

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084875.D
 Acq On : 5 Feb 2016 22:24
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Feb 05 23:42:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	183241	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	739909	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	330881	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	576315	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	360037	20.00	ng	-0.03
86) Perylene-d12	15.17	264	332815	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	875473	74.42	ng	-0.03
7) Phenol-d6	6.32	99	1071363	73.46	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1075998	81.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	252249	73.09	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1844635	99.63	ng	-0.02
78) Terphenyl-d14	12.76	244	1329617	83.68	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.13	88	175942	34.14	ng	# 78
3) Pyridine	2.80	79	521835	38.87	ng	# 76
4) n-Nitrosodimethylamine	2.75	42	266307	38.35	ng	82
6) Aniline	6.33	93	699502	39.20	ng	# 82
8) 2-Chlorophenol	6.45	128	524553	39.39	ng	91
9) Benzaldehyde	6.20	77	313357	36.38	ng	98
10) Phenol	6.33	94	560464	34.30	ng	# 38
11) bis(2-Chloroethyl)ether	6.41	93	494269	38.79	ng	86
12) 1,3-Dichlorobenzene	6.68	146	577979	41.08	ng	97
13) 1,4-Dichlorobenzene	6.68	146	577979	41.09	ng	94
14) 1,2-Dichlorobenzene	6.83	146	461497	35.23	ng	96
15) Benzyl Alcohol	6.82	79	367671	36.51	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	808013	37.70	ng	90
17) 2-Methylphenol	6.94	107	422750	40.14	ng	# 92
18) Hexachloroethane	7.17	117	214781	39.65	ng	98
19) n-Nitroso-di-n-propylamine	7.09	70	329261	36.02	ng	# 75
20) 3+4-Methylphenols	7.10	107	527816	40.38	ng	89
22) Acetophenone	7.08	105	729423	37.40	ng	# 99
24) Nitrobenzene	7.25	77	489661	34.81	ng	93
25) Isophorone	7.50	82	980784	38.40	ng	96
26) 2-Nitrophenol	7.57	139	292284	42.13	ng	# 90
27) 2,4-Dimethylphenol	7.63	122	448073	37.13	ng	88
28) bis(2-Chloroethoxy)methane	7.72	93	566883	37.41	ng	# 97
29) 2,4-Dichlorophenol	7.82	162	402776	39.01	ng	93
30) 1,2,4-Trichlorobenzene	7.89	180	427473	36.66	ng	96
31) Naphthalene	7.97	128	1394984	37.59	ng	99
32) Benzoic acid	7.78	122	316545	41.02	ng	95
33) 4-Chloroaniline	8.03	127	553566	36.06	ng	99
34) Hexachlorobutadiene	8.10	225	264812	39.38	ng	99
35) Caprolactam	8.42	113	114260	35.91	ng	# 52
36) 4-Chloro-3-methylphenol	8.52	107	405353	34.42	ng	93
37) 2-Methylnaphthalene	8.66	142	842869	36.29	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	418454	39.82	ng	99
40) Hexachlorocyclopentadiene	8.82	237	173364	45.60	ng	98

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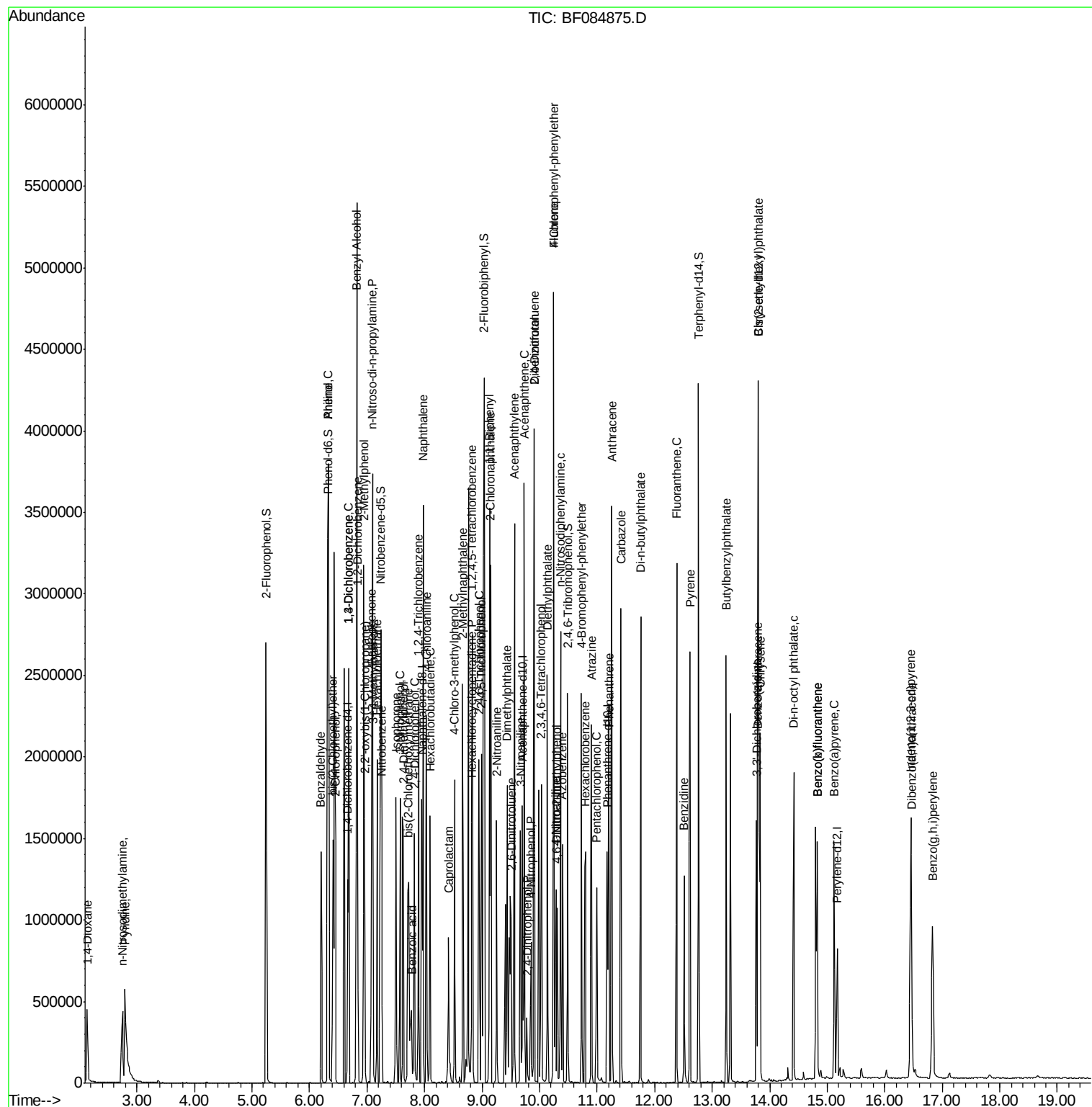
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	249884	36.91	ng	96
43) 2,4,5-Trichlorophenol	8.99	196	272273	39.58	ng #	90
45) 1,1'-Biphenyl	9.13	154	1056059	35.73	ng	99
46) 2-Chloronaphthalene	9.15	162	825203	37.92	ng	94
47) 2-Nitroaniline	9.25	65	266239	38.63	ng	96
48) Acenaphthylene	9.56	152	1236128	37.43	ng	97
49) Dimethylphthalate	9.44	163	972130	38.57	ng #	89
50) 2,6-Dinitrotoluene	9.50	165	233406	42.40	ng	90
51) Acenaphthene	9.73	154	778059	36.21	ng	98
52) 3-Nitroaniline	9.66	138	212426	34.34	ng	95
53) 2,4-Dinitrophenol	9.78	184	78832	34.58	ng #	82
54) Dibenzofuran	9.90	168	997623	37.99	ng	94
55) 4-Nitrophenol	9.85	139	170150	37.42	ng	92
56) 2,4-Dinitrotoluene	9.90	165	294094	41.88	ng #	91
57) Fluorene	10.25	166	852856	38.89	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	218837	41.79	ng	90
59) Diethylphthalate	10.13	149	899270	36.54	ng	99
60) 4-Chlorophenyl-phenylether	10.25	204	433760	47.48	ng #	88
61) 4-Nitroaniline	10.28	138	251392	41.70	ng	88
62) Azobenzene	10.40	77	892083	37.70	ng	85
64) 4,6-Dinitro-2-methylphenol	10.30	198	140411	39.47	ng #	55
65) n-Nitrosodiphenylamine	10.36	169	682353	37.29	ng	98
66) 4-Bromophenyl-phenylether	10.73	248	254170	39.93	ng #	76
67) Hexachlorobenzene	10.80	284	296553	42.76	ng #	87
68) Atrazine	10.90	200	245671	42.51	ng	98
69) Pentachlorophenol	10.99	266	138930	42.62	ng	98
70) Phenanthrene	11.21	178	1276291	39.93	ng	99
71) Anthracene	11.25	178	1248321	38.76	ng	99
72) Carbazole	11.41	167	1075346	38.29	ng	99
73) Di-n-butylphthalate	11.76	149	1524798	42.64	ng #	98
74) Fluoranthene	12.39	202	1268767	39.22	ng	97
76) Benzidine	12.51	184	487926	38.40	ng	99
77) Pyrene	12.61	202	1292753	46.90	ng	99
79) Butylbenzylphthalate	13.24	149	556880	44.53	ng	97
80) Benzo(a)anthracene	13.79	228	912797	40.85	ng	99
81) 3,3'-Dichlorobenzidine	13.77	252	327961	41.45	ng #	98
82) Chrysene	13.84	228	938175	43.30	ng	99
83) Bis(2-ethylhexyl)phthalate	13.80	149	667323	42.88	ng	100
84) Di-n-octyl phthalate	14.42	149	1068974	41.64	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.45	276	870665	51.05	ng	99
87) Benzo(b)fluoranthene	14.83	252	1509772	67.52	ng #	97
88) Benzo(k)fluoranthene	14.83	252	1510525	81.70	ng #	95
89) Benzo(a)pyrene	15.12	252	705029	37.00	ng #	95
90) Dibenzo(a,h)anthracene	16.47	278	714618	44.55	ng #	95
91) Benzo(g,h,i)perylene	16.83	276	755528	46.76	ng	98

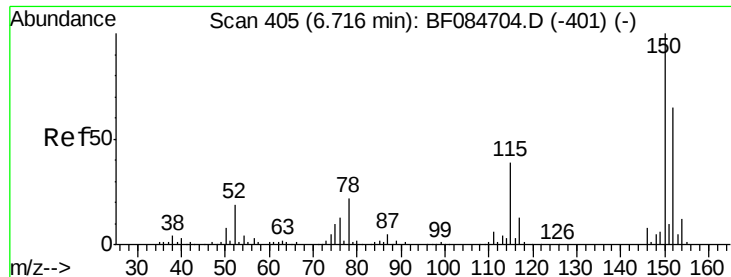
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

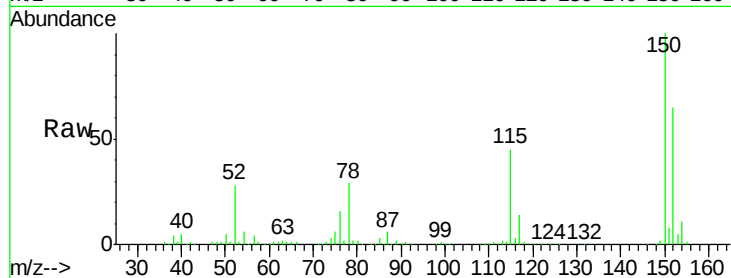
Tgt Ion:152 Resp: 183241

Ion Ratio Lower Upper

152 100

150 153.7 123.0 184.4

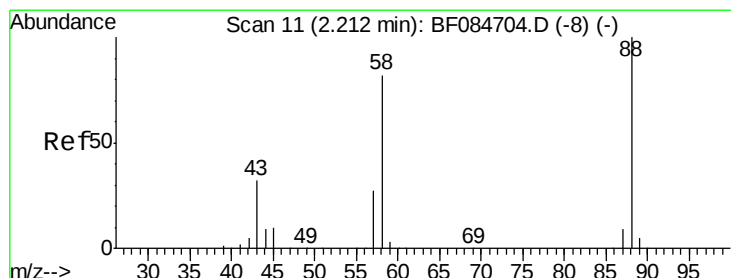
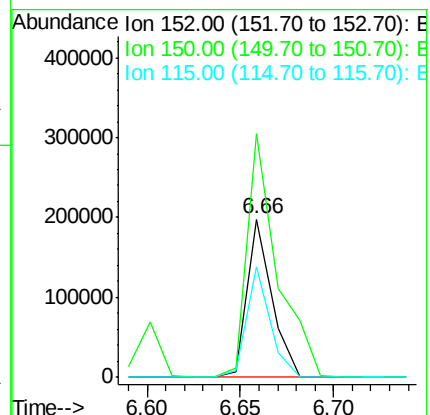
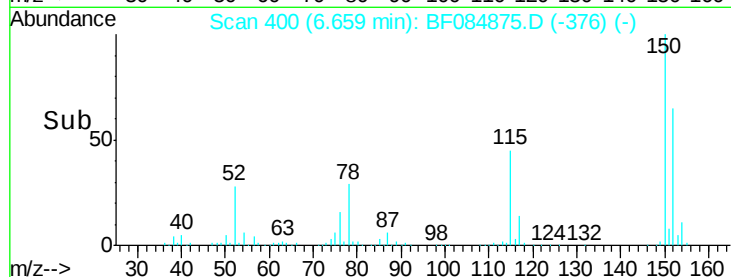
115 69.4 51.4 77.2



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: 34.14 ng

RT: 2.13 min Scan# 4

Delta R.T. -0.05 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

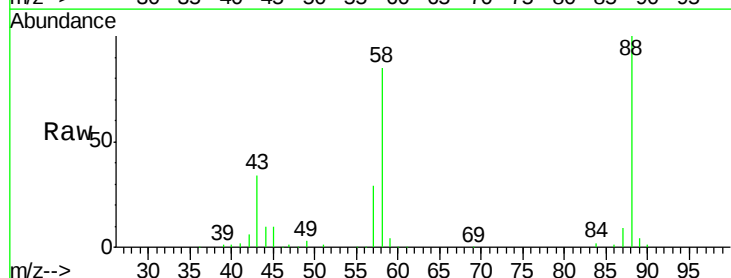
Tgt Ion: 88 Resp: 175942

Ion Ratio Lower Upper

88 100

58 82.3 51.2 76.8#

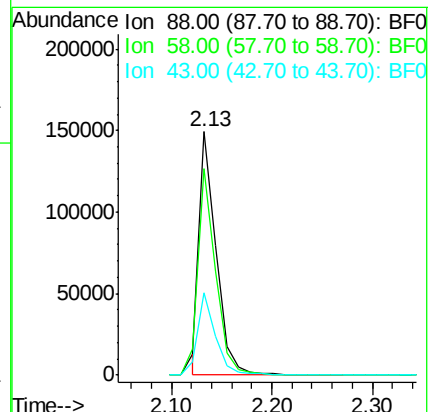
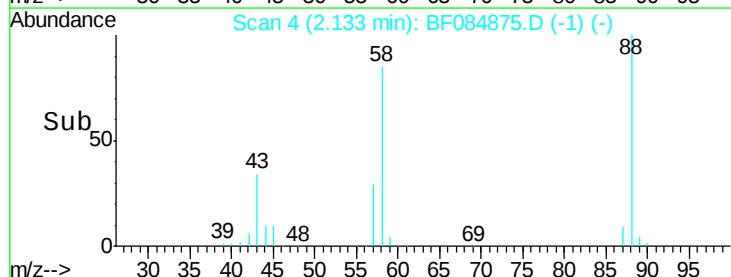
43 33.7 19.5 29.3#

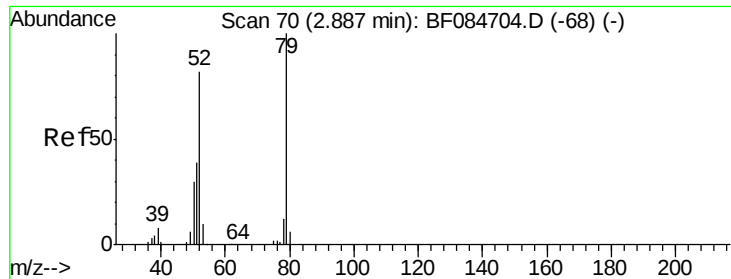


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.87 ng

RT: 2.80 min Scan# 62

Delta R.T. -0.05 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

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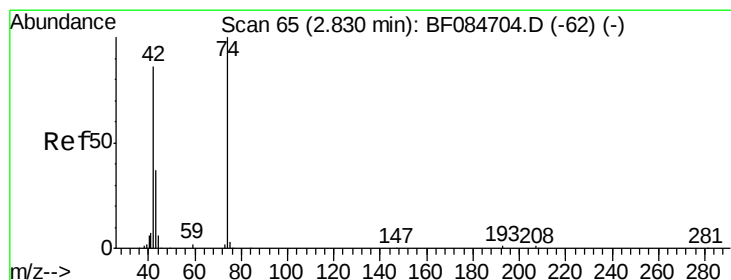
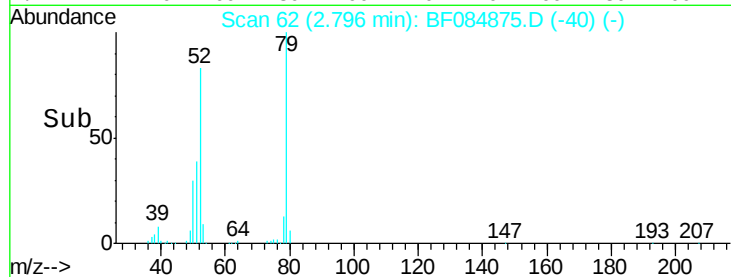
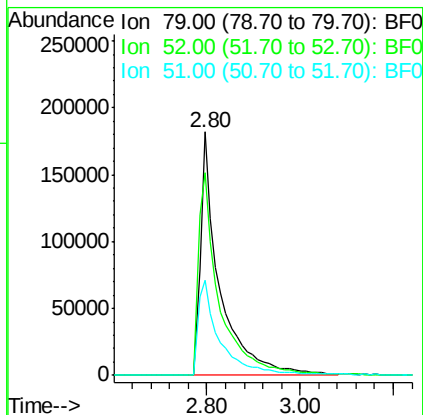
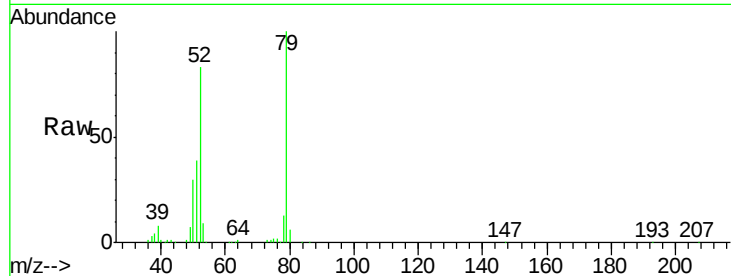
Tgt Ion: 79 Resp: 521835

Ion Ratio Lower Upper

79 100

52 83.4 49.0 73.4#

51 39.3 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 38.35 ng

RT: 2.75 min Scan# 58

Delta R.T. -0.05 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

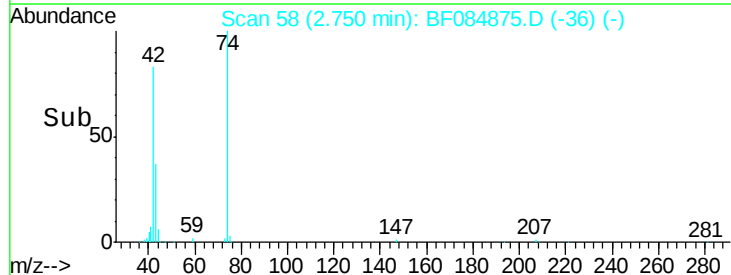
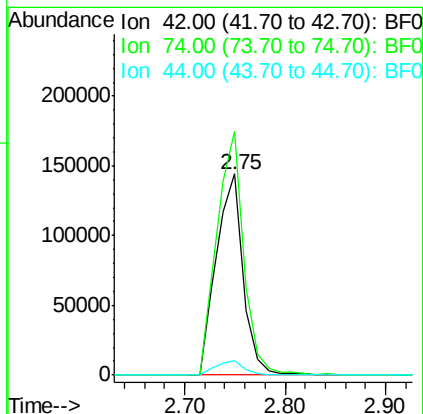
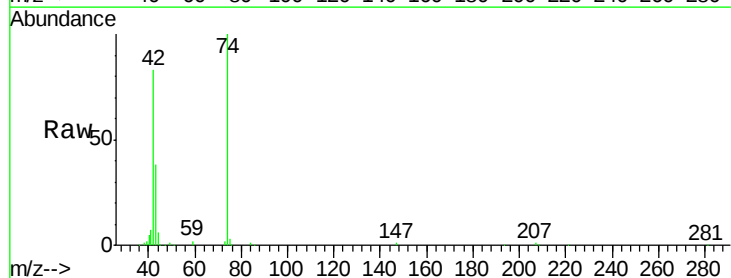
Tgt Ion: 42 Resp: 266307

Ion Ratio Lower Upper

42 100

74 121.2 115.7 173.5

44 7.3 5.1 7.7





#5

2-Fluorophenol

Concen: 74.42 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

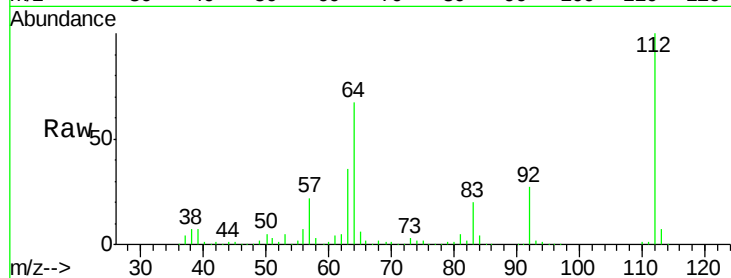
Tgt Ion: 112 Resp: 875473

Ion Ratio Lower Upper

112 100

64 67.4 36.6 55.0#

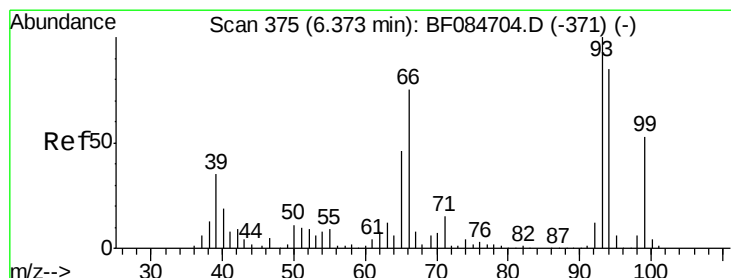
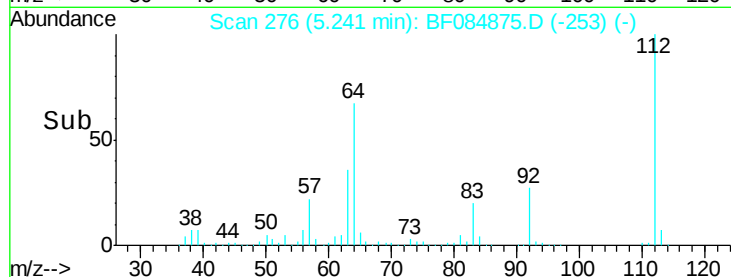
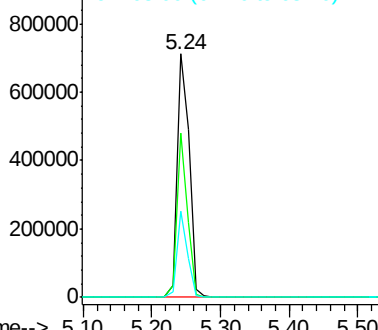
63 35.6 19.4 29.0#



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: 39.20 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

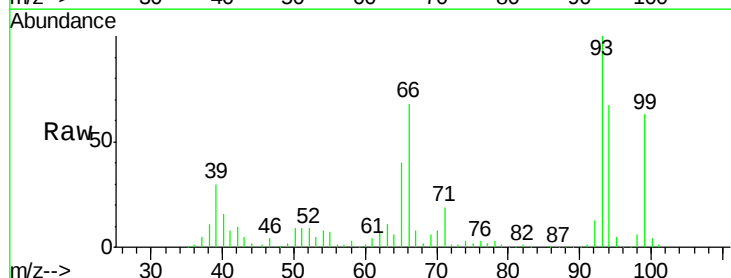
Tgt Ion: 93 Resp: 699502

Ion Ratio Lower Upper

93 100

66 68.2 44.9 67.3#

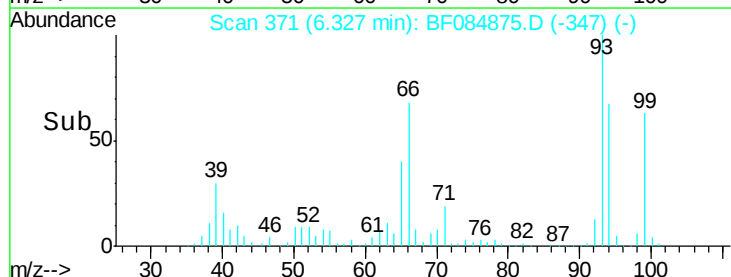
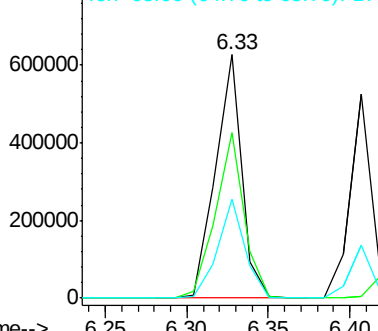
65 40.4 23.7 35.5#

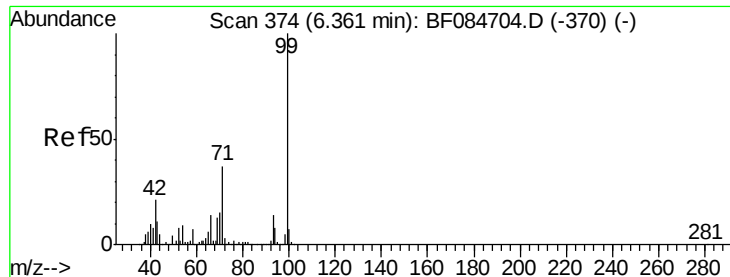


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.46 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084875.D

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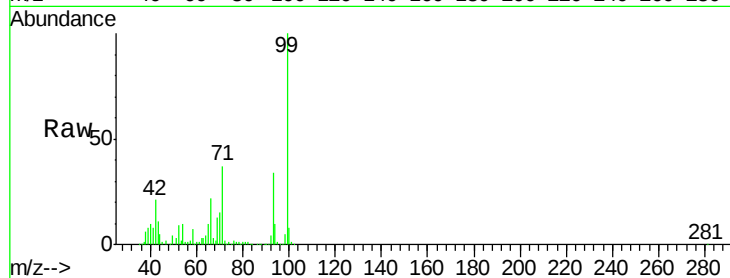
Tgt Ion: 99 Resp: 1071363

Ion Ratio Lower Upper

99 100

42 20.8 12.8 19.2#

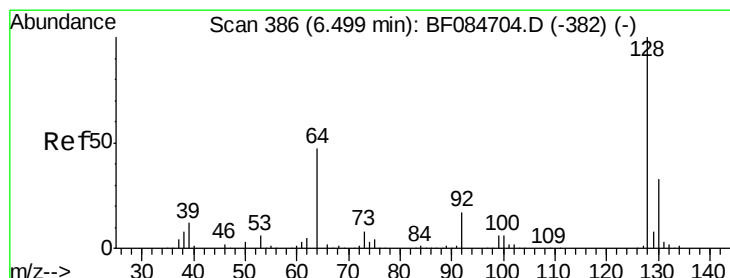
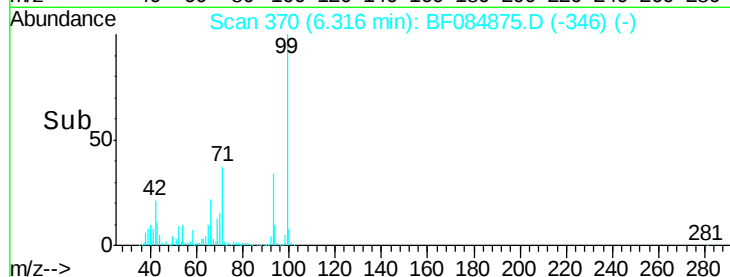
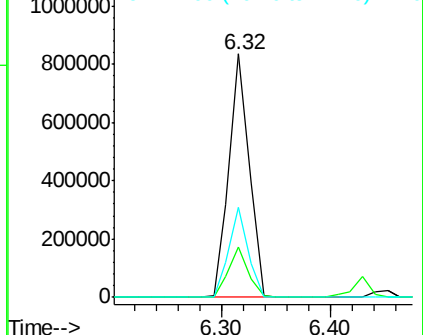
71 37.1 30.9 46.3



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: 39.39 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

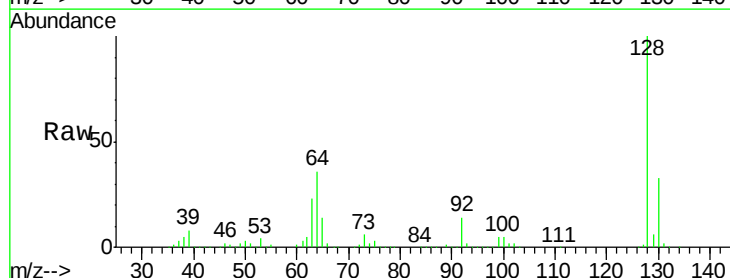
Tgt Ion: 128 Resp: 524553

Ion Ratio Lower Upper

128 100

130 33.4 11.6 51.6

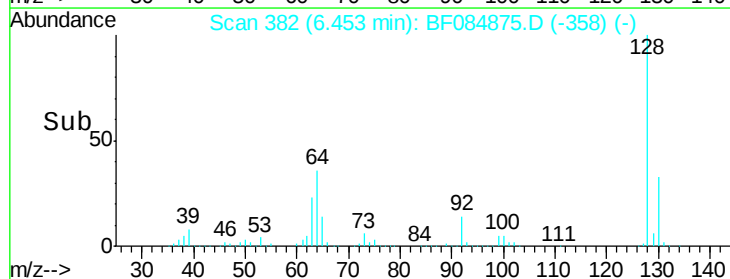
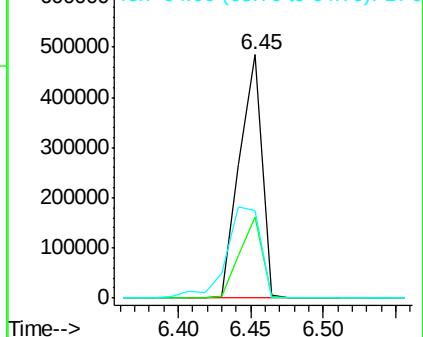
64 35.8 23.8 63.8

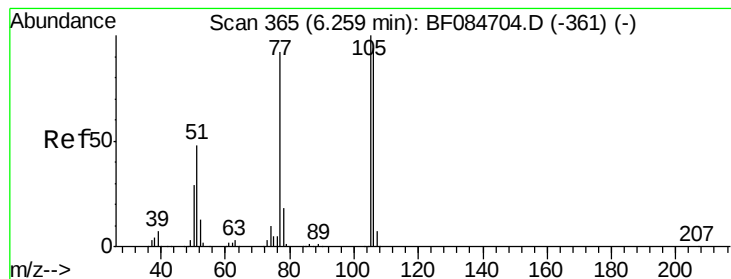


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.38 ng

RT: 6.20 min Scan# 360

Delta R.T. -0.03 min

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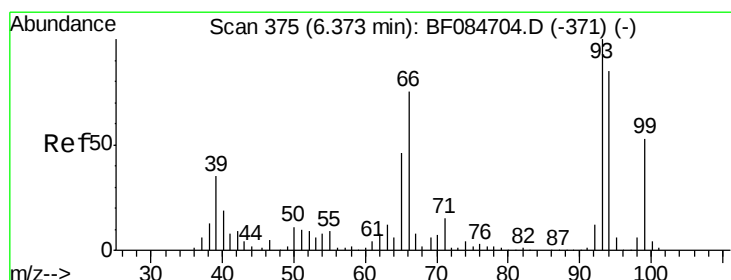
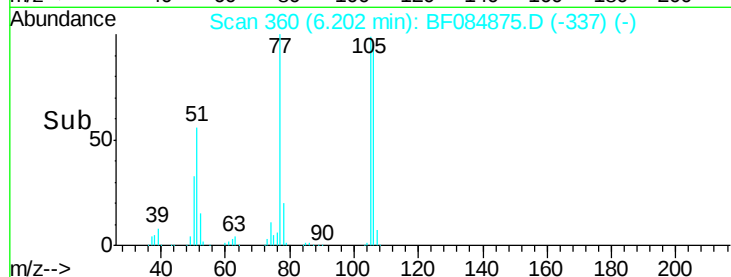
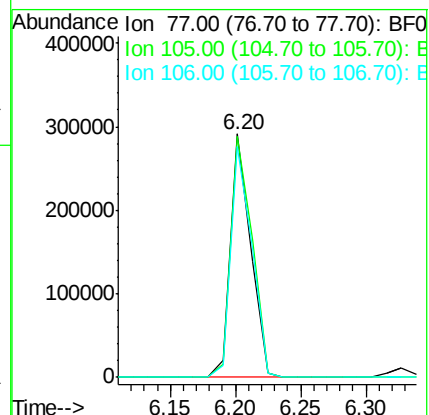
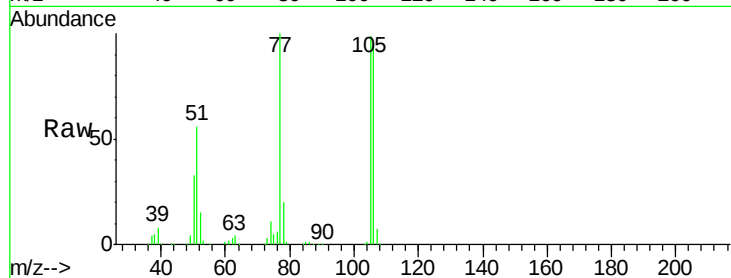
Tgt Ion: 77 Resp: 313357

Ion Ratio Lower Upper

77 100

105 98.9 83.0 123.0

106 94.6 74.6 114.6



#10

Phenol

Concen: 34.30 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

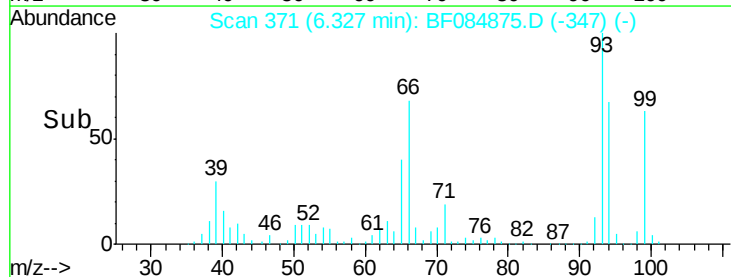
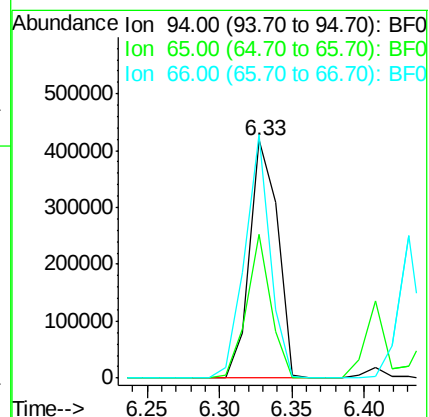
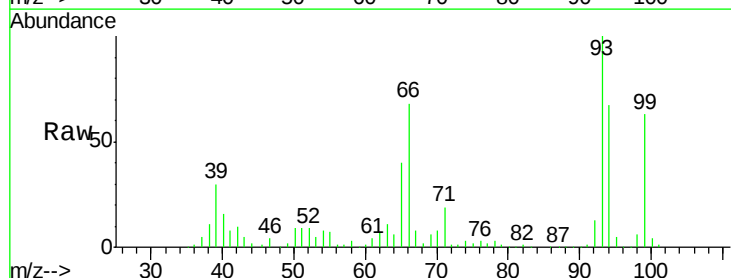
Tgt Ion: 94 Resp: 560464

Ion Ratio Lower Upper

94 100

65 60.6 12.9 52.9#

66 102.3 32.7 72.7#

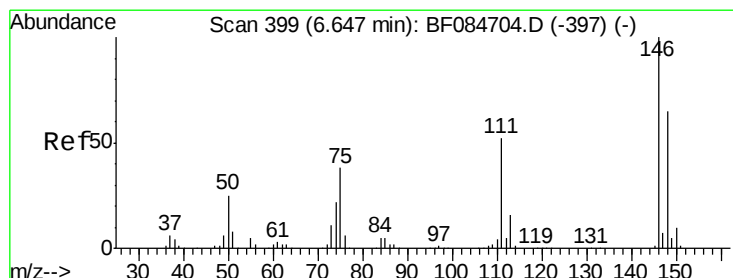
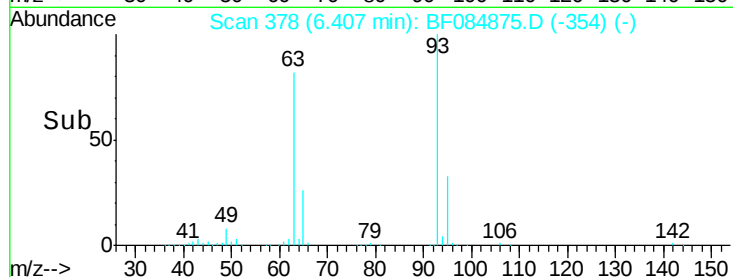
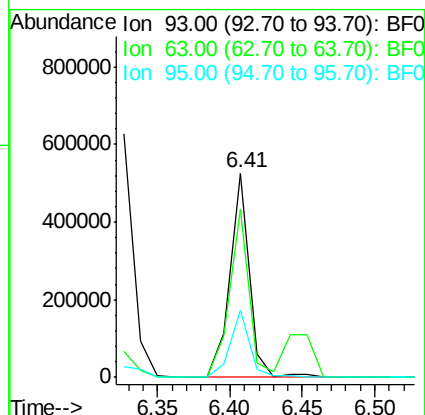
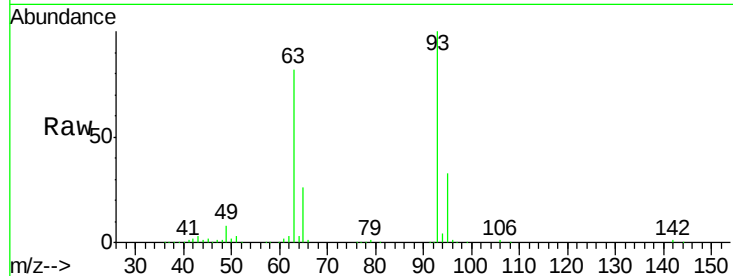




#11
bis(2-Chloroethyl)ether
Concen: 38.79 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

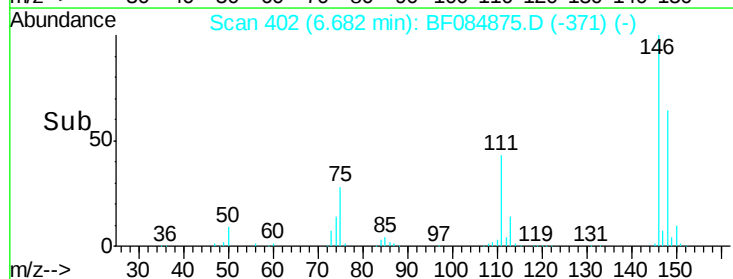
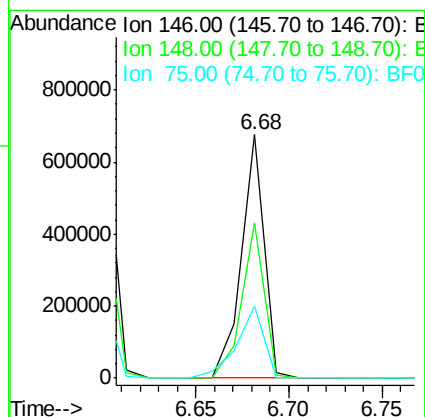
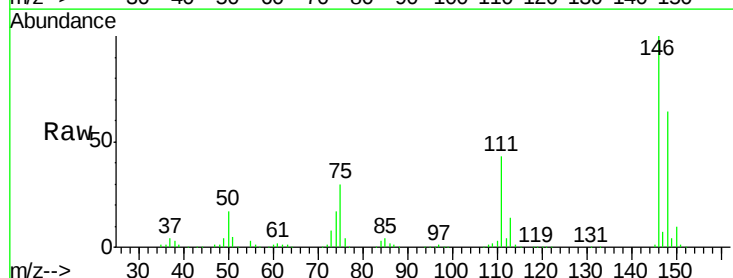
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

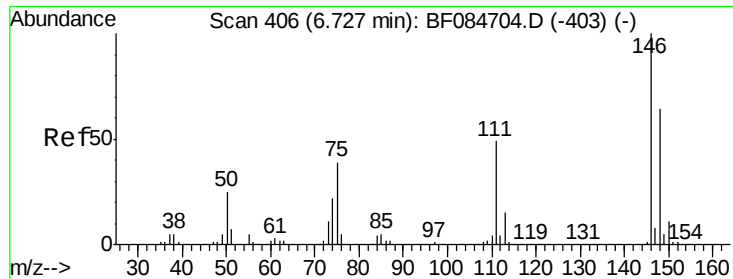
Tgt Ion: 93 Resp: 494269
Ion Ratio Lower Upper
93 100
63 82.1 45.9 85.9
95 33.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.08 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.06 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion: 146 Resp: 577979
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 29.6 20.5 30.7

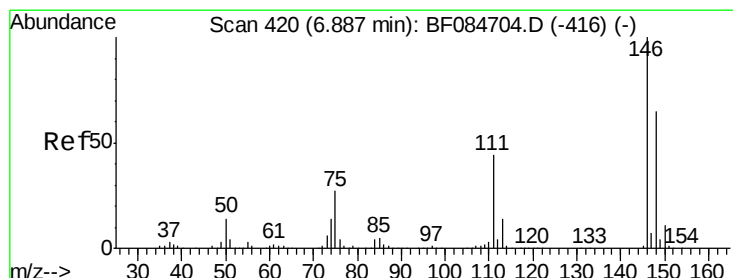
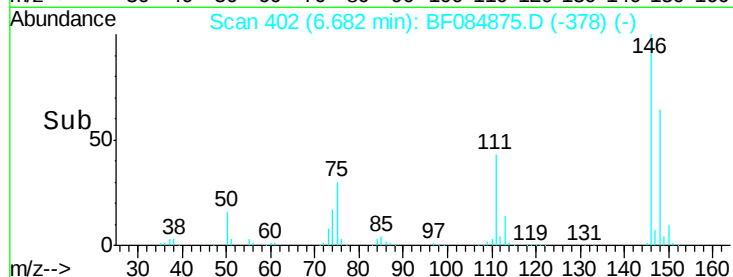
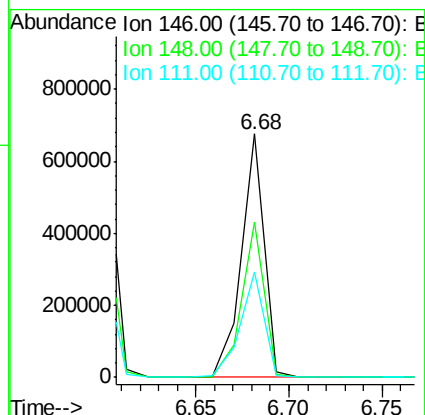
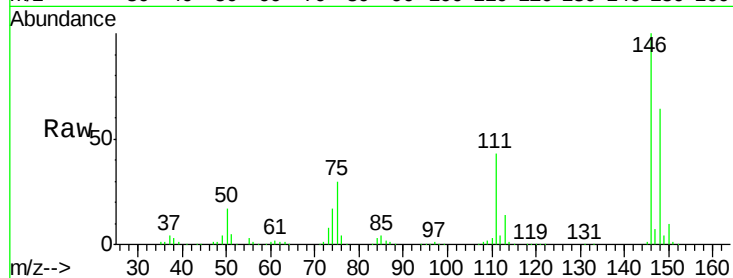




#13
 1,4-Dichlorobenzene
 Concen: 41.09 ng
 RT: 6.68 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

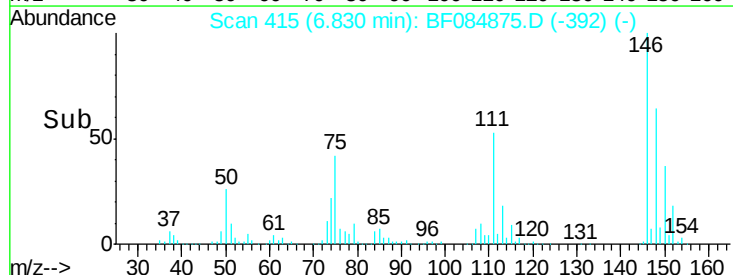
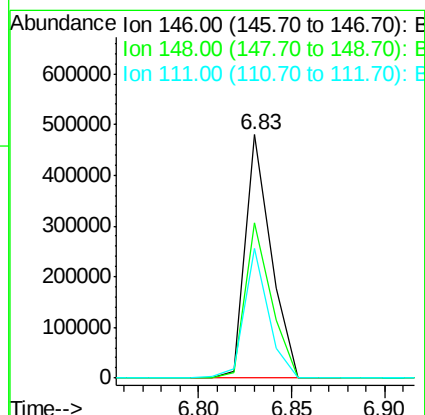
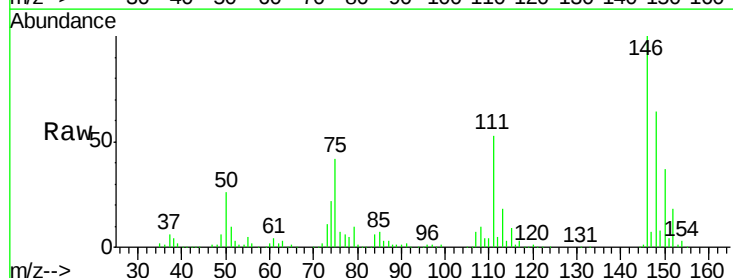
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

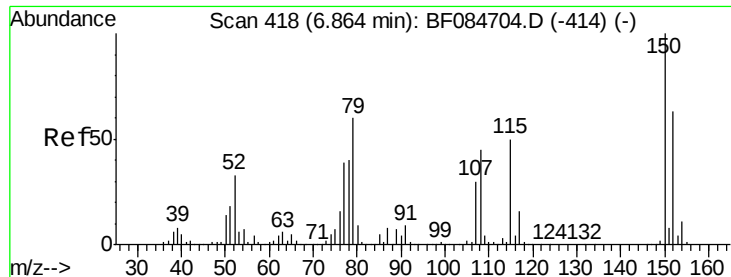
Tgt Ion:146 Resp: 577979
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.9 77.9
 111 43.4 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 35.23 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.03 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion:146 Resp: 461497
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.6 77.4
 111 53.4 38.0 57.0

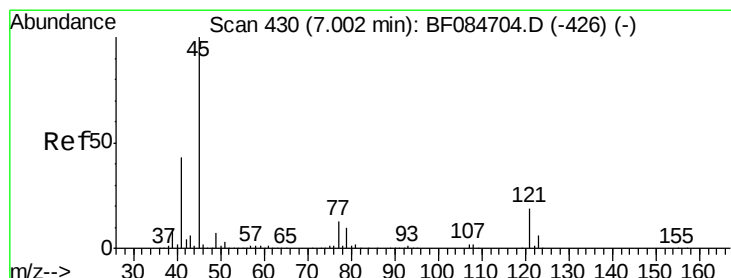
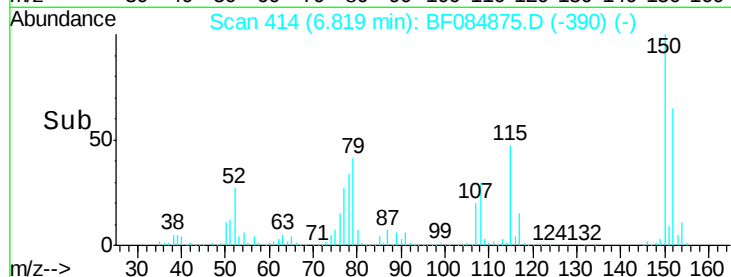
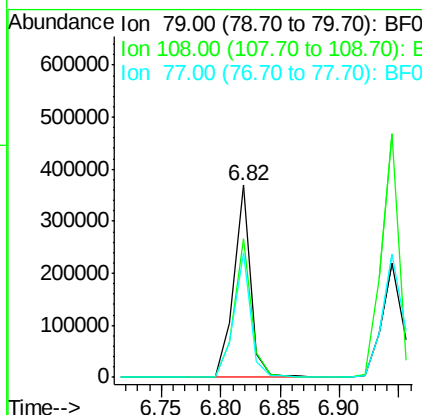
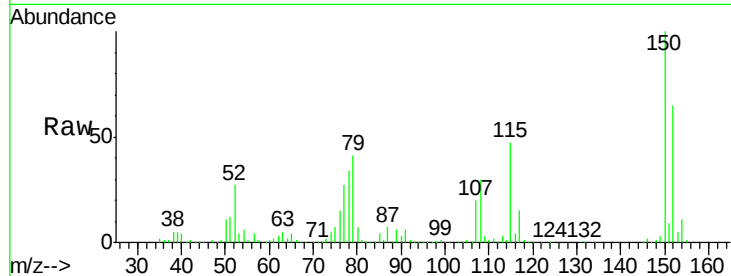




#15
Benzyl Alcohol
Concen: 36.51 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

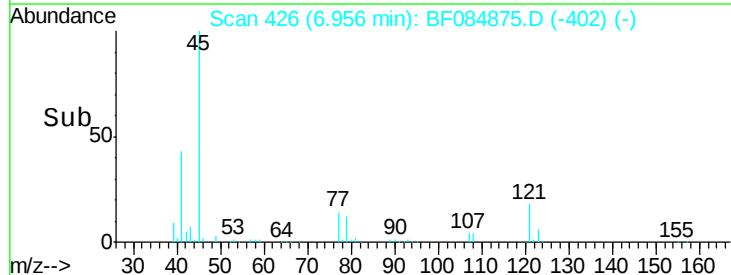
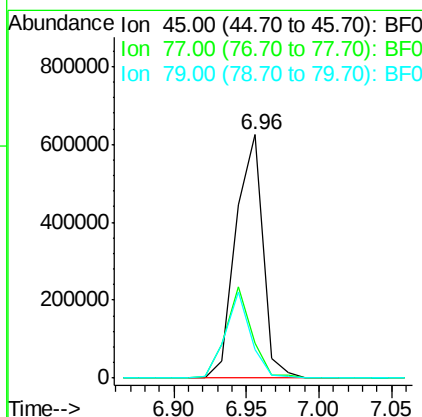
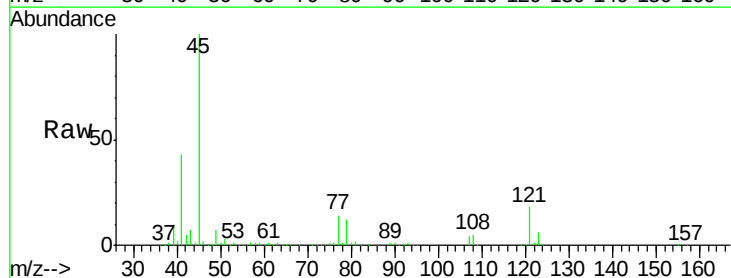
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

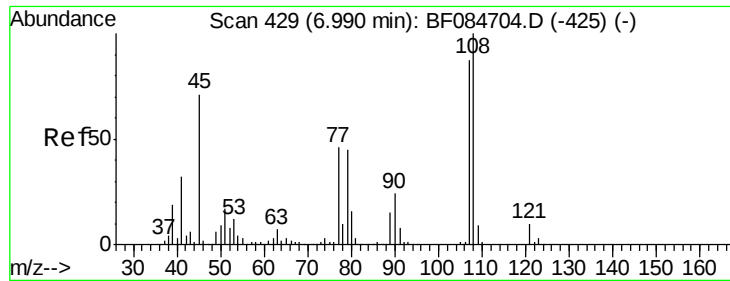
Tgt Ion: 79 Resp: 367671
Ion Ratio Lower Upper
79 100
108 72.2 69.0 103.4
77 65.0 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.70 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion: 45 Resp: 808013
Ion Ratio Lower Upper
45 100
77 14.1 0.0 39.6
79 11.7 0.0 35.0

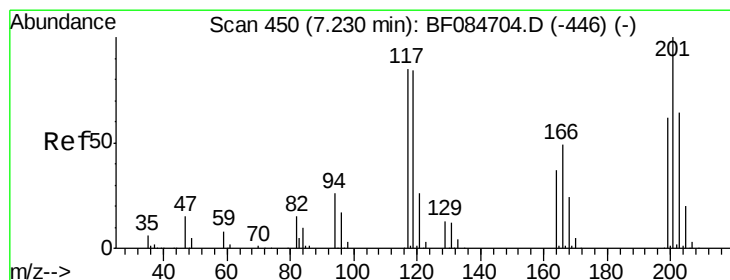
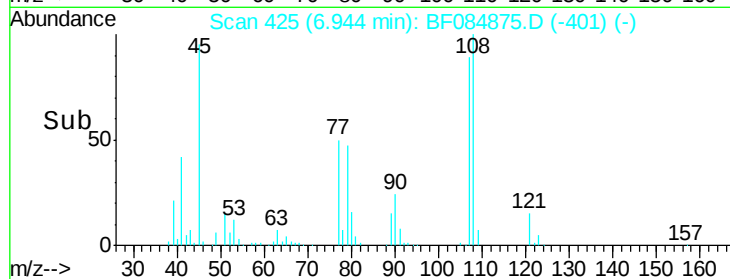
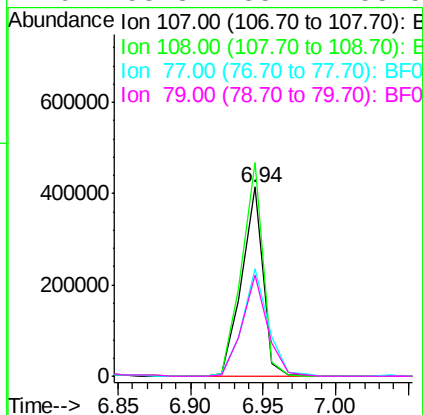
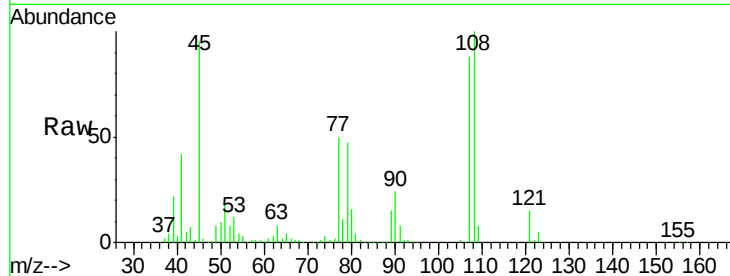




#17
2-Methylphenol
Concen: 40.14 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

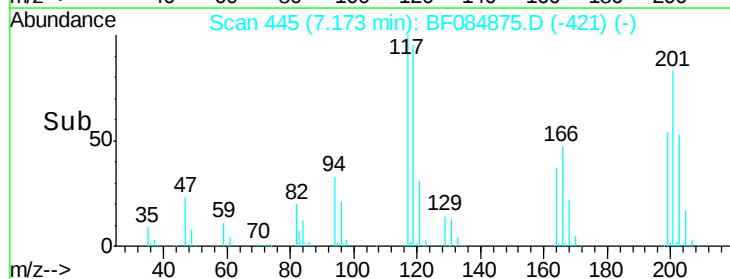
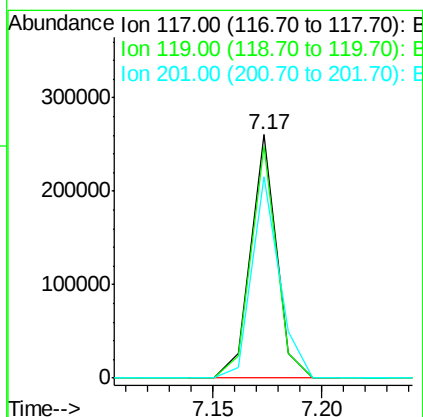
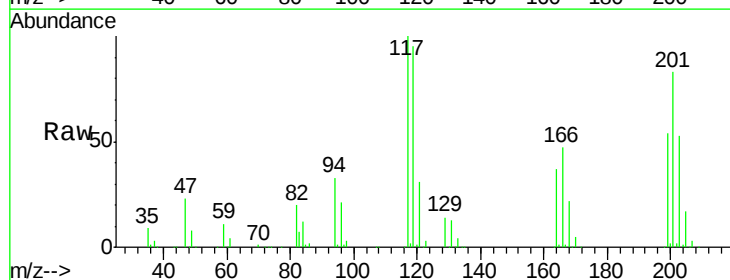
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

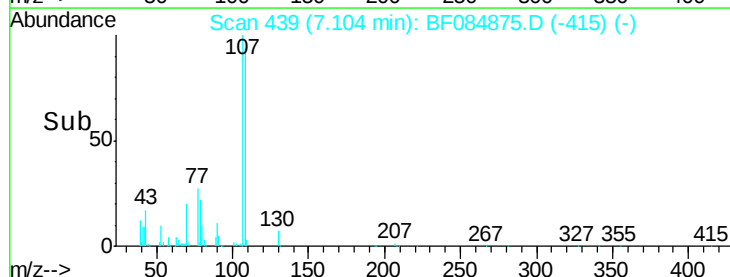
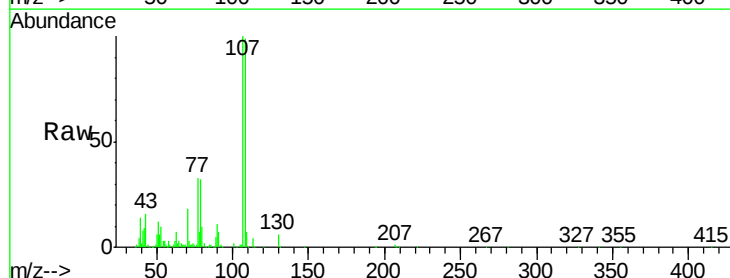
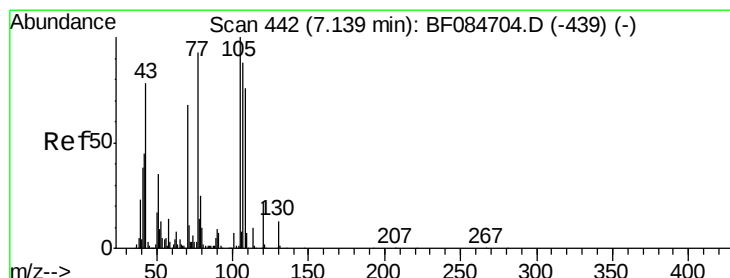
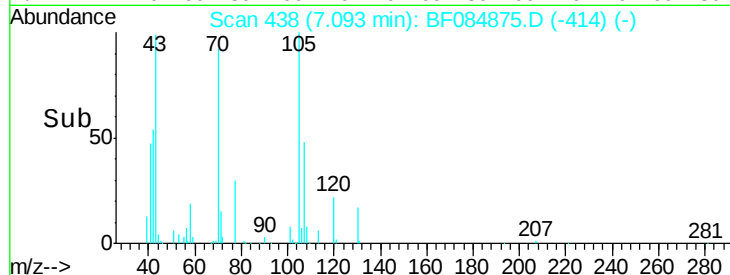
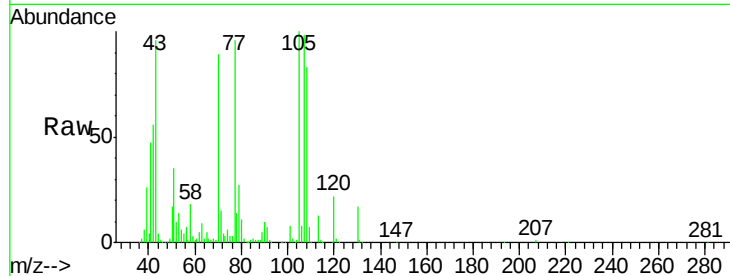
Tgt Ion:107 Resp: 422750
Ion Ratio Lower Upper
107 100
108 113.0 89.8 134.6
77 57.0 35.7 53.5#
79 53.3 35.7 53.5



#18
Hexachloroethane
Concen: 39.65 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion:117 Resp: 214781
Ion Ratio Lower Upper
117 100
119 95.4 77.4 116.0
201 82.6 68.6 103.0

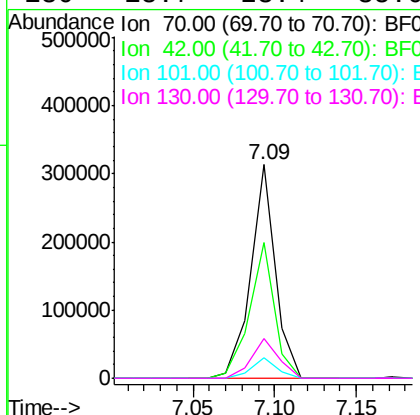




#19
n-Nitroso-di-n-propylamine
Concen: 36.02 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

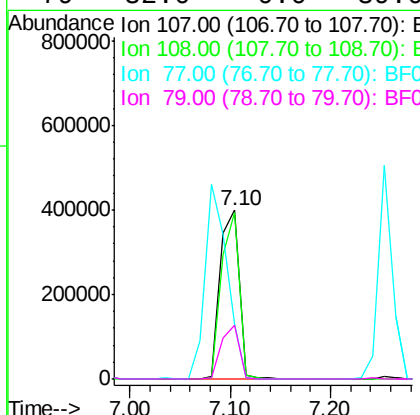
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.3	33.3	49.9#
101	9.5	9.3	13.9
130	18.7	23.4	35.0#



#20
3+4-Methylphenols
Concen: 40.38 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	98.6	74.6	114.6
77	32.9	0.7	40.7
79	32.0	0.0	39.0

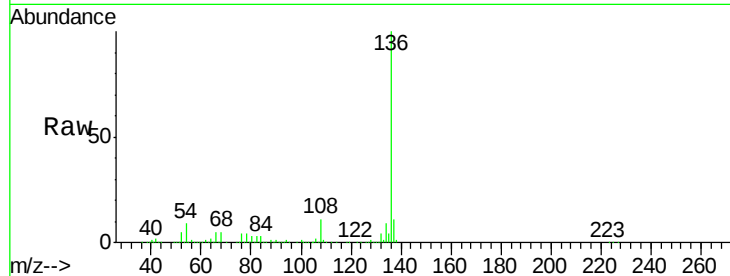




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	739909
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	9.2	5.8	8.8#
68	5.0	4.2	6.2



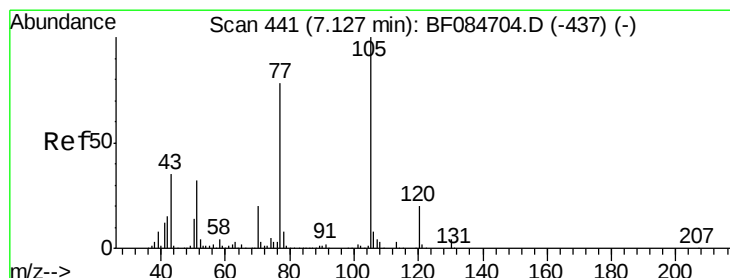
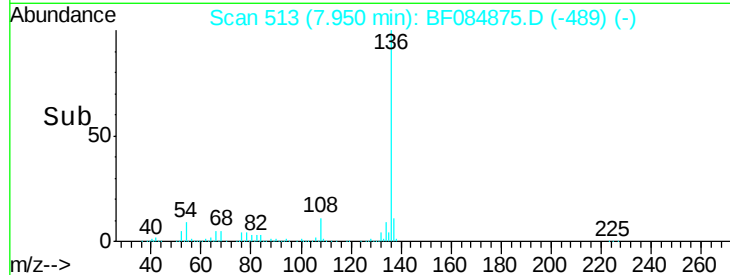
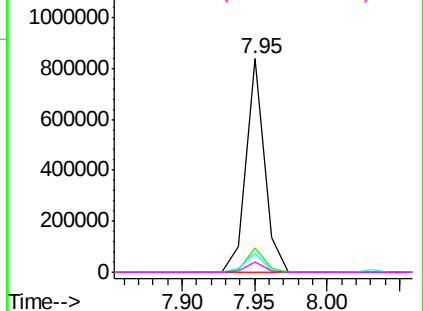
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

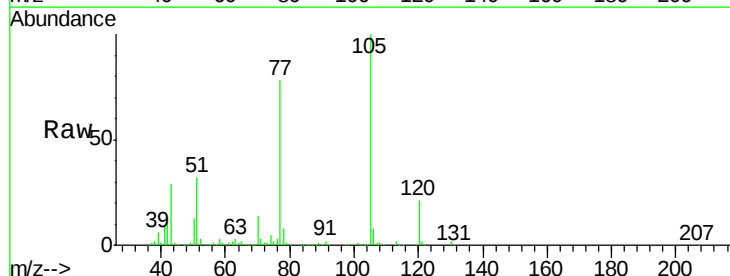
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 37.40 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion:	105	Resp:	729423
Ion	Ratio	Lower	Upper
105	100		
71	2.5	3.7	5.5#
51	31.9	25.1	37.7
120	20.6	16.6	25.0



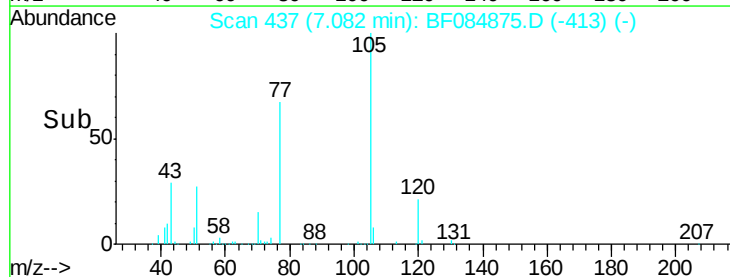
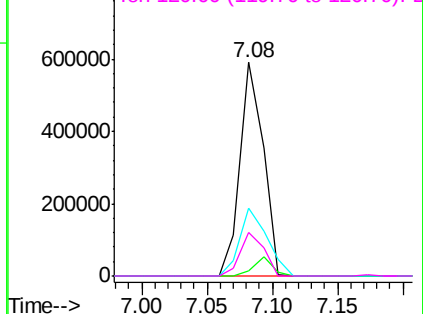
Abundance

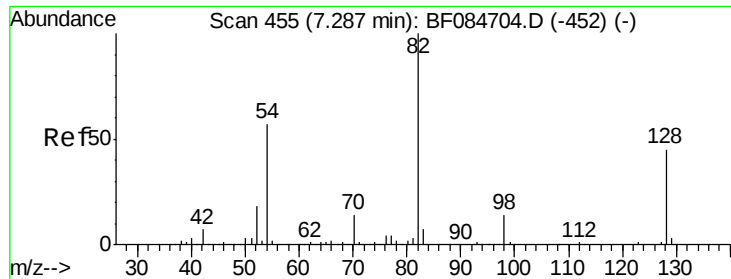
Ion 105.00 (104.70 to 105.70): E

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

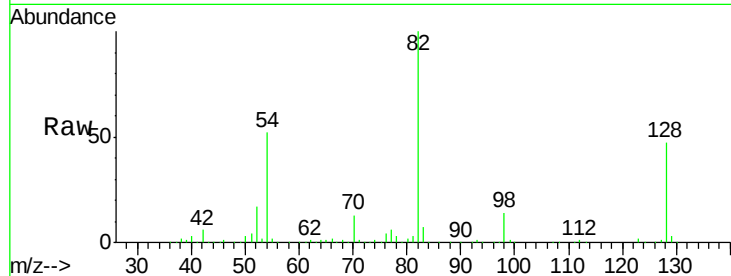




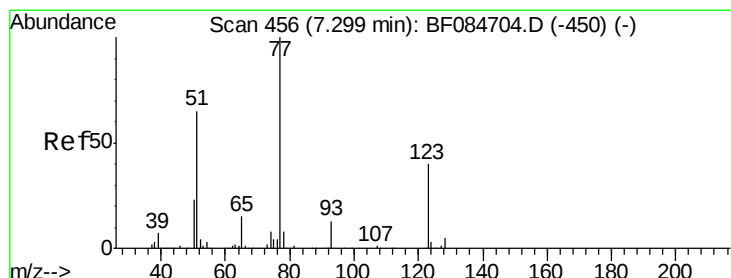
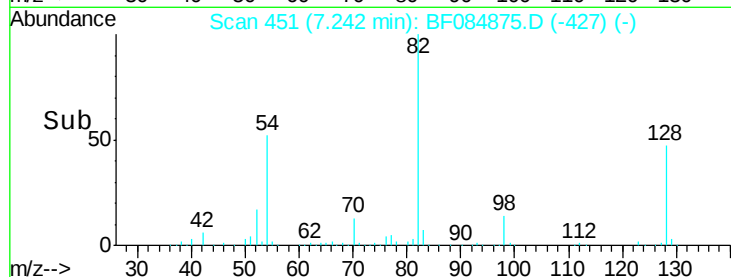
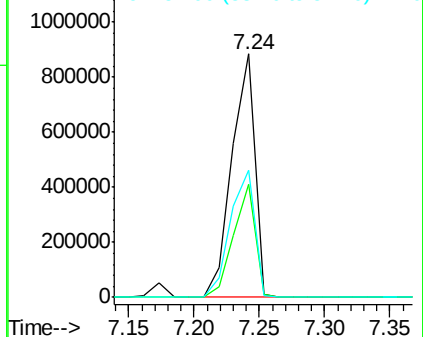
#23
 Nitrobenzene-d5
 Concen: 81.92 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 1075998
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.6 51.8
 54 52.5 38.4 57.6

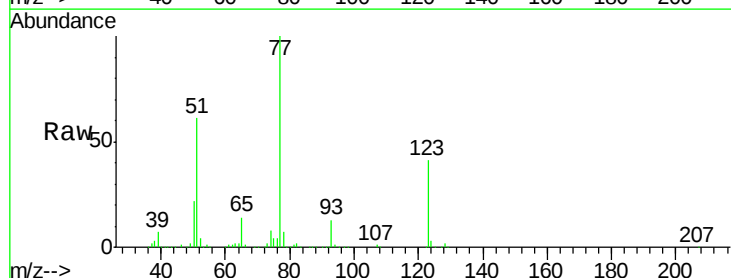


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

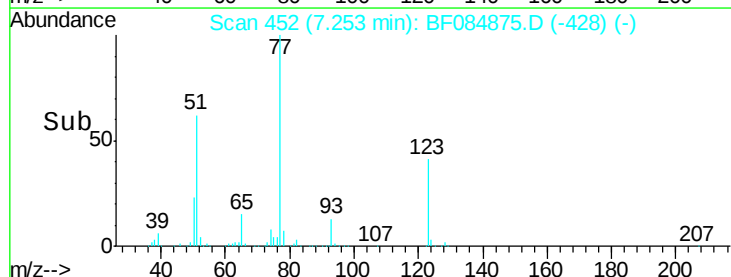
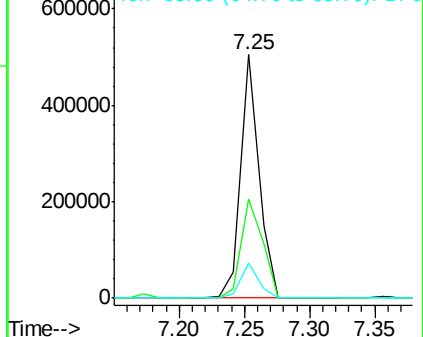


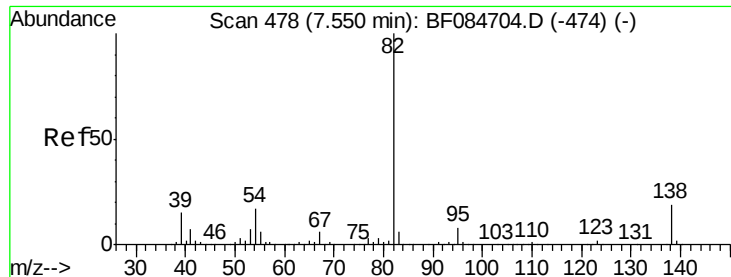
#24
 Nitrobenzene
 Concen: 34.81 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion: 77 Resp: 489661
 Ion Ratio Lower Upper
 77 100
 123 40.9 37.4 56.2
 65 14.4 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: 38.40 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

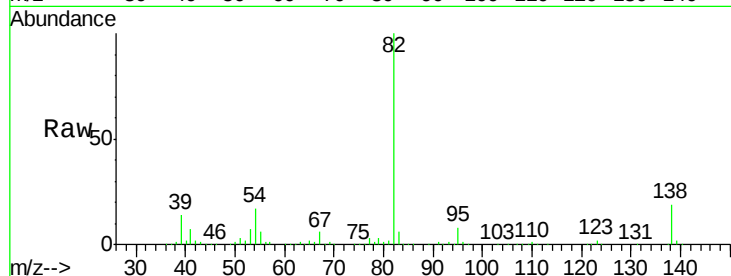
Tgt Ion: 82 Resp: 980784

Ion Ratio Lower Upper

82 100

95 8.0 6.6 10.0

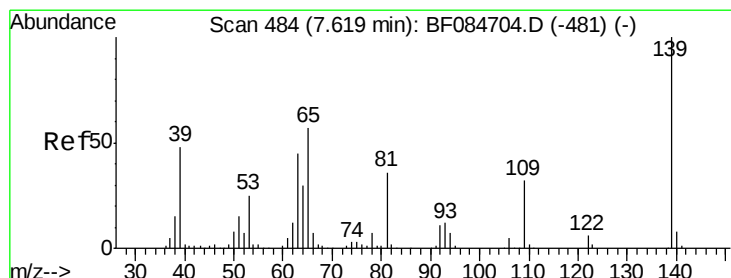
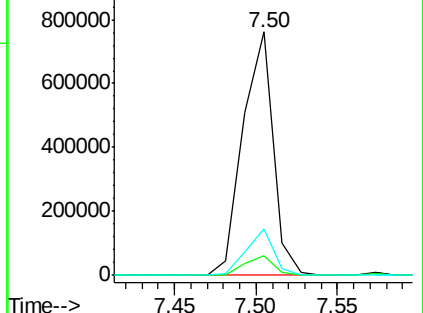
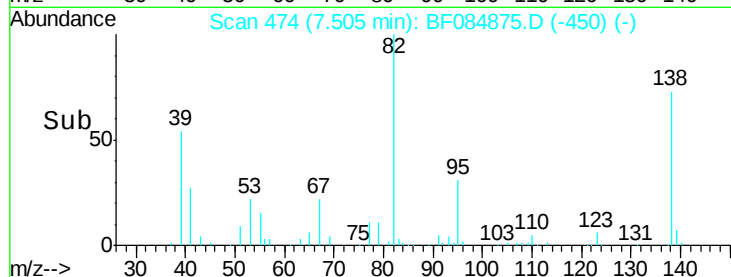
138 19.3 13.6 20.4



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: 42.13 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

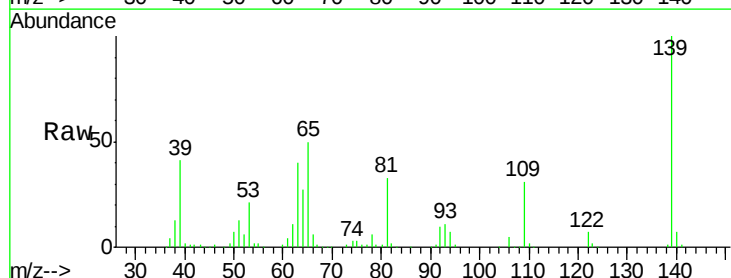
Tgt Ion: 139 Resp: 292284

Ion Ratio Lower Upper

139 100

109 30.9 25.4 38.2

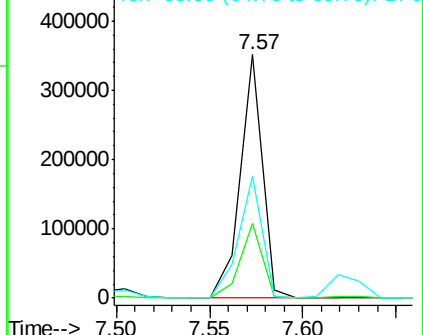
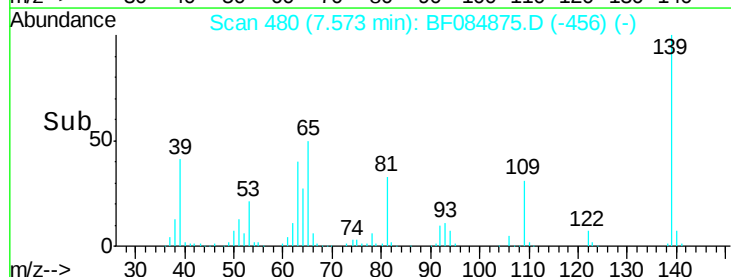
65 50.2 32.3 48.5#

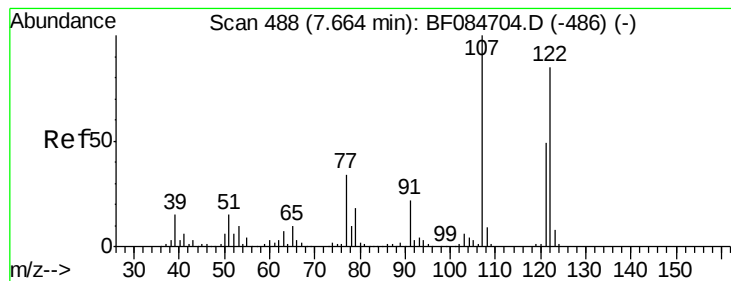


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.13 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

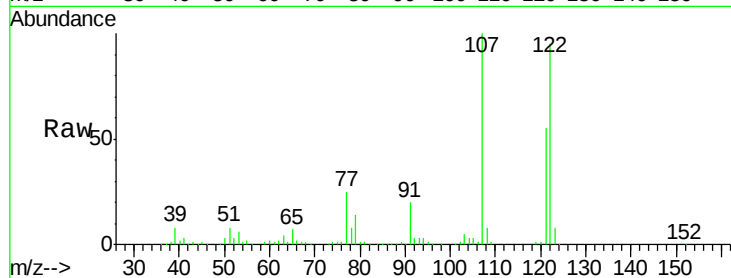
Tgt Ion:122 Resp: 448073

Ion Ratio Lower Upper

122 100

107 105.5 99.1 148.7

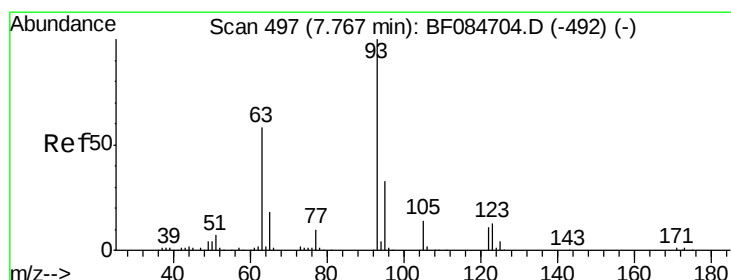
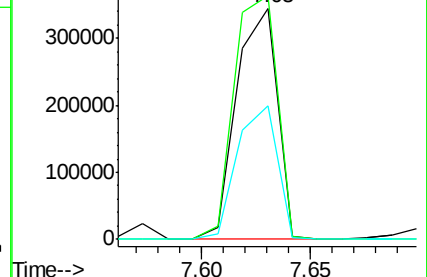
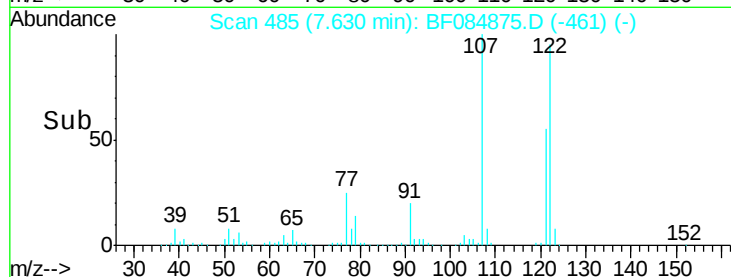
121 57.6 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.41 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

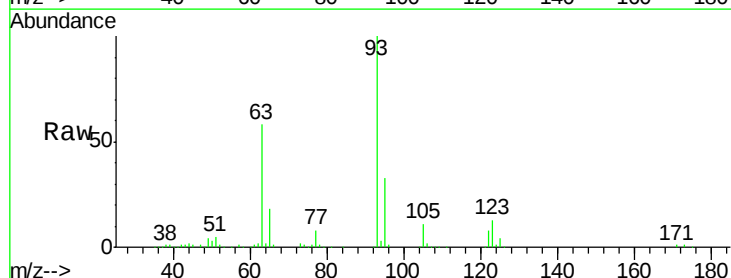
Tgt Ion: 93 Resp: 566883

Ion Ratio Lower Upper

93 100

95 33.4 25.8 38.6

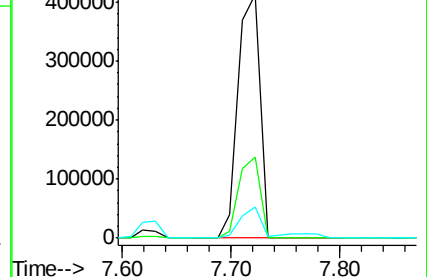
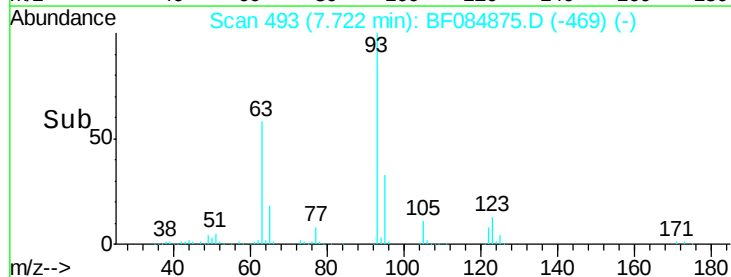
123 12.9 8.6 12.8#

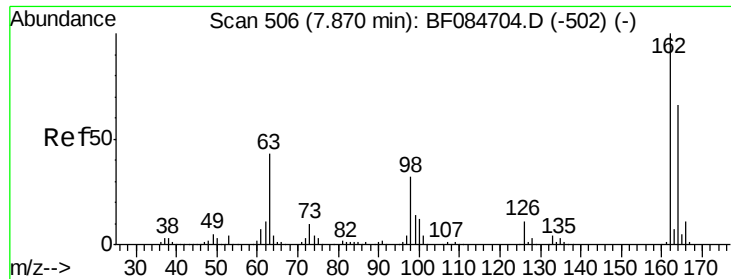


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

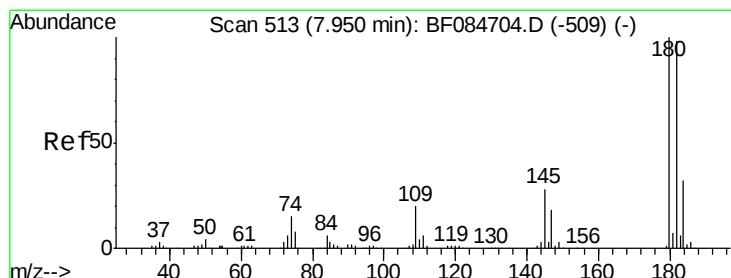
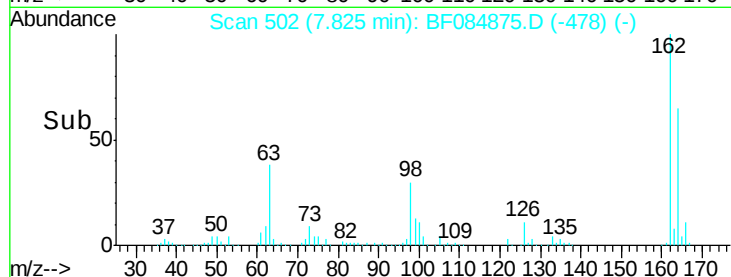
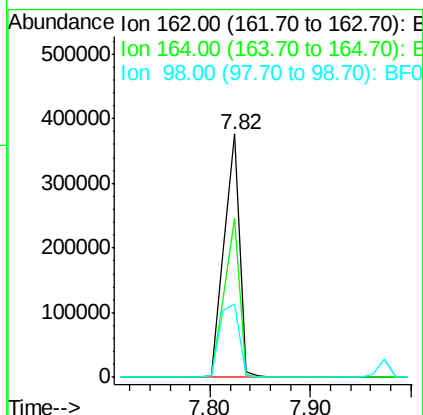
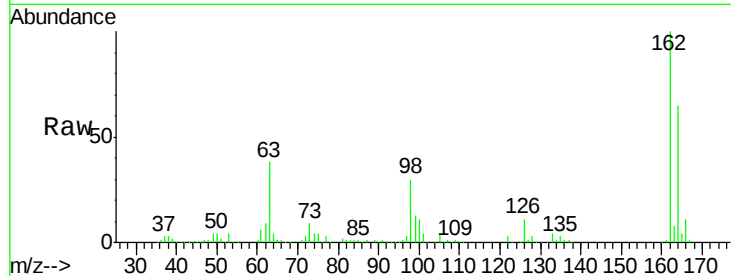




#29
 2,4-Dichlorophenol
 Concen: 39.01 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

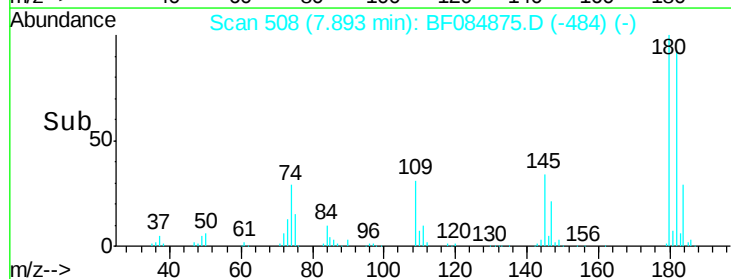
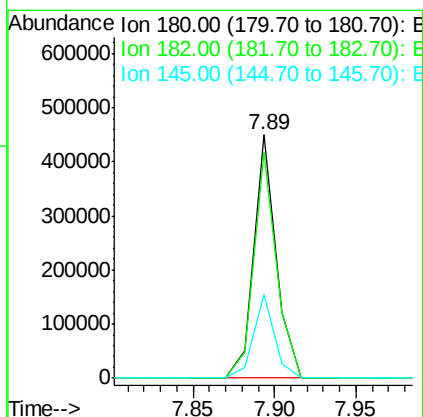
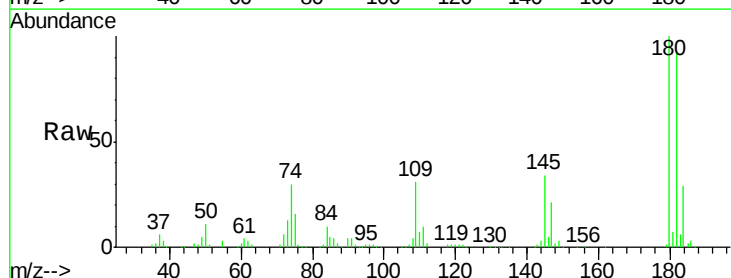
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:162 Resp: 402776
 Ion Ratio Lower Upper
 162 100
 164 65.4 44.1 84.1
 98 30.2 20.2 60.2



#30
 1,2,4-Trichlorobenzene
 Concen: 36.66 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion:180 Resp: 427473
 Ion Ratio Lower Upper
 180 100
 182 92.9 76.4 114.6
 145 34.1 31.6 47.4





#31

Naphthalene

Concen: 37.59 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

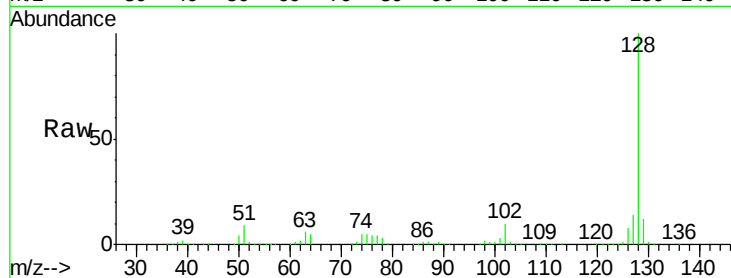
Tgt Ion:128 Resp: 1394984

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

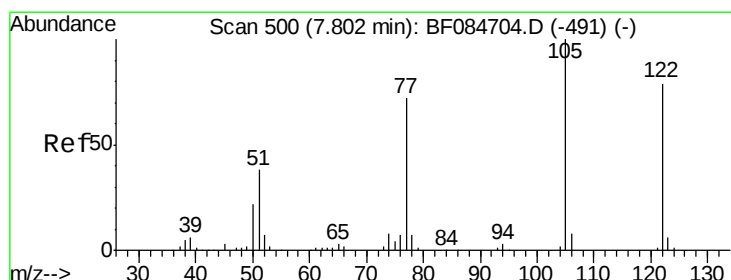
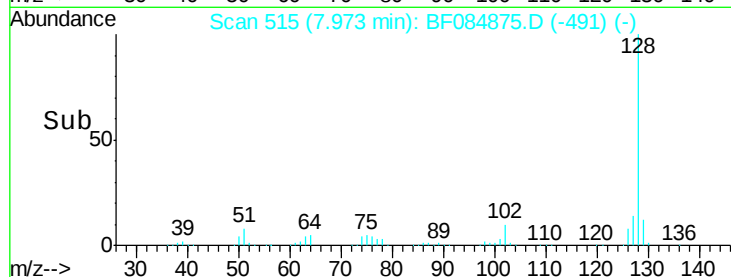
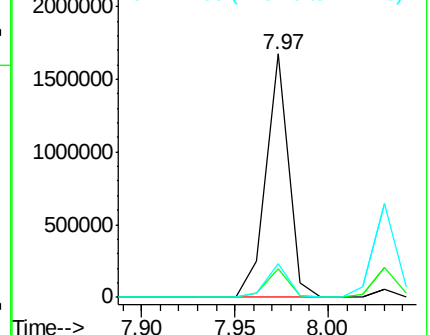
127 14.0 11.1 16.7



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: 41.02 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

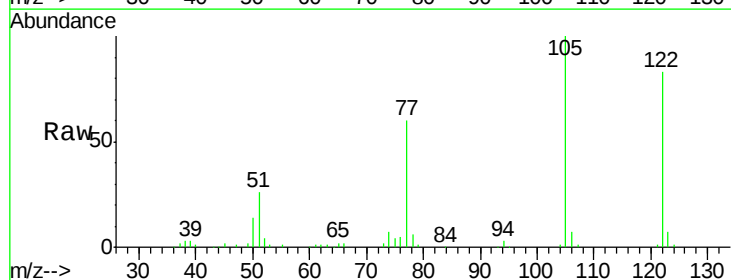
Tgt Ion:122 Resp: 316545

Ion Ratio Lower Upper

122 100

105 120.6 100.3 140.3

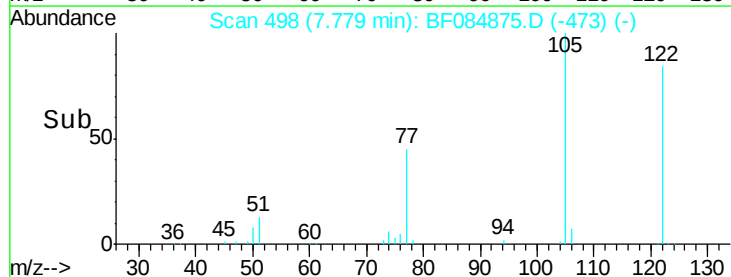
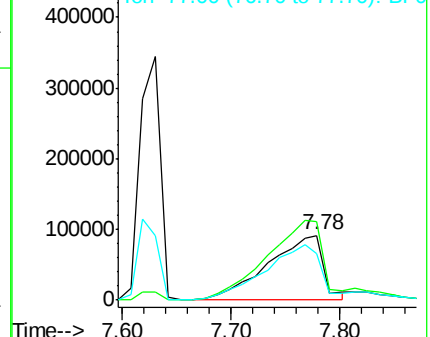
77 72.6 63.5 103.5

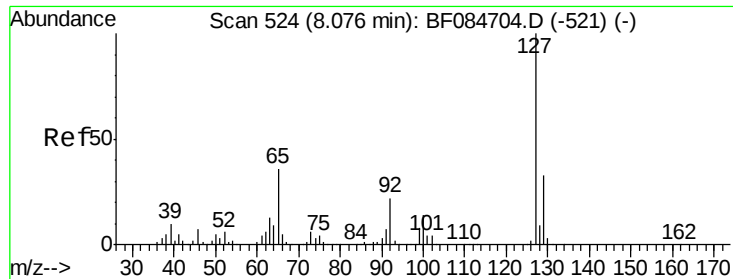


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

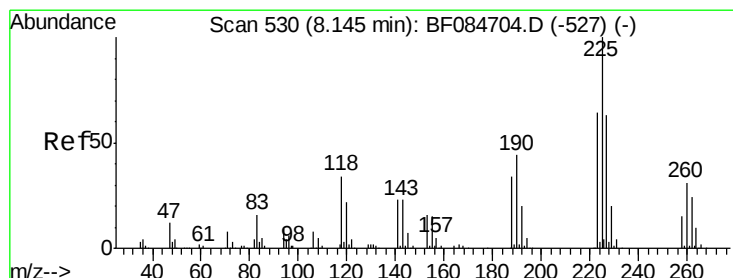
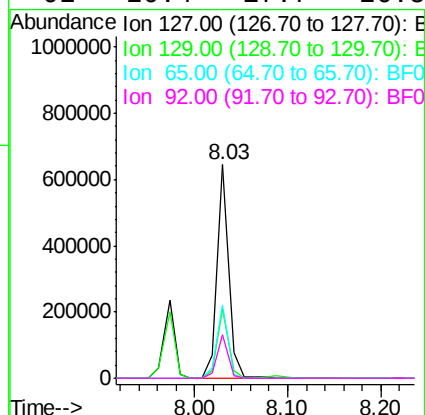
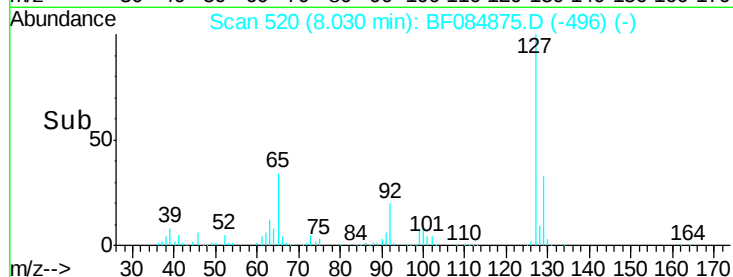
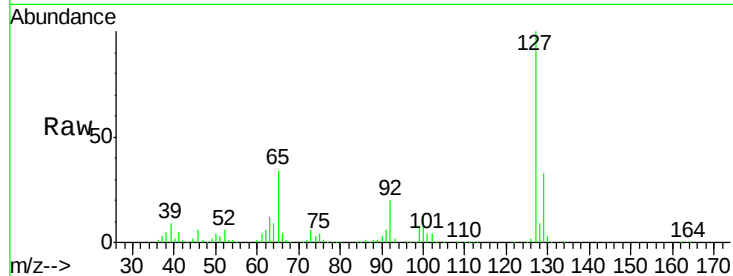




#33
4-Chloroaniline
Concen: 36.06 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

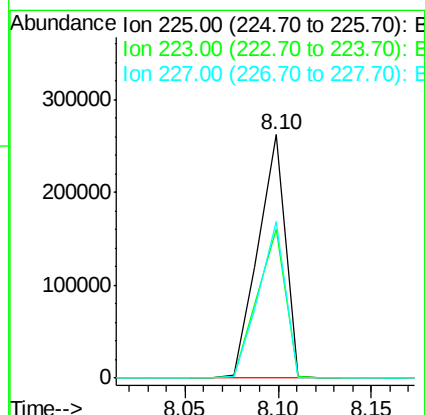
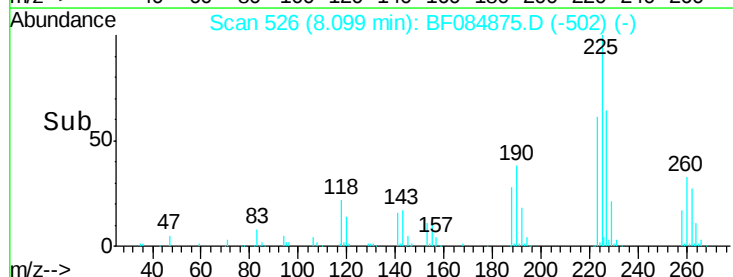
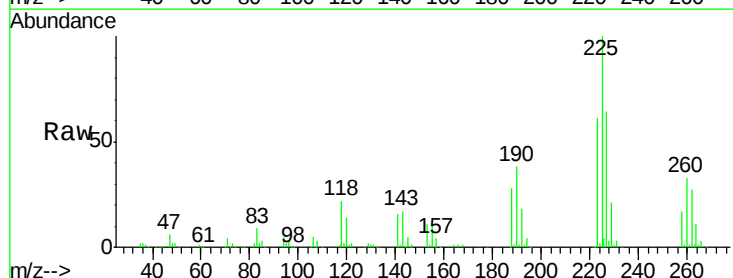
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	553566
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	34.0	27.2	40.8
92	20.4	17.7	26.5



#34
Hexachlorobutadiene
Concen: 39.38 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion:	225	Resp:	264812
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.4	74.0
227	64.1	50.8	76.2





#35

Caprolactam

Concen: 35.91 ng

RT: 8.42 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

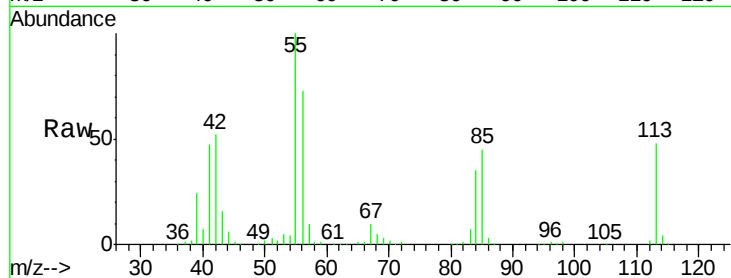
Tgt Ion:113 Resp: 114260

Ion Ratio Lower Upper

113 100

55 207.0 116.9 156.9#

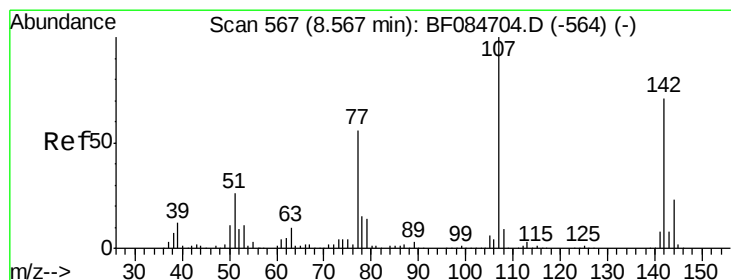
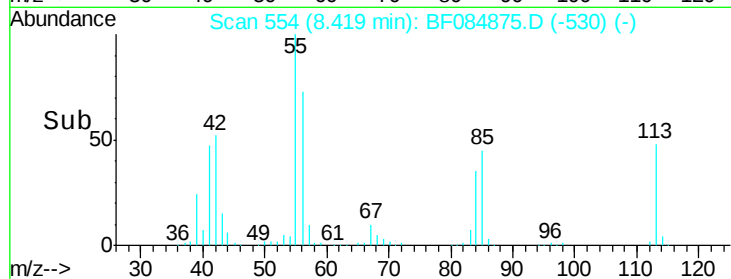
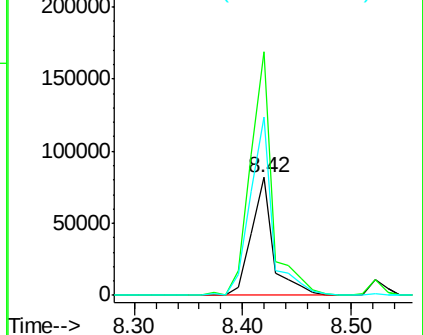
56 152.0 93.8 133.8#



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: 34.42 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

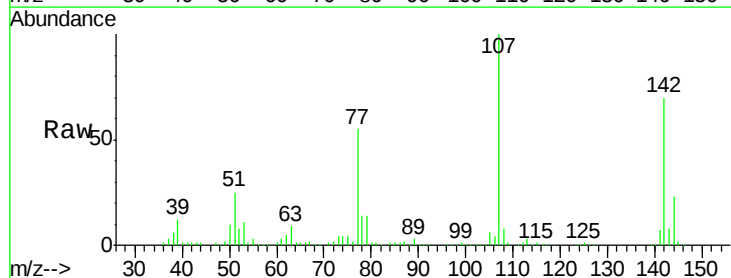
Tgt Ion:107 Resp: 405353

Ion Ratio Lower Upper

107 100

144 22.6 19.7 29.5

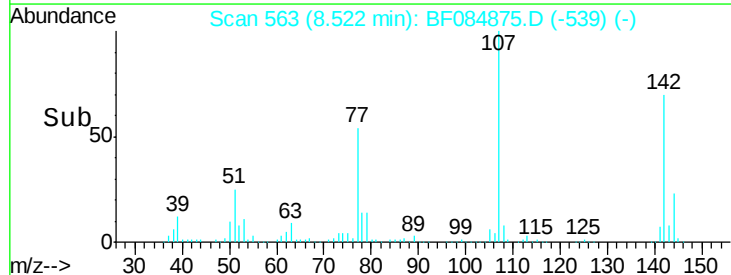
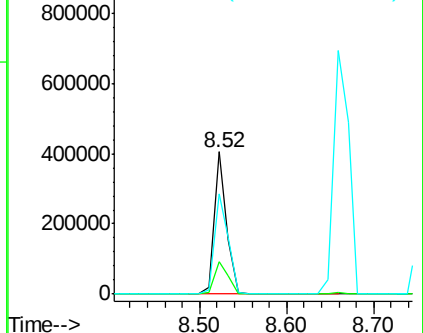
142 70.2 61.8 92.6

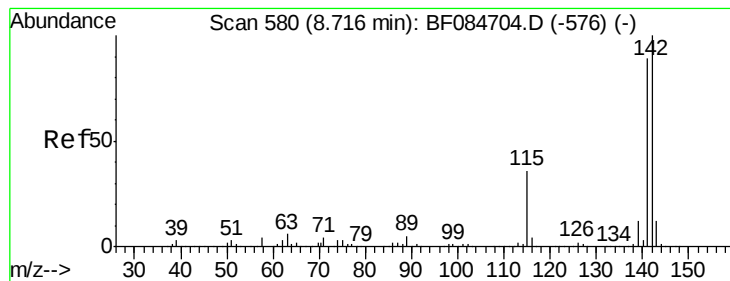


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.29 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

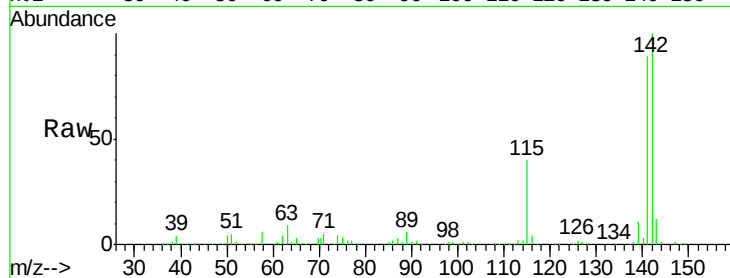
Tgt Ion:142 Resp: 842869

Ion Ratio Lower Upper

142 100

141 88.5 72.4 108.6

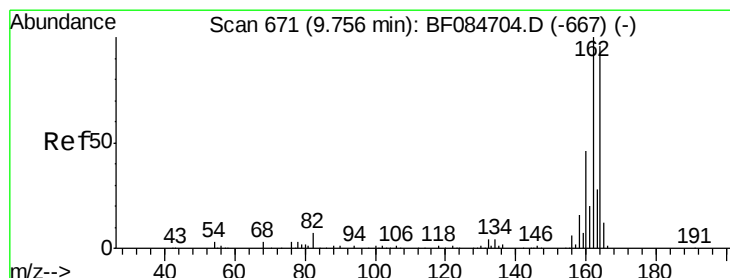
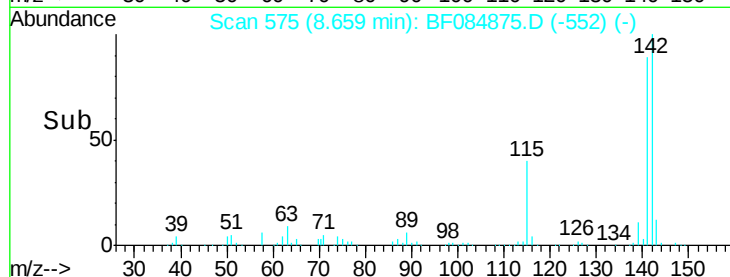
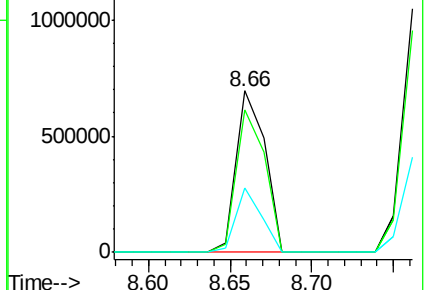
115 40.1 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

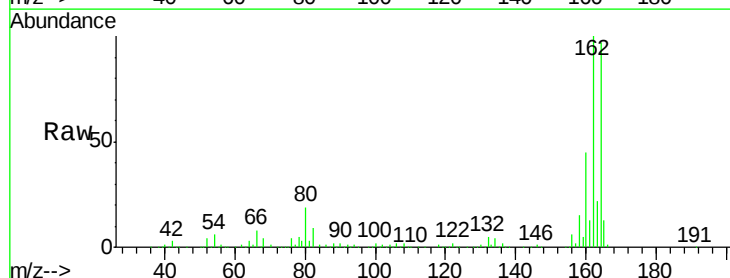
Tgt Ion:164 Resp: 330881

Ion Ratio Lower Upper

164 100

162 103.6 85.1 127.7

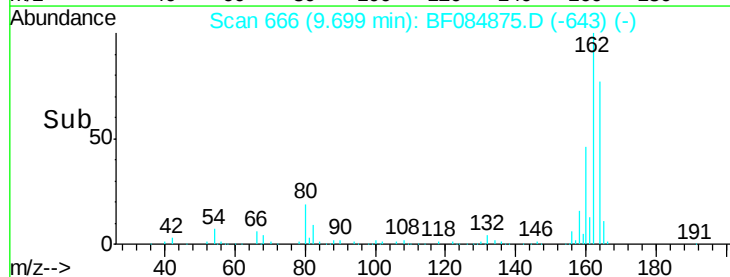
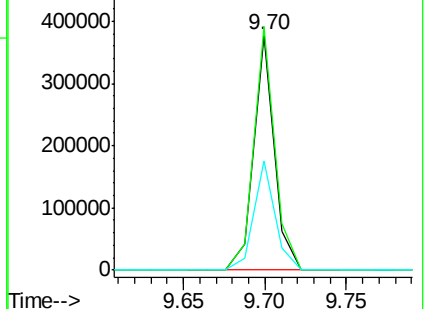
160 46.4 37.5 56.3

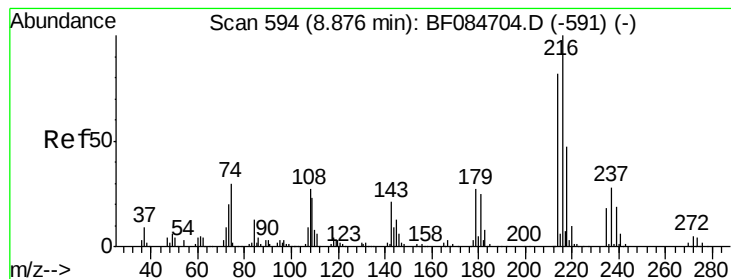


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.82 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 418454

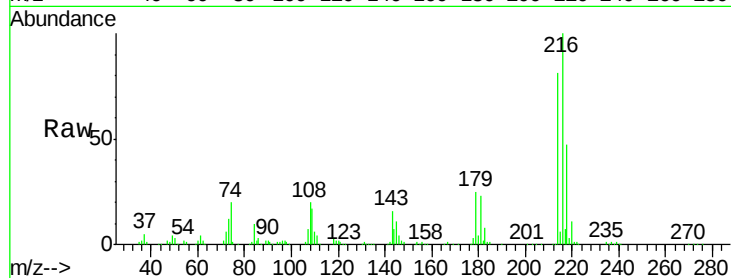
Ion Ratio Lower Upper

216 100

214 80.0 64.2 96.2

179 24.8 18.7 28.1

108 21.9 16.8 25.2

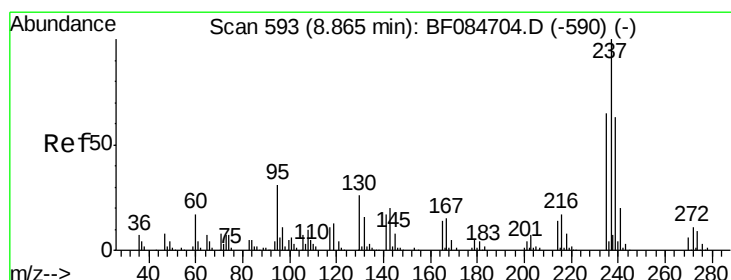
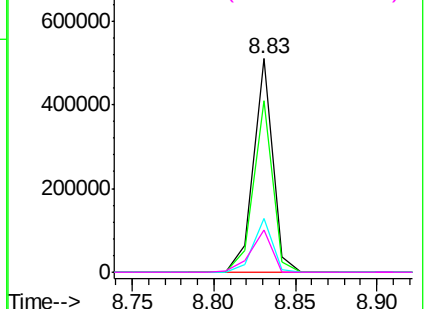
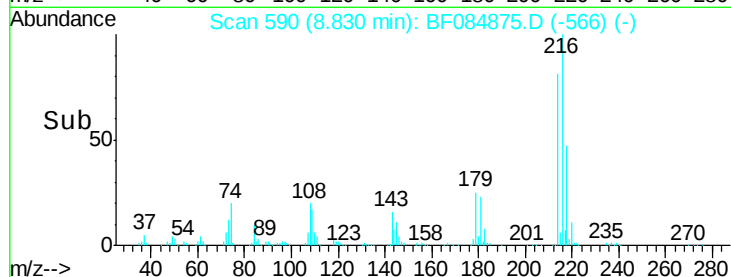


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.60 ng

RT: 8.82 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

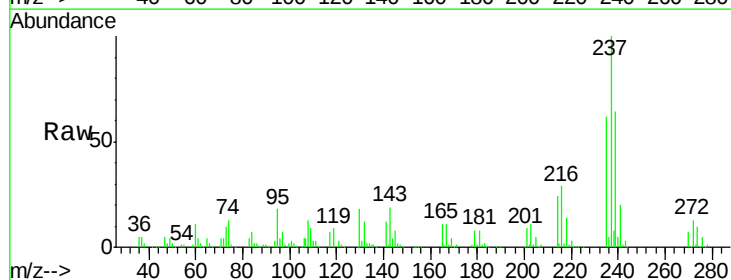
Tgt Ion:237 Resp: 173364

Ion Ratio Lower Upper

237 100

235 62.0 43.1 83.1

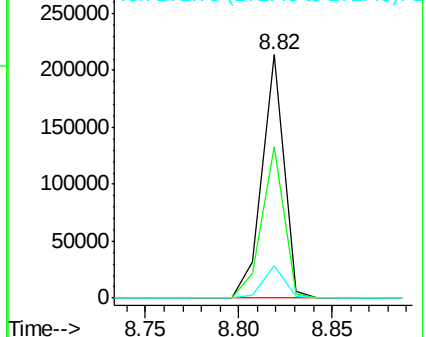
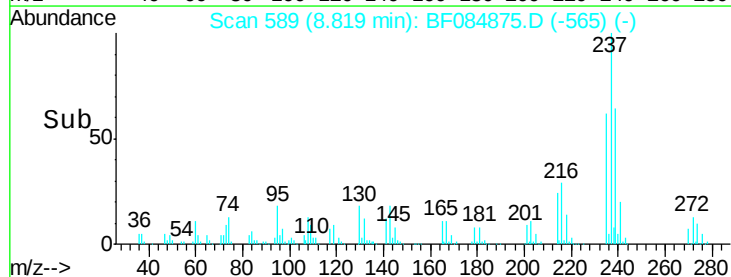
272 13.1 0.0 35.1

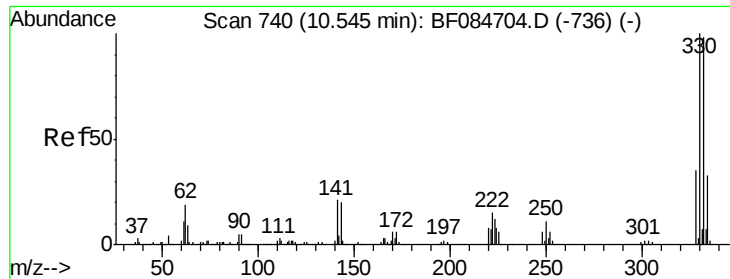


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

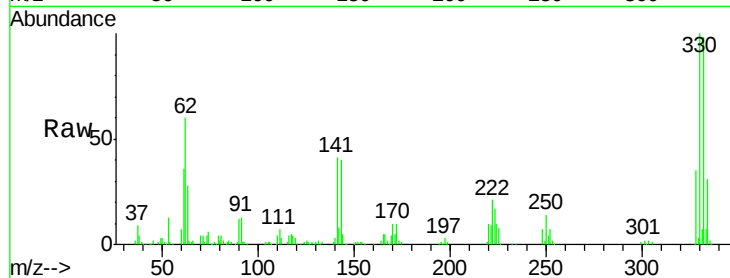




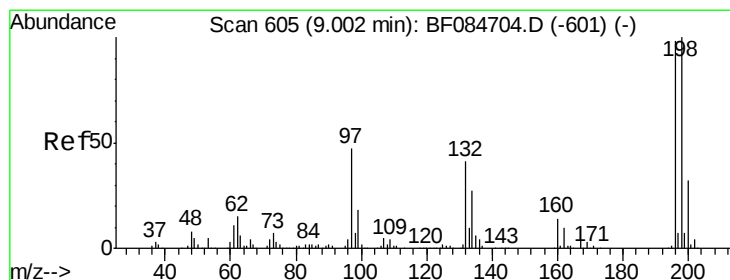
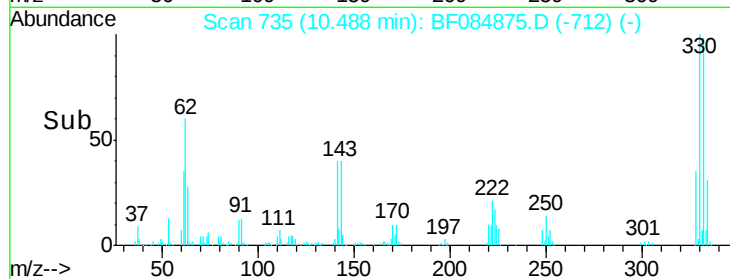
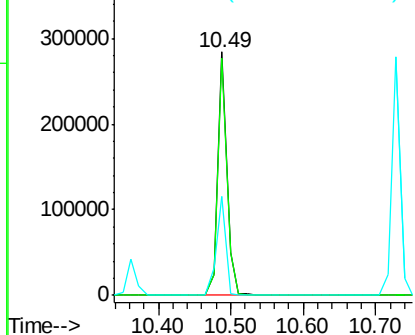
#41
 2,4,6-Tribromophenol
 Concen: 73.09 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 252249
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 41.3 27.8 41.6

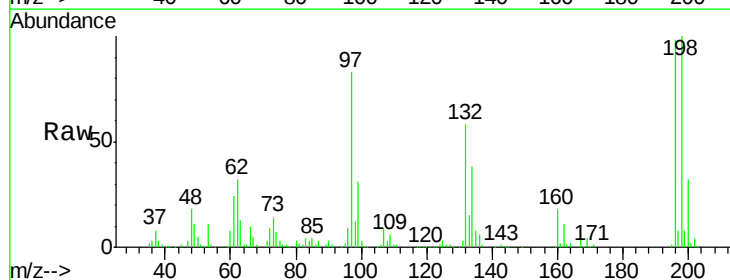


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

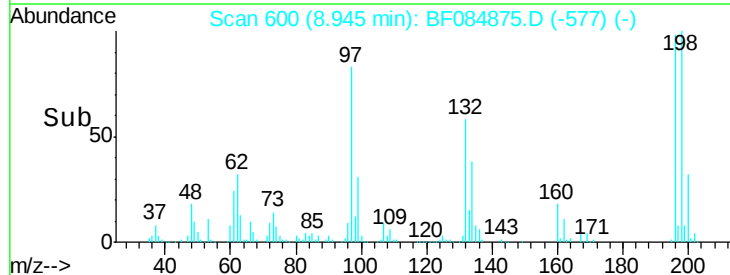
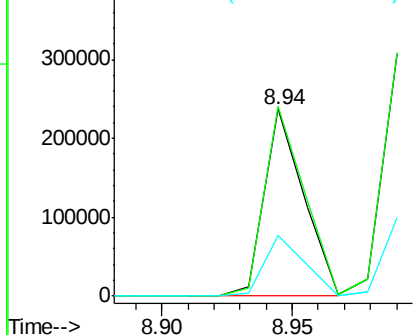


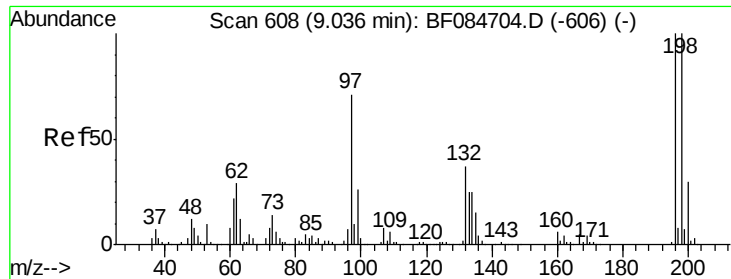
#42
 2,4,6-Trichlorophenol
 Concen: 36.91 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion:196 Resp: 249884
 Ion Ratio Lower Upper
 196 100
 198 101.6 77.7 116.5
 200 32.1 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

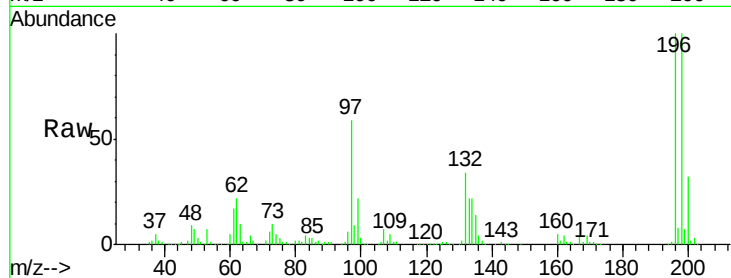




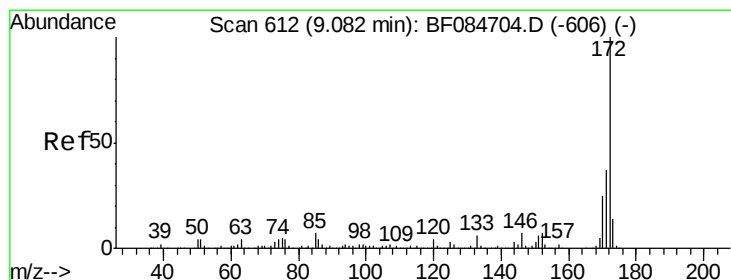
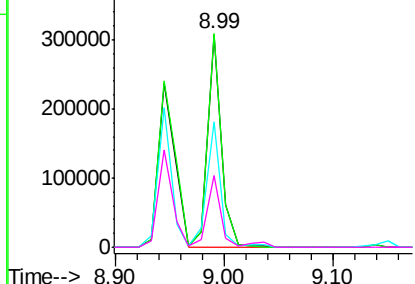
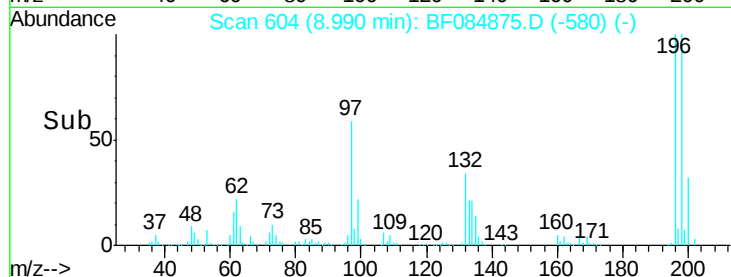
#43
 2,4,5-Trichlorophenol
 Concen: 39.58 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 272273
 Ion Ratio Lower Upper
 196 100
 198 100.3 79.0 118.6
 97 59.1 33.0 49.6#
 132 34.0 21.1 31.7#

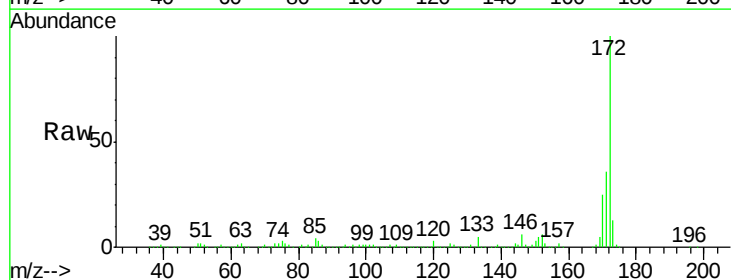


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

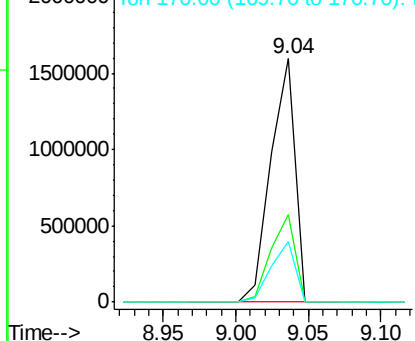
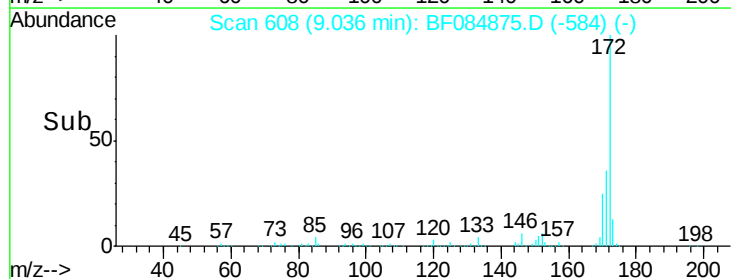


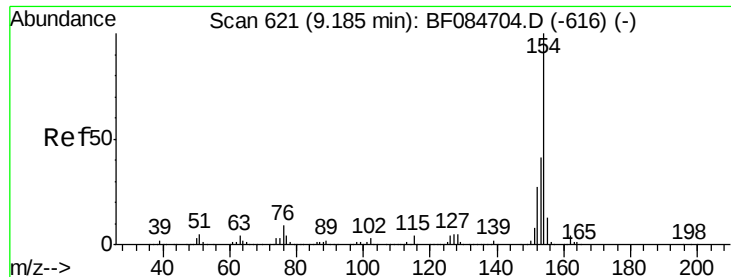
#44
 2-Fluorobiphenyl
 Concen: 99.63 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion:172 Resp: 1844635
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.9 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: 35.73 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

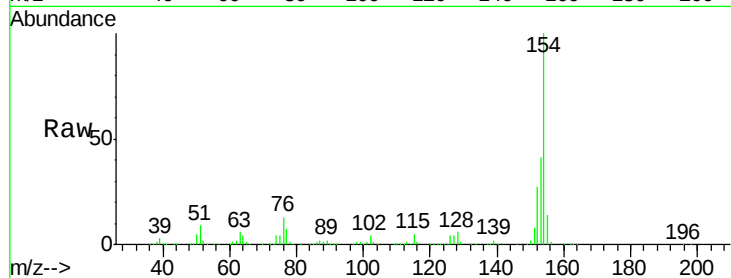
Tgt Ion:154 Resp: 1056059

Ion Ratio Lower Upper

154 100

153 40.8 21.6 61.6

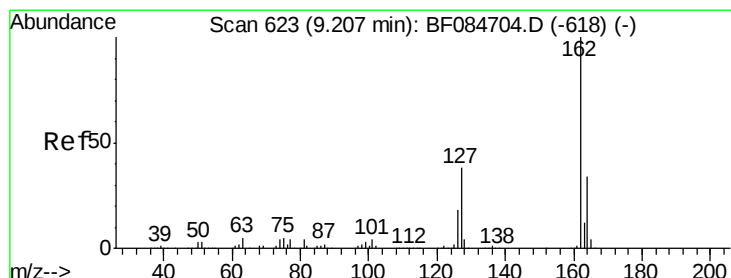
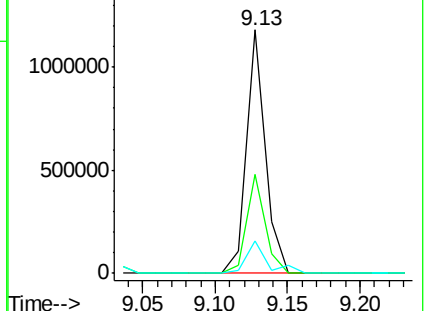
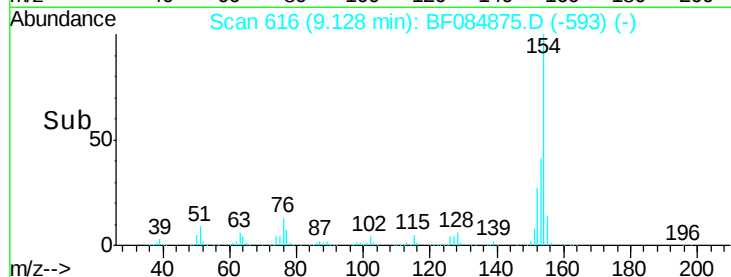
76 13.1 0.0 32.7



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: 37.92 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

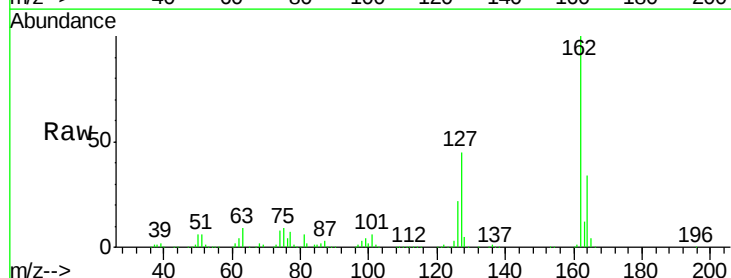
Tgt Ion:162 Resp: 825203

Ion Ratio Lower Upper

162 100

127 44.8 40.2 60.4

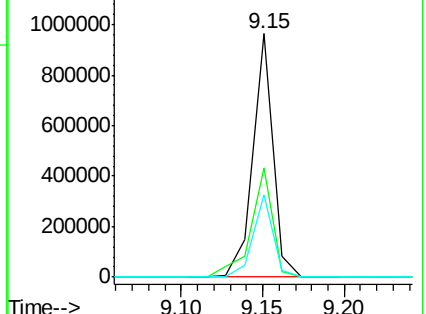
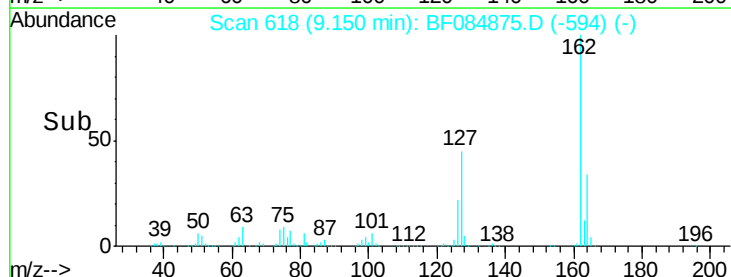
164 33.8 25.7 38.5

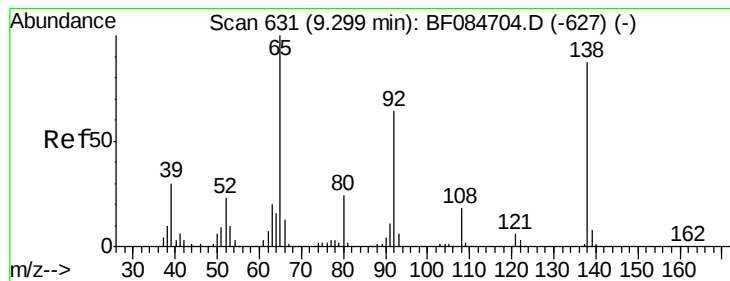


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.63 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

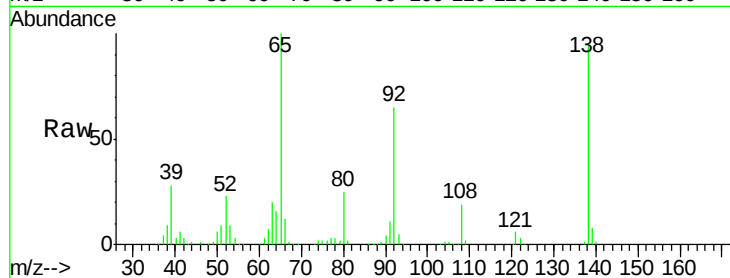
Tgt Ion: 65 Resp: 266239

Ion Ratio Lower Upper

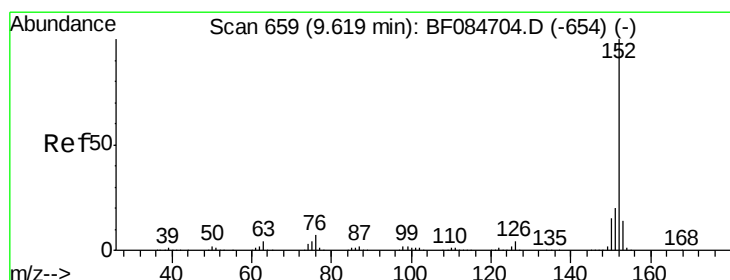
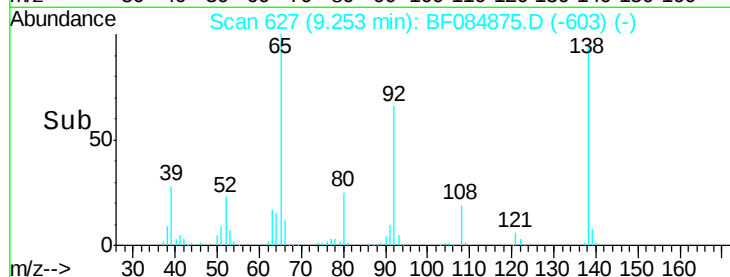
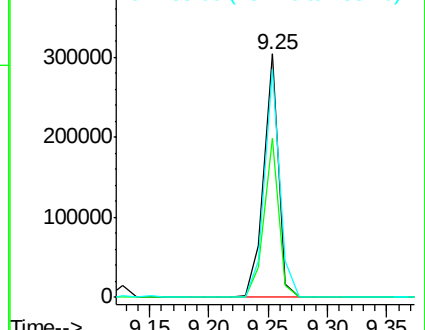
65 100

92 65.4 53.4 80.2

138 93.8 71.1 106.7



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



#48

Acenaphthylene

Concen: 37.43 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

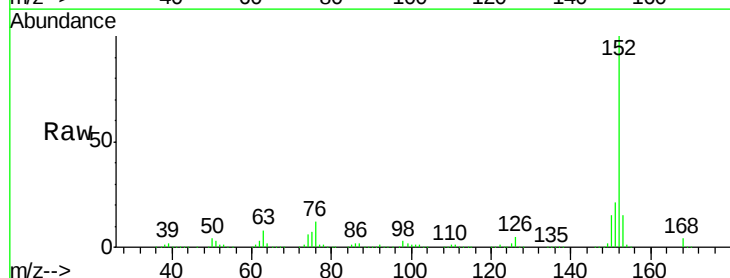
Tgt Ion: 152 Resp: 1236128

Ion Ratio Lower Upper

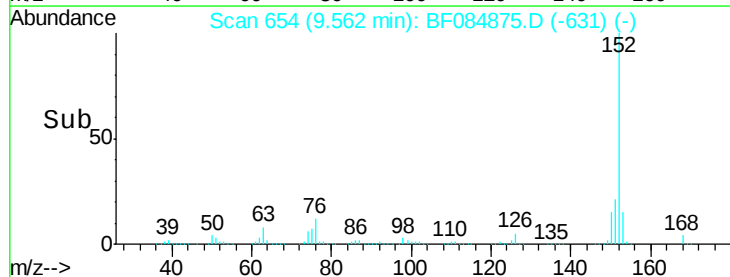
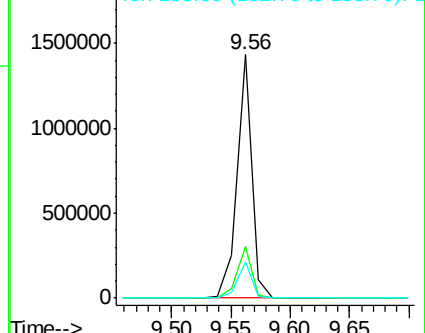
152 100

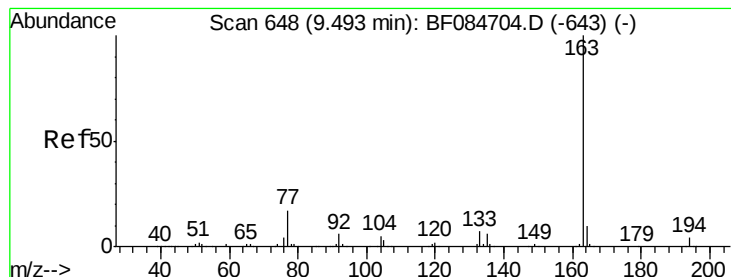
151 21.2 16.3 24.5

153 14.9 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.57 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

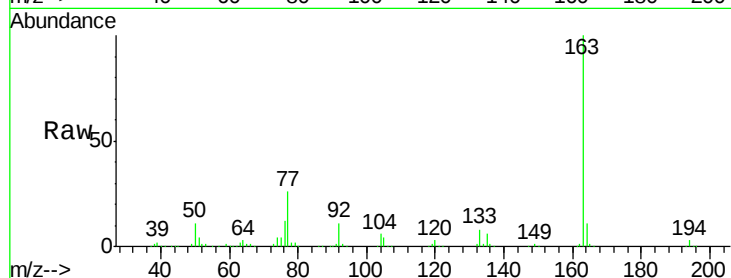
Tgt Ion:163 Resp: 972130

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

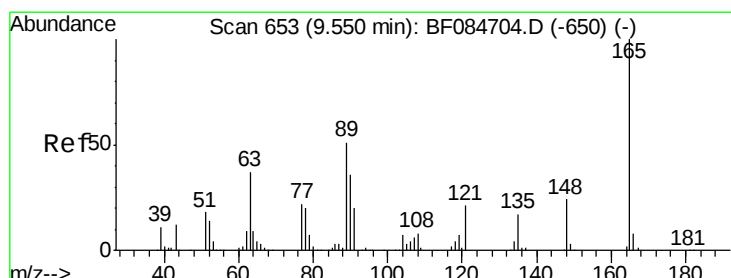
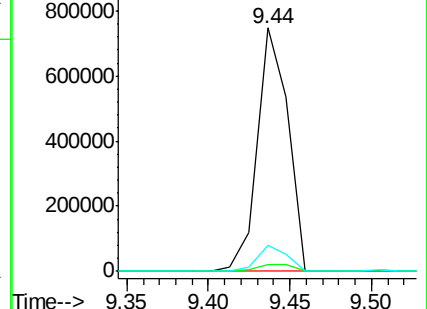
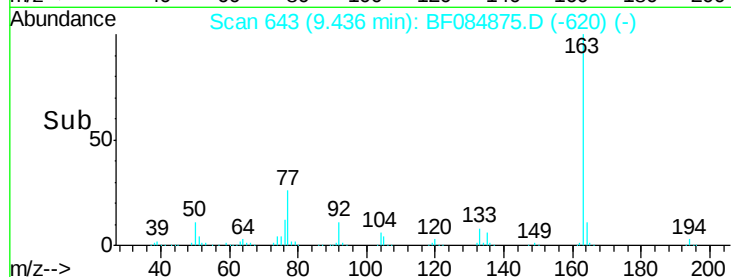
164 10.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.40 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

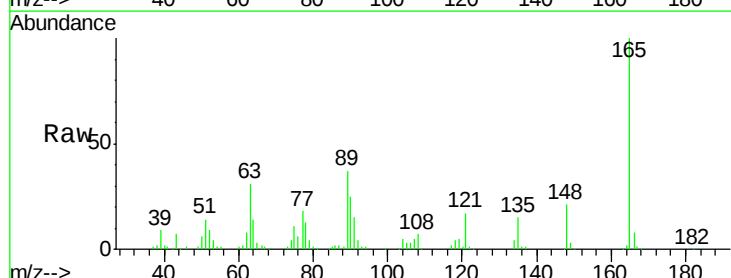
Tgt Ion:165 Resp: 233406

Ion Ratio Lower Upper

165 100

63 30.7 28.8 43.2

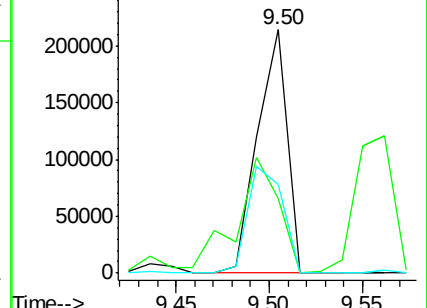
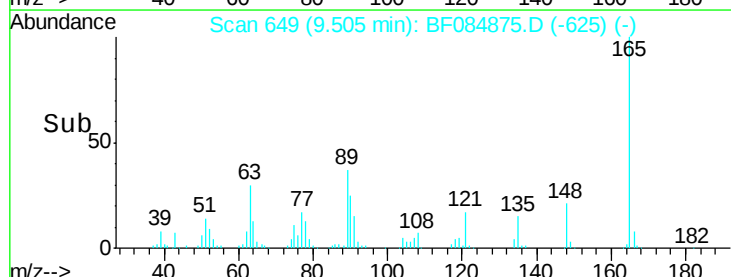
89 36.7 35.1 52.7

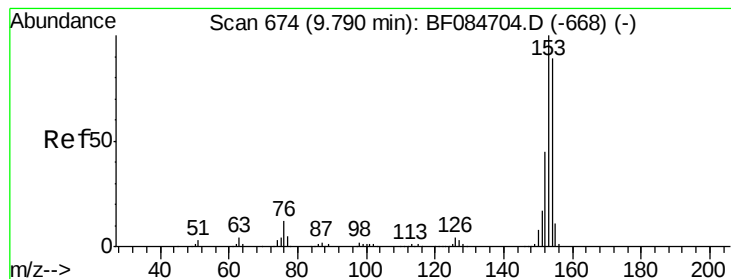


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.21 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

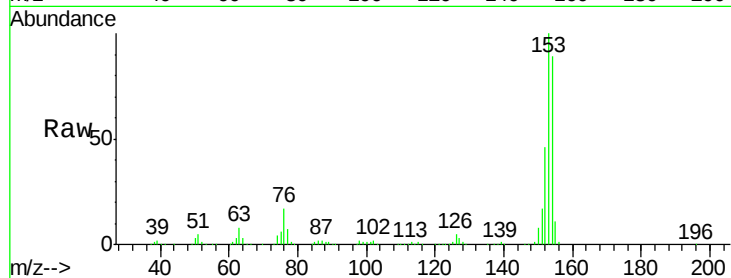
Tgt Ion:154 Resp: 778059

Ion Ratio Lower Upper

154 100

153 112.6 91.5 137.3

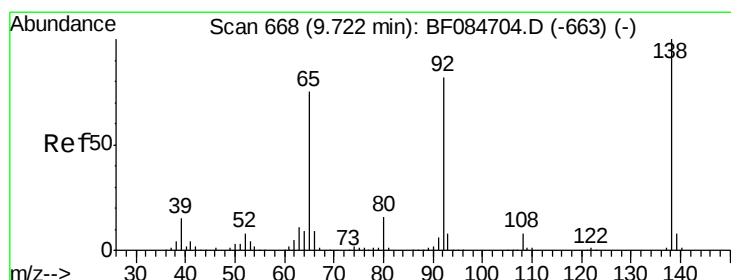
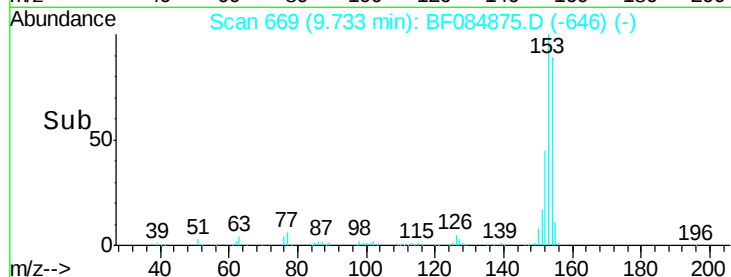
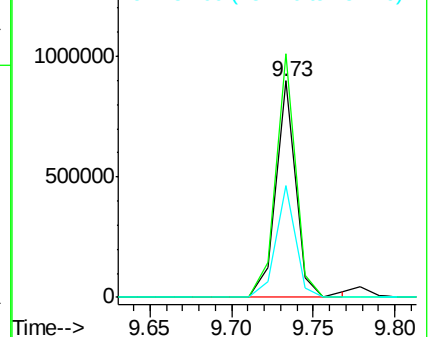
152 51.6 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.34 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

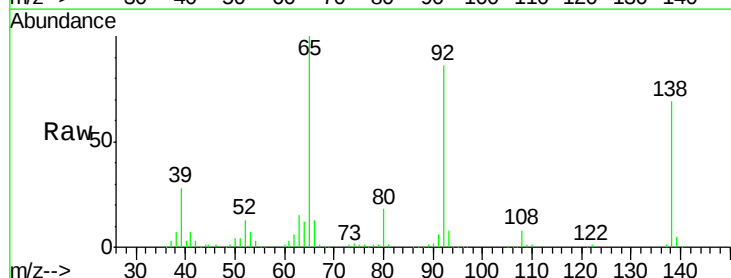
Tgt Ion:138 Resp: 212426

Ion Ratio Lower Upper

138 100

108 11.7 10.5 15.7

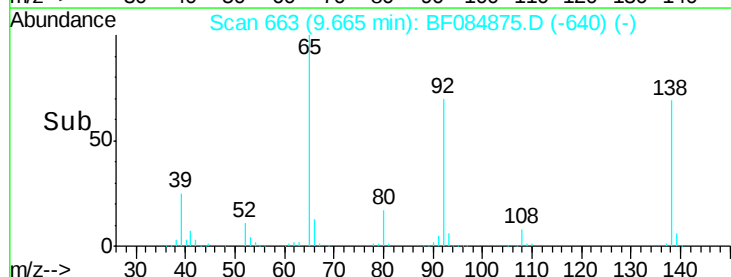
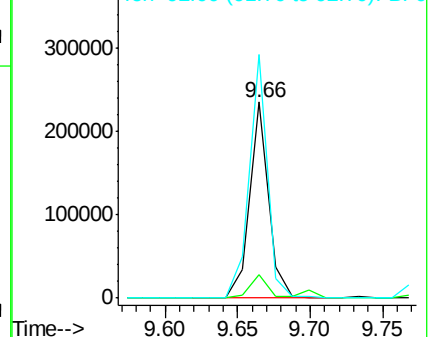
92 124.4 103.9 155.9

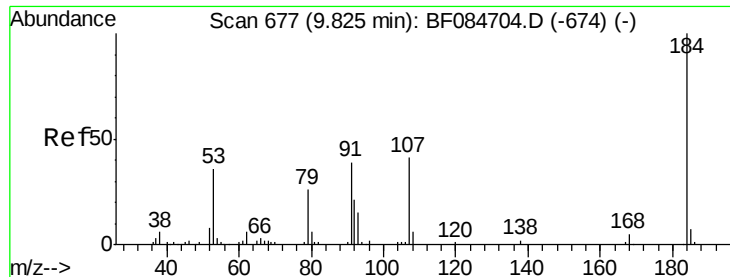


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

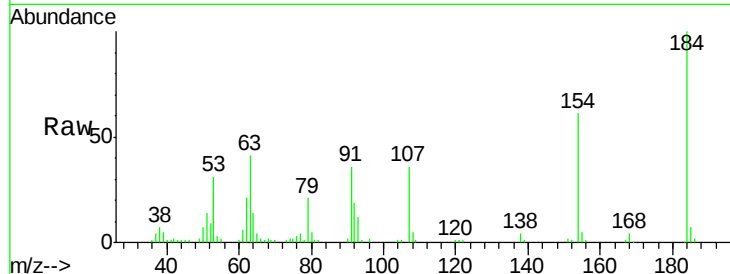




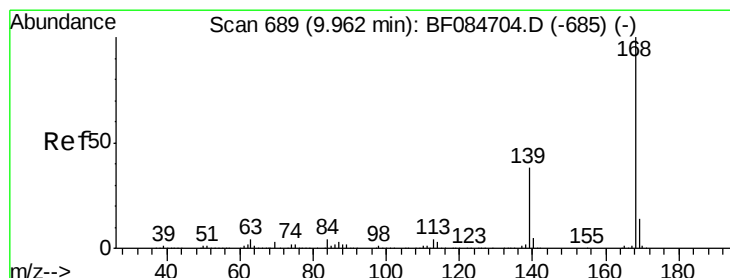
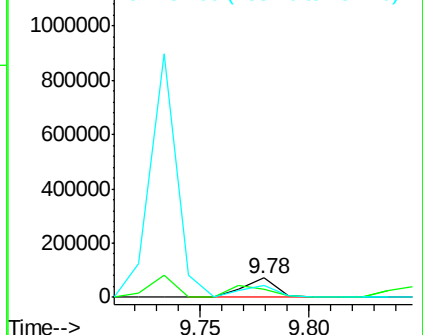
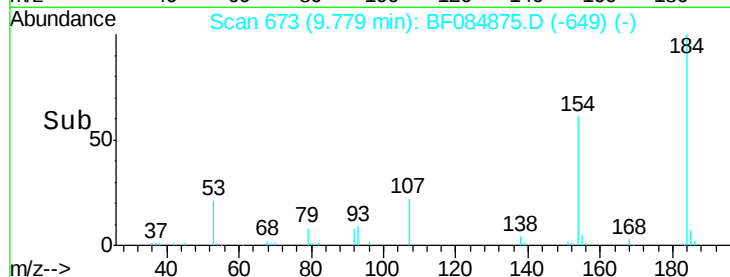
#53
 2,4-Dinitrophenol
 Concen: 34.58 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:184 Resp: 78832
 Ion Ratio Lower Upper
 184 100
 63 40.9 43.1 64.7#
 154 61.0 60.5 90.7

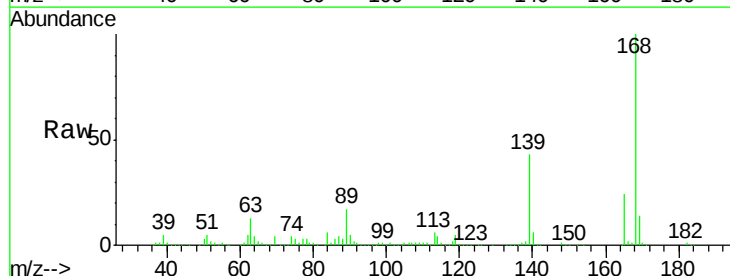


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

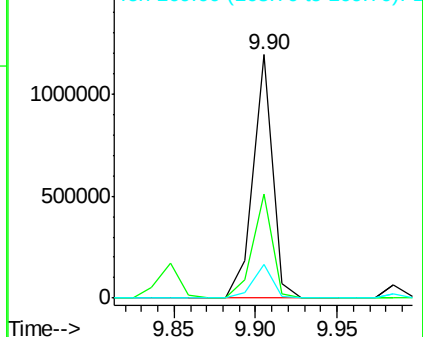
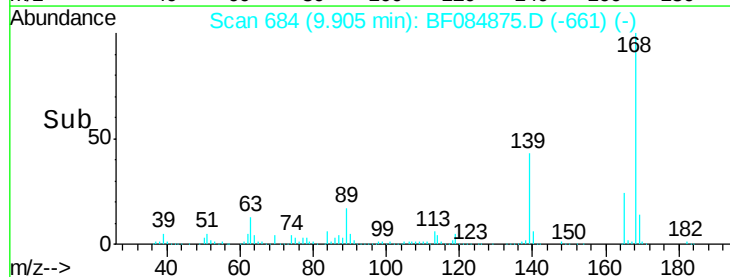


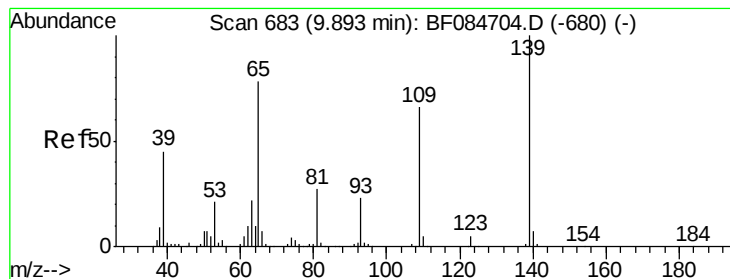
#54
 Dibenzofuran
 Concen: 37.99 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion:168 Resp: 997623
 Ion Ratio Lower Upper
 168 100
 139 42.8 30.5 45.7
 169 13.7 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: 37.42 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

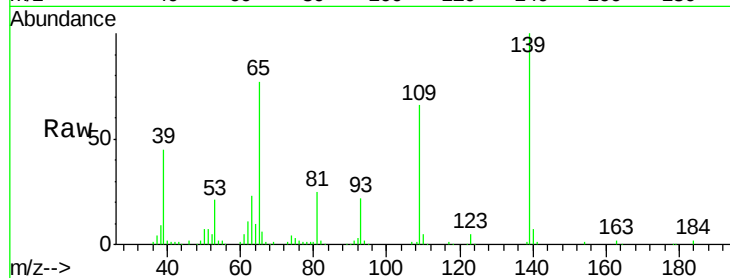
Tgt Ion:139 Resp: 170150

Ion Ratio Lower Upper

139 100

109 66.2 58.5 98.5

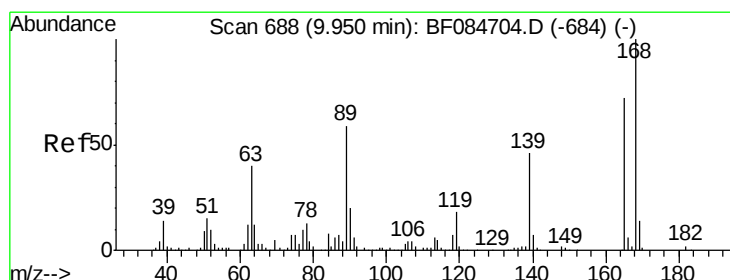
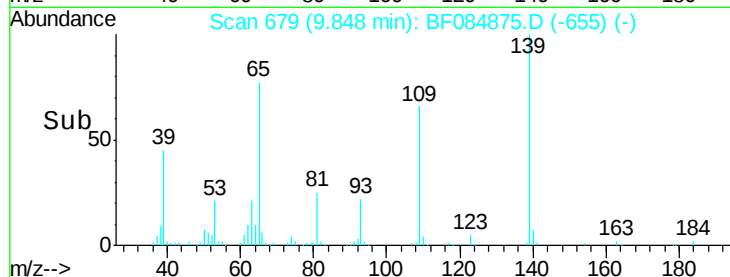
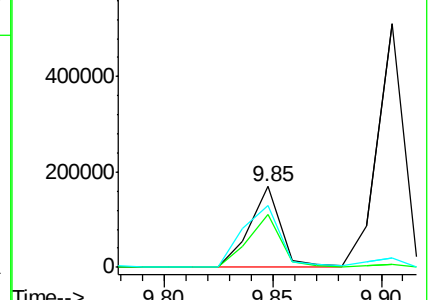
65 76.6 57.6 97.6



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: 41.88 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion:165 Resp: 294094

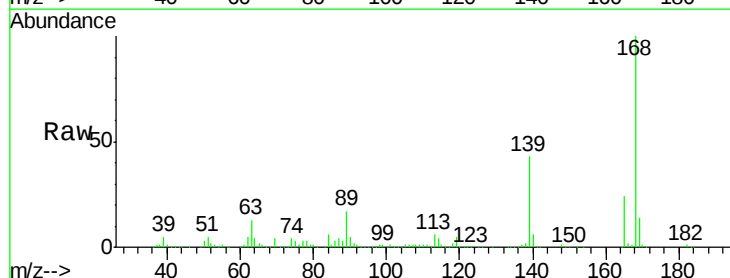
Ion Ratio Lower Upper

165 100

63 55.1 36.7 55.1#

89 72.5 61.9 92.9

182 2.4 2.0 3.0

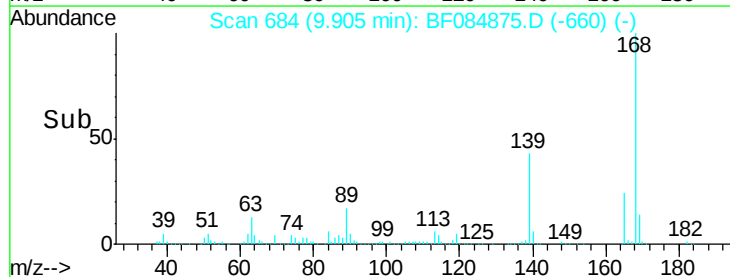
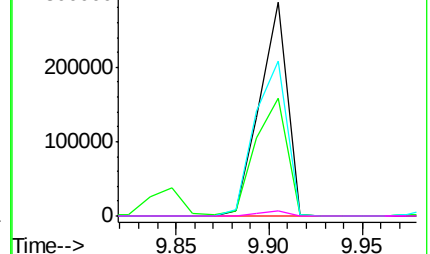


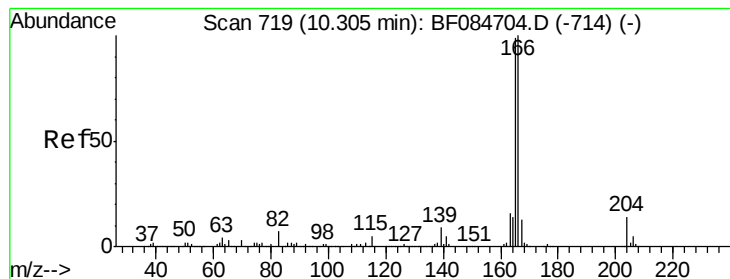
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.89 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

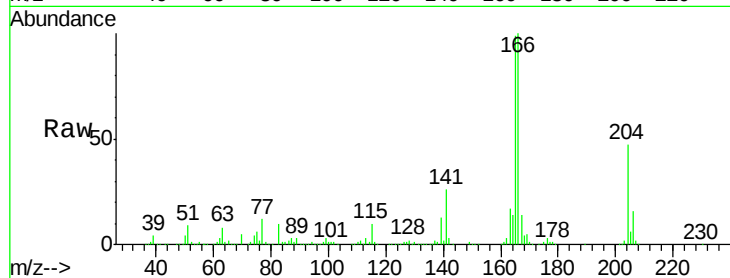
Tgt Ion:166 Resp: 852856

Ion Ratio Lower Upper

166 100

165 99.3 79.1 118.7

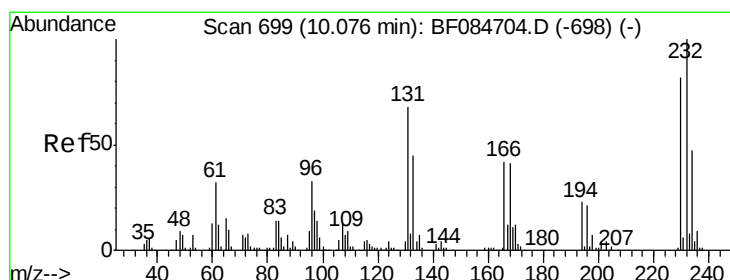
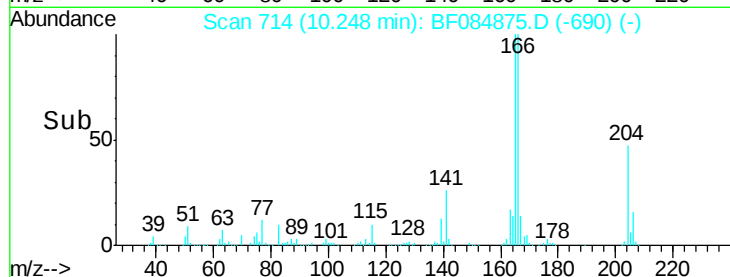
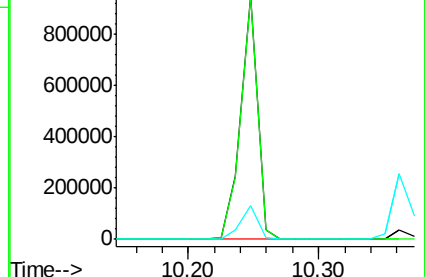
167 13.7 10.4 15.6



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: 41.79 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion:232 Resp: 218837

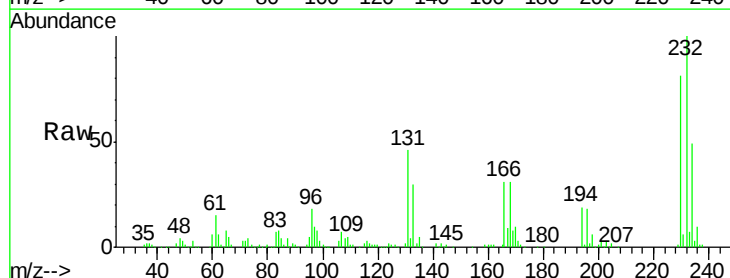
Ion Ratio Lower Upper

232 100

131 50.6 47.0 70.6

130 2.4 2.0 3.0

166 32.7 30.5 45.7

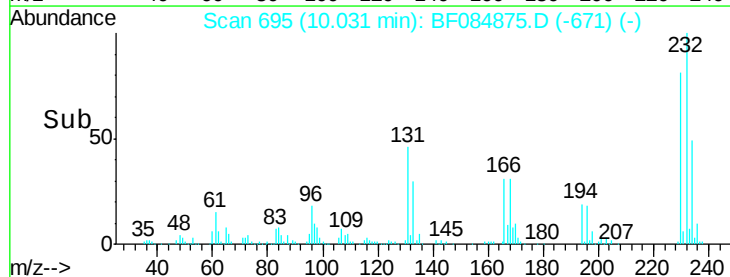
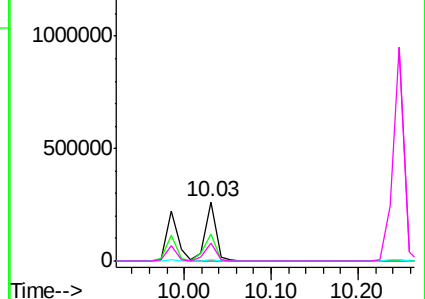


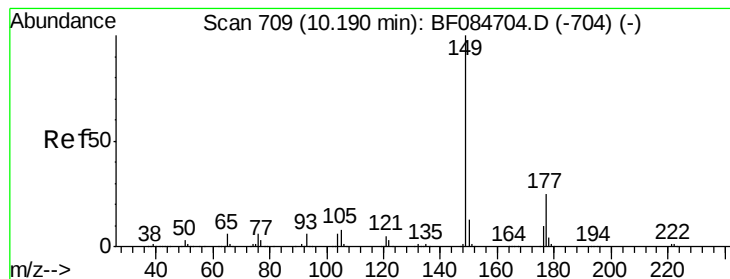
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.54 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

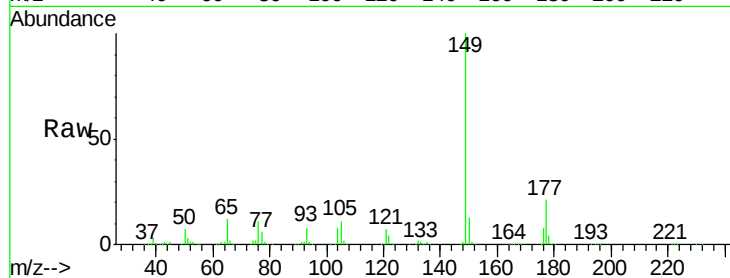
Tgt Ion:149 Resp: 899270

Ion Ratio Lower Upper

149 100

177 21.3 17.3 25.9

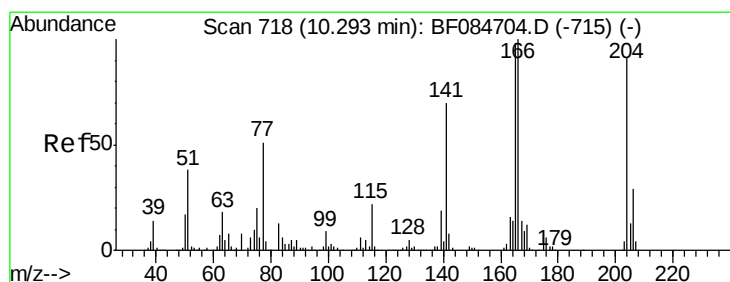
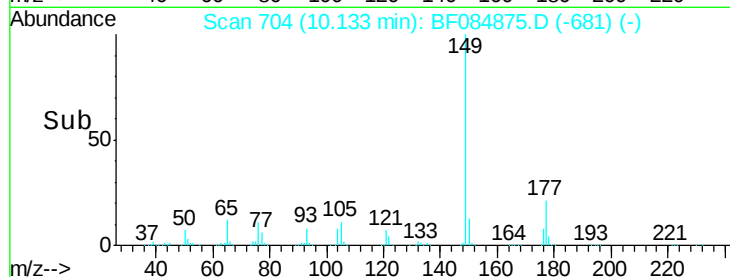
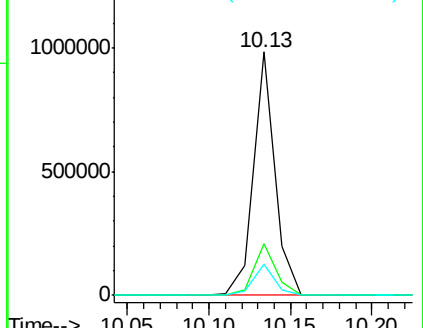
150 12.8 9.8 14.8



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: 47.48 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

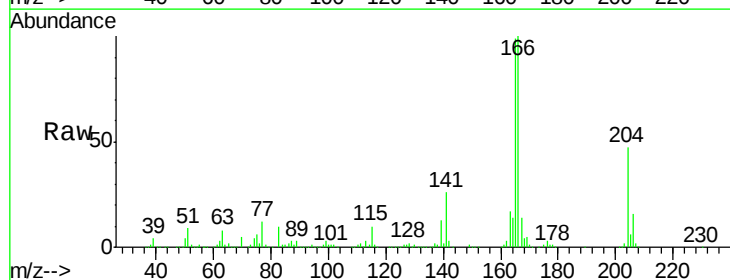
Tgt Ion:204 Resp: 433760

Ion Ratio Lower Upper

204 100

206 33.3 25.7 38.5

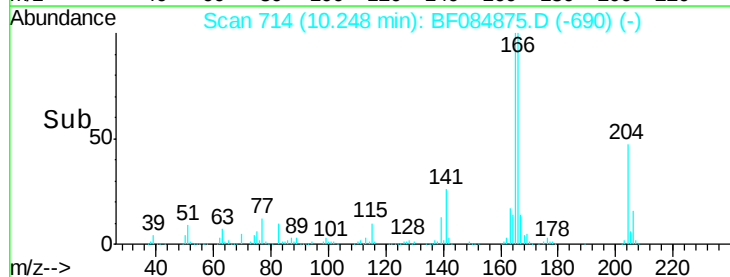
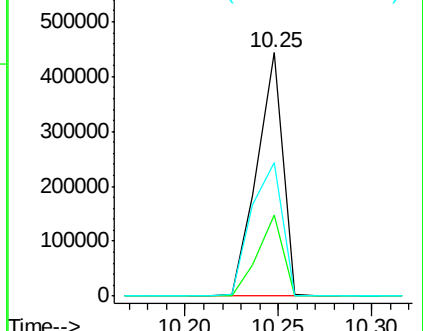
141 55.1 55.1 82.7#

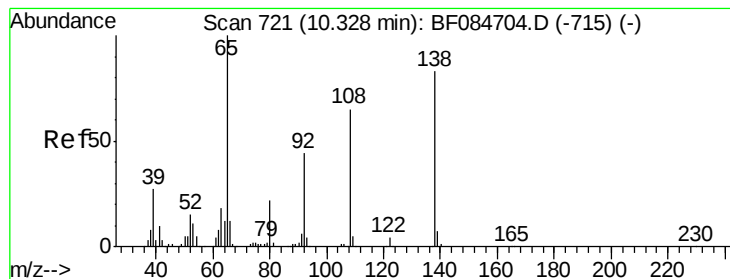


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.70 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

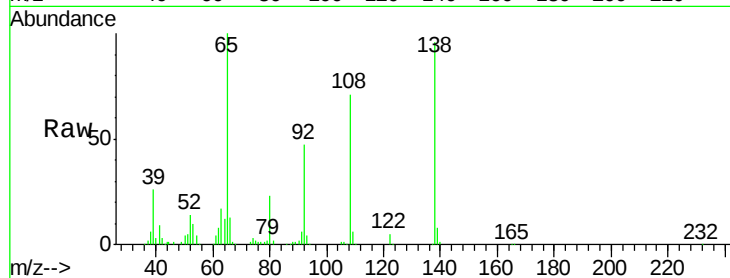
Tgt Ion:138 Resp: 251392

Ion Ratio Lower Upper

138 100

92 49.3 32.6 72.6

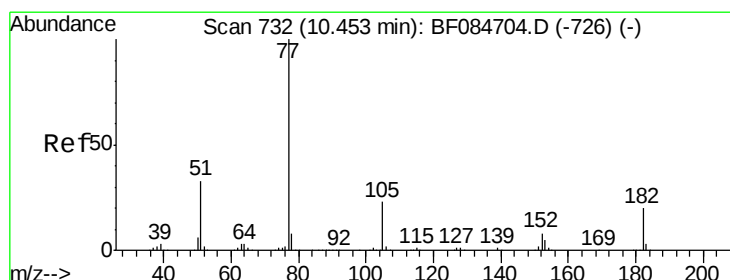
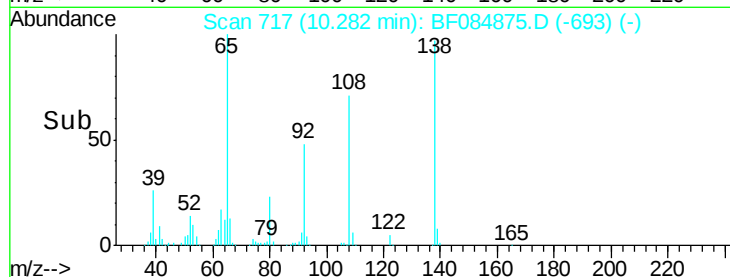
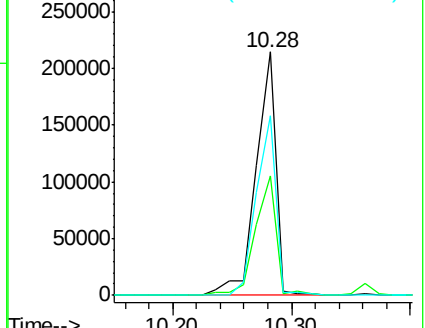
108 73.9 68.6 108.6



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: 37.70 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Tgt Ion: 77 Resp: 892083

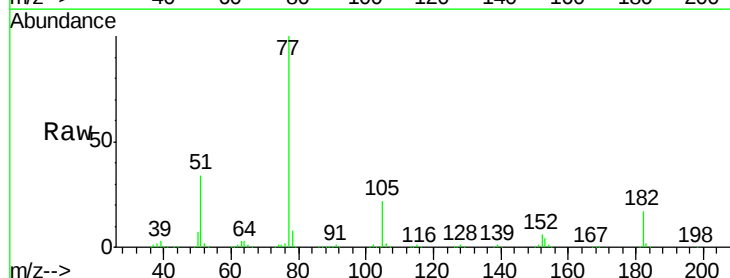
Ion Ratio Lower Upper

77 100

182 16.6 8.3 48.3

105 21.6 4.6 44.6

51 34.1 6.2 46.2

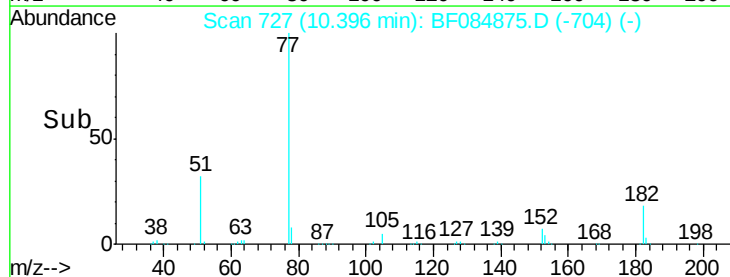
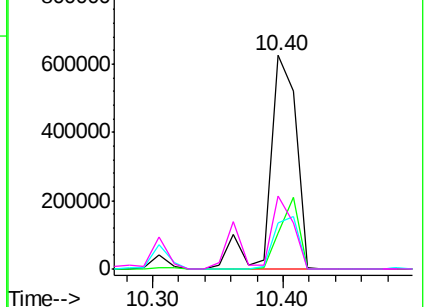


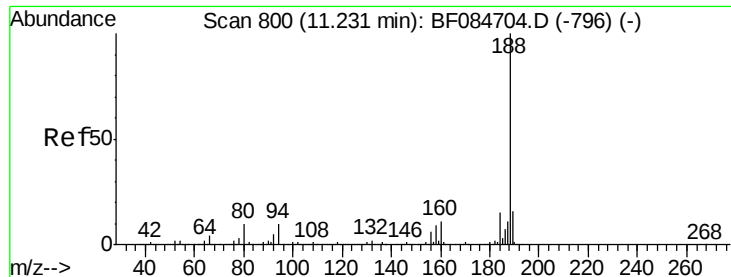
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

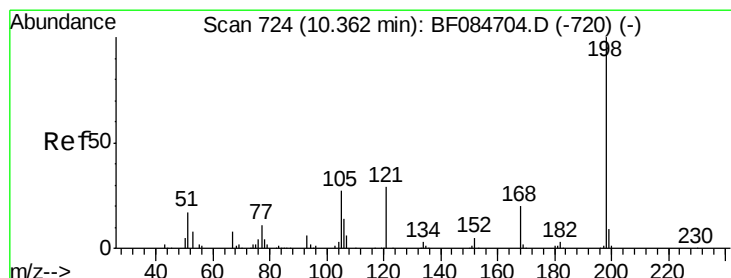
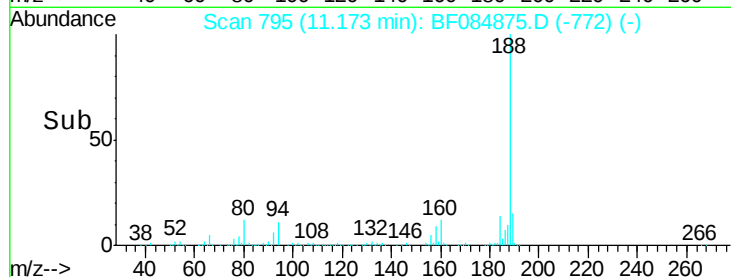
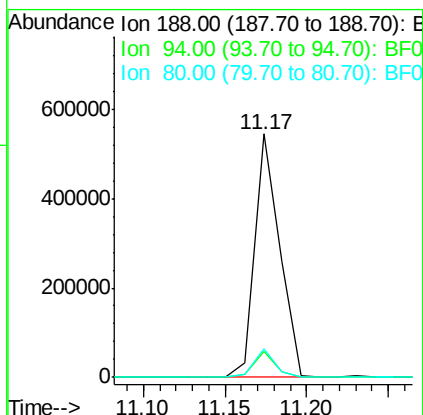
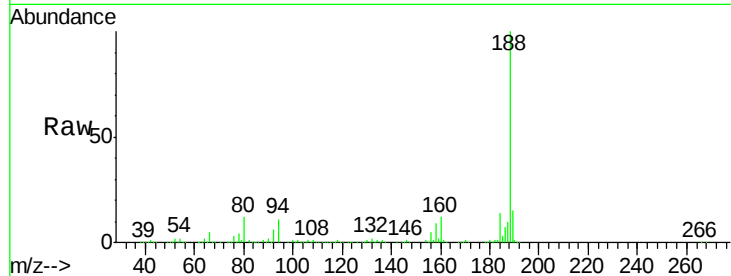




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

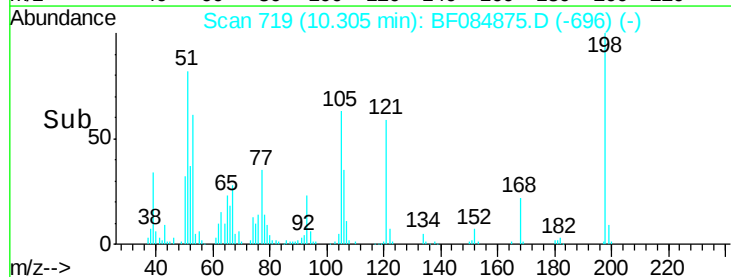
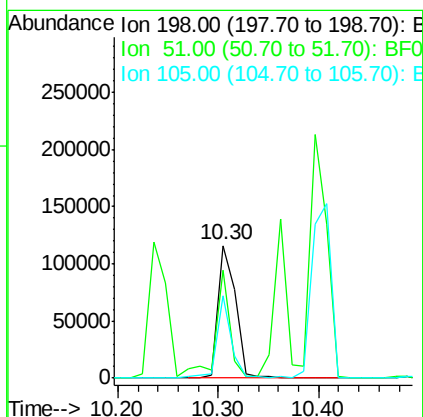
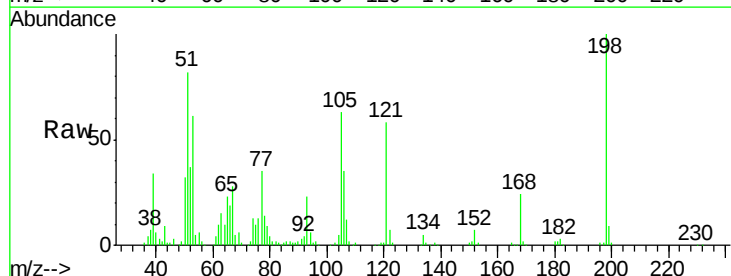
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

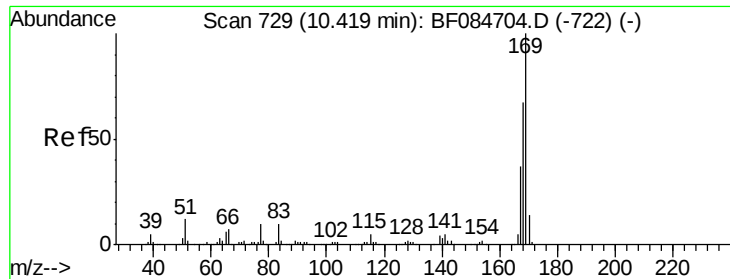
Tgt Ion:188 Resp: 576315
Ion Ratio Lower Upper
188 100
94 10.8 9.0 13.4
80 11.9 9.6 14.4



#64
4,6-Dinitro-2-methylphenol
Concen: 39.47 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion:198 Resp: 140411
Ion Ratio Lower Upper
198 100
51 81.6 18.9 58.9#
105 62.6 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 37.29 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

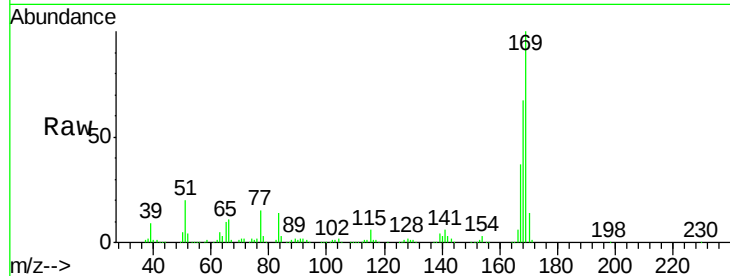
Tgt Ion:169 Resp: 682353

Ion Ratio Lower Upper

169 100

168 66.8 55.1 82.7

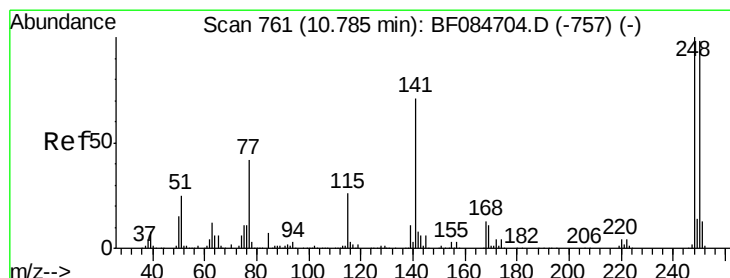
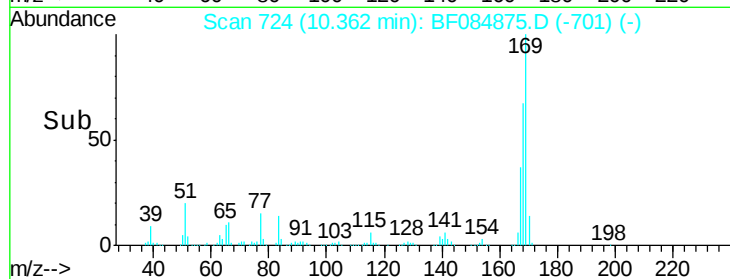
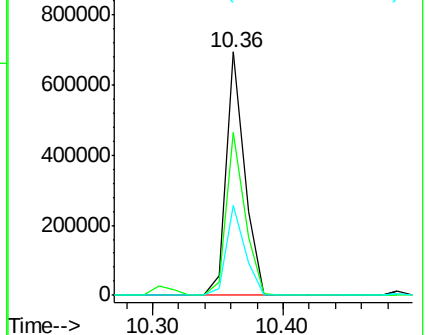
167 37.0 30.0 45.0



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: 39.93 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

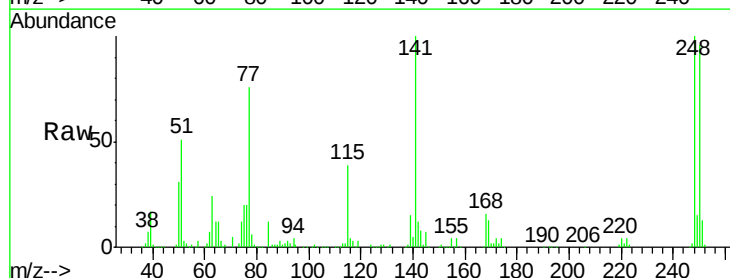
Tgt Ion:248 Resp: 254170

Ion Ratio Lower Upper

248 100

250 96.2 78.4 117.6

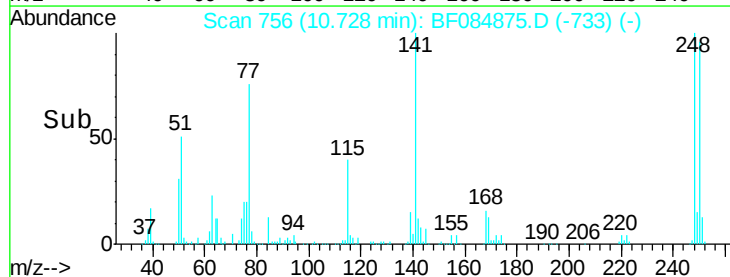
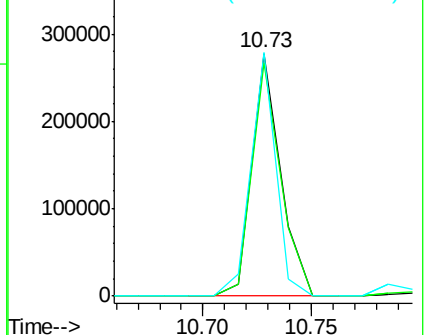
141 100.5 44.0 66.0#



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

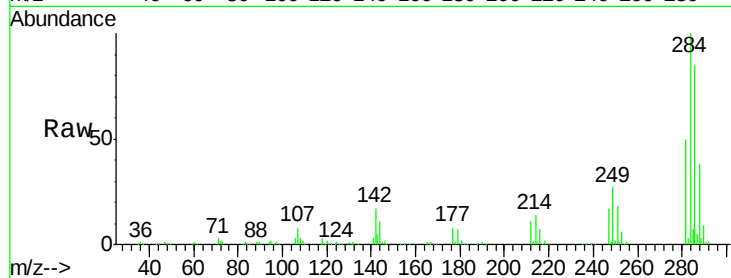




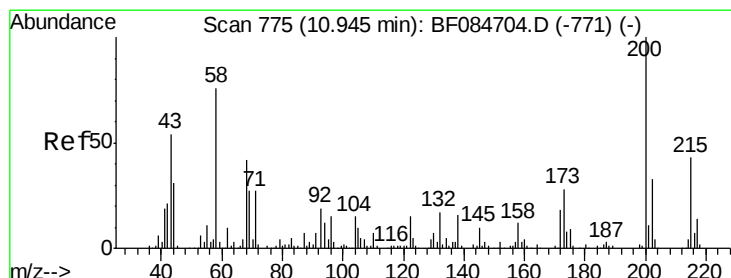
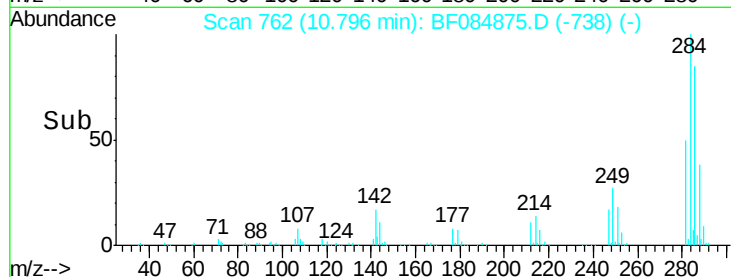
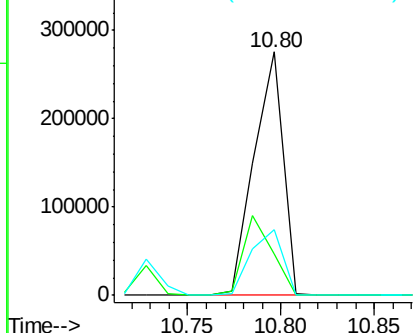
#67
Hexachlorobenzene
Concen: 42.76 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 284 Resp: 296553
Ion Ratio Lower Upper
284 100
142 16.9 22.2 33.4#
249 27.1 24.6 37.0

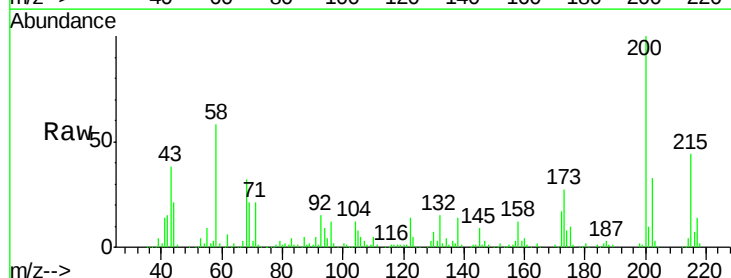


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

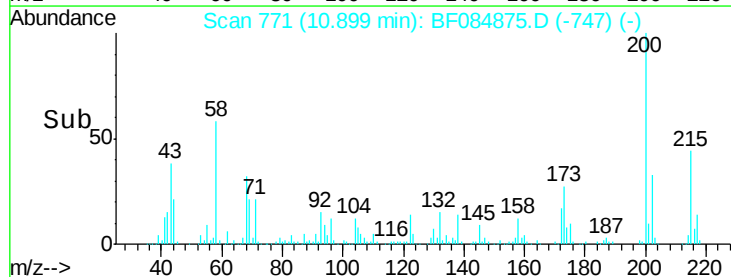
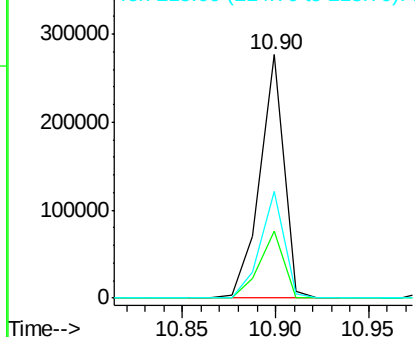


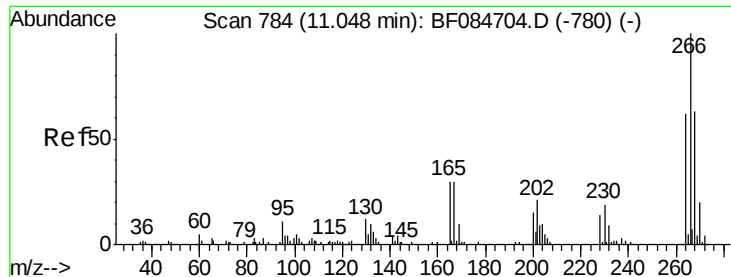
#68
Atrazine
Concen: 42.51 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion: 200 Resp: 245671
Ion Ratio Lower Upper
200 100
173 27.4 9.5 49.5
215 44.0 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

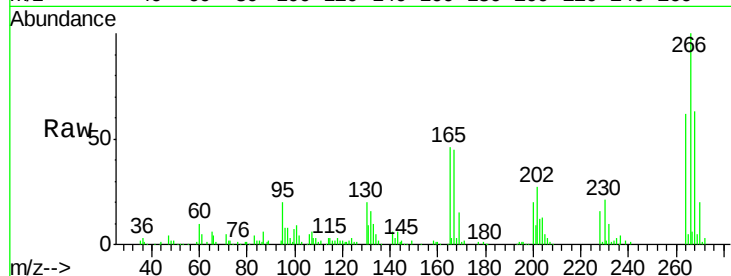




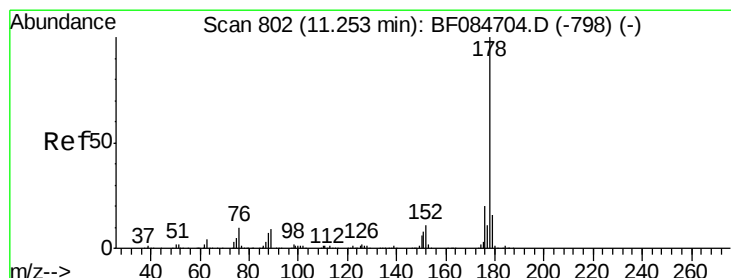
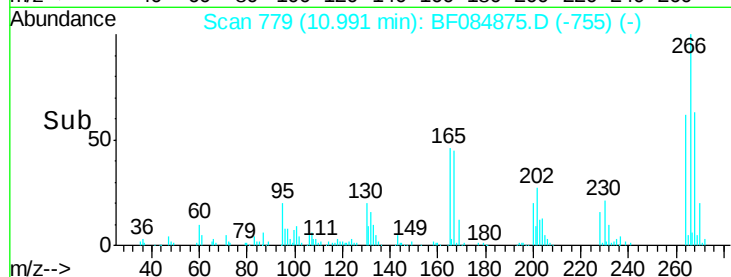
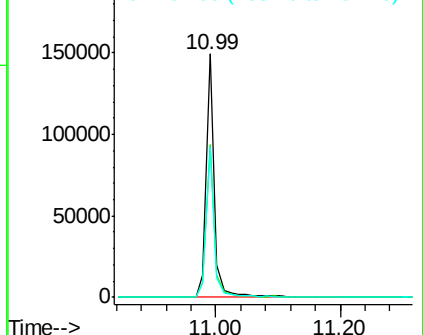
#69
 Pentachlorophenol
 Concen: 42.62 ng
 RT: 10.99 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:266 Resp: 138930
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.4 78.6
 264 61.9 50.2 75.2

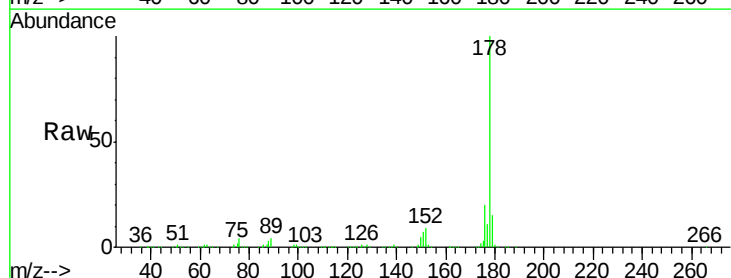


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

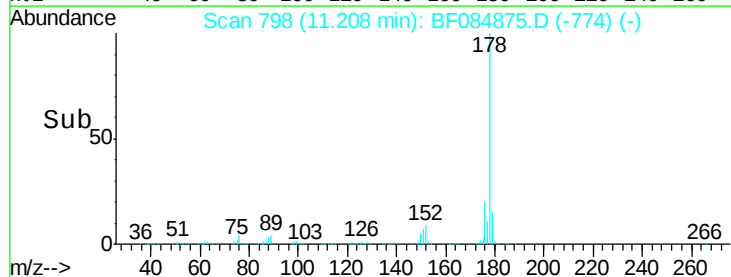
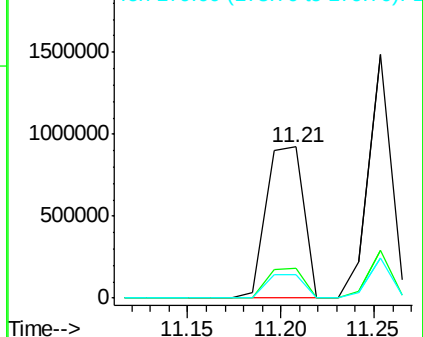


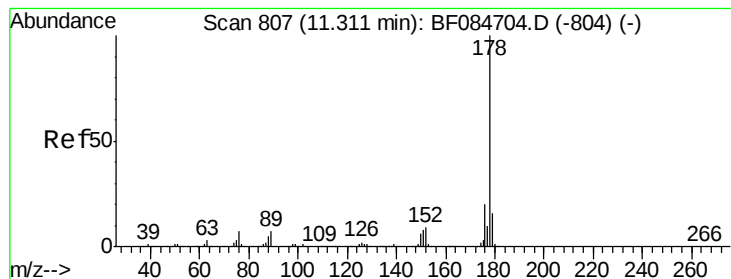
#70
 Phenanthrene
 Concen: 39.93 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion:178 Resp: 1276291
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.3 22.9
 179 15.3 12.0 18.0



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





#71

Anthracene

Concen: 38.76 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

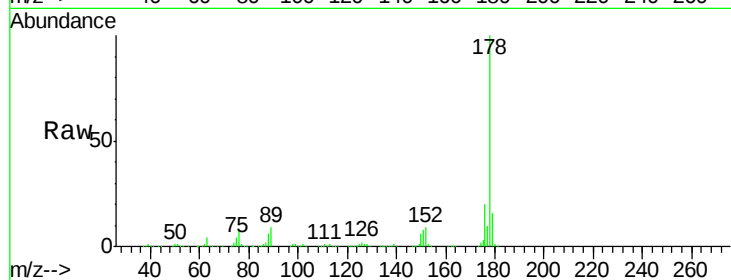
Tgt Ion:178 Resp: 1248321

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

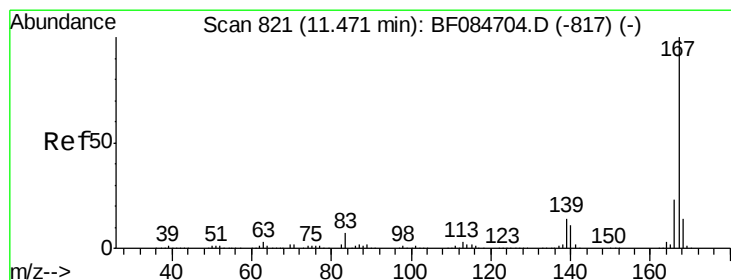
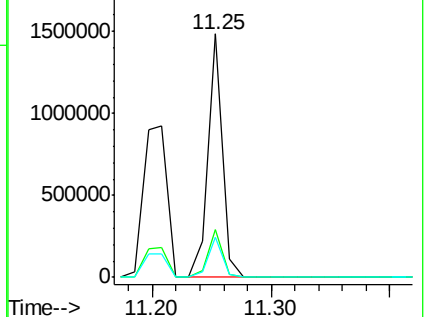
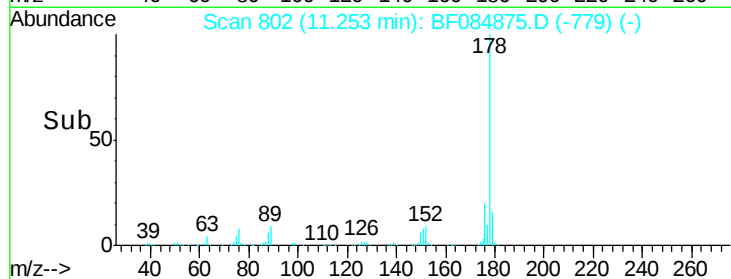
179 16.2 12.5 18.7



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: 38.29 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

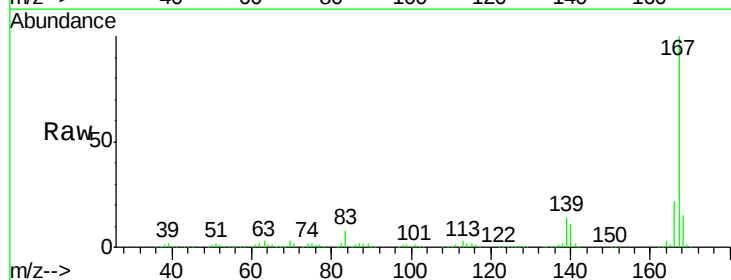
Tgt Ion:167 Resp: 1075346

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

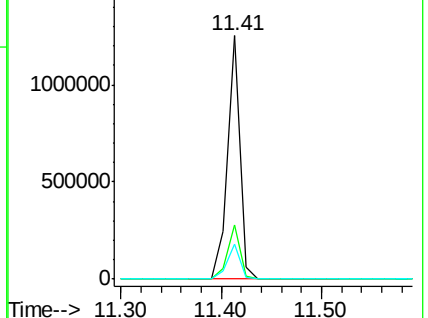
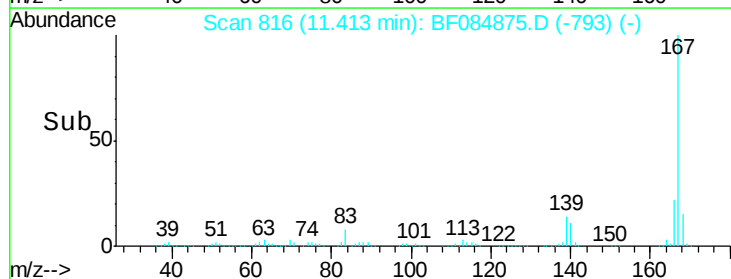
139 14.5 11.8 17.8



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: 42.64 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

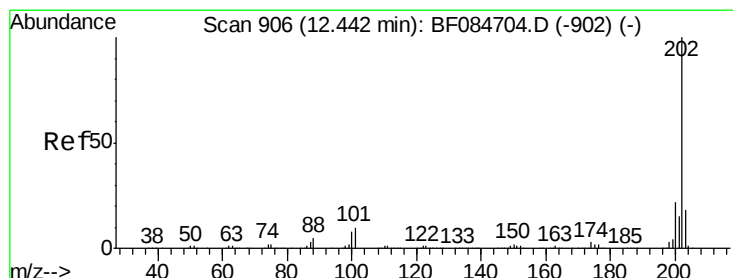
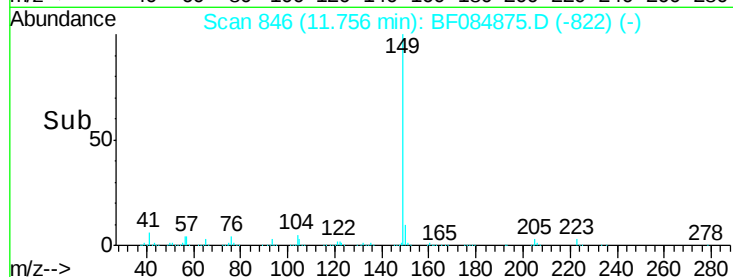
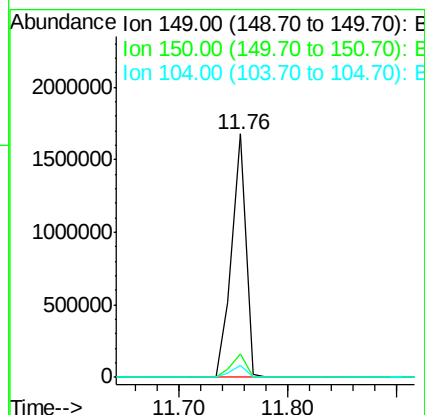
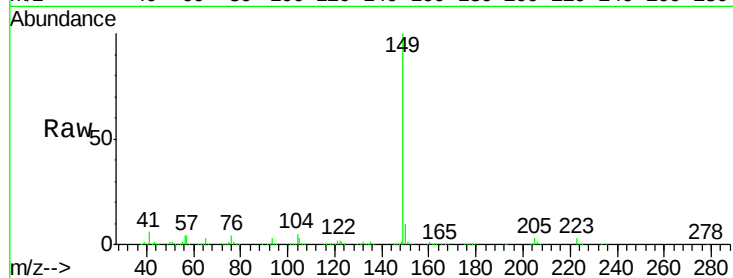
Tgt Ion:149 Resp: 1524798

Ion Ratio Lower Upper

149 100

150 9.8 7.1 10.7

104 4.9 3.2 4.8#



#74

Fluoranthene

Concen: 39.22 ng

RT: 12.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

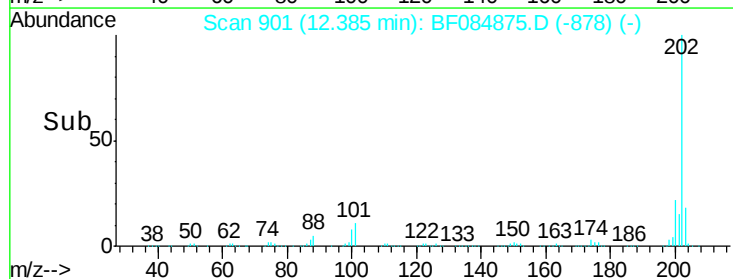
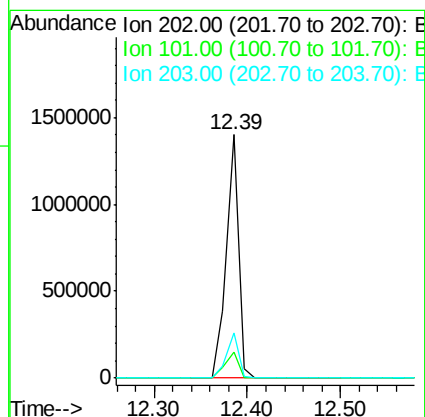
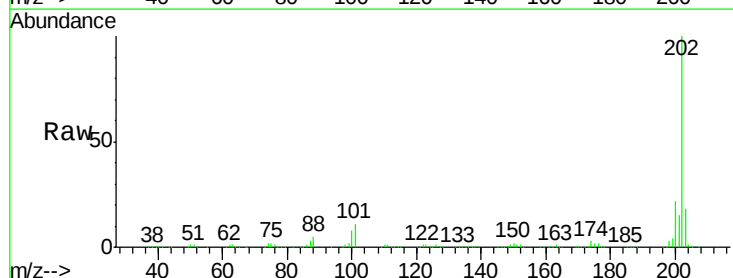
Tgt Ion:202 Resp: 1268767

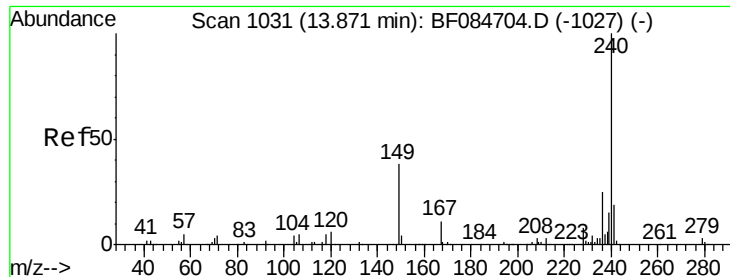
Ion Ratio Lower Upper

202 100

101 10.8 0.0 32.8

203 18.3 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

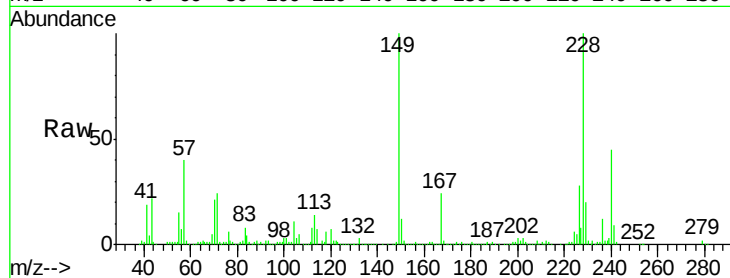
Tgt Ion:240 Resp: 360037

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

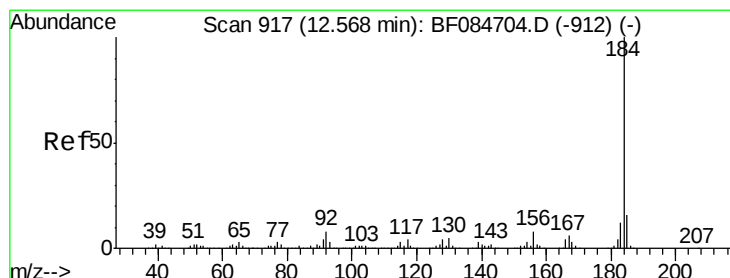
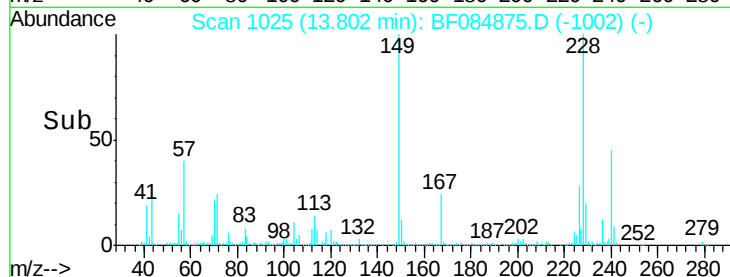
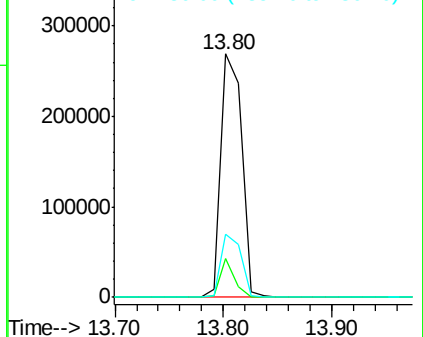
236 25.7 20.6 31.0



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: 38.40 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

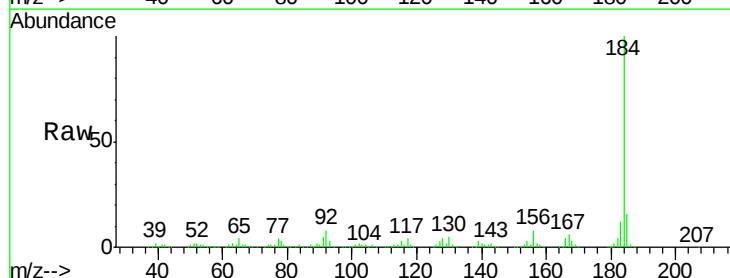
Tgt Ion:184 Resp: 487926

Ion Ratio Lower Upper

184 100

185 15.7 12.2 18.2

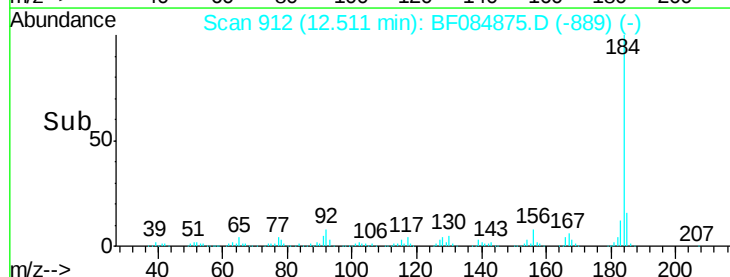
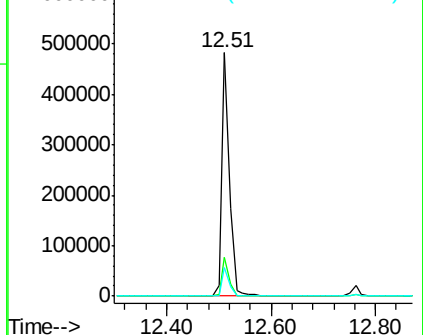
183 11.6 9.8 14.8

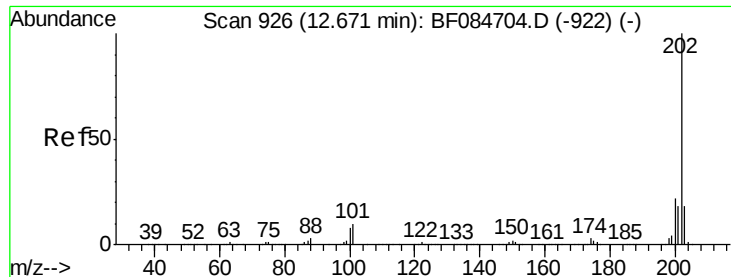


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.90 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

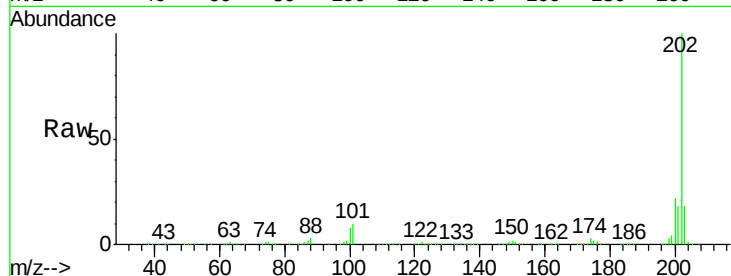
Tgt Ion:202 Resp: 1292753

Ion Ratio Lower Upper

202 100

200 22.2 17.2 25.8

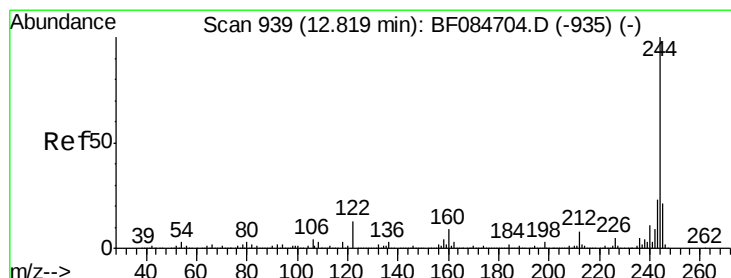
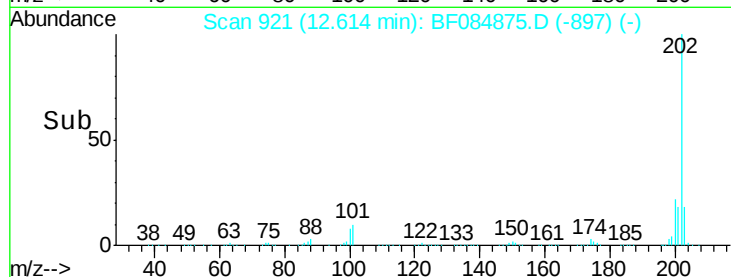
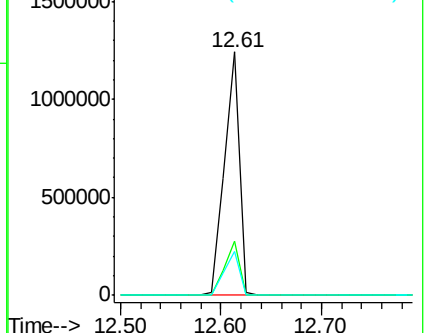
203 18.2 14.3 21.5



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: 83.68 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

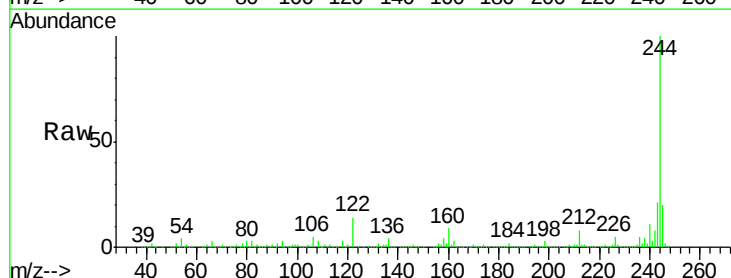
Tgt Ion:244 Resp: 1329617

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

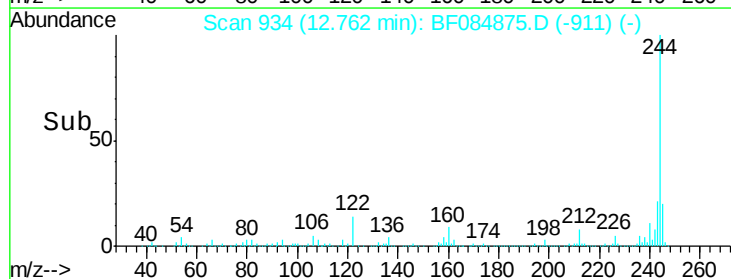
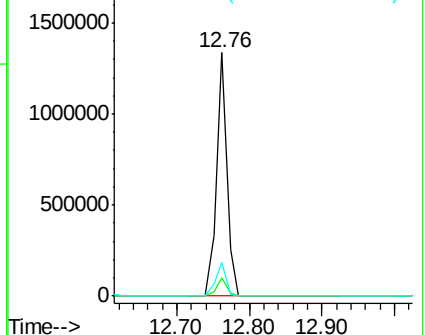
122 14.1 7.4 11.0#

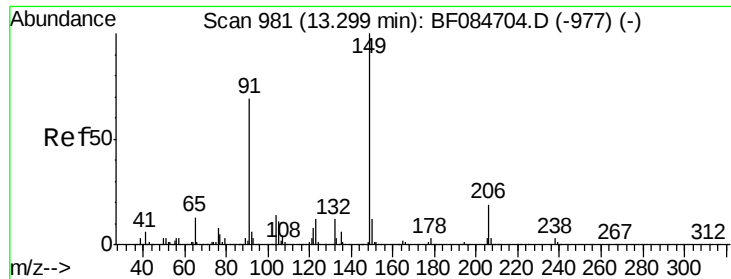


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

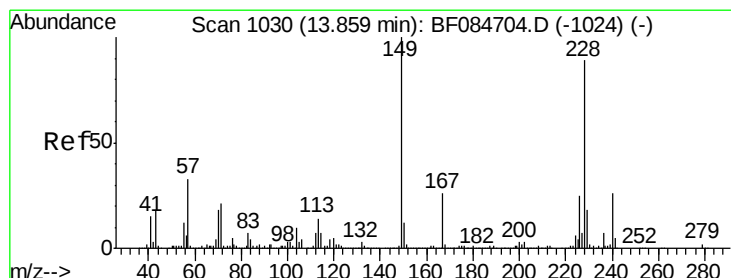
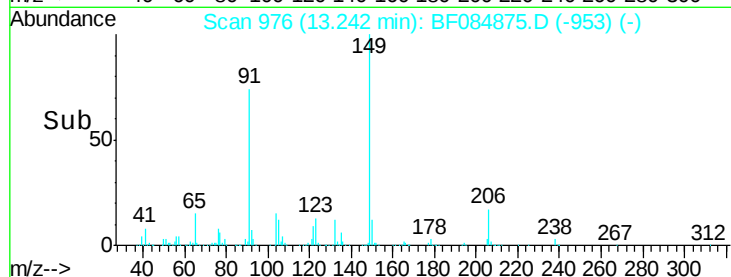
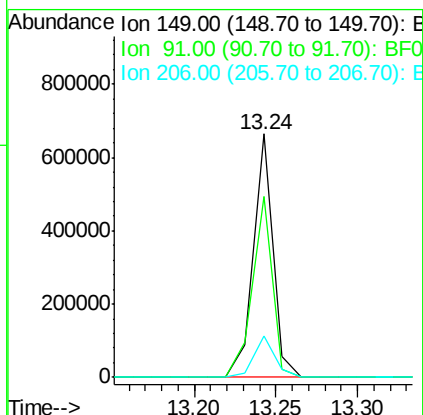
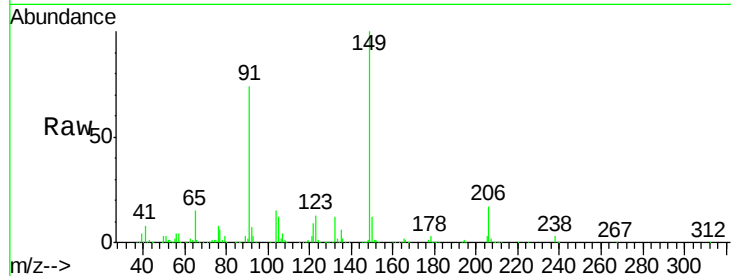




#79
Butylbenzylphthalate
Concen: 44.53 ng
RT: 13.24 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

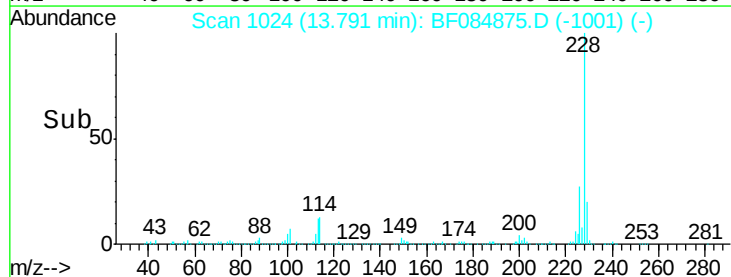
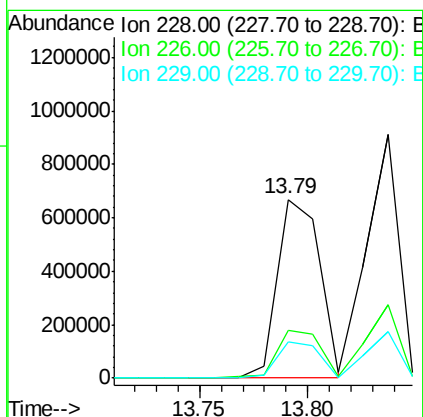
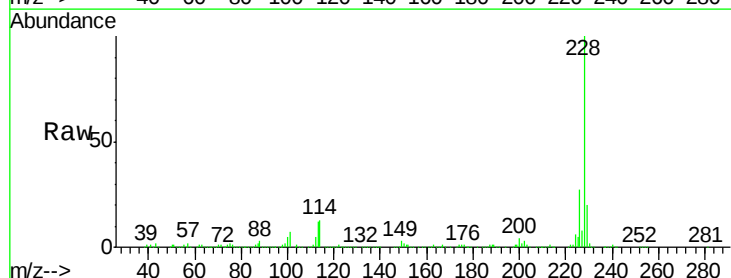
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:149 Resp: 556880
Ion Ratio Lower Upper
149 100
91 74.4 57.6 86.4
206 17.1 13.2 19.8



#80
Benzo(a)anthracene
Concen: 40.85 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion:228 Resp: 912797
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.6
229 20.2 15.8 23.8

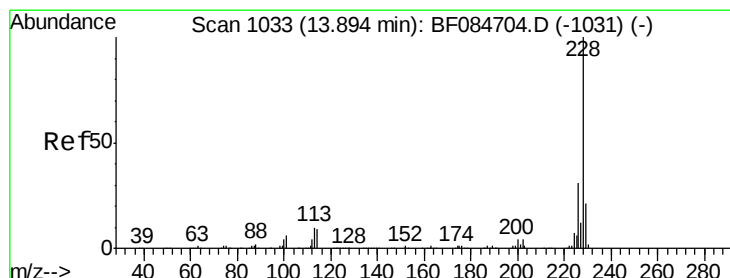
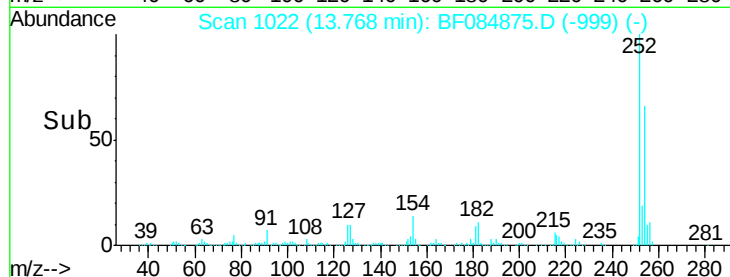
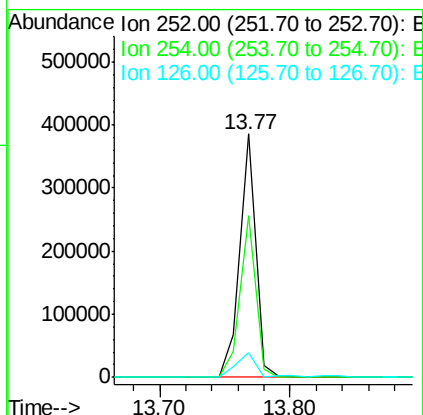
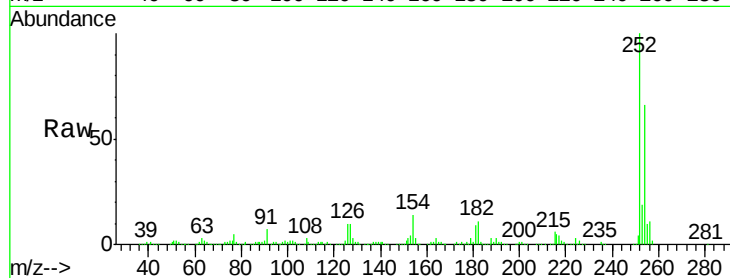




#81
 3,3'-Dichlorobenzidine
 Concen: 41.45 ng
 RT: 13.77 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

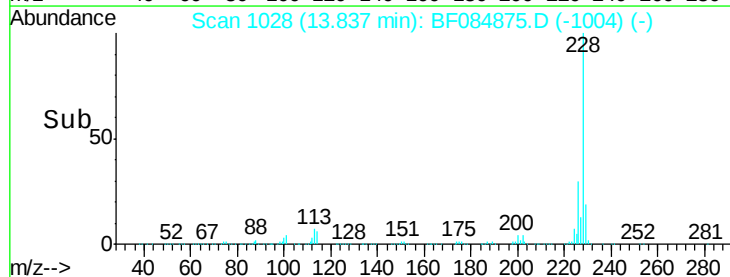
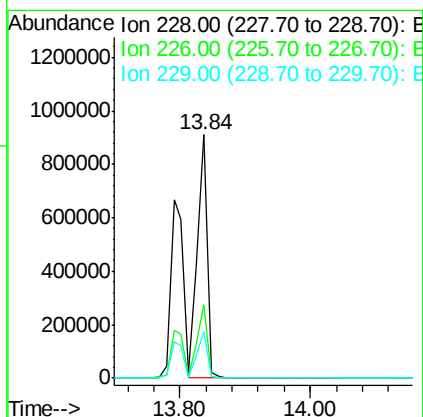
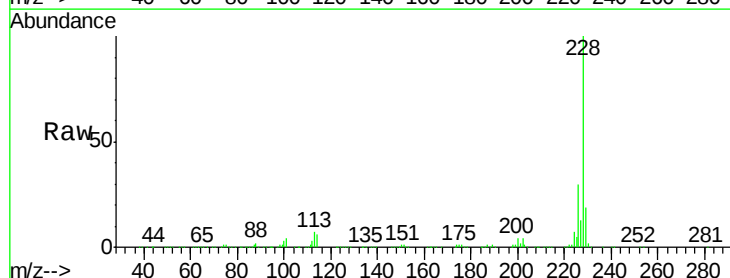
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:252 Resp: 327961
 Ion Ratio Lower Upper
 252 100
 254 66.2 53.5 80.3
 126 10.2 4.9 7.3#



#82
 Chrysene
 Concen: 43.30 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF084875.D
 Acq: 5 Feb 2016 22:24

Tgt Ion:228 Resp: 938175
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.3 36.5
 229 19.3 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.88 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

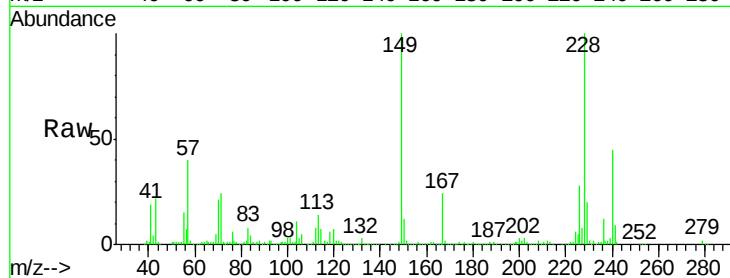
Tgt Ion:149 Resp: 667323

Ion Ratio Lower Upper

149 100

167 24.5 19.7 29.5

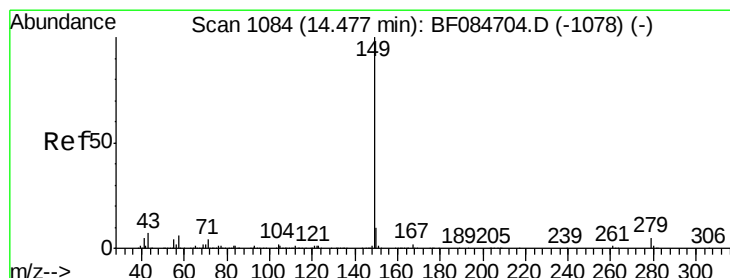
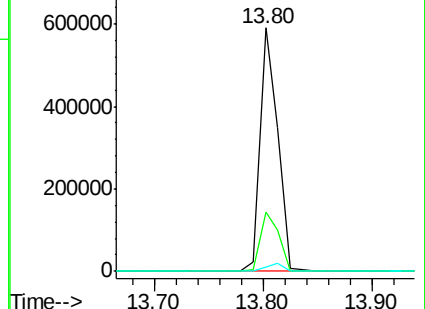
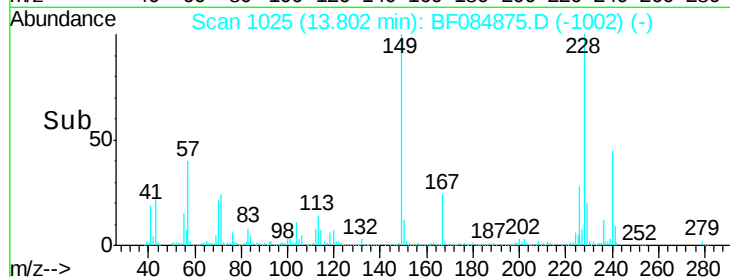
279 1.8 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.64 ng

RT: 14.42 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

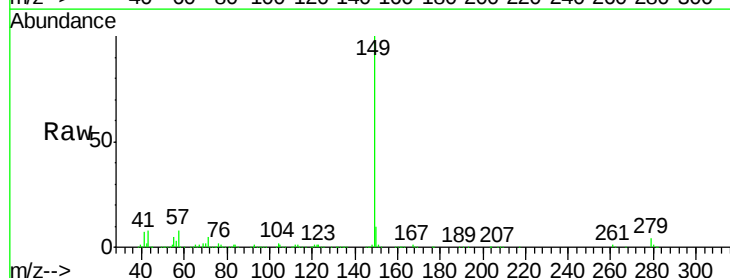
Tgt Ion:149 Resp: 1068974

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

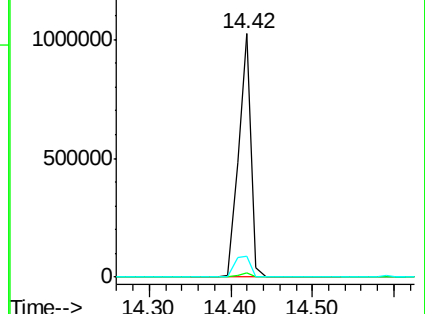
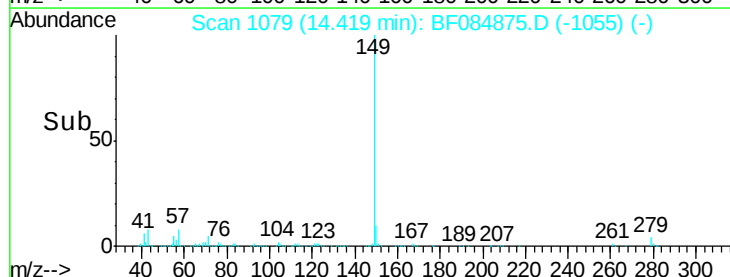
43 11.2 5.6 8.4#

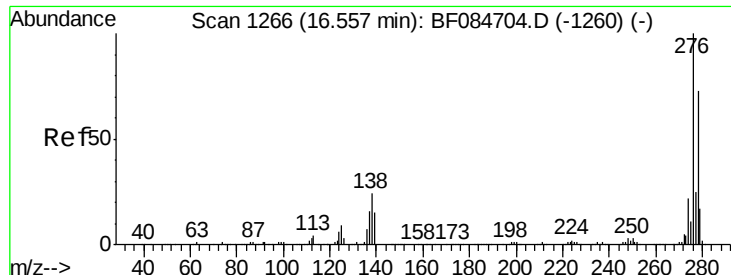


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.05 ng

RT: 16.45 min Scan# 1257

Delta R.T. -0.05 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

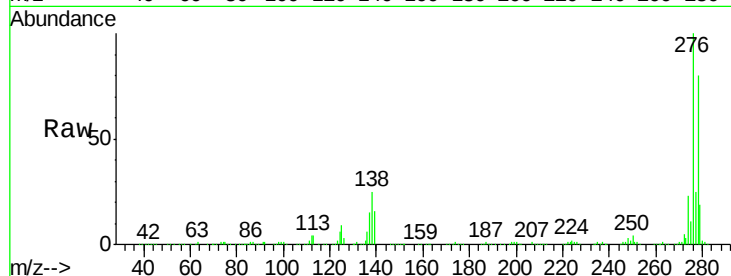
Tgt Ion:276 Resp: 870665

Ion Ratio Lower Upper

276 100

138 24.7 20.6 30.8

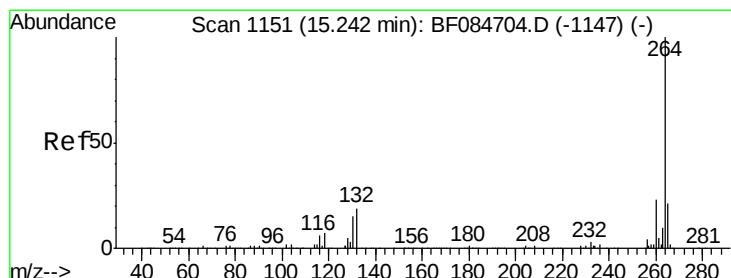
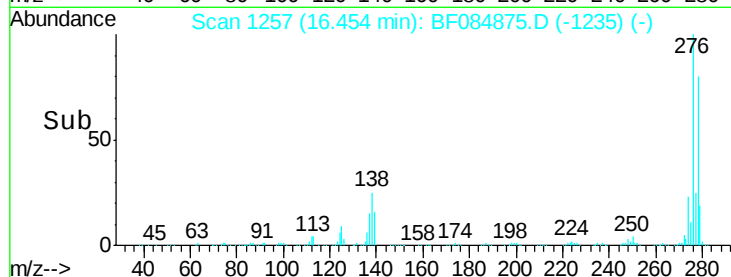
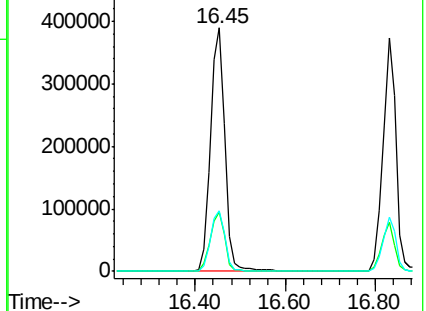
277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

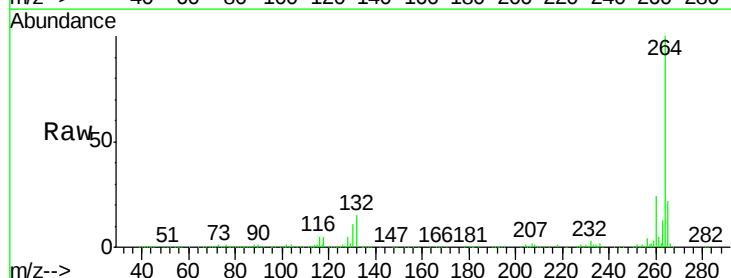
Tgt Ion:264 Resp: 332815

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

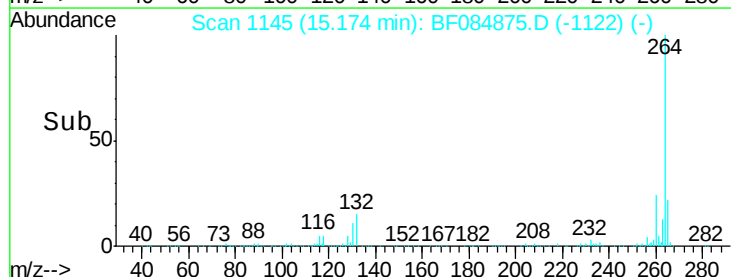
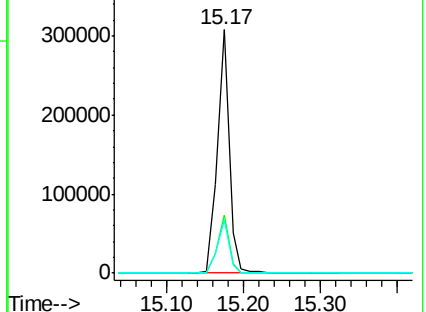
265 21.6 17.8 26.6

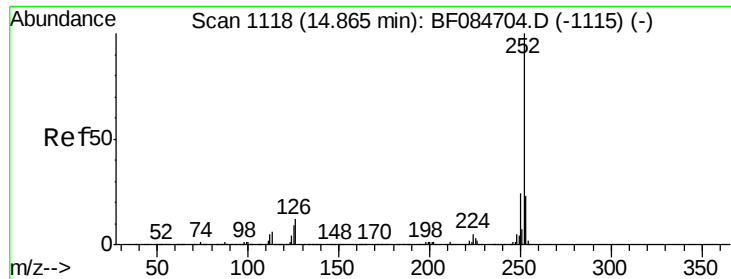


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

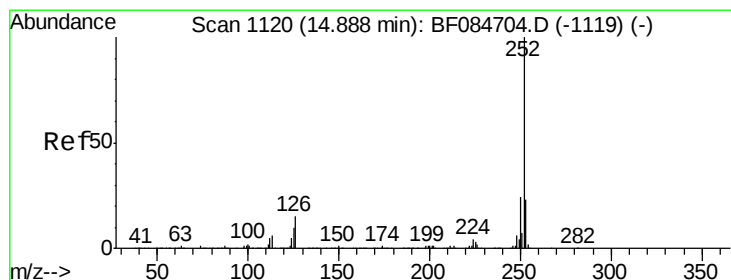
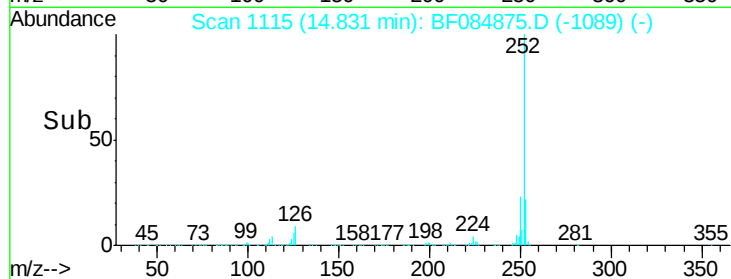
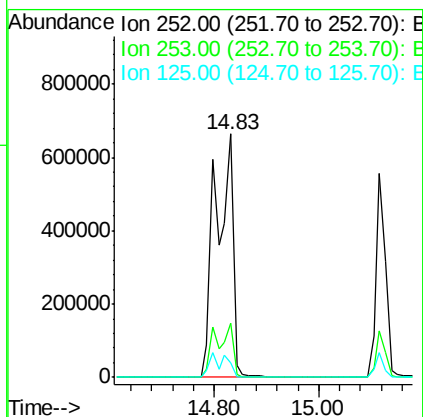
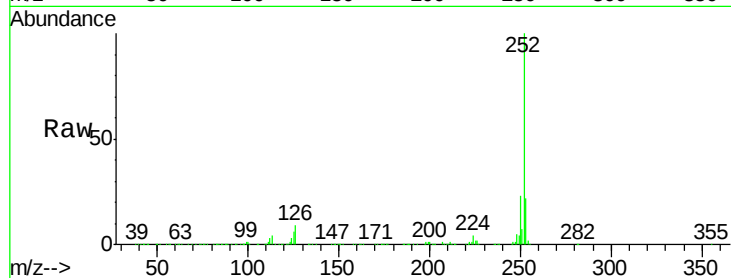




#87
Benzo(b)fluoranthene
Concen: 67.52 ng
RT: 14.83 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

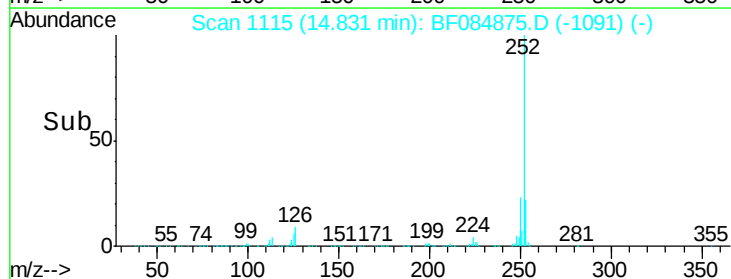
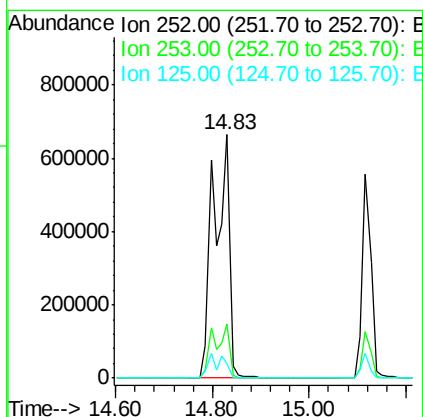
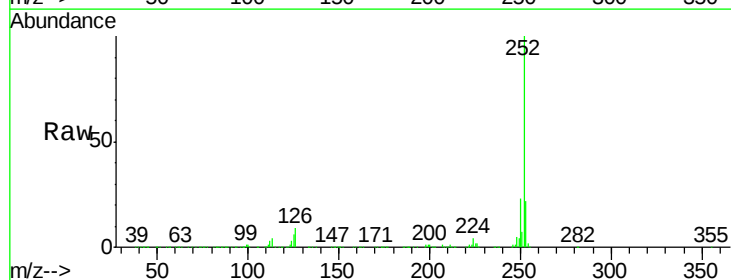
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 1509772
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 6.2 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 81.70 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084875.D
Acq: 5 Feb 2016 22:24

Tgt Ion:252 Resp: 1510525
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 6.2 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 37.00 ng

RT: 15.12 min Scan# 1140

Delta R.T. -0.03 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

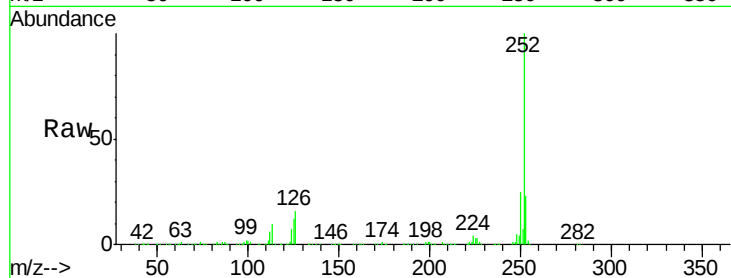
Tgt Ion:252 Resp: 705029

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

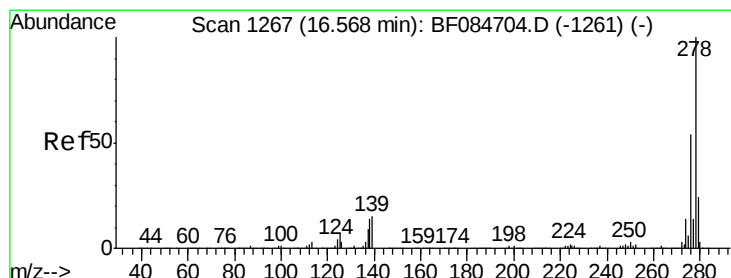
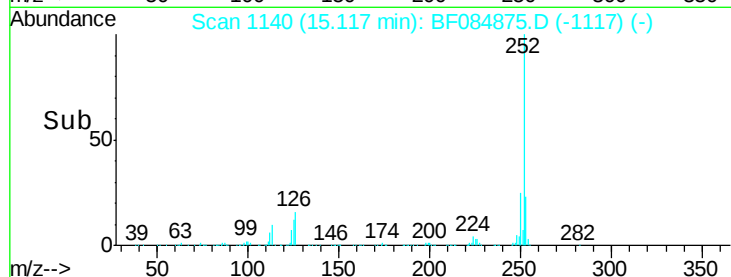
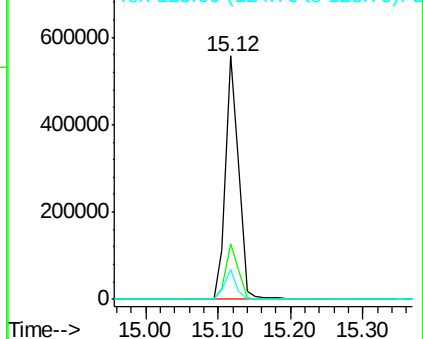
125 12.4 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.55 ng

RT: 16.47 min Scan# 1258

Delta R.T. -0.05 min

Lab File: BF084875.D

Acq: 5 Feb 2016 22:24

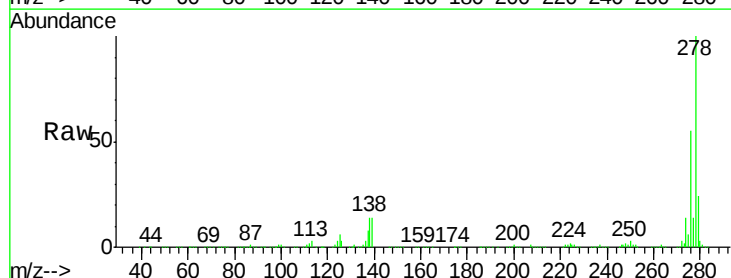
Tgt Ion:278 Resp: 714618

Ion Ratio Lower Upper

278 100

139 14.5 15.0 22.4#

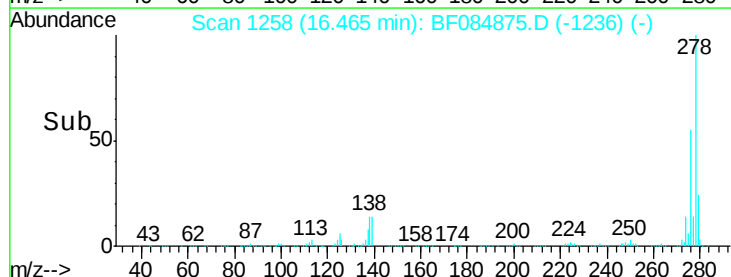
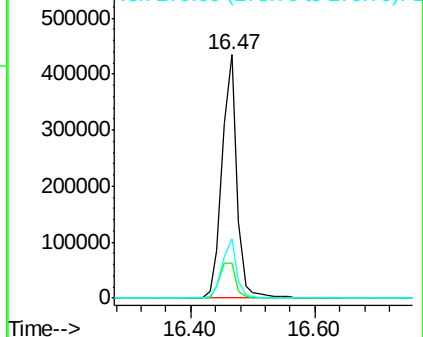
279 24.1 18.9 28.3

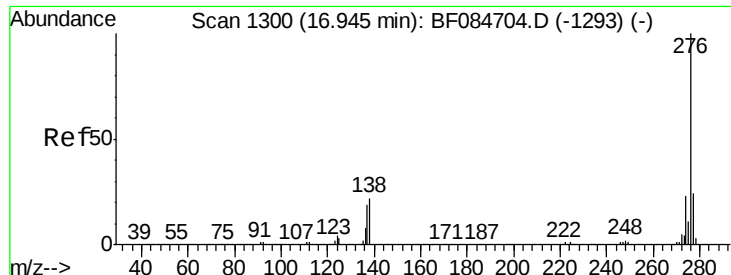


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.76 ng

RT: 16.83 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF084875.D

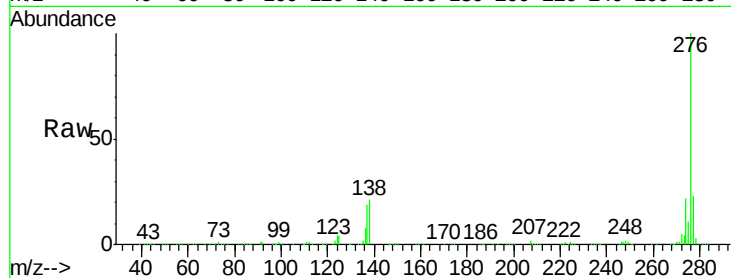
Acq: 5 Feb 2016 22:24

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:	276	Resp:	755528
Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	20.9	17.8	26.6

