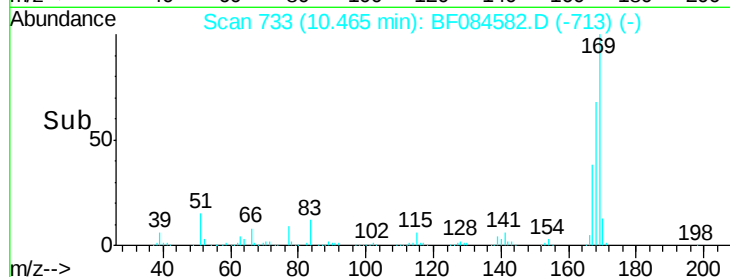
167 38.2 30.0 45.0



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: 36.97 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

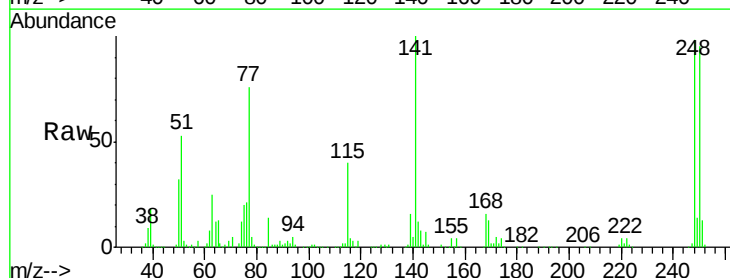
Tgt Ion:248 Resp: 311810

Ion Ratio Lower Upper

248 100

250 96.7 78.4 117.6

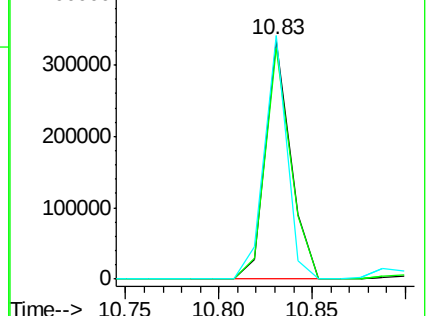
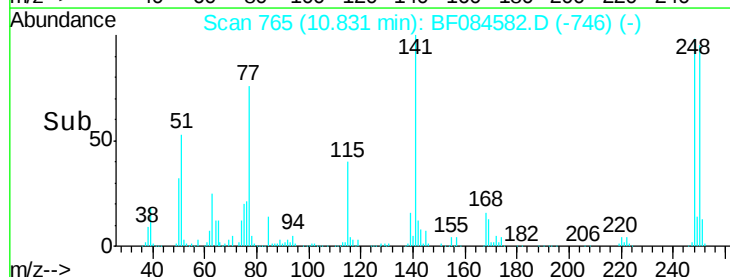
141 102.0 44.0 66.0#

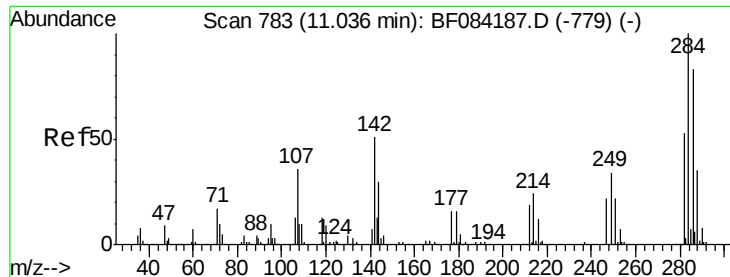


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

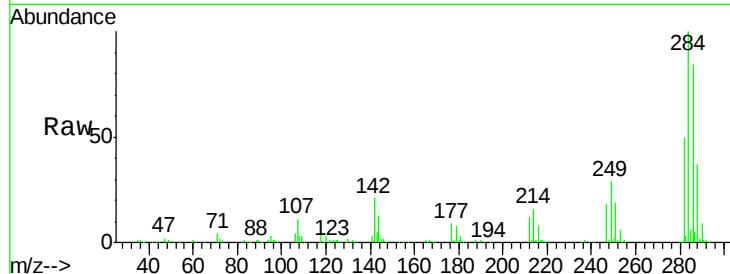




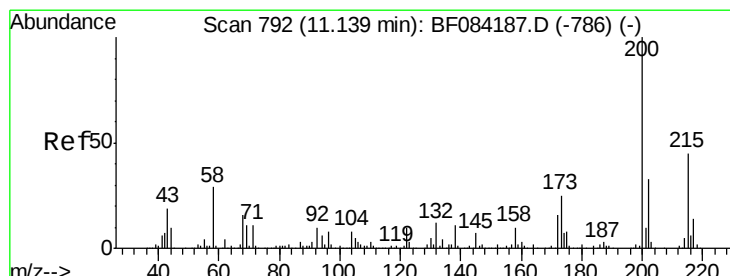
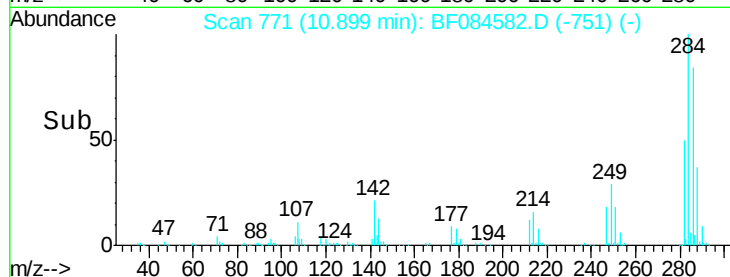
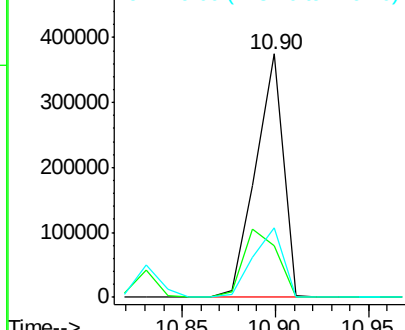
#67
Hexachlorobenzene
Concen: 40.64 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:284 Resp: 385716
Ion Ratio Lower Upper
284 100
142 21.4 22.2 33.4#
249 28.7 24.6 37.0

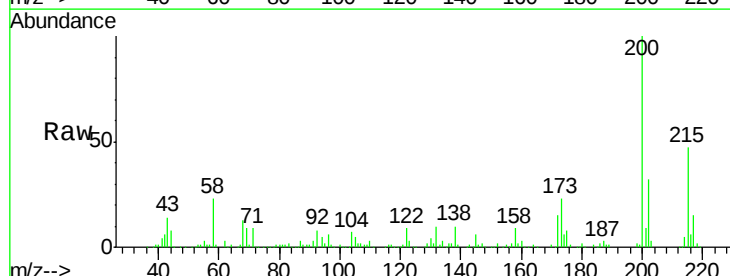


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

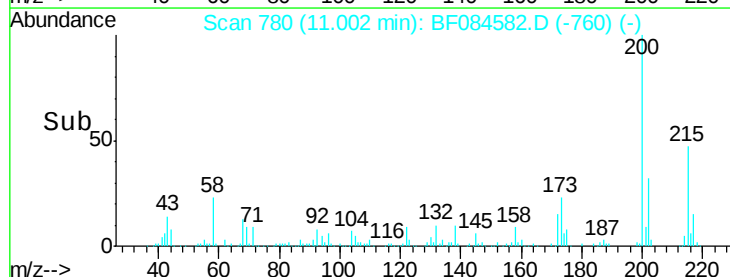
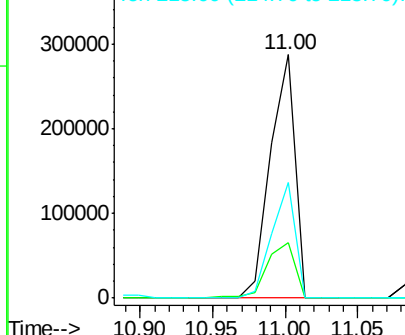


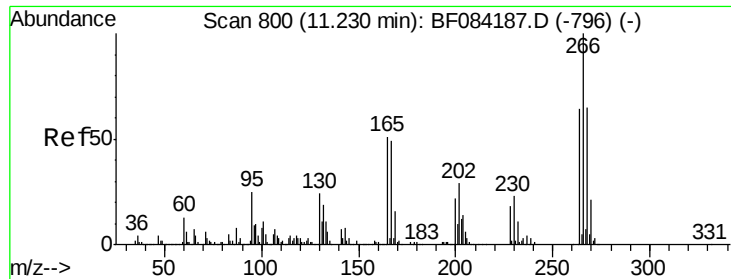
#68
Atrazine
Concen: 41.19 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.07 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Tgt Ion:200 Resp: 337681
Ion Ratio Lower Upper
200 100
173 22.9 9.5 49.5
215 47.5 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

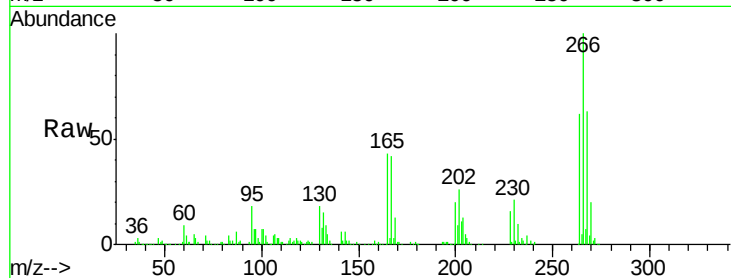




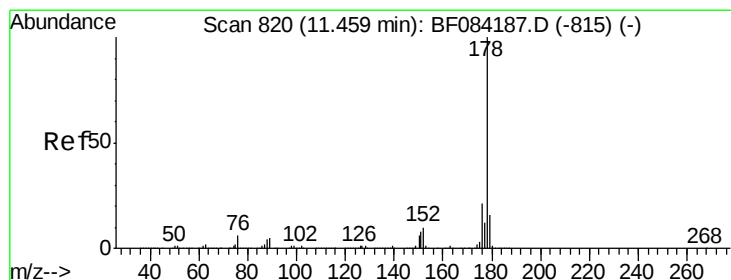
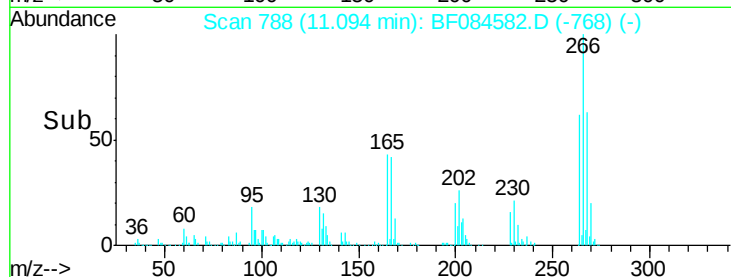
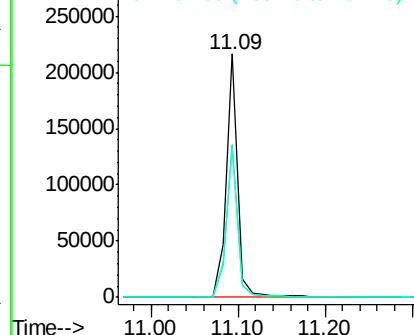
#69
 Pentachlorophenol
 Concen: 41.10 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.07 min
 Lab File: BF084582.D
 Acq: 21 Jan 2016 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 202282
 Ion Ratio Lower Upper
 266 100
 268 63.0 52.4 78.6
 264 62.0 50.2 75.2

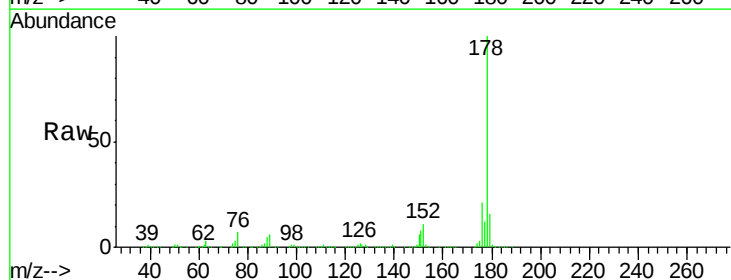


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

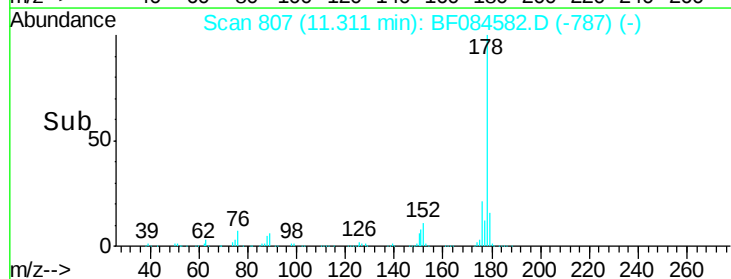
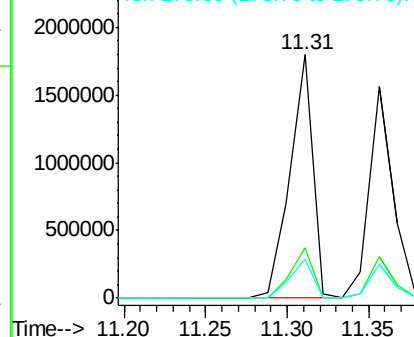


#70
 Phenanthrene
 Concen: 42.92 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.07 min
 Lab File: BF084582.D
 Acq: 21 Jan 2016 14:52

Tgt Ion:178 Resp: 1758921
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.3 22.9
 179 16.0 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: 39.58 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

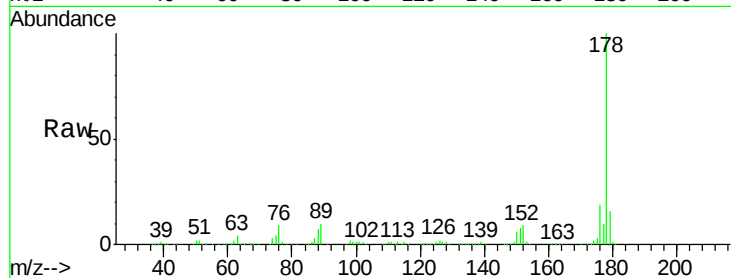
Tot Ion:178 Resp: 1590177

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

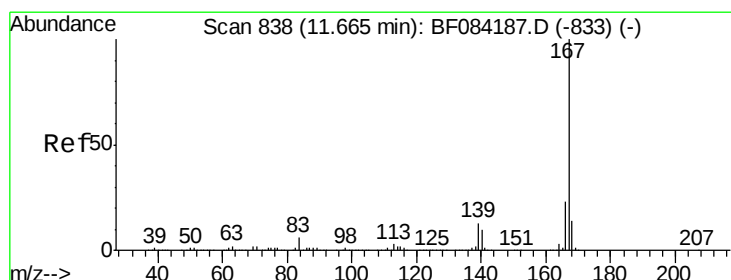
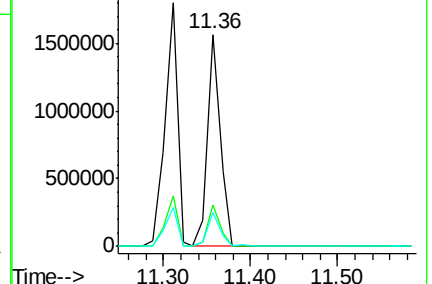
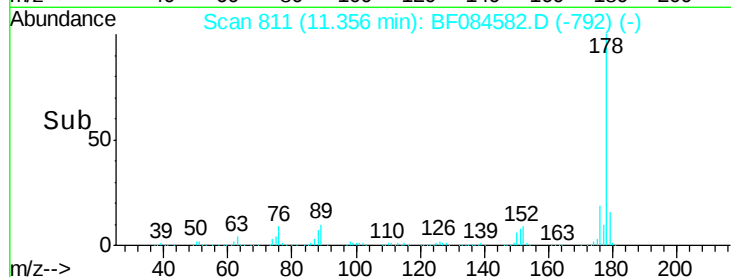
179 16.2 12.5 18.7



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: 35.13 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

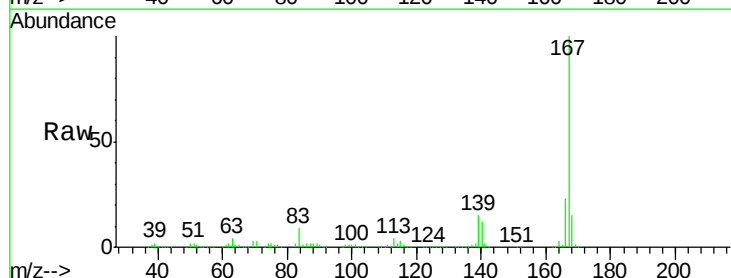
Tgt Ion:167 Resp: 1379858

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

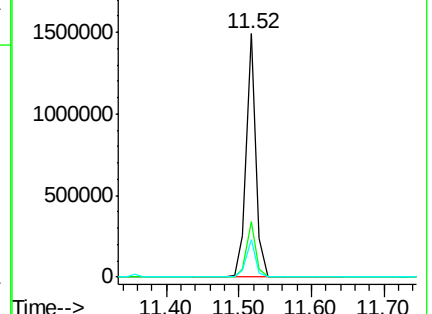
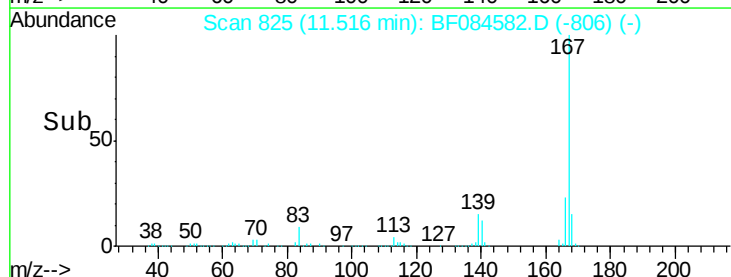
139 15.4 11.8 17.8

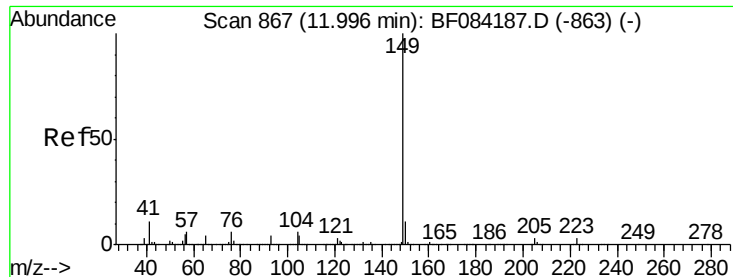


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.16 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

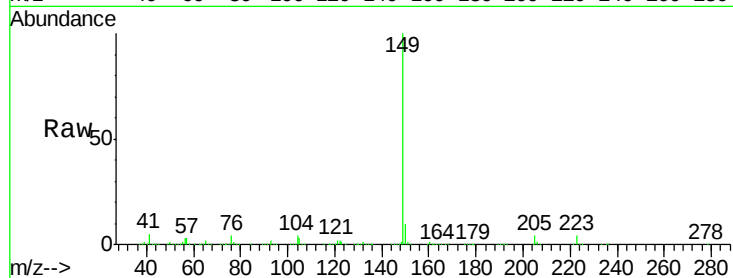
Tot Ion:149 Resp: 1914355

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

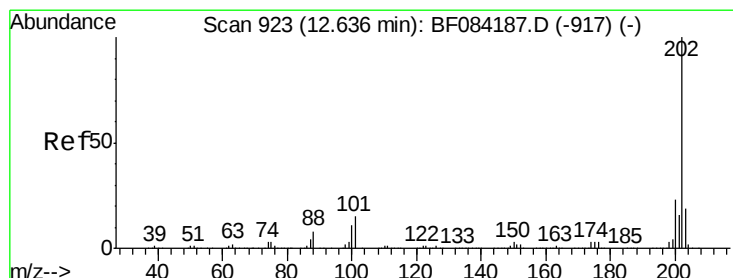
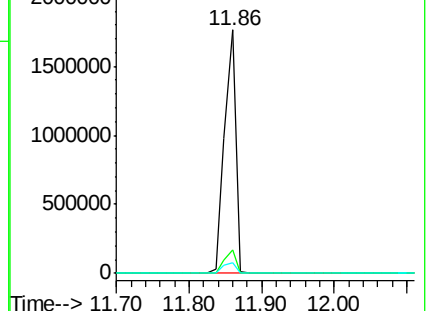
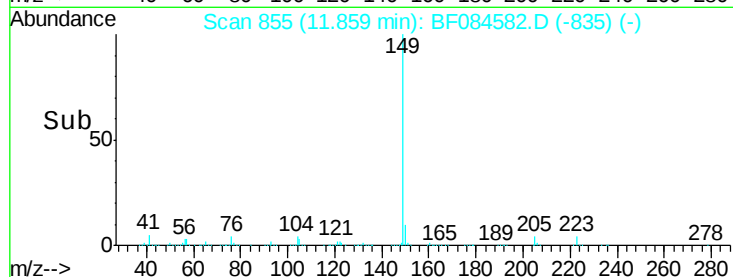
104 4.5 3.2 4.8



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: 39.09 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

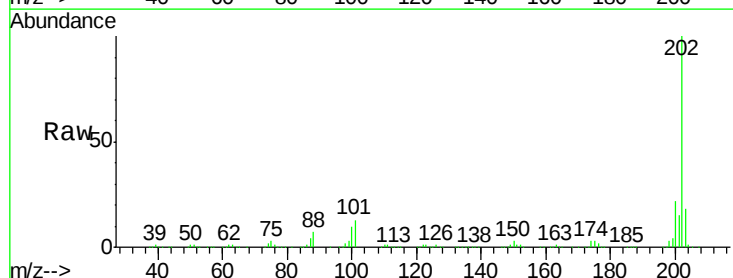
Tgt Ion:202 Resp: 1673689

Ion Ratio Lower Upper

202 100

101 13.4 0.0 32.8

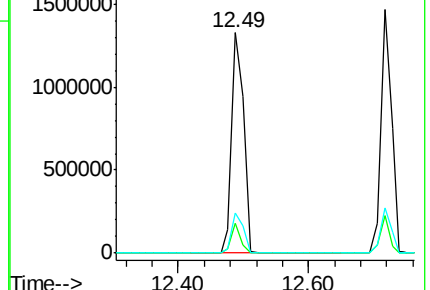
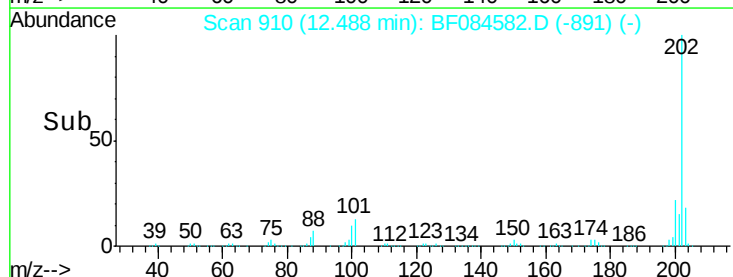
203 18.1 0.0 37.9

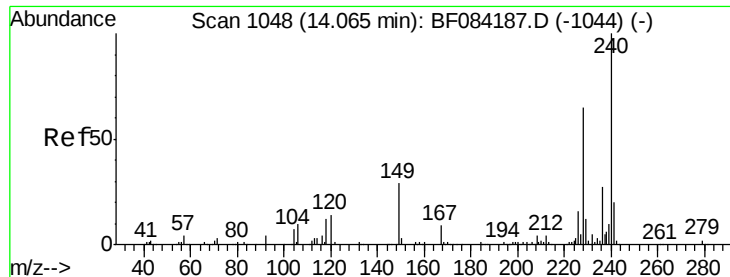


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 1035

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

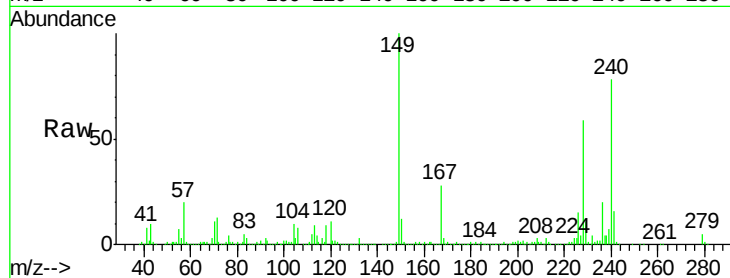
Tot Ion:240 Resp: 557010

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

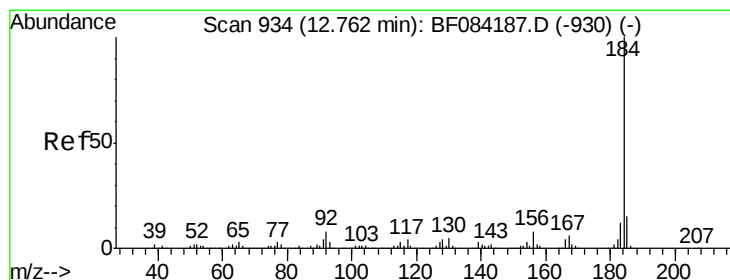
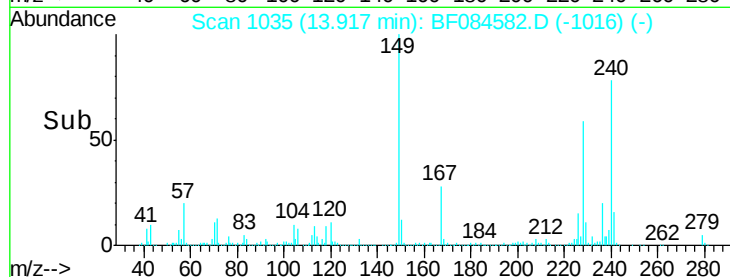
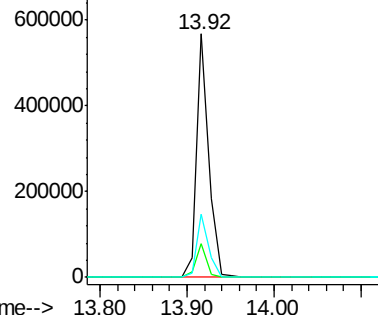
236 25.8 20.6 31.0



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: 16.59 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

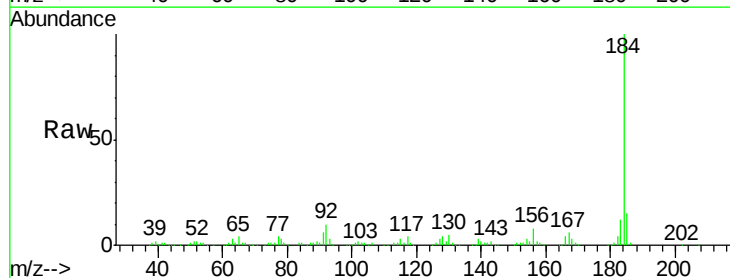
Tgt Ion:184 Resp: 331384

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

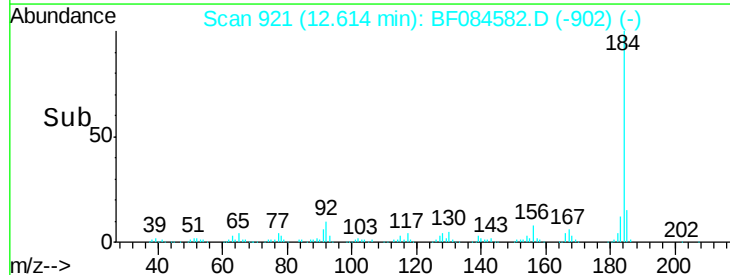
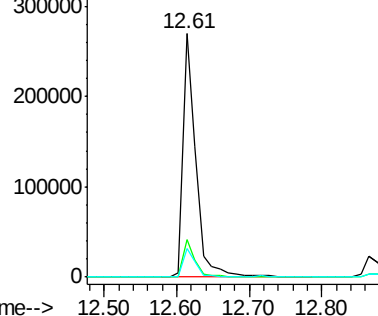
183 11.6 9.8 14.8

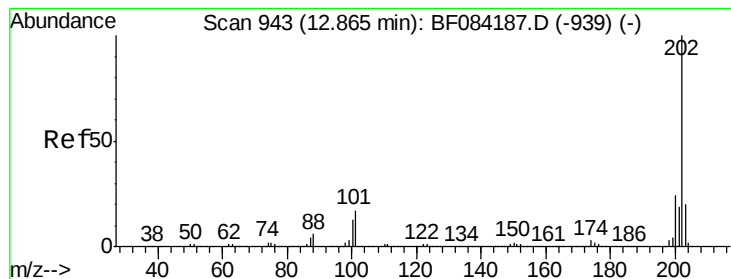


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.96 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.08 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

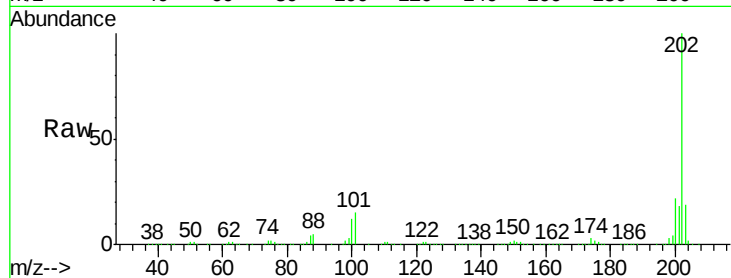
Tot Ion:202 Resp: 1659148

Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

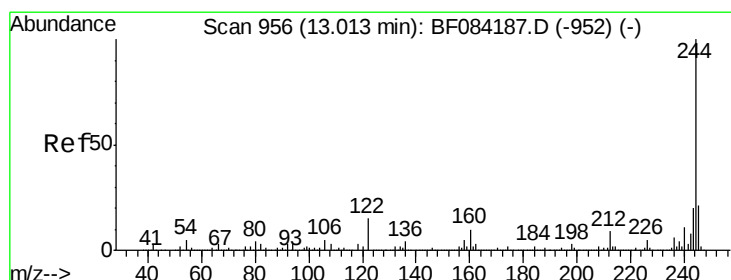
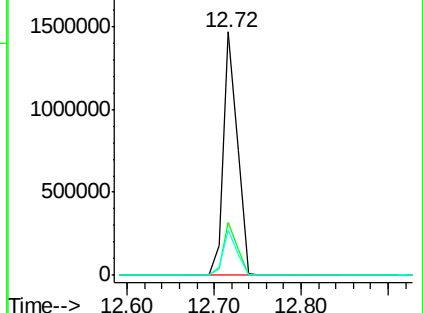
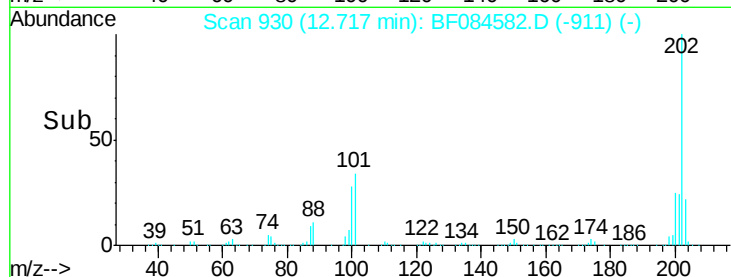
203 18.7 14.3 21.5



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: 82.17 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.07 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

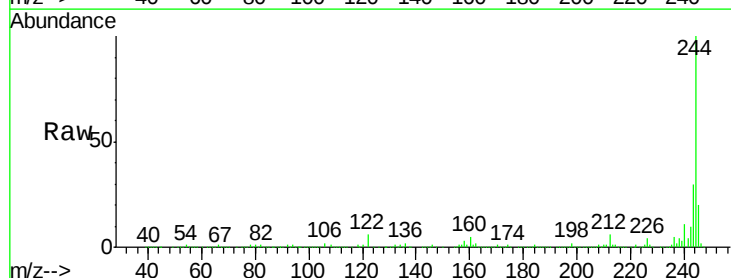
Tgt Ion:244 Resp: 2050428

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

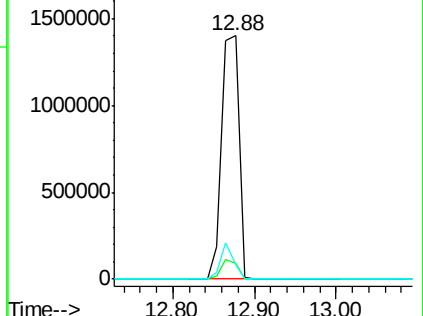
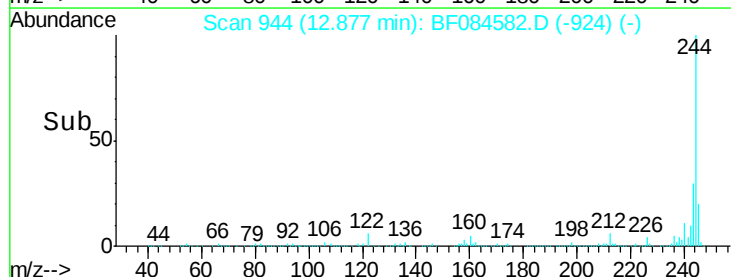
122 5.8 7.4 11.0#

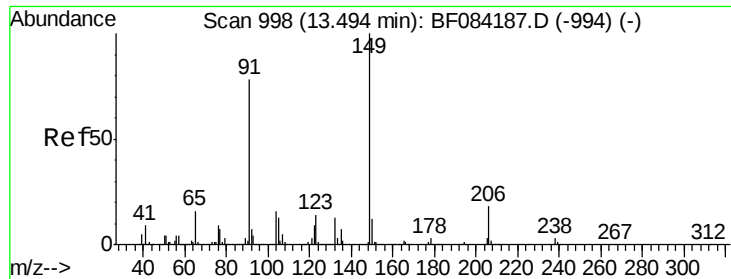


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

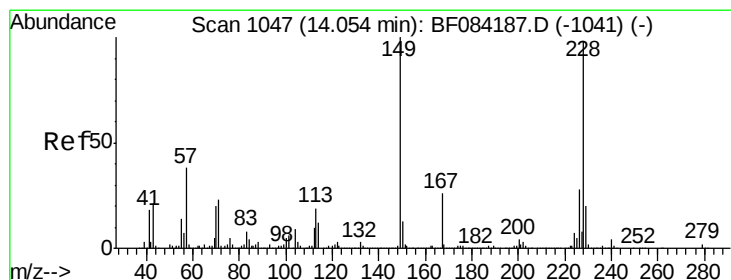
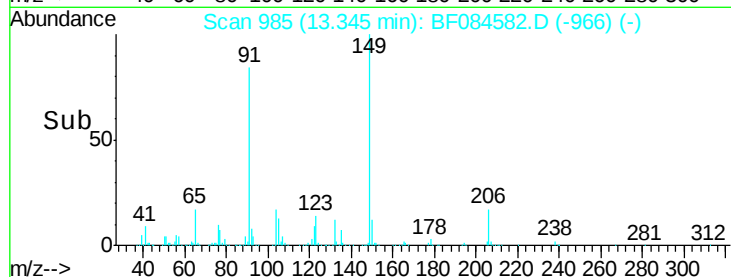
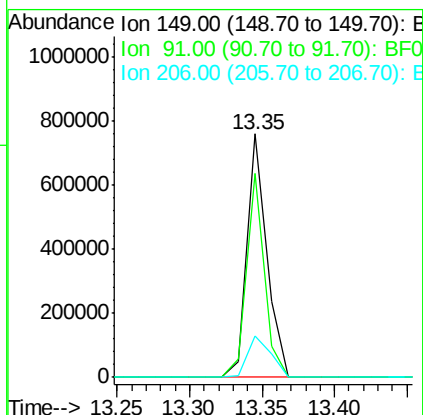
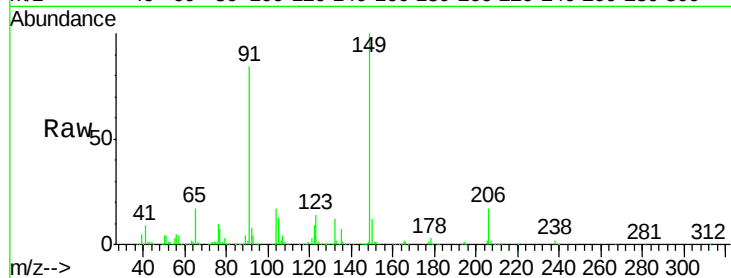




#79
Butylbenzylphthalate
Concen: 38.15 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.08 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

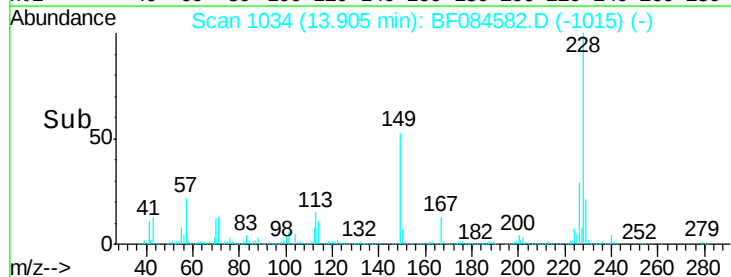
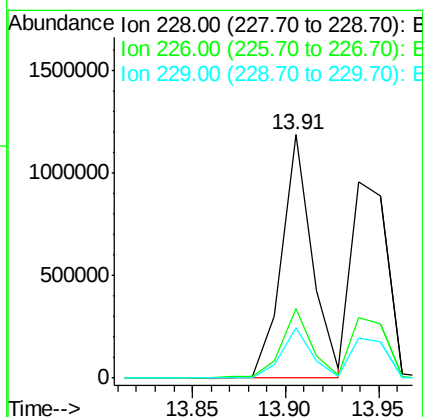
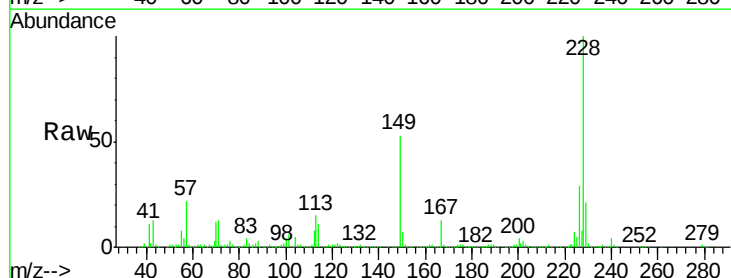
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.0	57.6	86.4
206	17.2	13.2	19.8



#80
Benzo(a)anthracene
Concen: 41.23 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.08 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.8	32.6
229	20.9	15.8	23.8

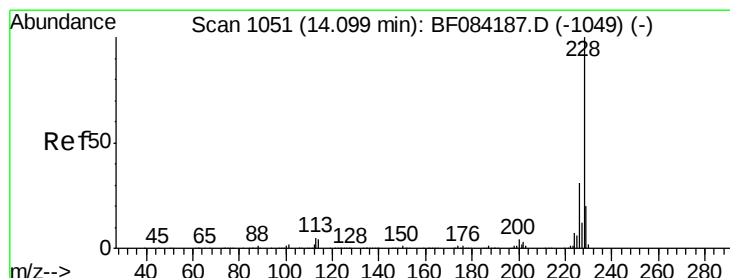
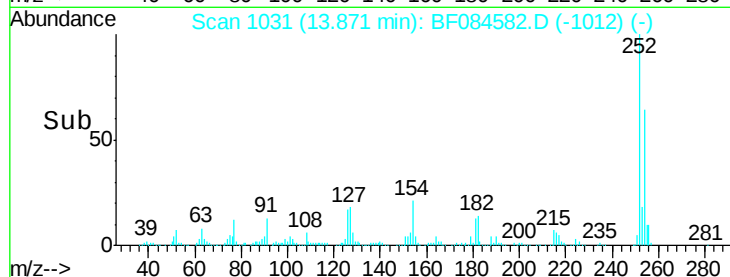
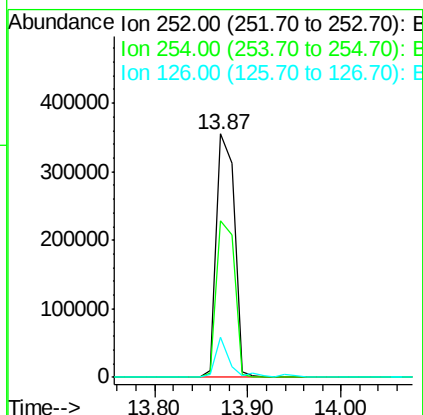
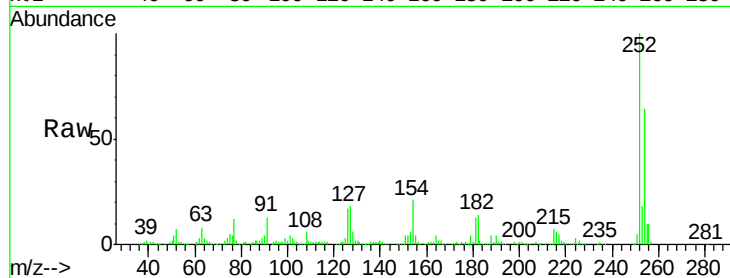




#81
 3,3'-Dichlorobenzidine
 Concen: 41.75 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.08 min
 Lab File: BF084582.D
 Acq: 21 Jan 2016 14:52

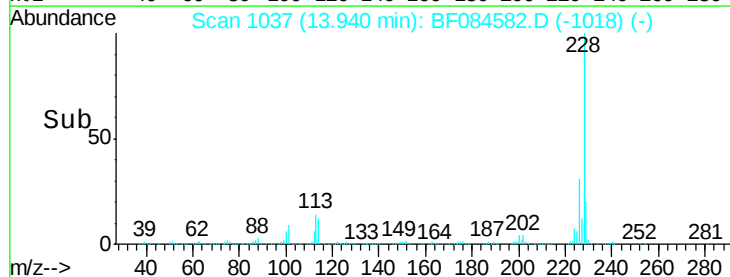
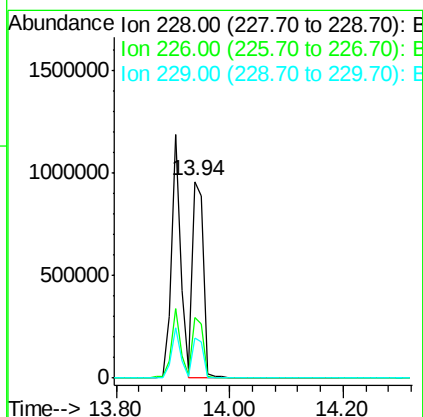
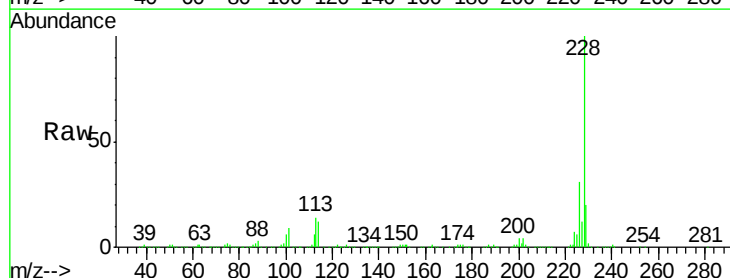
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:252 Resp: 476573
 Ion Ratio Lower Upper
 252 100
 254 64.1 53.5 80.3
 126 16.6 4.9 7.3#



#82
 Chrysene
 Concen: 41.40 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF084582.D
 Acq: 21 Jan 2016 14:52

Tgt Ion:228 Resp: 1301233
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.3 36.5
 229 20.5 16.1 24.1

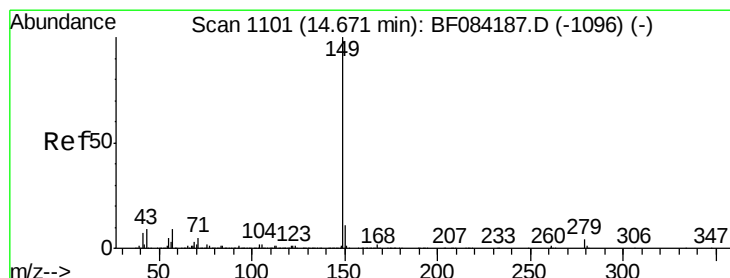
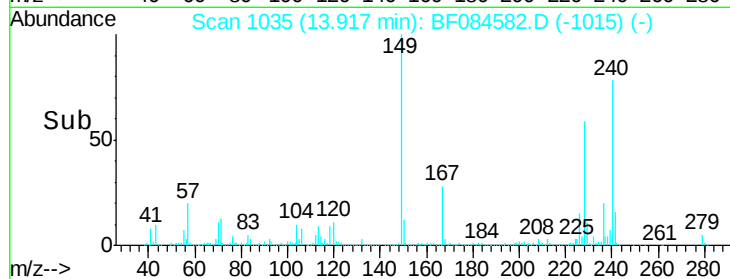
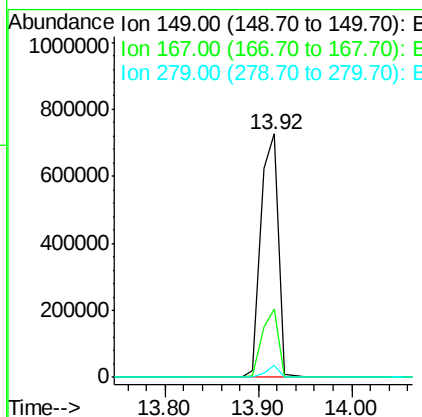
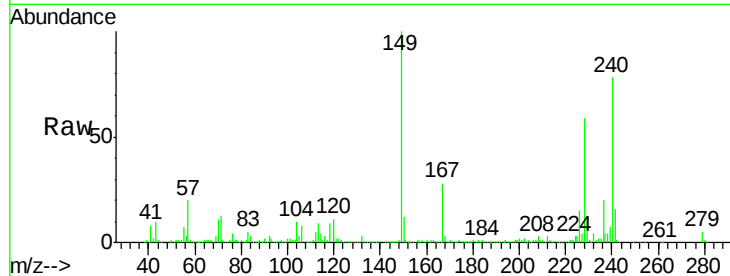




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.98 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.07 min
 Lab File: BF084582.D
 Acq: 21 Jan 2016 14:52

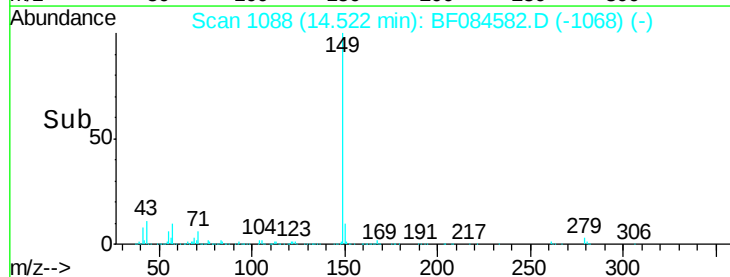
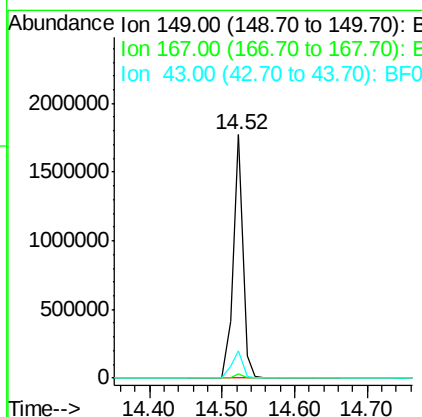
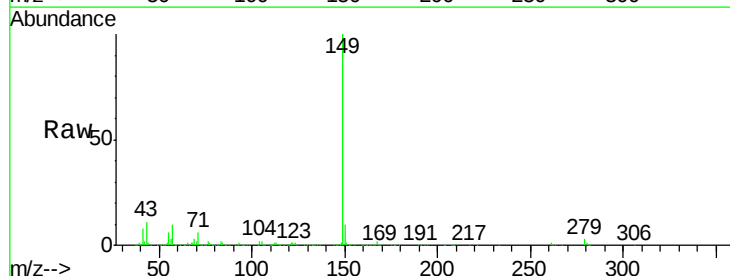
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:149 Resp: 955415
 Ion Ratio Lower Upper
 149 100
 167 28.0 19.7 29.5
 279 4.7 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 40.33 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.07 min
 Lab File: BF084582.D
 Acq: 21 Jan 2016 14:52

Tgt Ion:149 Resp: 1627240
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.2 5.6 8.4#

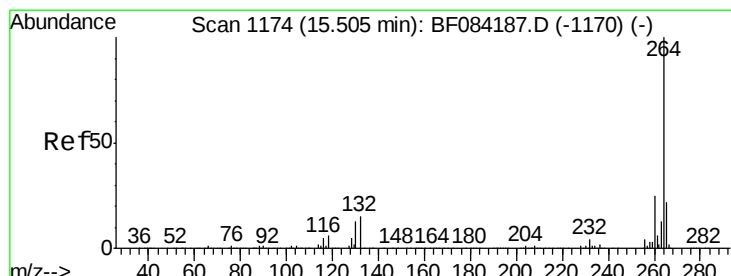
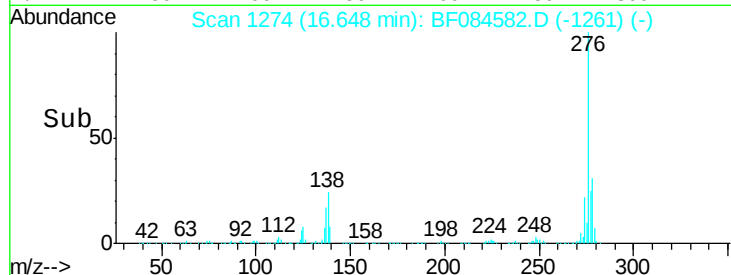
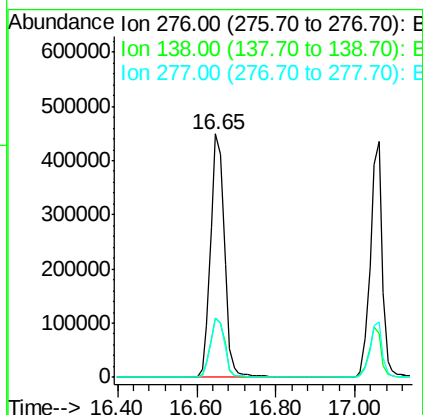
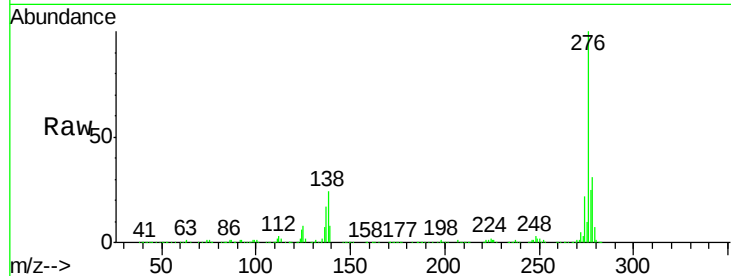




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.50 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.15 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

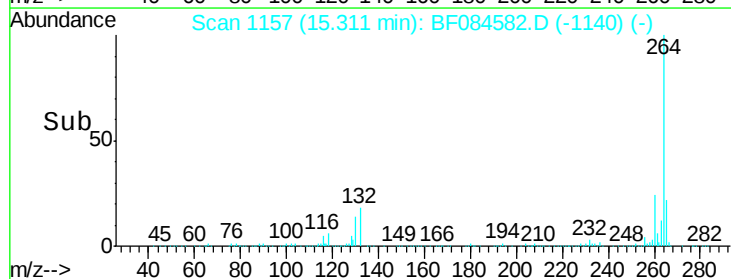
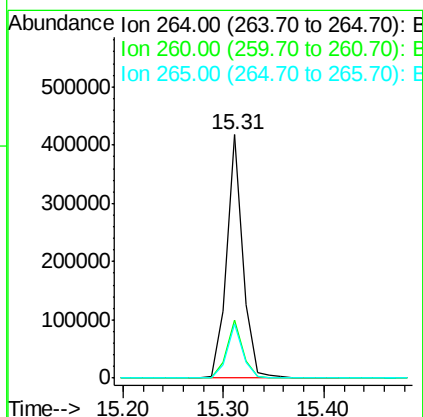
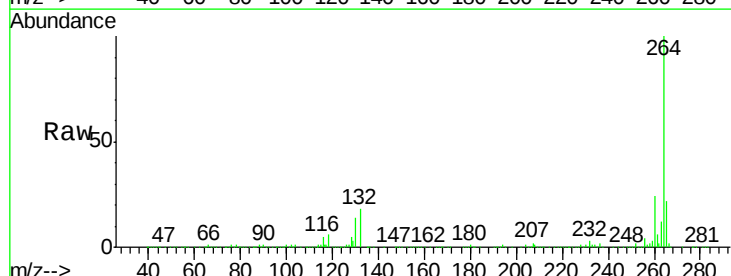
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

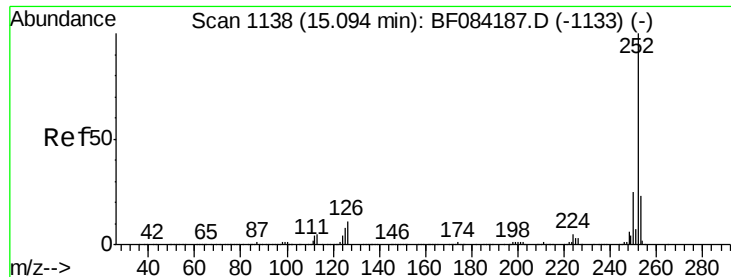
Tot Ion:276 Resp: 1083805
Ion Ratio Lower Upper
276 100
138 25.5 20.6 30.8
277 24.8 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.10 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Tgt Ion:264 Resp: 469539
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 22.2 17.8 26.6

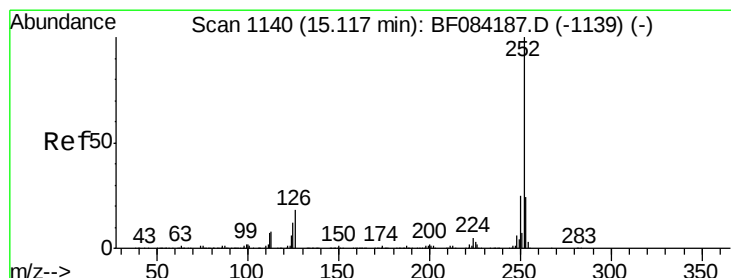
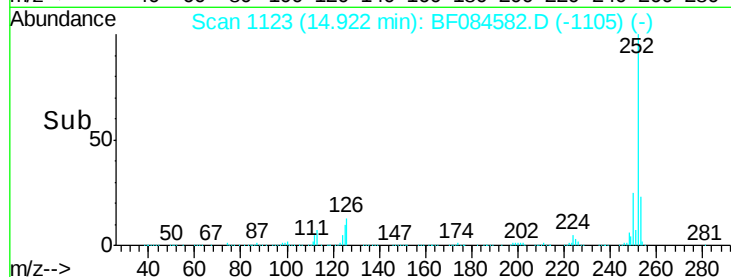
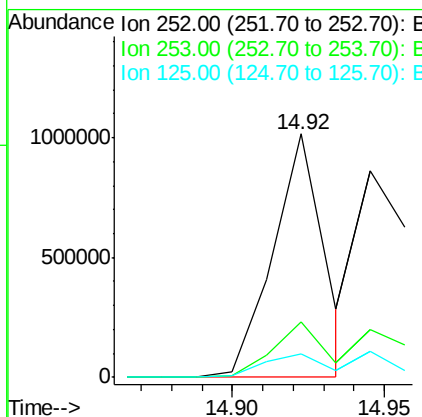
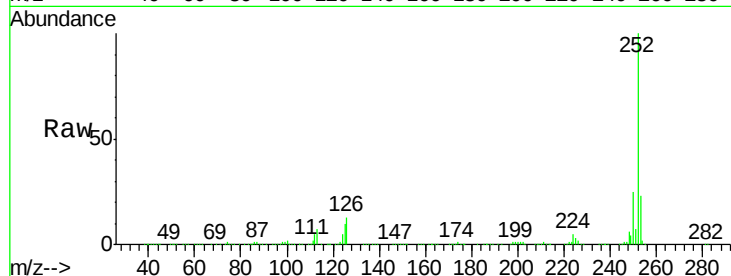




#87
Benzo(b)fluoranthene
Concen: 38.64 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.09 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

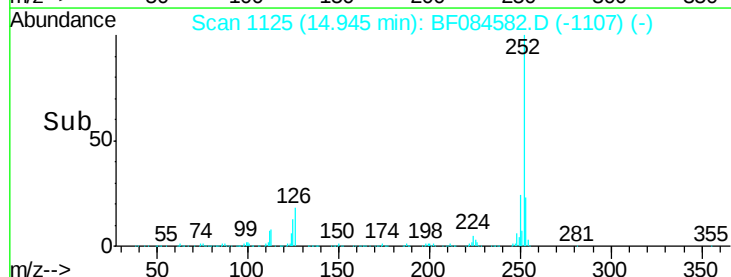
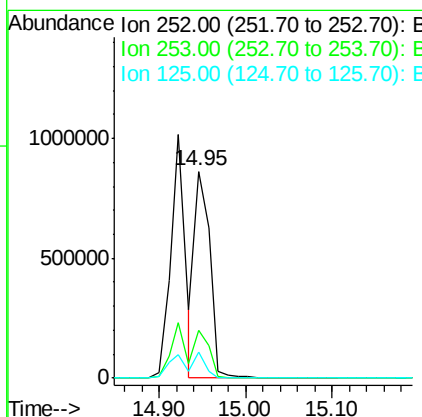
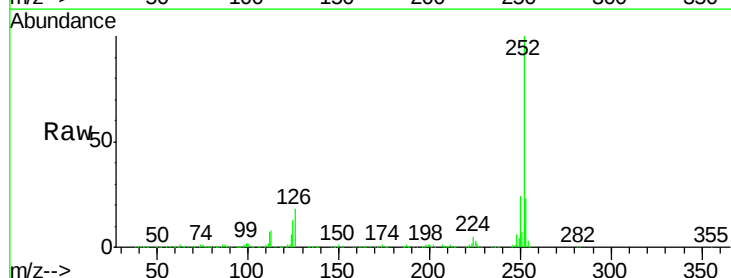
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

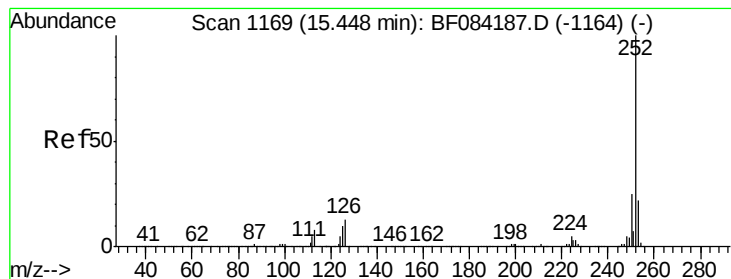
Tot Ion:252 Resp: 1186737
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 9.5 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 42.77 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.09 min
Lab File: BF084582.D
Acq: 21 Jan 2016 14:52

Tgt Ion:252 Resp: 1074462
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 12.5 9.0 13.6





#89

Benzo(a)pyrene

Concen: 40.23 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.10 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

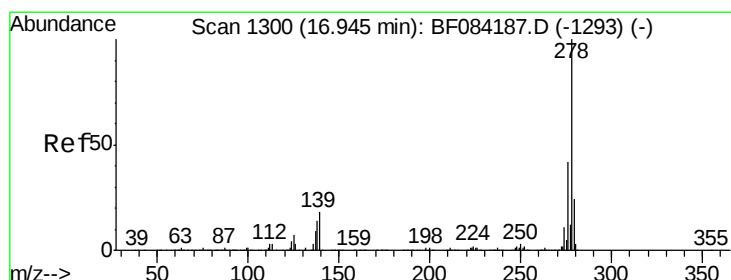
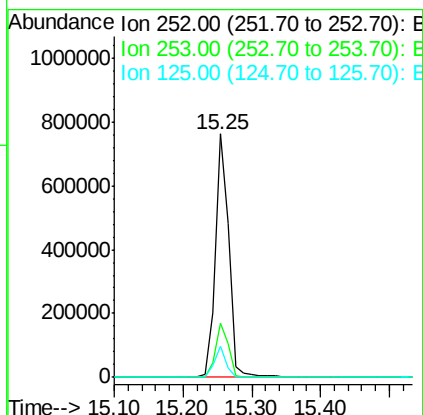
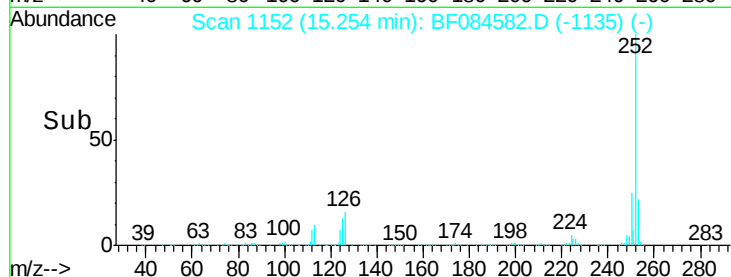
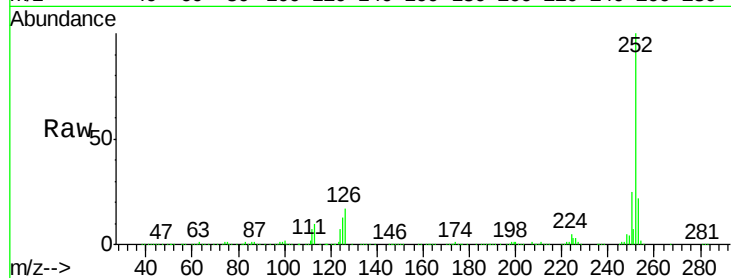
Tot Ion:252 Resp: 1048035

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 12.7 7.0 10.4#



#90

Dibenzo(a,h)anthracene

Concen: 39.70 ng

RT: 16.67 min Scan# 1276

Delta R.T. -0.14 min

Lab File: BF084582.D

Acq: 21 Jan 2016 14:52

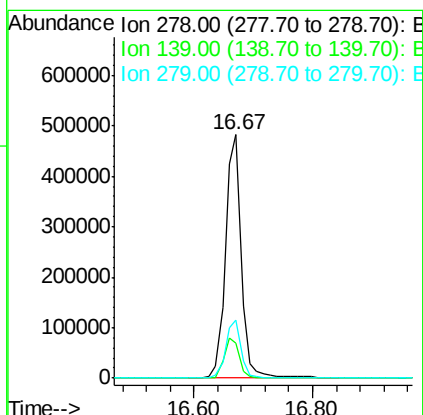
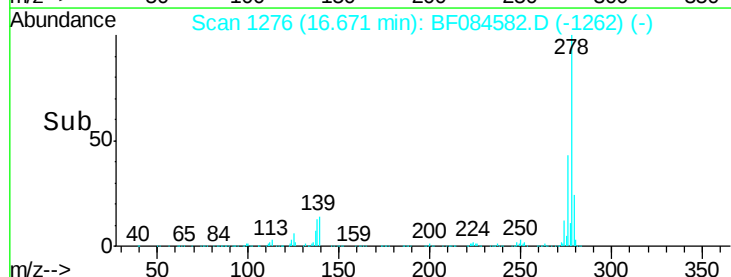
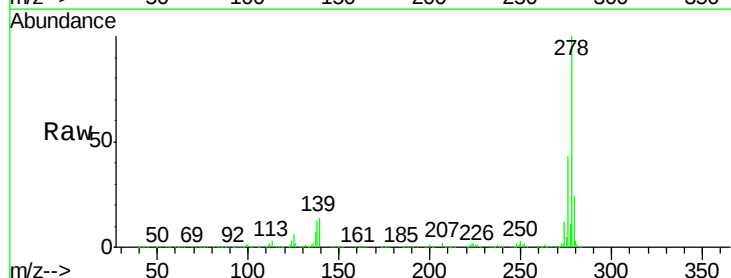
Tgt Ion:278 Resp: 890038

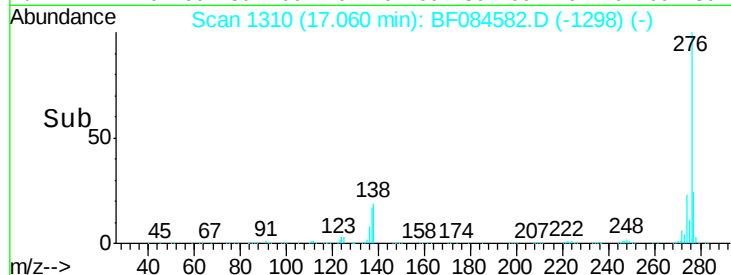
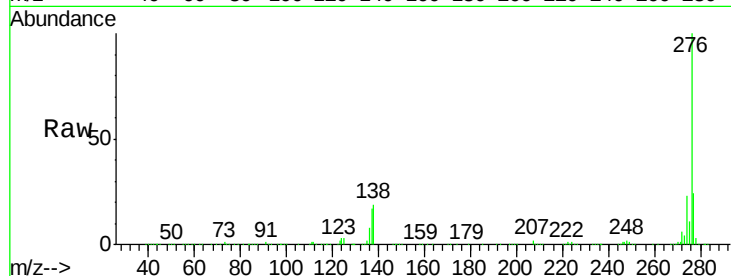
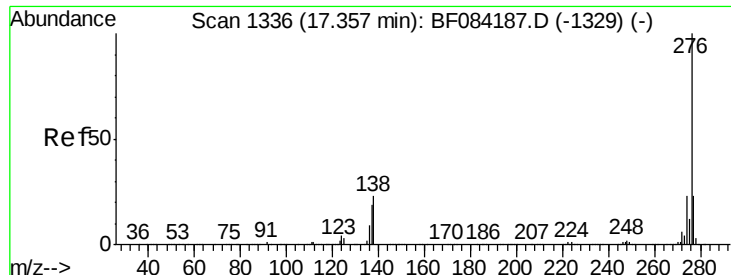
Ion Ratio Lower Upper

278 100

139 14.3 15.0 22.4#

279 23.9 18.9 28.3





#91
 Benzo(a,h,i)perylene
 Concen: 39.55 ng
 RT: 17.06 min Scan# 1310
 Delta R.T. -0.16 min
 Lab File: BF084582.D
 Acq: 21 Jan 2016 14:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	18.9	17.8	26.6

