

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080865.D
 Acq On : 5 Aug 2015 6:04
 Operator : TP/UM
 Sample : G3150-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

Quant Time: Aug 05 06:33:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	67508	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	251158	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	109424	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	168636	20.00	ng	0.00
75) Chrysene-d12	13.96	240	95970	20.00	ng	0.00
86) Perylene-d12	15.37	264	78433	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	548056	122.87	ng	0.01
7) Phenol-d6	6.46	99	728484	124.93	ng	0.01
23) Nitrobenzene-d5	7.39	82	471062	88.39	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	130915	124.06	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	676350	83.23	ng	0.00
78) Terphenyl-d14	12.92	244	505490	95.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	80712	36.91	ng	99
3) Pyridine	3.24	79	213308	35.39	ng	100
4) n-Nitrosodimethylamine	3.20	42	131867	42.66	ng	100
6) Aniline	6.49	93	220455	25.98	ng	96
8) 2-Chlorophenol	6.61	128	221467	44.32	ng	91
9) Benzaldehyde	6.37	77	46720	11.48	ng	95
10) Phenol	6.48	94	304683	43.92	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	224559	43.34	ng	93
12) 1,3-Dichlorobenzene	6.76	146	208589	38.95	ng	100
13) 1,4-Dichlorobenzene	6.84	146	208362	38.77	ng	99
14) 1,2-Dichlorobenzene	7.00	146	197390	38.93	ng	98
15) Benzyl Alcohol	6.97	79	177510	46.61	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	448916	44.77	ng	99
17) 2-Methylphenol	7.08	107	180010	41.13	ng	97
18) Hexachloroethane	7.33	117	84524	41.38	ng	# 79
19) n-Nitroso-di-n-propylamine	7.24	70	158846	42.17	ng	98
20) 3+4-Methylphenols	7.24	107	212946	41.96	ng	# 79
22) Acetophenone	7.24	105	298465	48.66	ng	# 92
24) Nitrobenzene	7.41	77	258767	46.82	ng	99
25) Isophorone	7.65	82	443705	46.99	ng	99
26) 2-Nitrophenol	7.72	139	99989	44.10	ng	99
27) 2,4-Dimethylphenol	7.77	122	201828	47.81	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	249177	42.91	ng	100
29) 2,4-Dichlorophenol	7.96	162	157260	45.12	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	178438	44.99	ng	99
31) Naphthalene	8.13	128	628649	45.95	ng	100
32) Benzoic acid	7.87	122	77124	28.11	ng	99
33) 4-Chloroaniline	8.18	127	88013	16.45	ng	94
34) Hexachlorobutadiene	8.25	225	98257	43.46	ng	99
35) Caprolactam	8.54	113	45616	45.83	ng	98
36) 4-Chloro-3-methylphenol	8.66	107	177124	46.32	ng	94
37) 2-Methylnaphthalene	8.82	142	368179	44.91	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	154681	41.42	ng	97
40) Hexachlorocyclopentadiene	8.98	237	201966	90.06	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080865.D
 Acq On : 5 Aug 2015 6:04
 Operator : TP/UM
 Sample : G3150-02MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

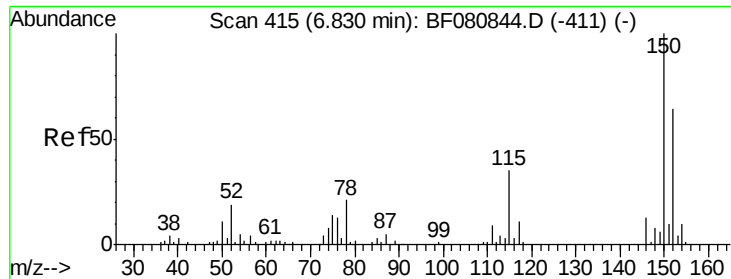
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

Quant Time: Aug 05 06:33:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.09	196	104207	41.17	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	107297	42.27	nq #	86
45) 1,1'-Biphenyl	9.29	154	449122	44.52	nq	98
46) 2-Chloronaphthalene	9.31	162	333621	42.52	nq	99
47) 2-Nitroaniline	9.40	65	132201	46.29	nq	93
48) Acenaphthylene	9.72	152	551159	42.69	nq	100
49) Dimethylphthalate	9.58	163	419891	52.62	nq	100
50) 2,6-Dinitrotoluene	9.64	165	69506	41.65	nq	86
51) Acenaphthene	9.89	154	364324	46.95	nq	99
52) 3-Nitroaniline	9.81	138	55706	27.02	nq	99
53) 2,4-Dinitrophenol	9.92	184	78110	68.29	nq #	57
54) Dibenzofuran	10.06	168	457660	44.22	nq	97
55) 4-Nitrophenol	9.97	139	126783	87.42	nq	99
56) 2,4-Dinitrotoluene	10.04	165	90823	43.10	nq #	85
57) Fluorene	10.41	166	345510	43.71	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	76833	42.18	nq #	96
59) Diethylphthalate	10.28	149	336212	42.55	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	138403	42.80	nq	98
61) 4-Nitroaniline	10.42	138	62828	34.15	nq	90
62) Azobenzene	10.56	77	406423	43.98	nq	98
64) 4,6-Dinitro-2-methylphenol	10.45	198	51440	47.42	nq	77
65) n-Nitrosodiphenylamine	10.52	169	292379	45.25	nq	97
66) 4-Bromophenyl-phenylether	10.89	248	87934	47.11	nq	93
67) Hexachlorobenzene	10.96	284	93554	45.89	nq #	59
68) Atrazine	11.05	200	83313	49.54	nq	97
69) Pentachlorophenol	11.14	266	94699	85.25	nq	98
70) Phenanthrene	11.37	178	425999	43.72	nq	99
71) Anthracene	11.41	178	427953	45.20	nq	100
72) Carbazole	11.56	167	370402	41.48	nq	100
73) Di-n-butylphthalate	11.90	149	506000	47.85	nq	100
74) Fluoranthene	12.55	202	399084	42.05	nq	98
76) Benzidine	12.67	184	87599	18.86	nq	99
77) Pyrene	12.77	202	430660	50.02	nq	99
79) Butylbenzylphthalate	13.39	149	182865	51.94	nq	98
80) Benzo(a)anthracene	13.95	228	285416	44.46	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	68597	28.76	nq	98
82) Chrysene	14.00	228	279159	42.67	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	238738	50.78	nq	100
84) Di-n-octyl phthalate	14.57	149	401226	50.77	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	246417	45.88	nq	99
87) Benzo(b)fluoranthene	15.00	252	488781	83.31	nq #	96
88) Benzo(k)fluoranthene	15.00	252	488781	108.23	nq	98
89) Benzo(a)pyrene	15.31	252	224597	46.90	nq	99
90) Dibenzo(a,h)anthracene	16.75	278	205217	49.33	nq	98
91) Benzo(g,h,i)perylene	17.14	276	213295	53.04	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

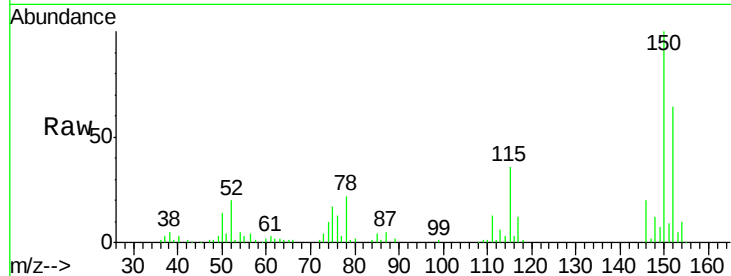
Tot Ion:152 Resp: 67508

Ion Ratio Lower Upper

152 100

150 156.5 124.6 187.0

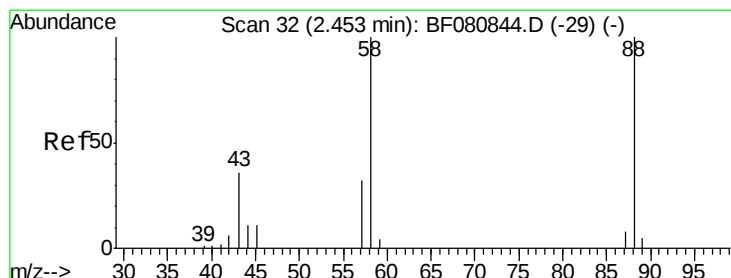
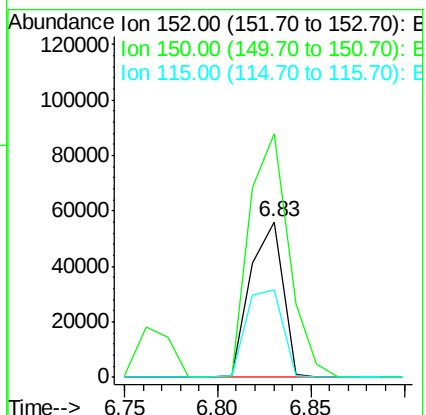
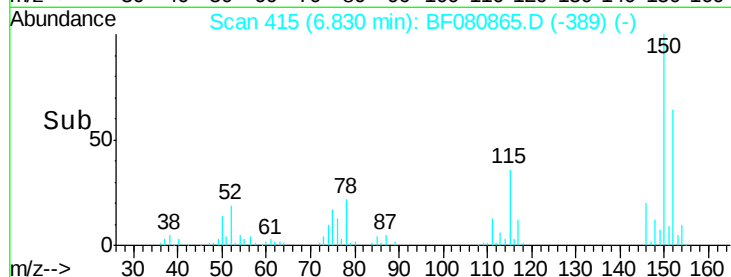
115 55.8 44.2 66.4



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: 36.91 ng

RT: 2.54 min Scan# 40

Delta R.T. 0.09 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

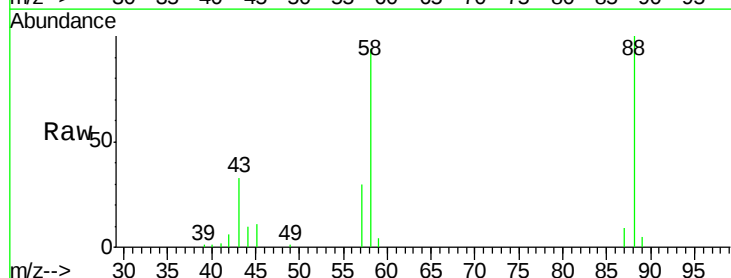
Tgt Ion: 88 Resp: 80712

Ion Ratio Lower Upper

88 100

58 97.4 79.2 118.8

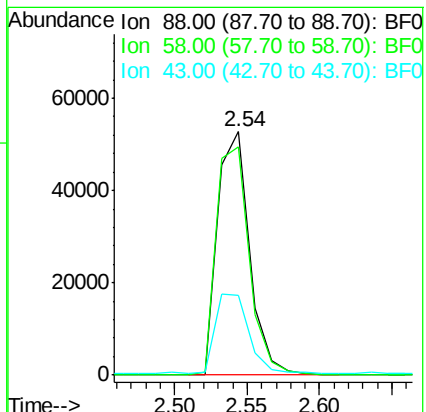
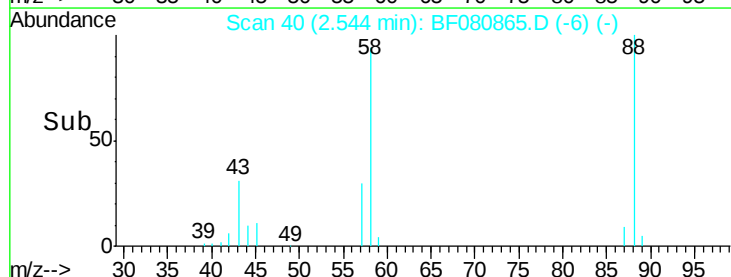
43 34.4 28.1 42.1

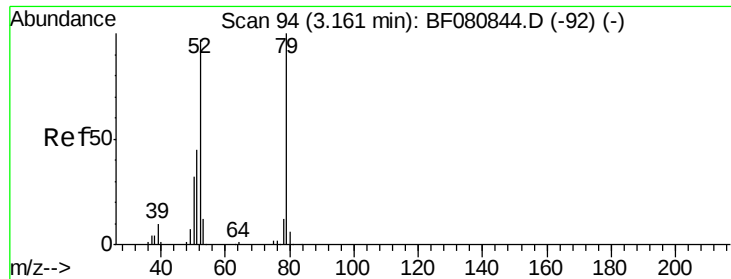


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.39 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

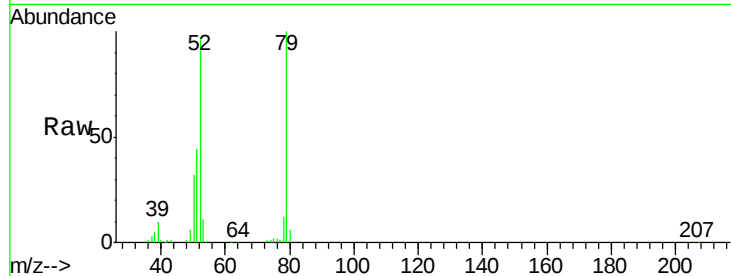
Tot Ion: 79 Resp: 213308

Ion Ratio Lower Upper

79 100

52 97.3 77.7 116.5

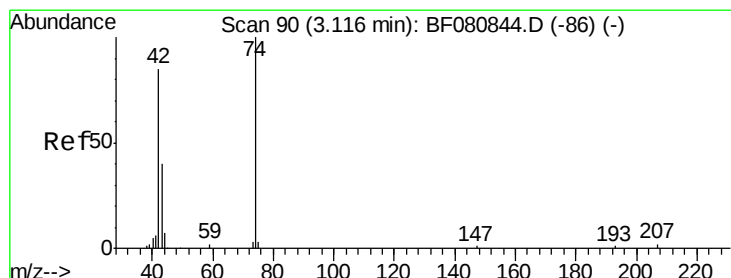
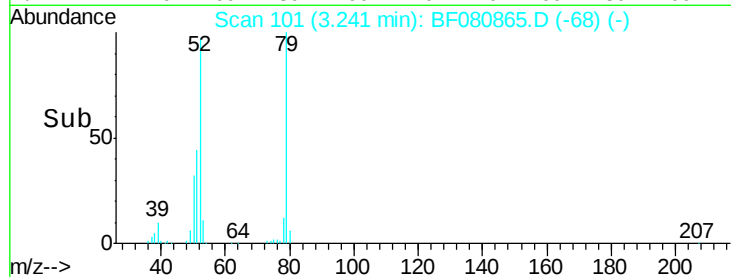
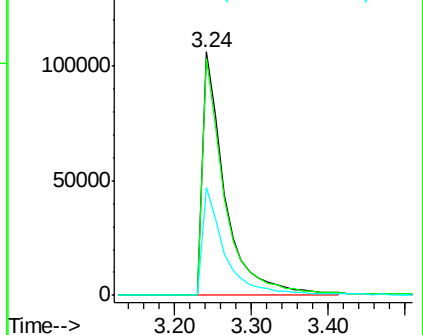
51 44.5 36.1 54.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 42.66 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.08 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

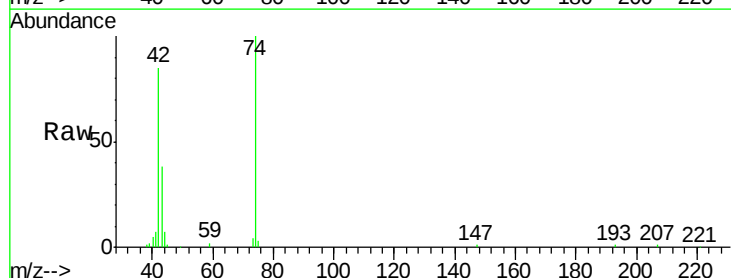
Tgt Ion: 42 Resp: 131867

Ion Ratio Lower Upper

42 100

74 118.0 94.3 141.5

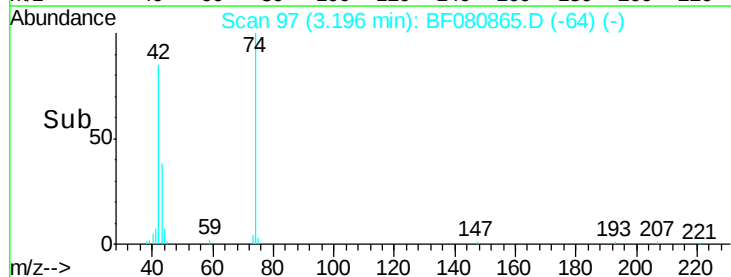
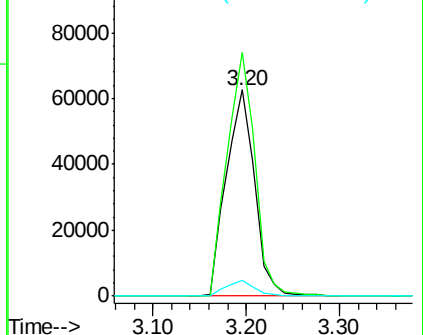
44 8.0 6.2 9.2

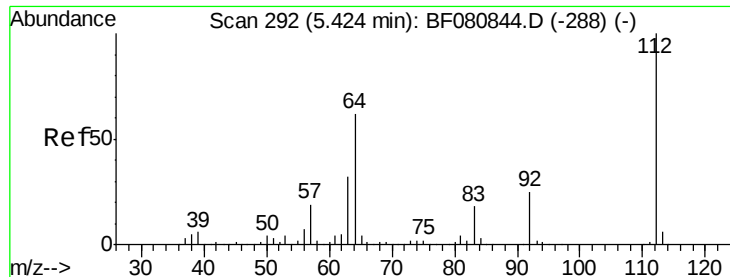


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 122.87 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

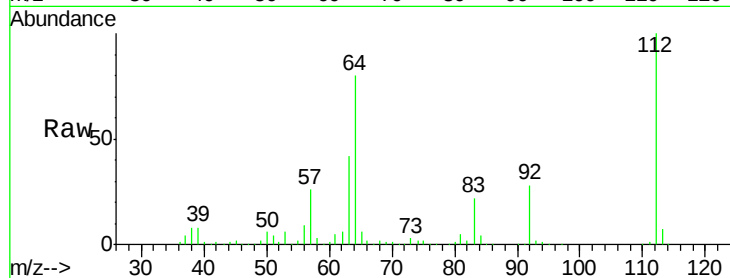
Tot Ion:112 Resp: 548056

Ion Ratio Lower Upper

112 100

64 79.9 49.5 74.3#

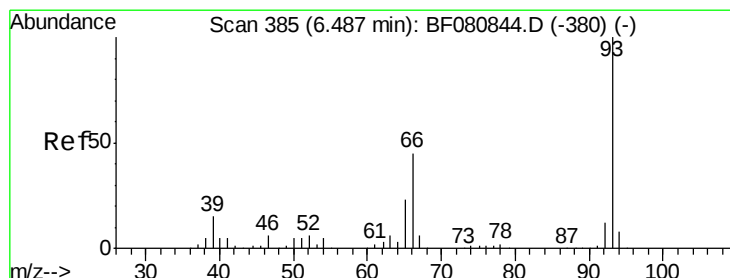
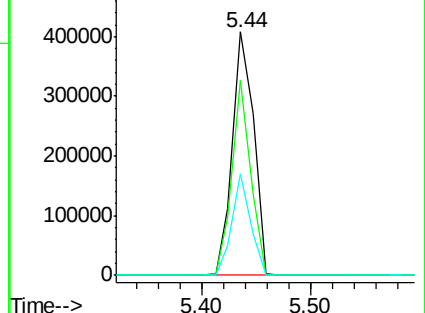
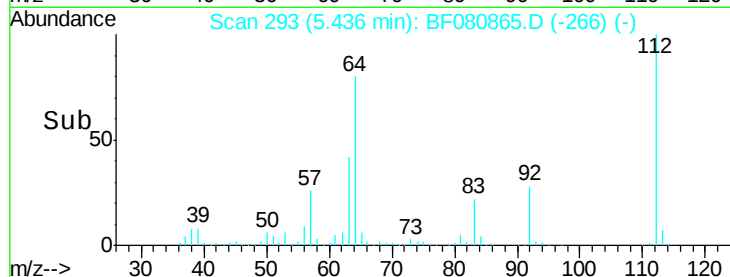
63 41.6 25.3 37.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.98 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

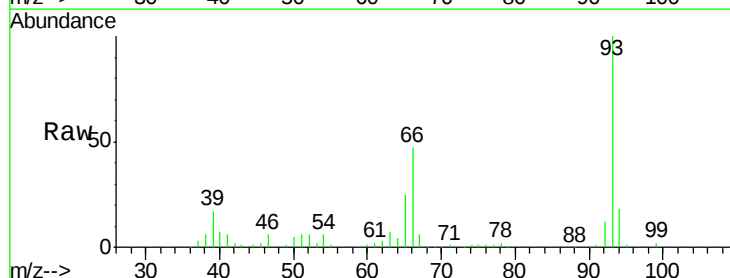
Tgt Ion: 93 Resp: 220455

Ion Ratio Lower Upper

93 100

66 47.3 35.8 53.6

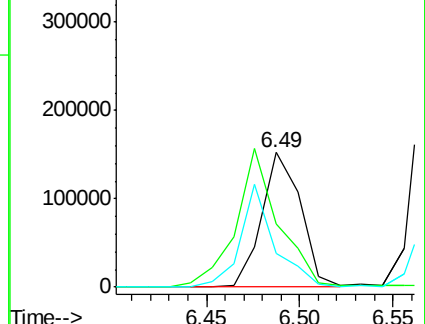
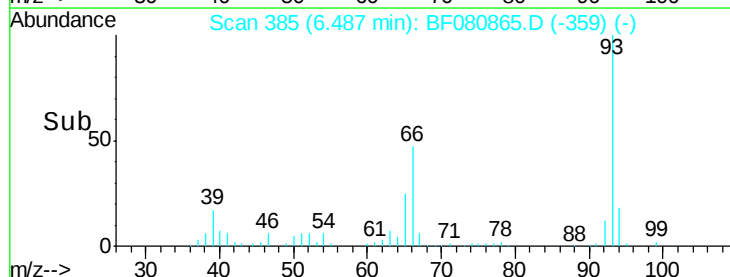
65 24.6 18.2 27.2

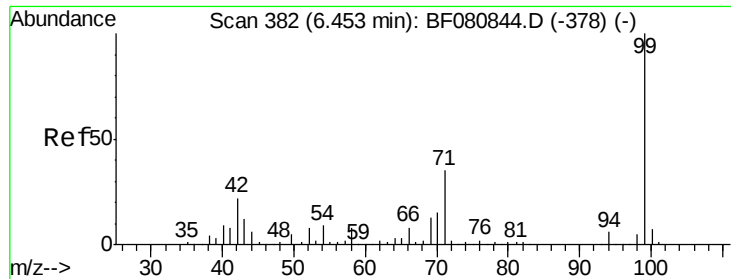


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.93 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

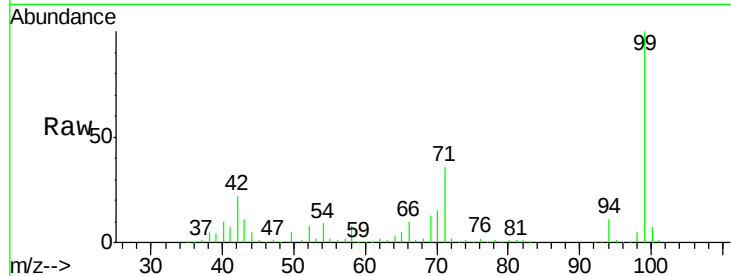
Tot Ion: 99 Resp: 728484

Ion Ratio Lower Upper

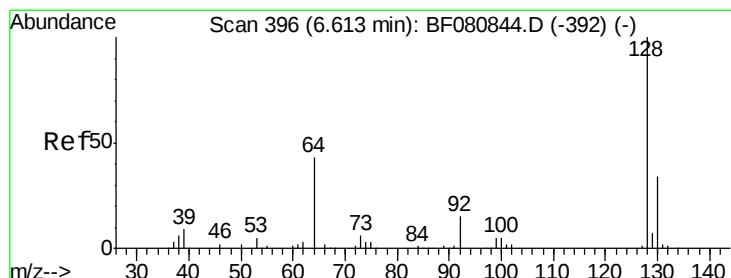
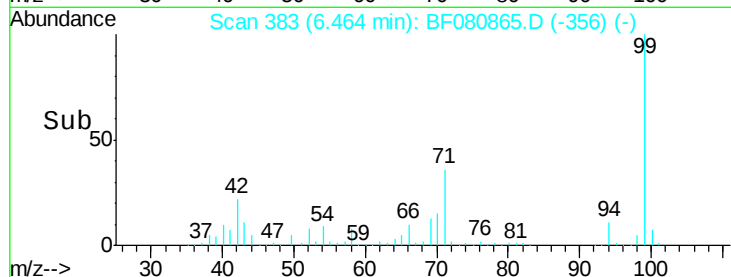
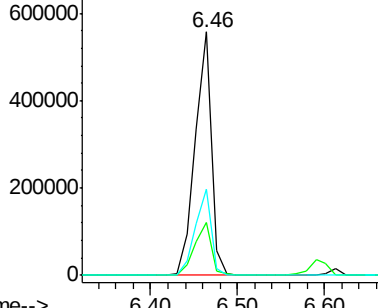
99 100

42 21.5 17.9 26.9

71 35.6 28.2 42.4



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: 44.32 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

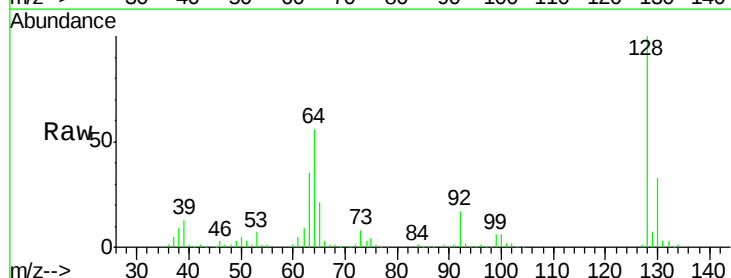
Tgt Ion: 128 Resp: 221467

Ion Ratio Lower Upper

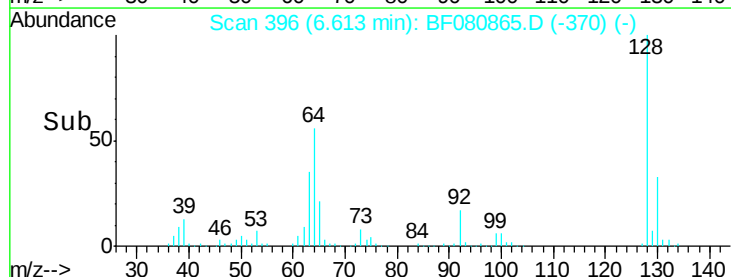
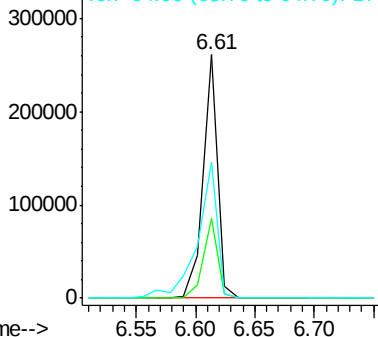
128 100

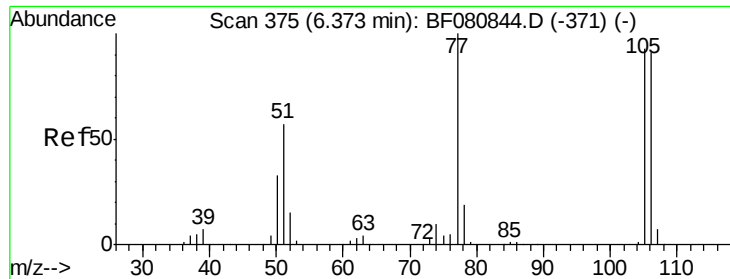
130 32.6 13.9 53.9

64 55.9 26.2 66.2



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





#9

Benzaldehyde

Concen: 11.48 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

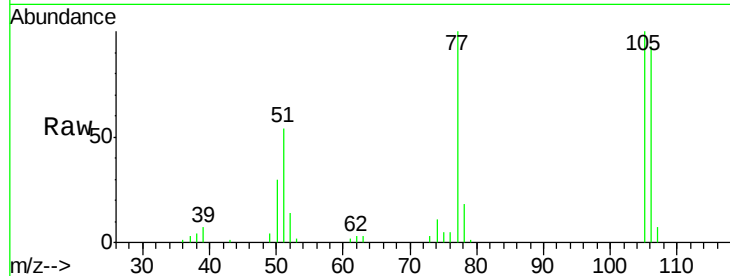
Tot Ion: 77 Resp: 46720

Ion Ratio Lower Upper

77 100

105 99.7 73.5 113.5

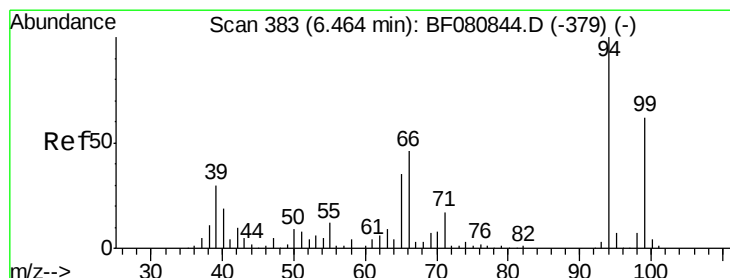
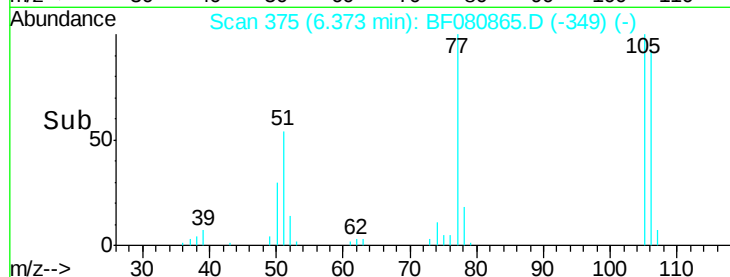
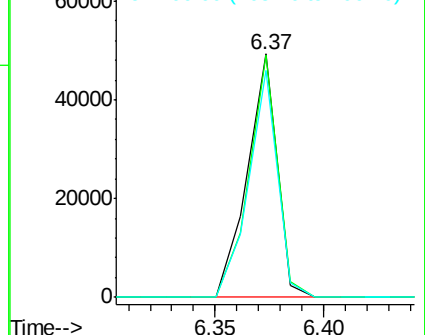
106 93.3 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.92 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

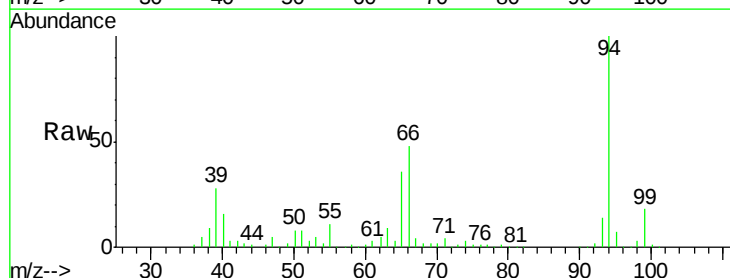
Tgt Ion: 94 Resp: 304683

Ion Ratio Lower Upper

94 100

65 35.6 15.2 55.2

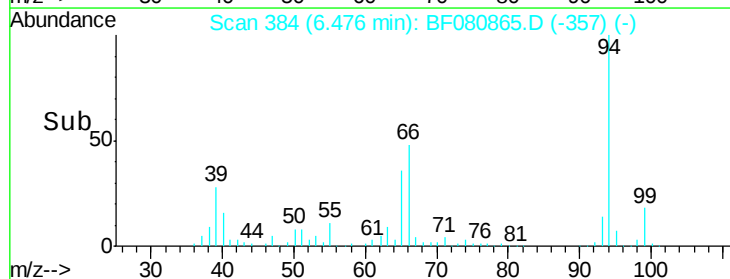
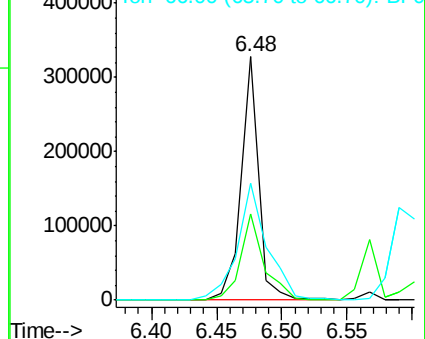
66 48.0 25.9 65.9

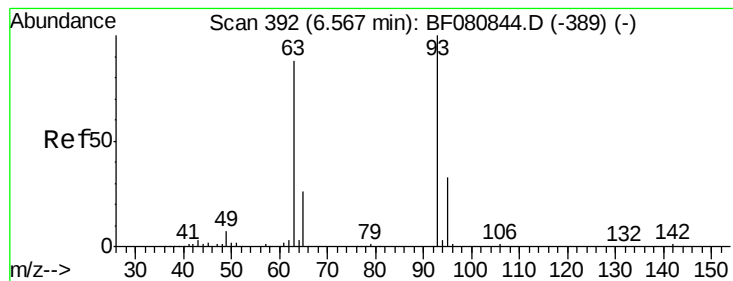


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.34 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

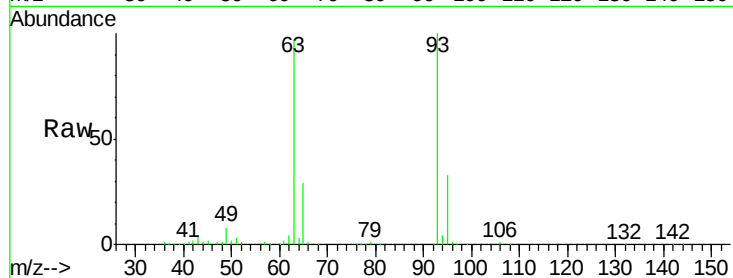
Tot Ion: 93 Resp: 224559

Ion Ratio Lower Upper

93 100

63 96.8 67.6 107.6

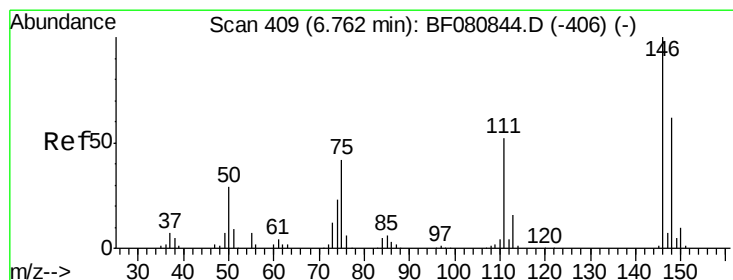
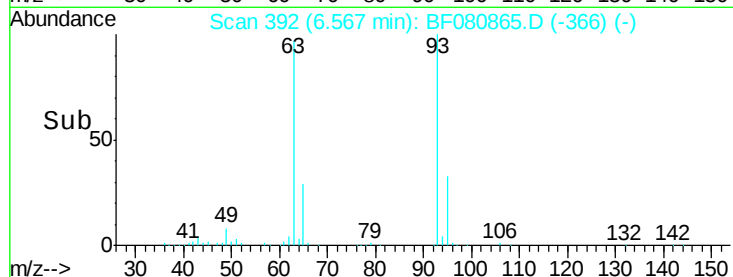
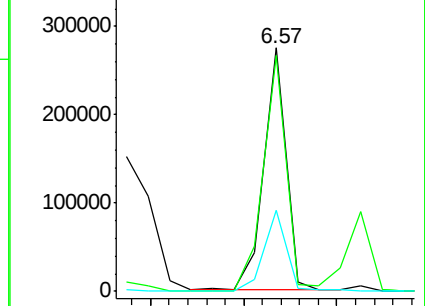
95 33.2 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.95 ng

RT: 6.76 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

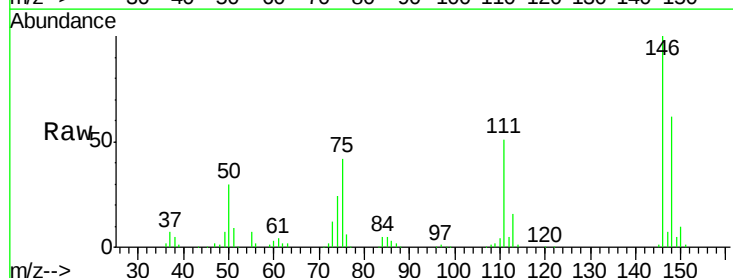
Tgt Ion: 146 Resp: 208589

Ion Ratio Lower Upper

146 100

148 61.7 49.7 74.5

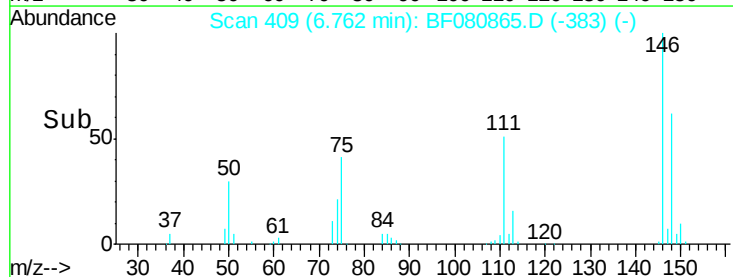
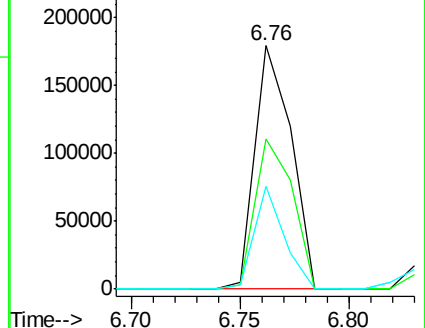
75 42.0 33.5 50.3

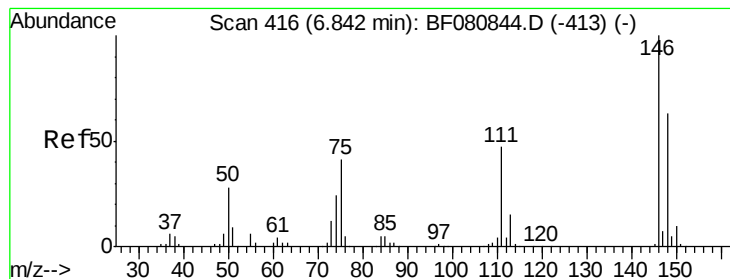


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 38.77 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

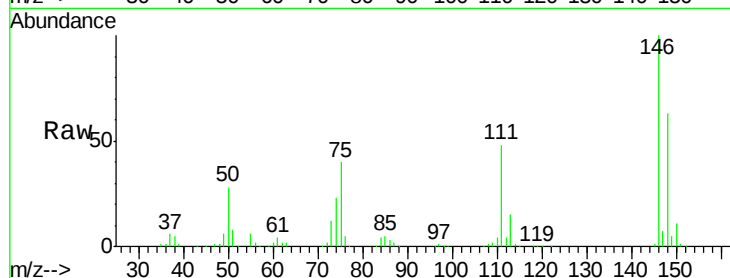
Tot Ion:146 Resp: 208362

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

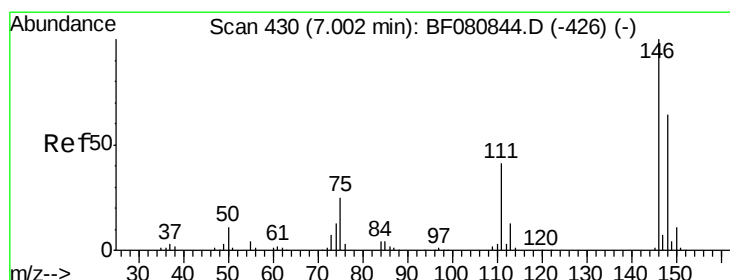
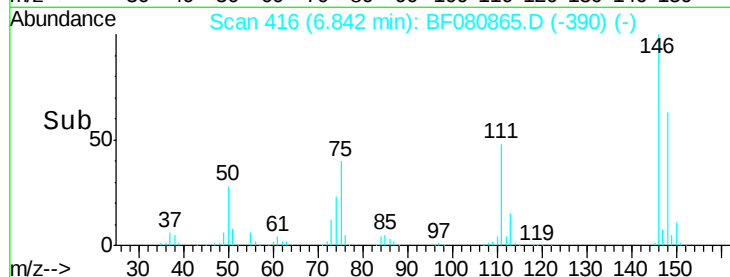
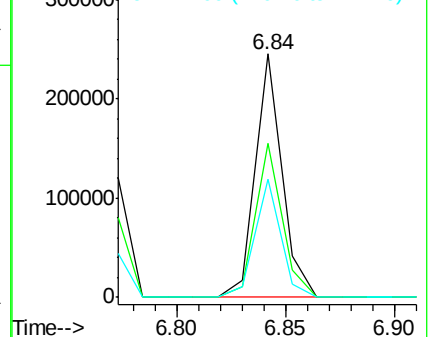
111 48.4 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.93 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

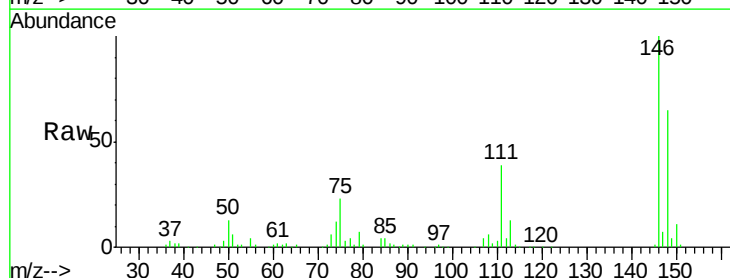
Tgt Ion:146 Resp: 197390

Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

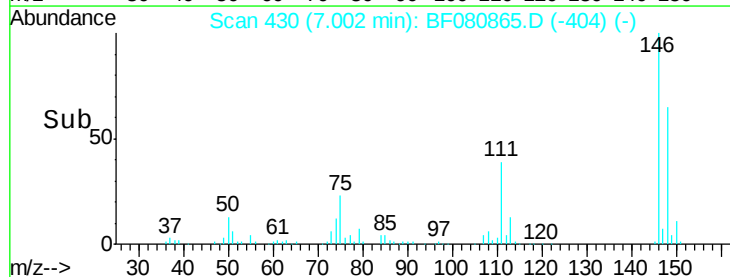
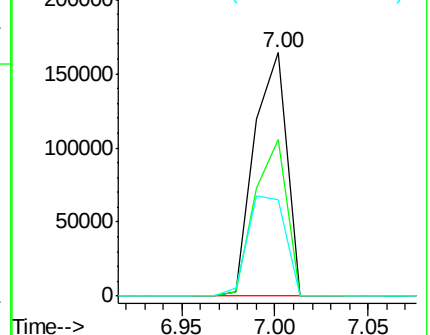
111 39.4 32.7 49.1

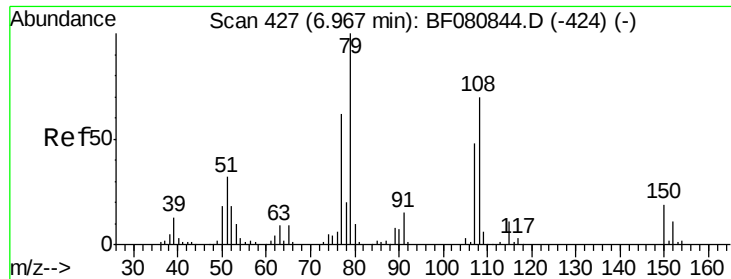


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.61 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

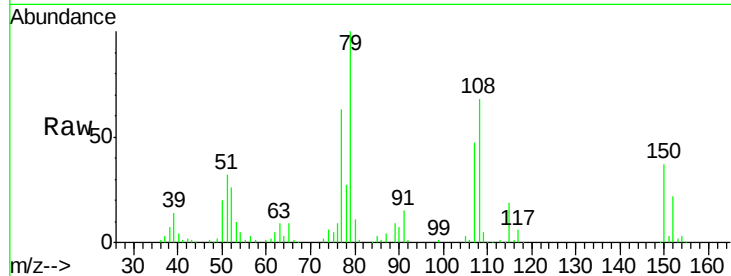
Tot Ion: 79 Resp: 177510

Ion Ratio Lower Upper

79 100

108 68.2 55.9 83.9

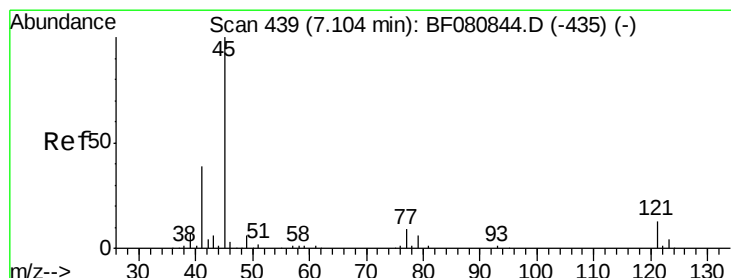
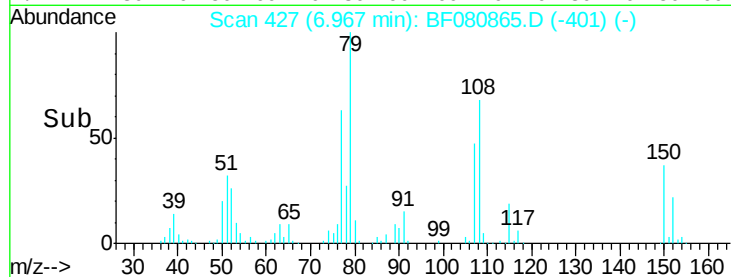
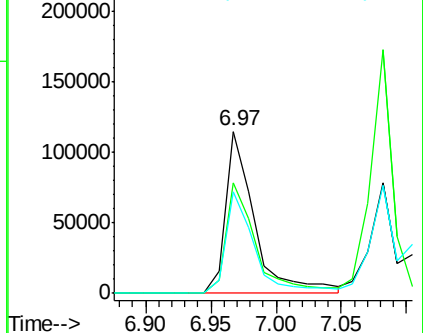
77 62.8 49.4 74.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.77 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

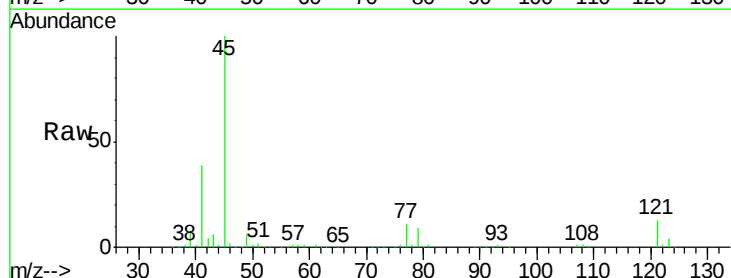
Tgt Ion: 45 Resp: 448916

Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.5

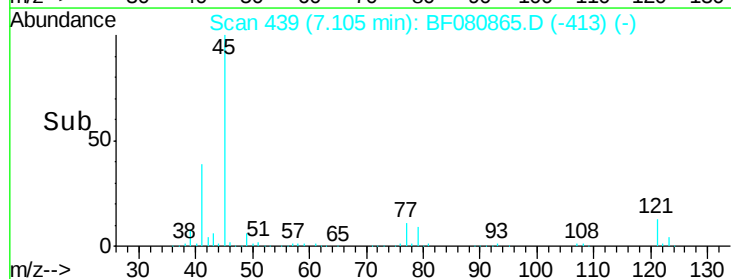
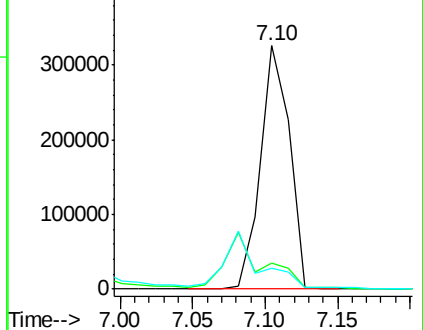
79 8.6 0.0 28.2

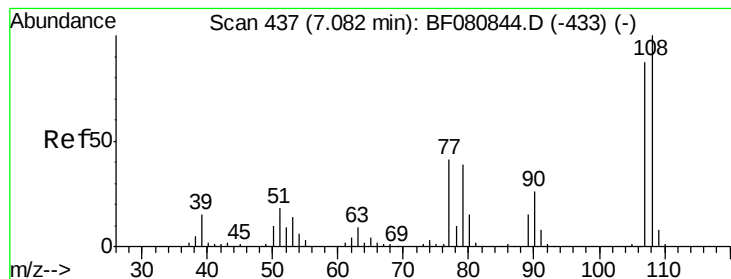


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.13 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

Tot Ion:107 Resp: 180010

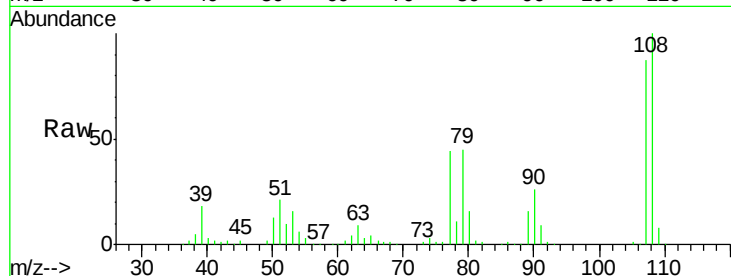
Ion Ratio Lower Upper

107 100

108 114.9 91.8 137.8

77 51.0 38.2 57.2

79 51.9 37.4 56.0

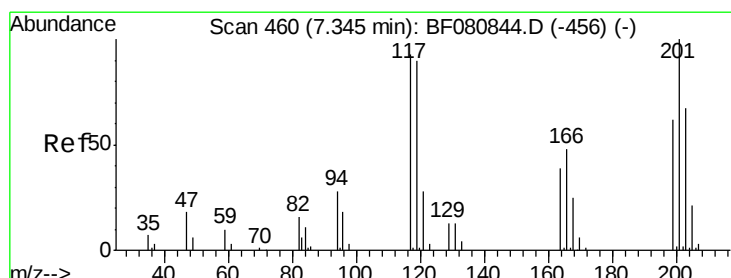
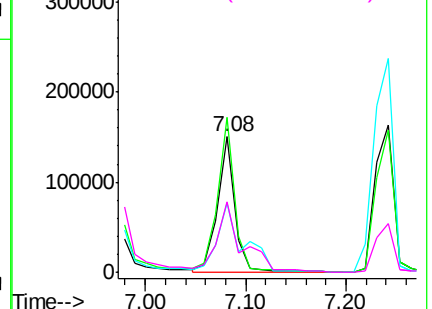
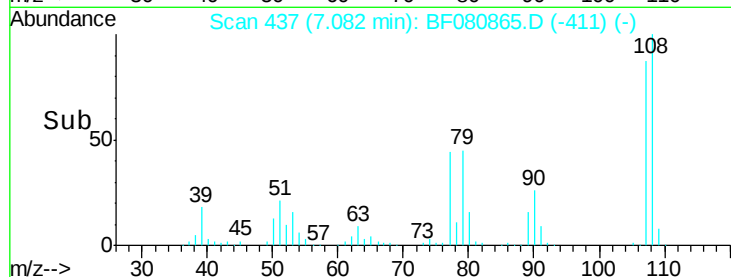


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.38 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

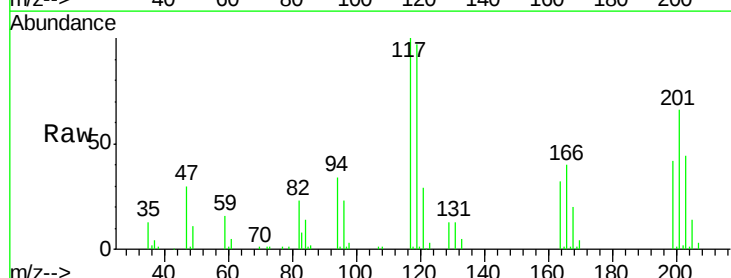
Tgt Ion:117 Resp: 84524

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.0

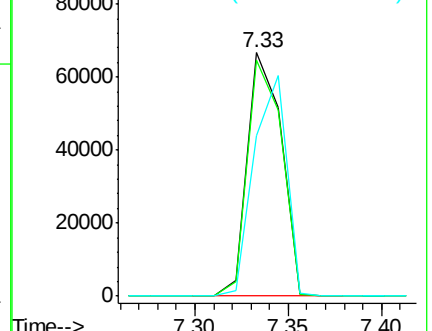
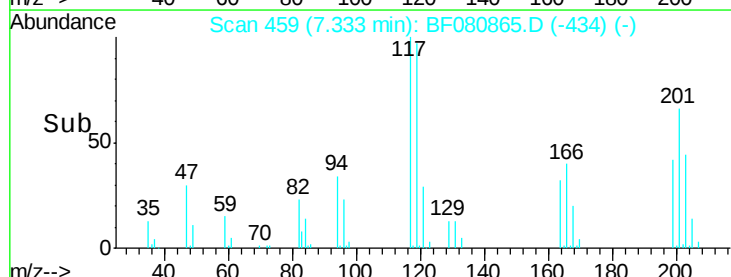
201 65.8 85.8 128.6#

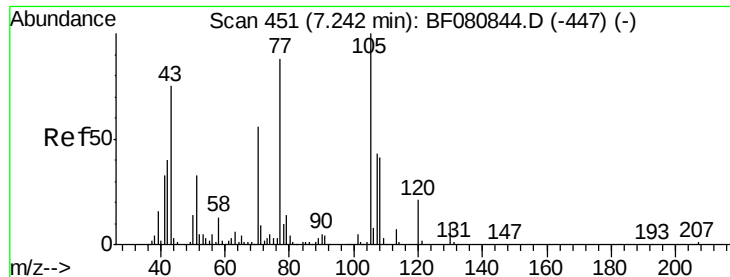


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

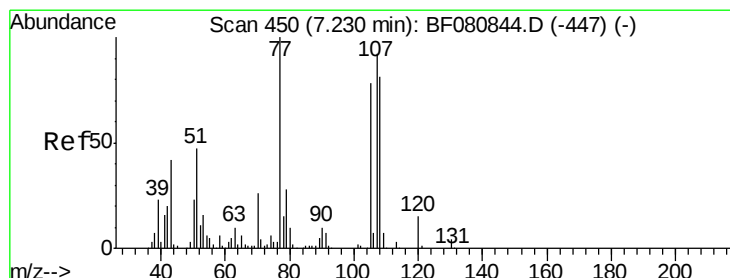
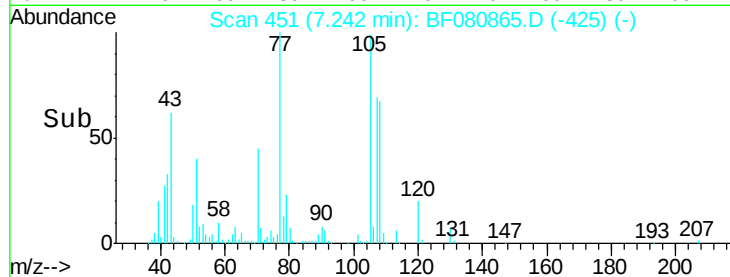
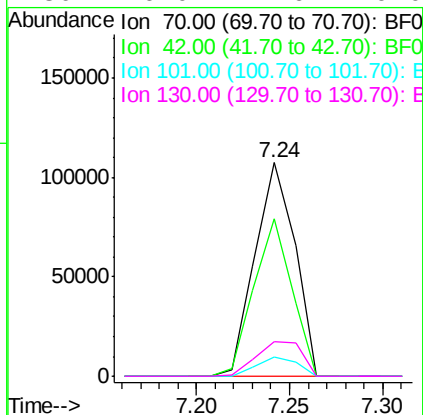
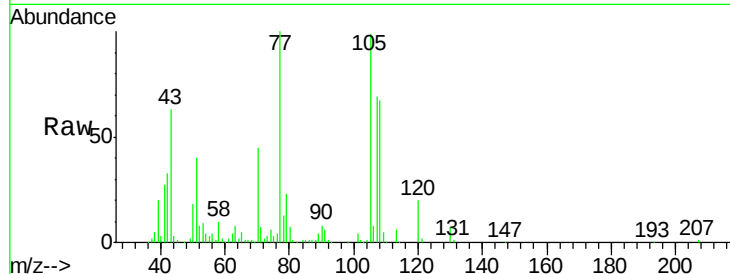




#19
n-Nitroso-di-n-propylamine
Concen: 42.17 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

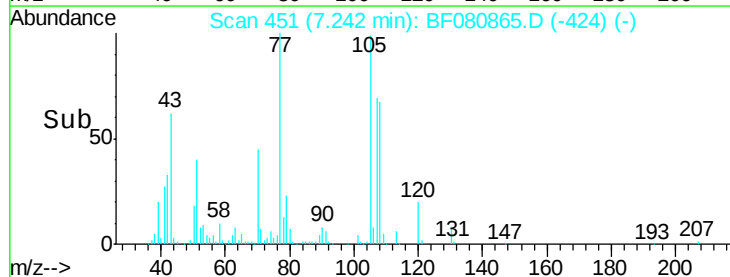
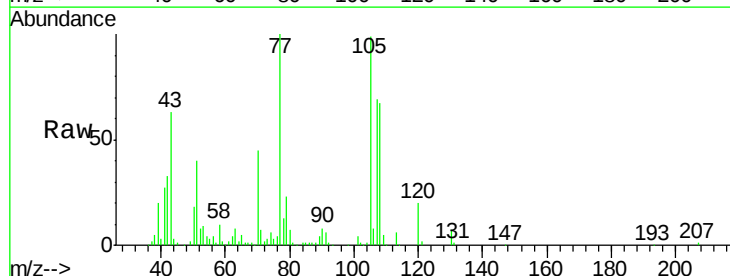
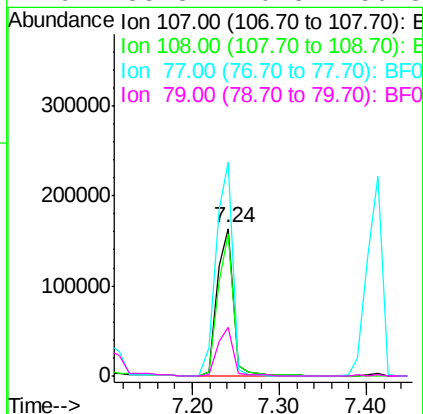
Instrument :
BNA_F
ClientSampleId :
TU021-SB-20-14MSD

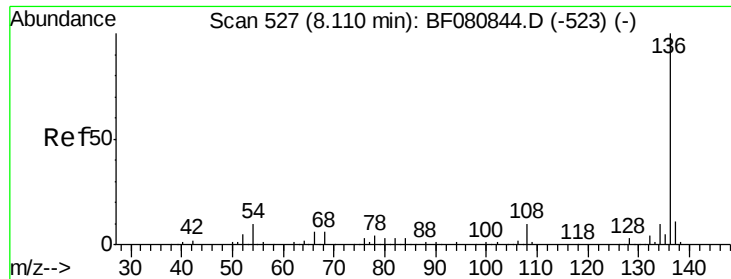
Tot Ion: 70 Resp: 158846
Ion Ratio Lower Upper
70 100
42 73.8 57.8 86.8
101 9.0 6.7 10.1
130 16.0 12.6 19.0



#20
3+4-Methylphenols
Concen: 41.96 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.01 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

Tgt Ion: 107 Resp: 212946
Ion Ratio Lower Upper
107 100
108 96.7 68.2 108.2
77 144.7 88.5 128.5#
79 33.3 10.3 50.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

Tot Ion:136 Resp: 251158

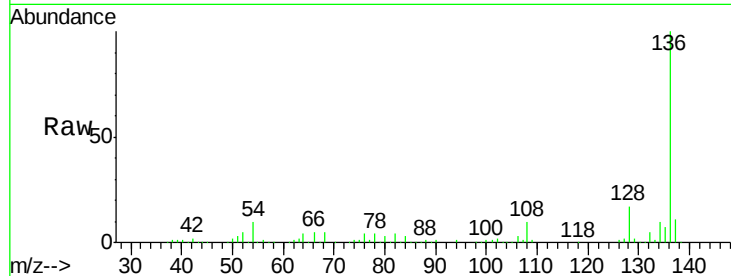
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 10.0 8.3 12.5

68 5.4 4.8 7.2

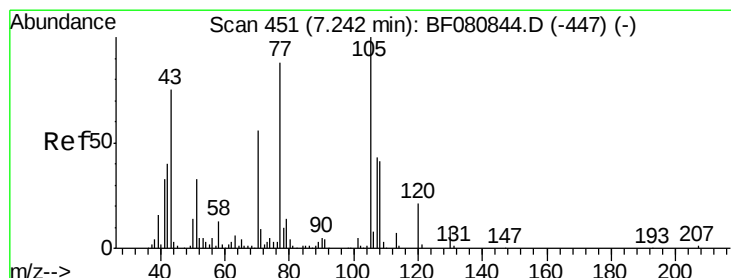
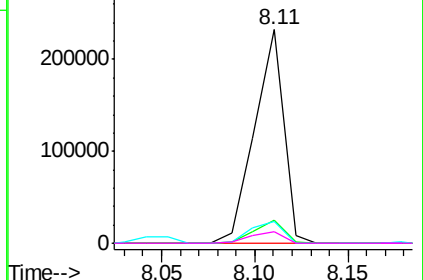
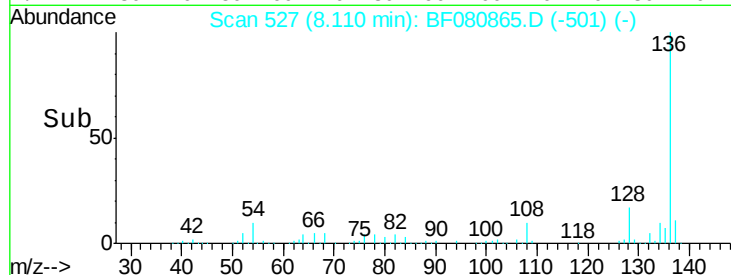


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.66 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Tgt Ion:105 Resp: 298465

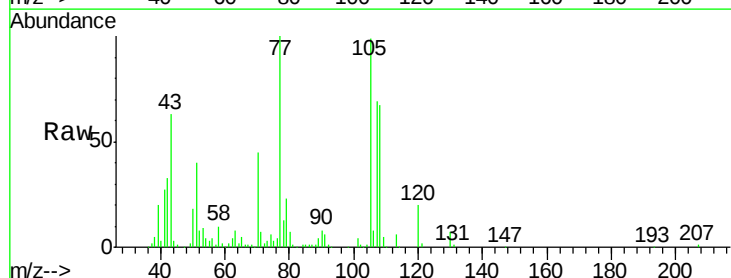
Ion Ratio Lower Upper

105 100

71 7.6 7.4 11.2

51 40.4 26.5 39.7#

120 20.2 17.0 25.4

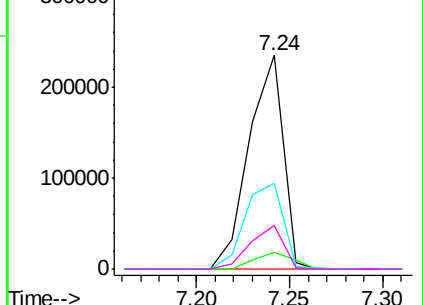
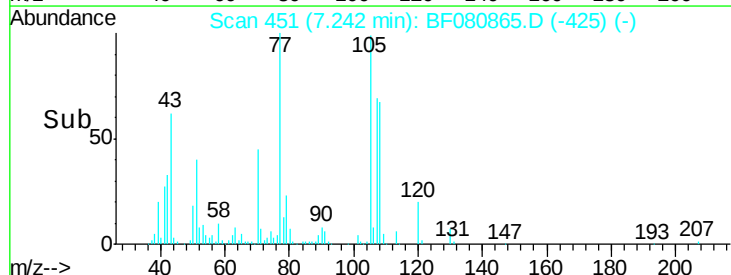


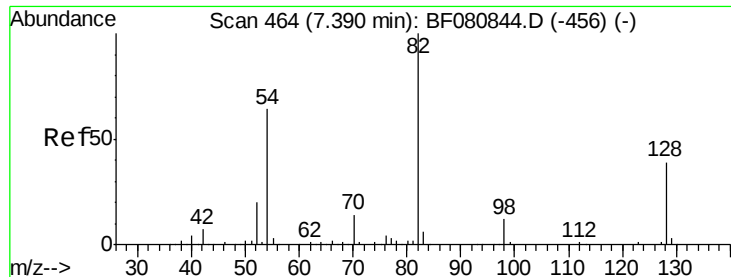
Abundance Ion 105.00 (104.70 to 105.70): E

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

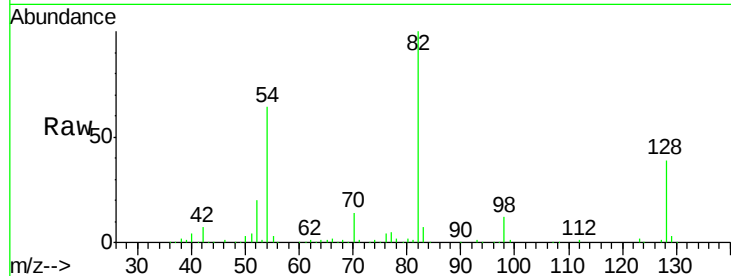




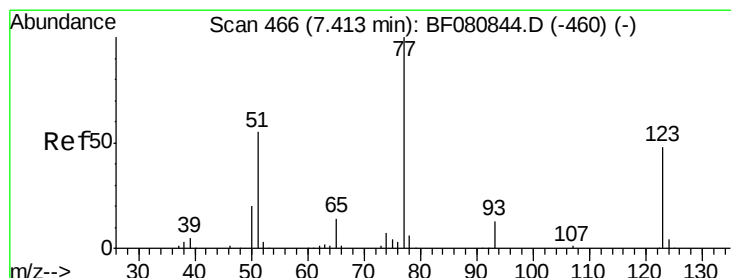
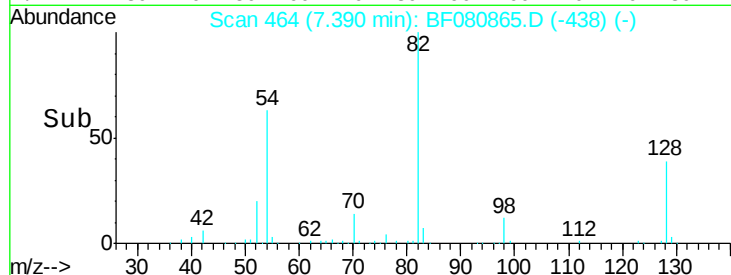
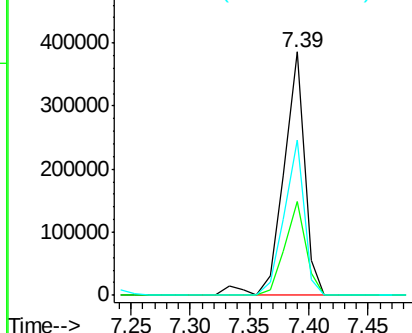
#23
 Nitrobenzene-d5
 Concen: 88.39 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

Tot Ion: 82 Resp: 471062
 Ion Ratio Lower Upper
 82 100
 128 38.6 31.0 46.4
 54 63.9 51.0 76.6

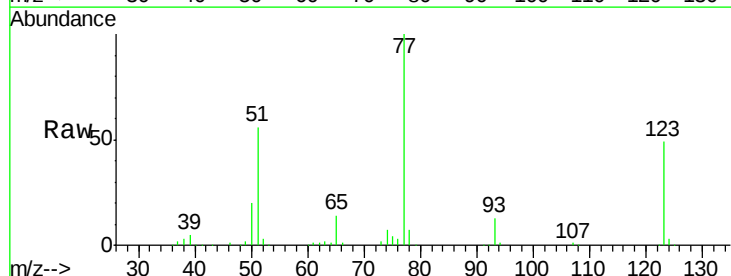


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

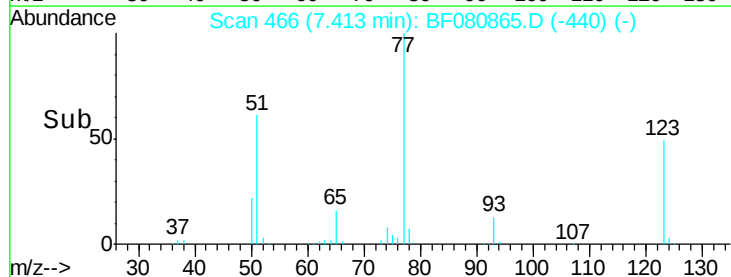
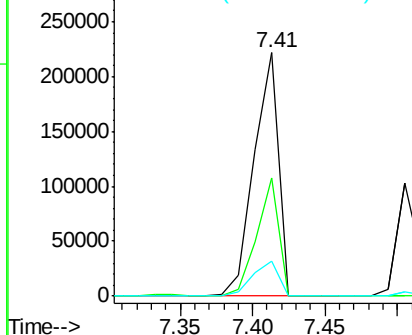


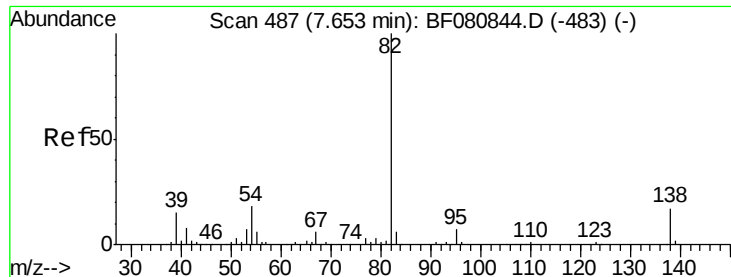
#24
 Nitrobenzene
 Concen: 46.82 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion: 77 Resp: 258767
 Ion Ratio Lower Upper
 77 100
 123 48.7 39.7 59.5
 65 14.4 11.0 16.6



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: 46.99 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

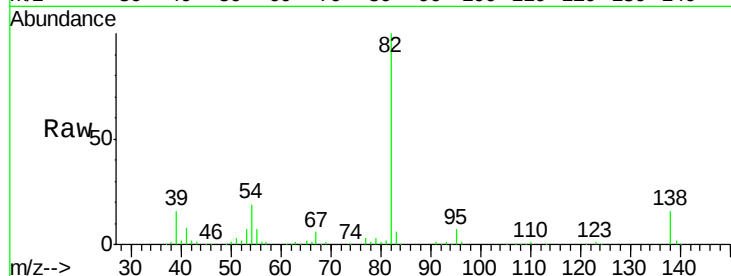
Tot Ion: 82 Resp: 443705

Ion Ratio Lower Upper

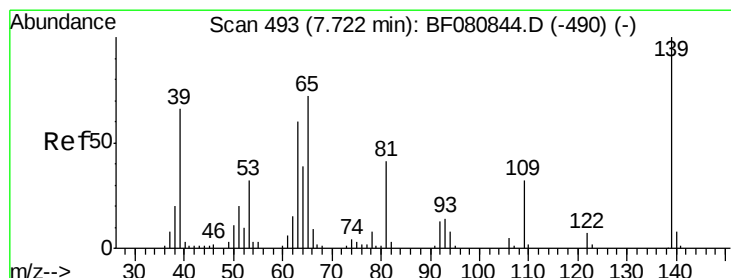
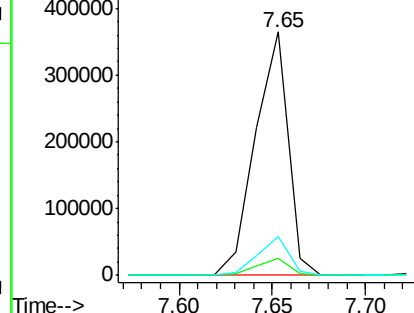
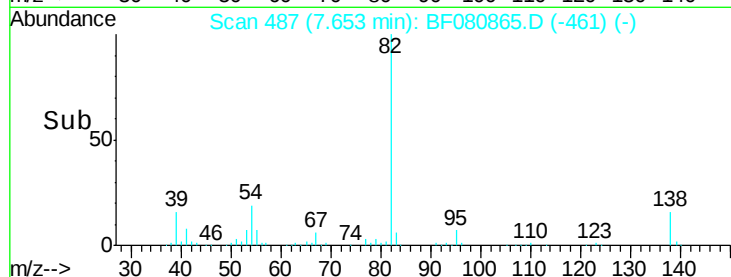
82 100

95 6.8 5.5 8.3

138 16.0 13.3 19.9



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: 44.10 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

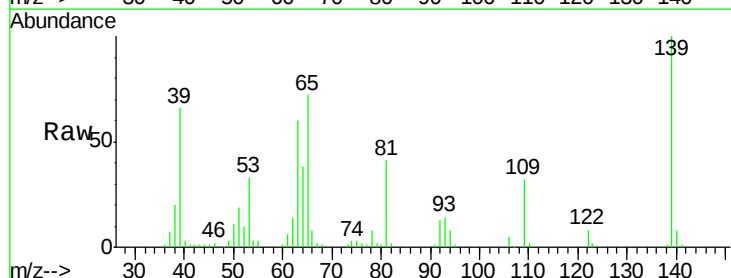
Tgt Ion: 139 Resp: 99989

Ion Ratio Lower Upper

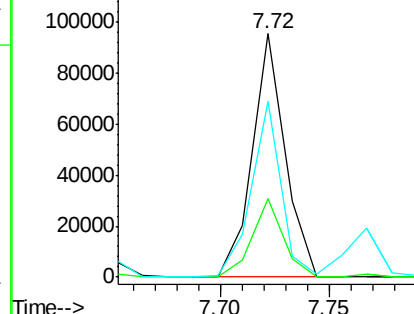
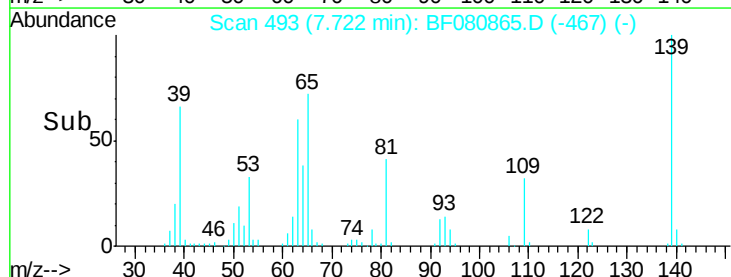
139 100

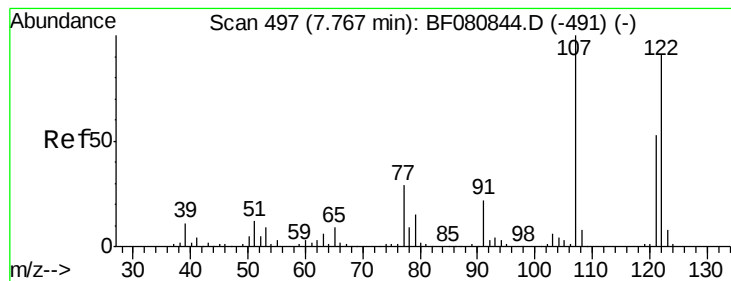
109 32.4 25.2 37.8

65 72.1 57.3 85.9



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

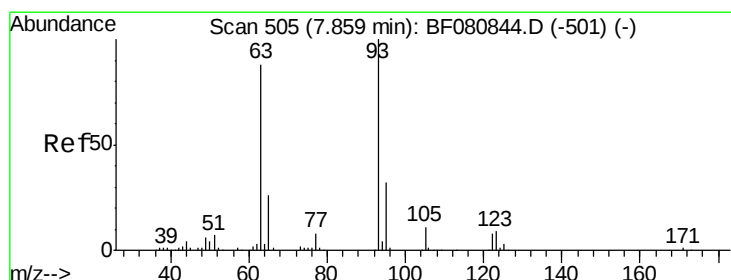
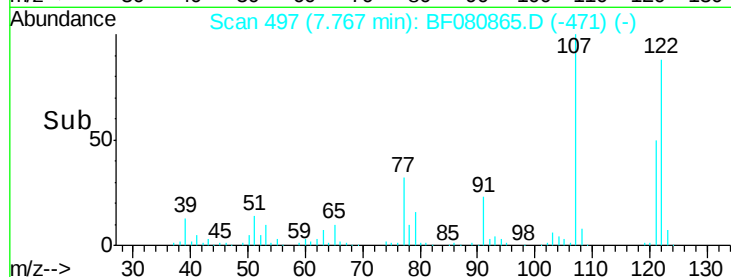
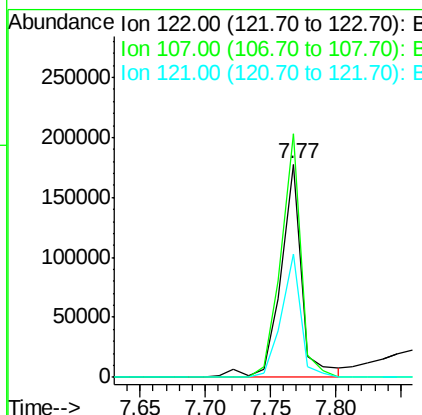
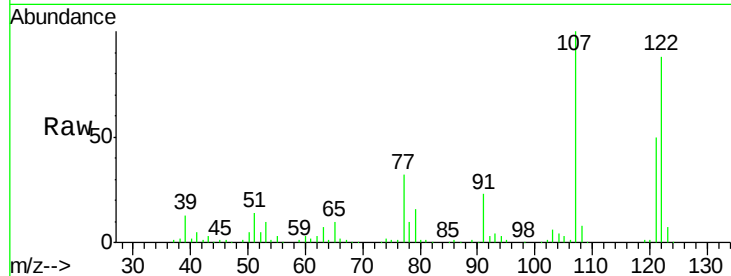




#27
 2,4-Dimethylphenol
 Concen: 47.81 ng
 RT: 7.77 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

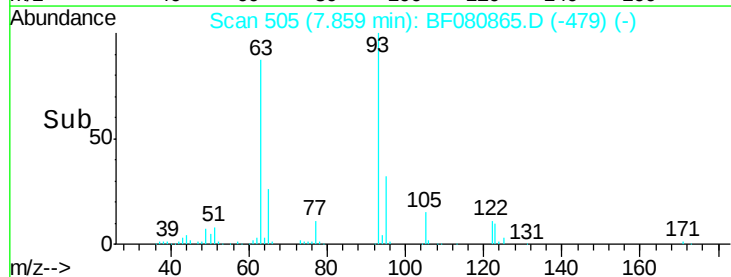
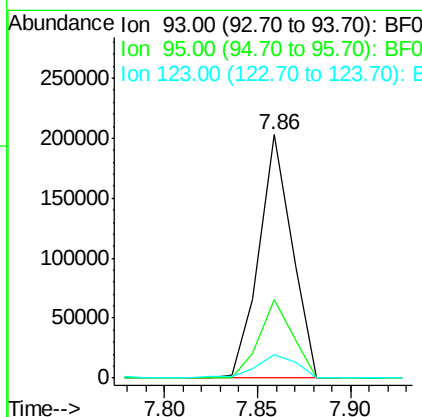
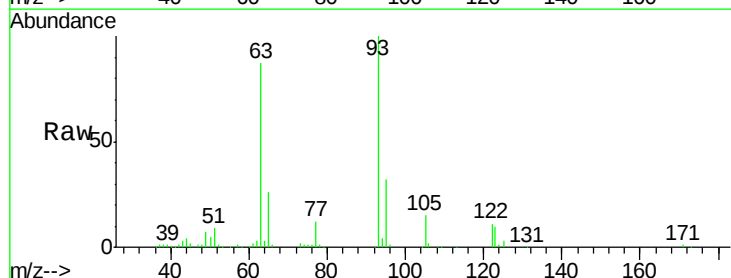
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

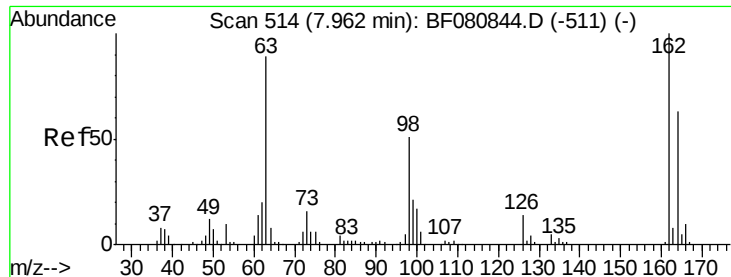
Tot Ion:122 Resp: 201828
 Ion Ratio Lower Upper
 122 100
 107 114.1 88.2 132.4
 121 57.6 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.91 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion: 93 Resp: 249177
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.9 38.9
 123 9.8 7.9 11.9

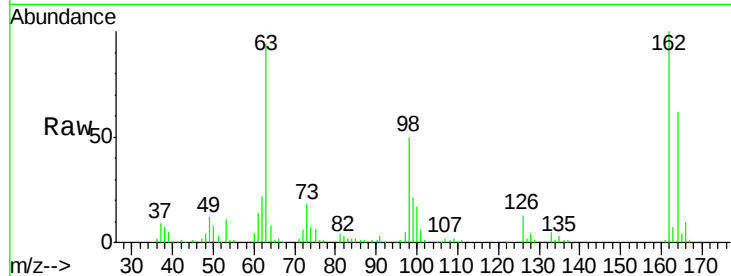




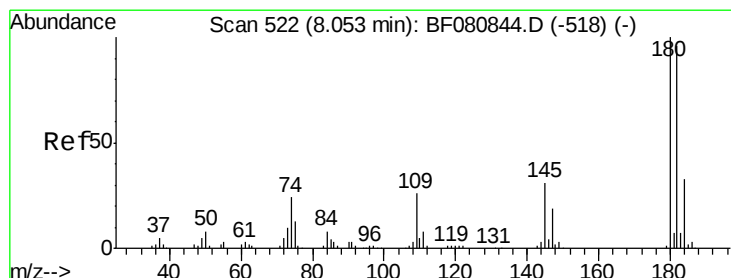
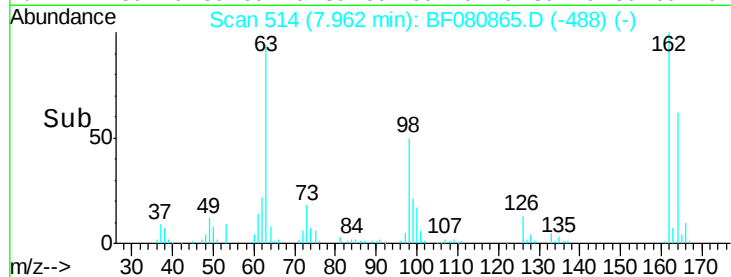
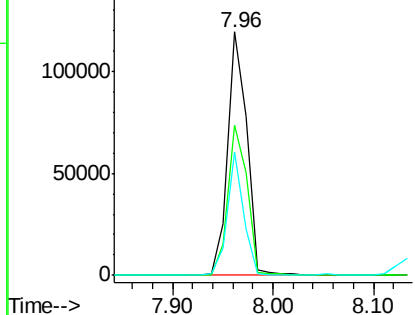
#29
 2,4-Dichlorophenol
 Concen: 45.12 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	43.1	83.1
98	50.4	31.3	71.3

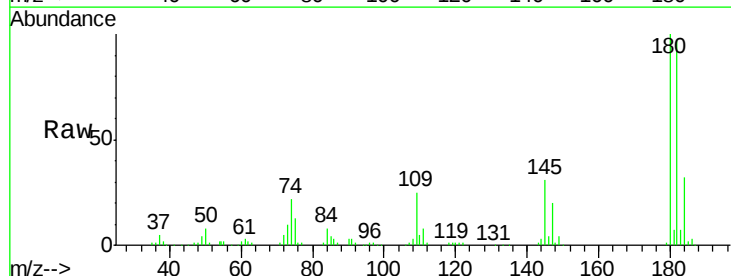


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

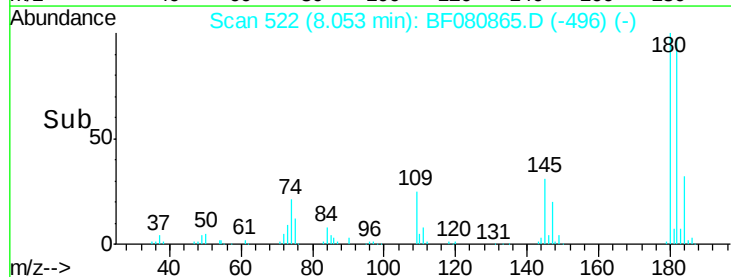
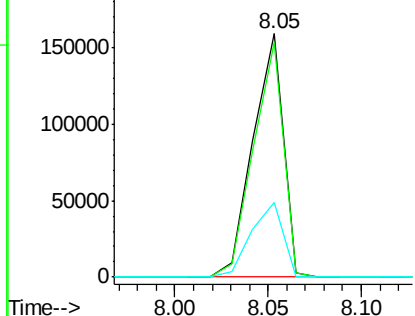


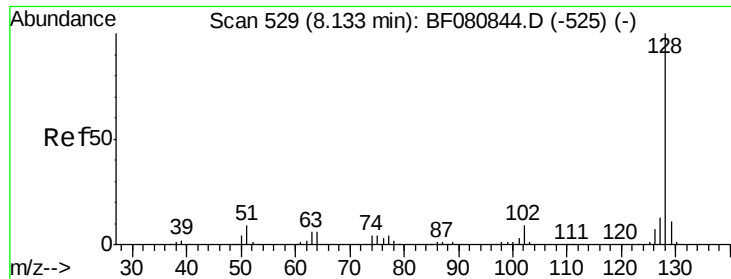
#30
 1,2,4-Trichlorobenzene
 Concen: 44.99 ng
 RT: 8.05 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.0	115.4
145	30.6	25.1	37.7



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

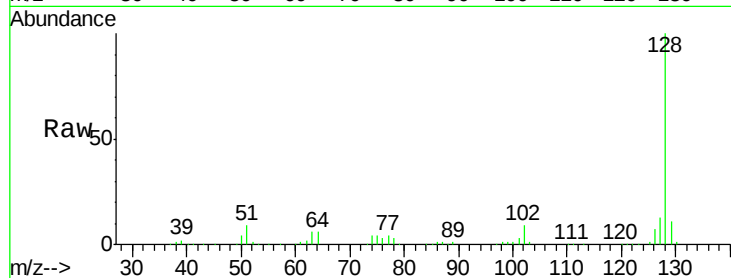




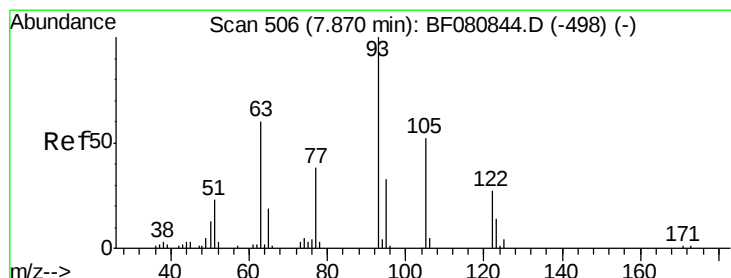
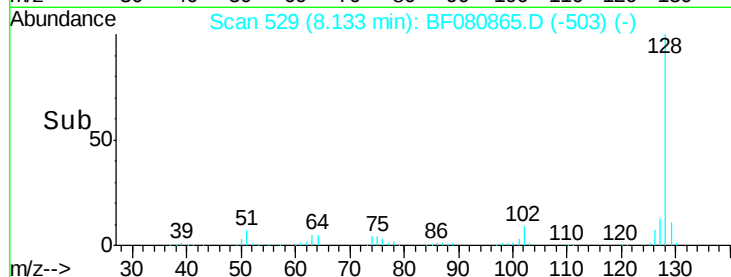
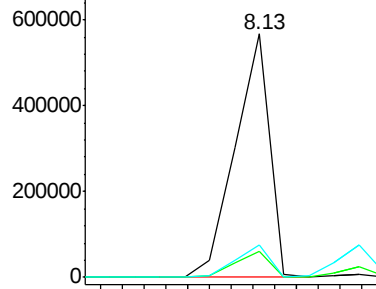
#31
Naphthalene
Concen: 45.95 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

Instrument :
BNA_F
ClientSampleId :
TU021-SB-20-14MSD

Tot Ion:128 Resp: 628649
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.6 15.8

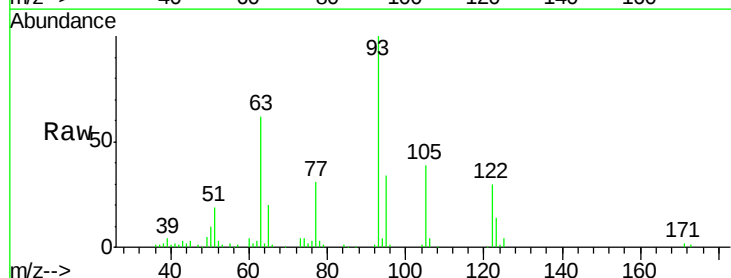


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

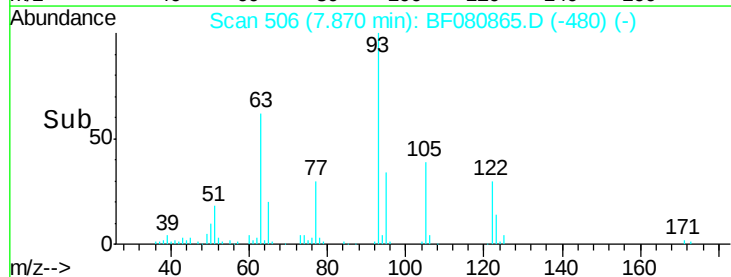
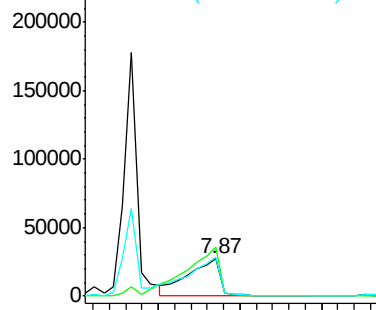


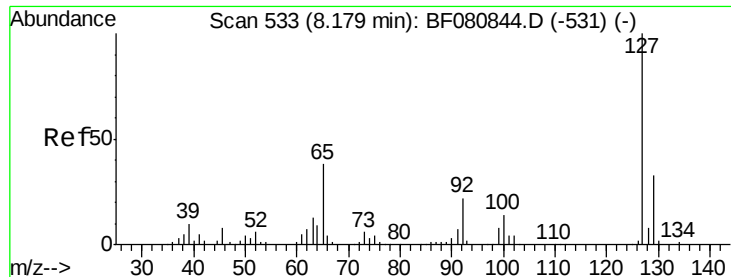
#32
Benzoic acid
Concen: 28.11 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

Tgt Ion:122 Resp: 77124
Ion Ratio Lower Upper
122 100
105 131.4 110.1 150.1
77 104.8 83.6 123.6



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

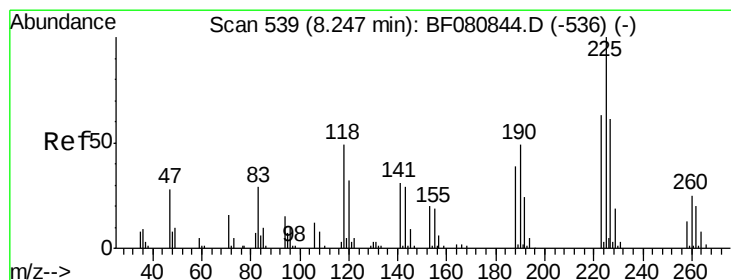
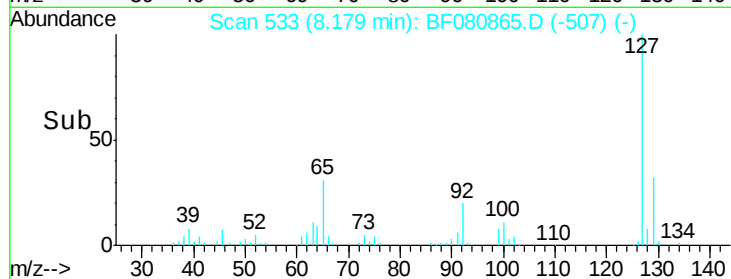
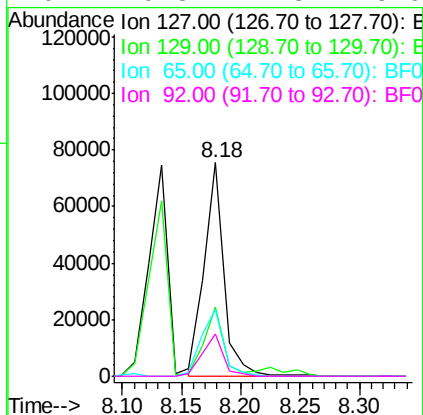
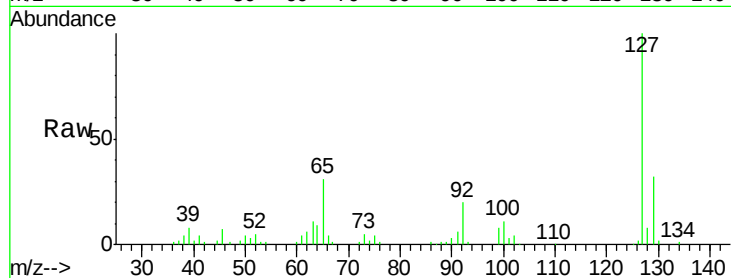




#33
4-Chloroaniline
Concen: 16.45 ng
RT: 8.18 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

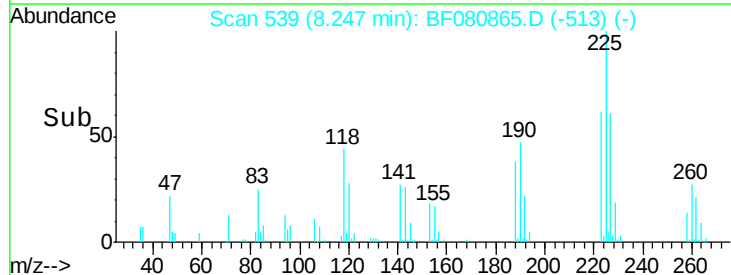
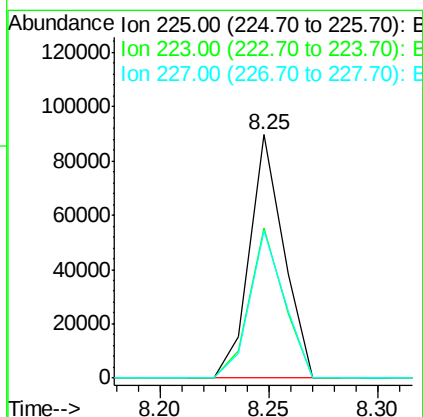
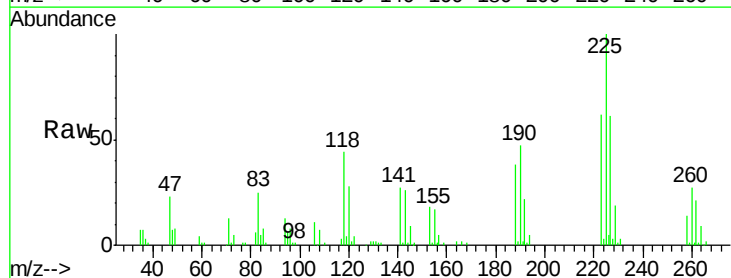
Instrument :
BNA_F
ClientSampleId :
TU021-SB-20-14MSD

Tot Ion:	127	Resp:	88013
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	31.1	30.3	45.5
92	19.8	17.3	25.9



#34
Hexachlorobutadiene
Concen: 43.46 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

Tgt Ion:	225	Resp:	98257
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.0	75.0
227	60.7	48.5	72.7

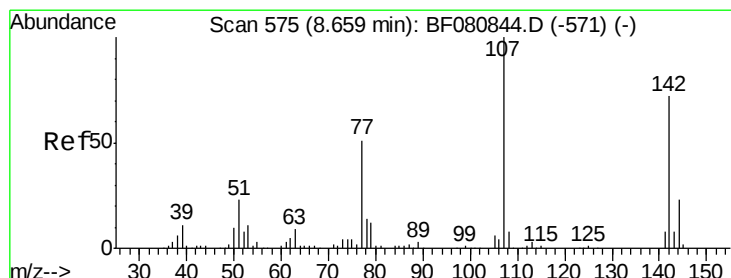
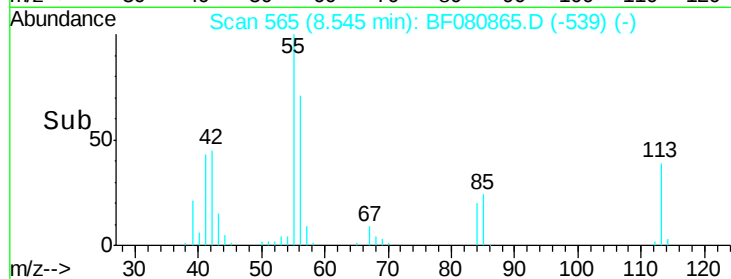
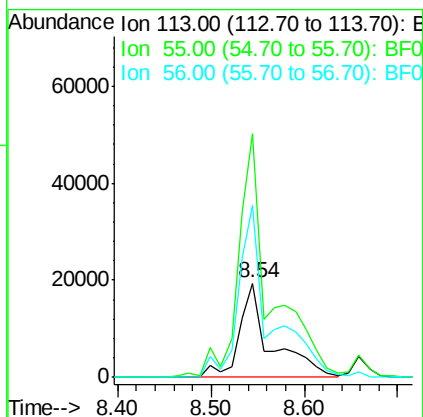
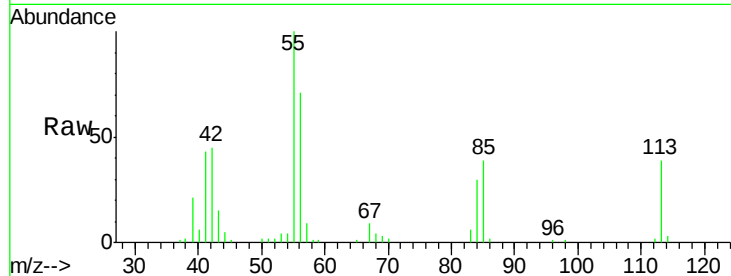




#35
 Caprolactam
 Concen: 45.83 ng
 RT: 8.54 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

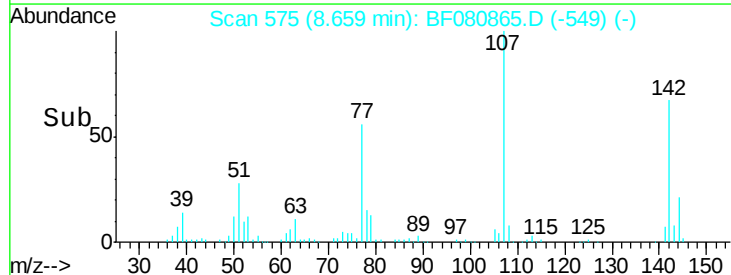
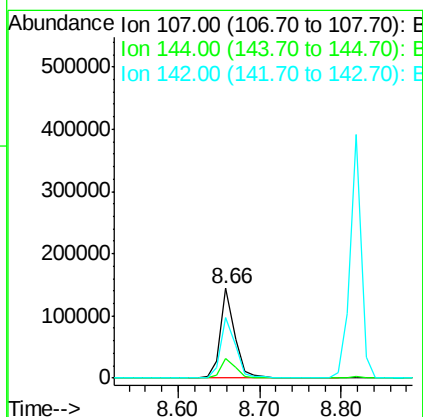
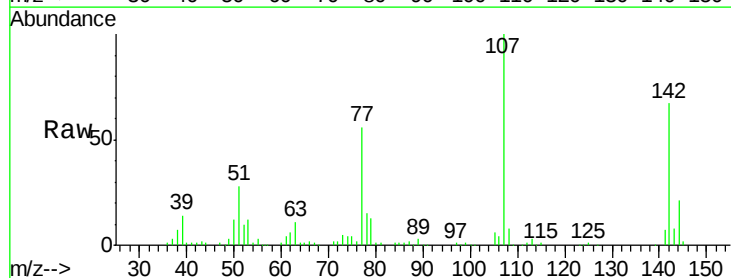
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

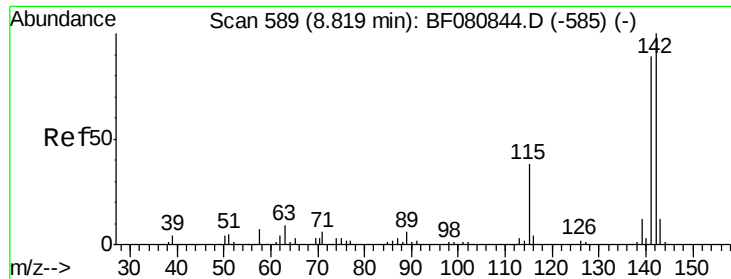
Tot Ion:113 Resp: 45616
 Ion Ratio Lower Upper
 113 100
 55 258.4 236.2 276.2
 56 182.3 165.2 205.2



#36
 4-Chloro-3-methylphenol
 Concen: 46.32 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion:107 Resp: 177124
 Ion Ratio Lower Upper
 107 100
 144 21.4 18.3 27.5
 142 67.0 57.8 86.8

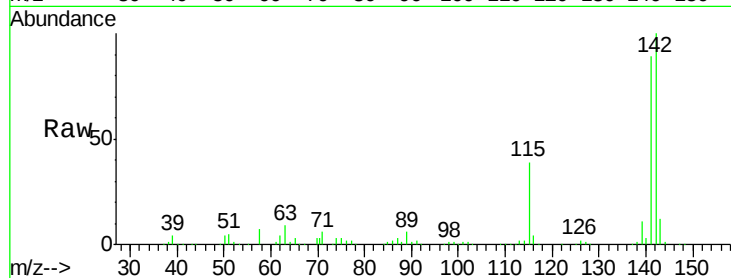




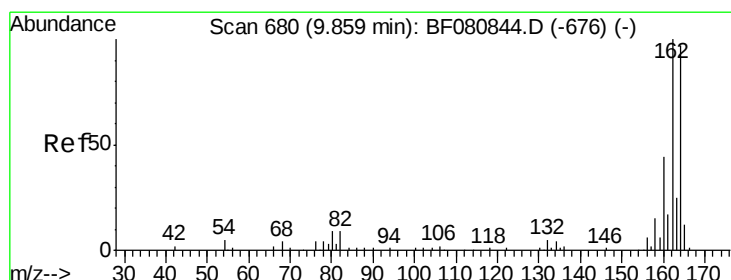
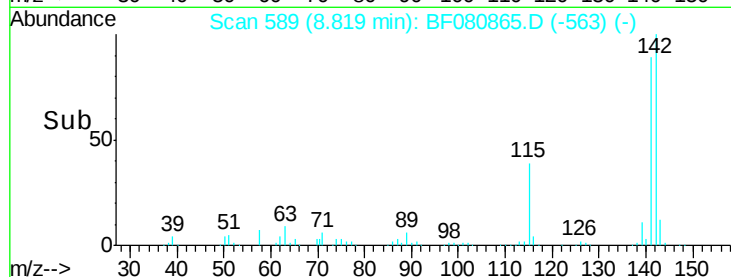
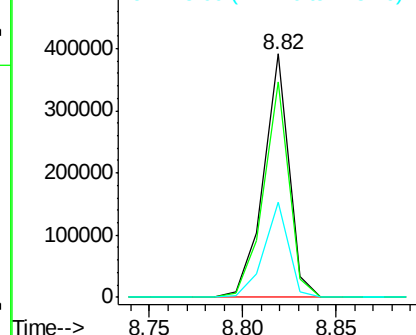
#37
 2-Methylnaphthalene
 Concen: 44.91 ng
 RT: 8.82 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Instrument :
 BNA_F
 ClientSampleID :
 TU021-SB-20-14MSD

Tot Ion:142 Resp: 368179
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.5 107.3
 115 39.1 30.5 45.7

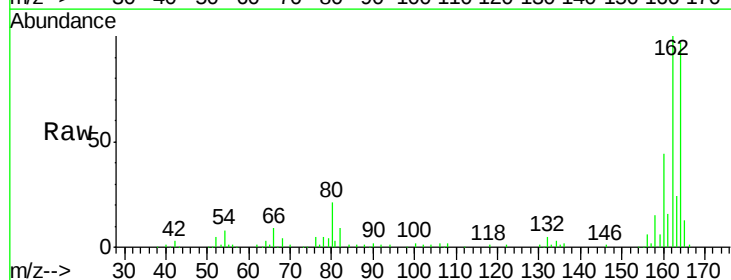


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

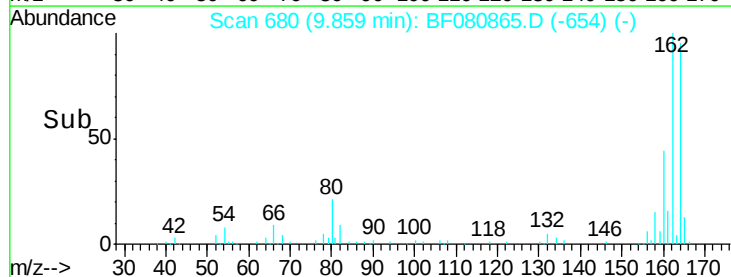
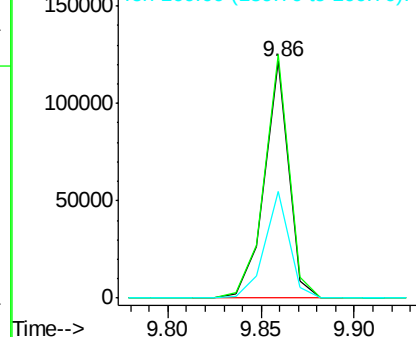


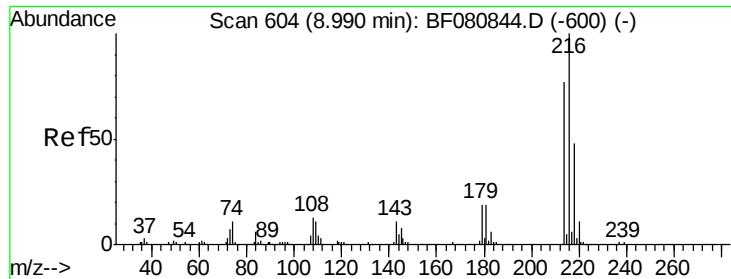
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion:164 Resp: 109424
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.9 124.3
 160 44.8 36.6 54.8



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: 41.42 ng

RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

Tot Ion:216 Resp: 154681

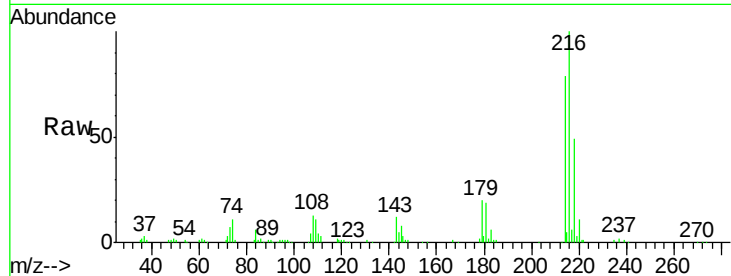
Ion Ratio Lower Upper

216 100

214 79.8 62.1 93.1

179 21.9 17.0 25.6

108 23.4 16.5 24.7

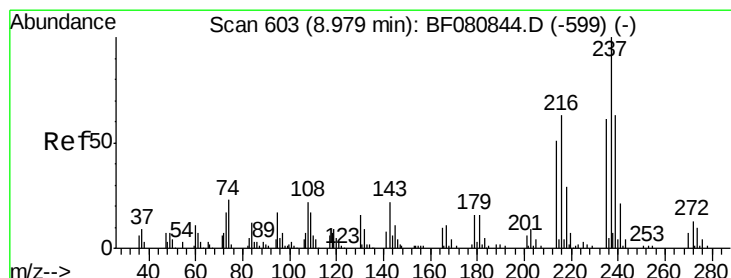
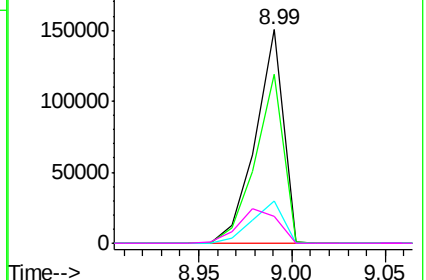
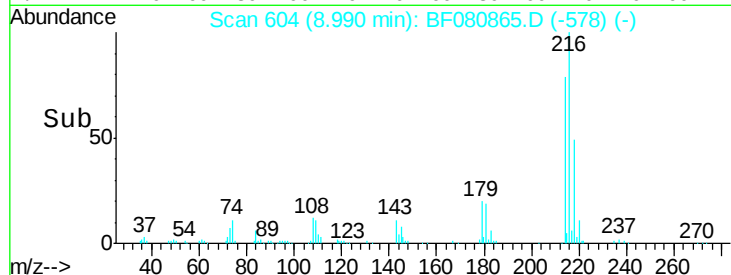


Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.06 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

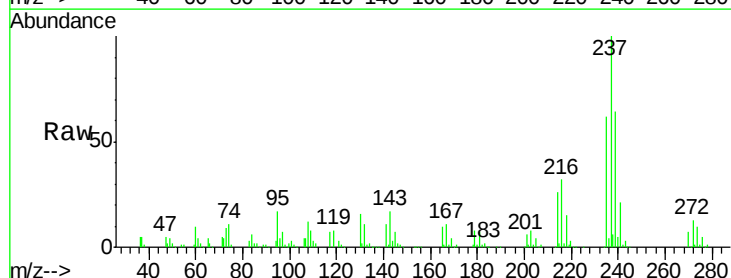
Tgt Ion:237 Resp: 201966

Ion Ratio Lower Upper

237 100

235 62.1 40.9 80.9

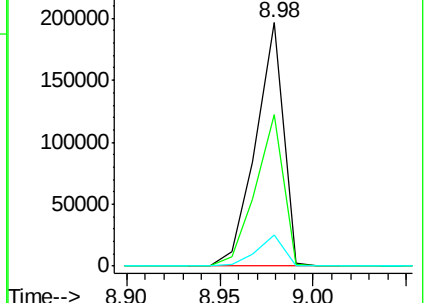
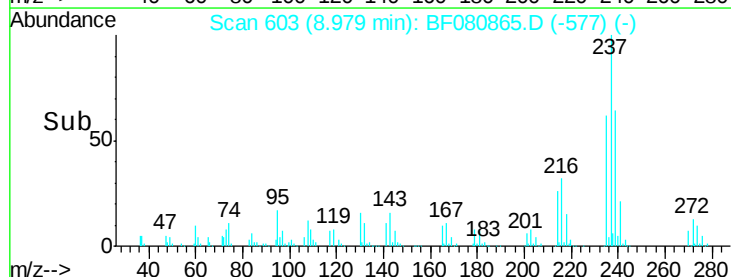
272 13.0 0.0 33.1

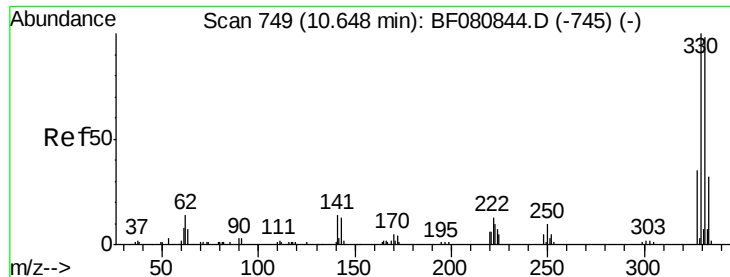


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

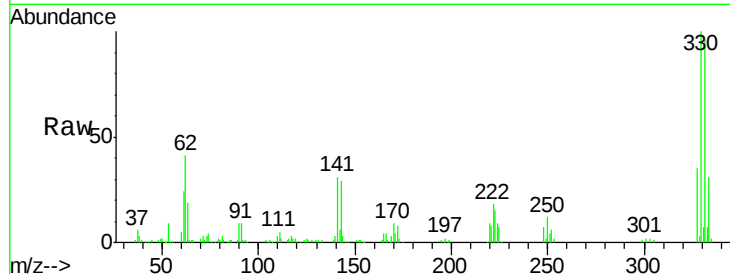




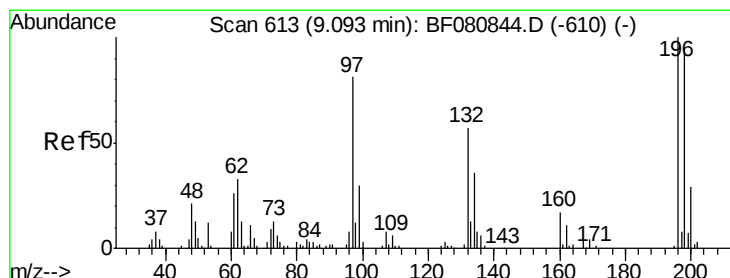
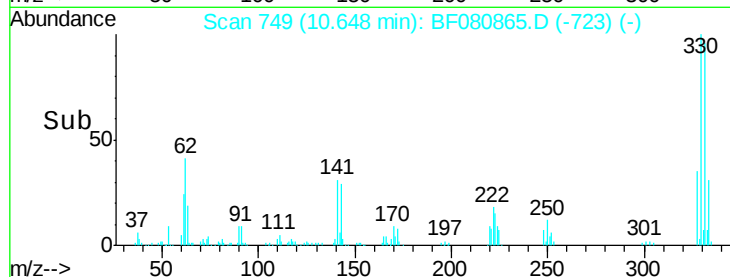
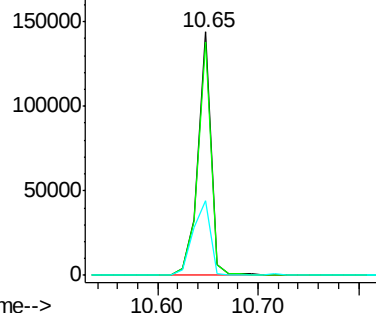
#41
 2,4,6-Tribromophenol
 Concen: 124.06 ng
 RT: 10.65 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.8	116.8
141	40.5	28.4	42.6

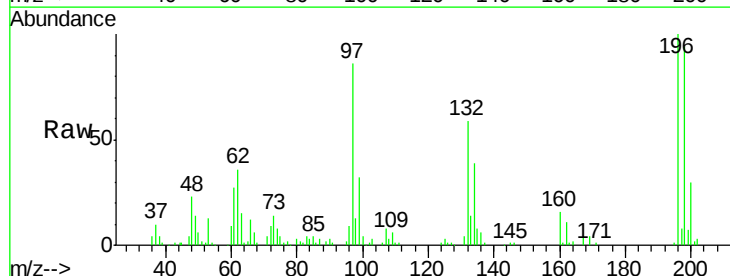


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

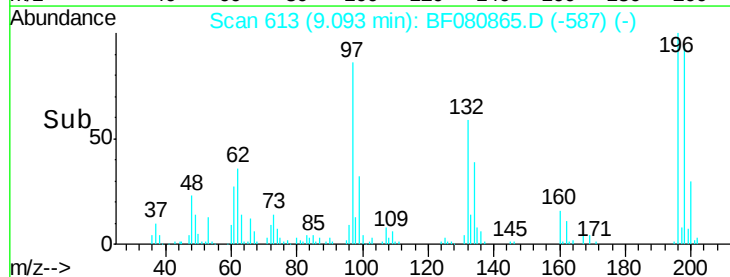
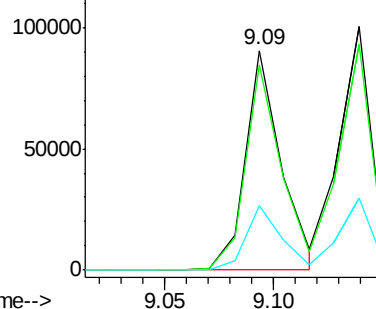


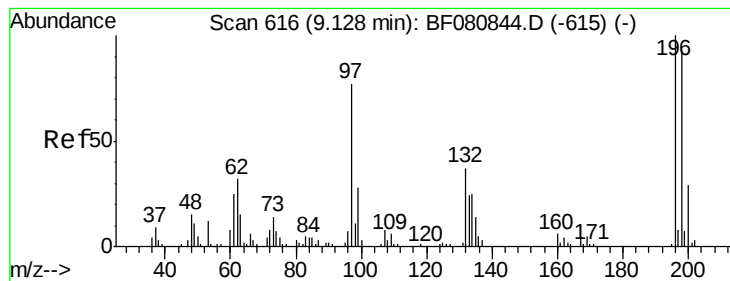
#42
 2,4,6-Trichlorophenol
 Concen: 41.17 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.6	76.4	114.6
200	29.6	23.1	34.7



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: 42.27 ng

RT: 9.14 min Scan# 617

Delta R.T. 0.01 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

Tot Ion:196 Resp: 107297

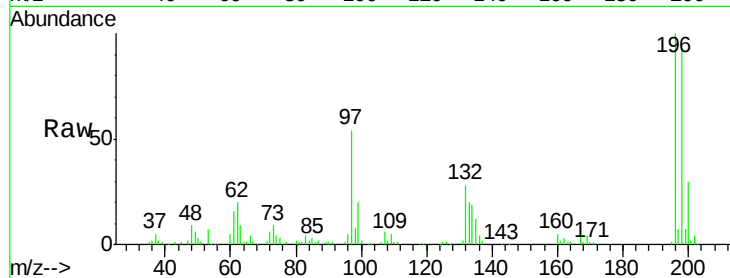
Ion Ratio Lower Upper

196 100

198 92.7 74.2 111.4

97 53.8 63.0 94.6#

132 28.4 30.0 45.0#

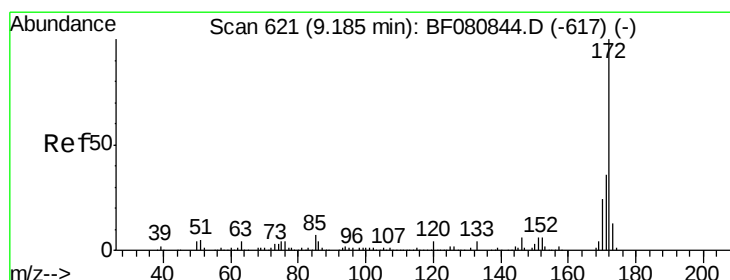
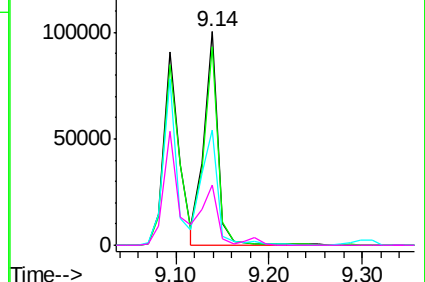
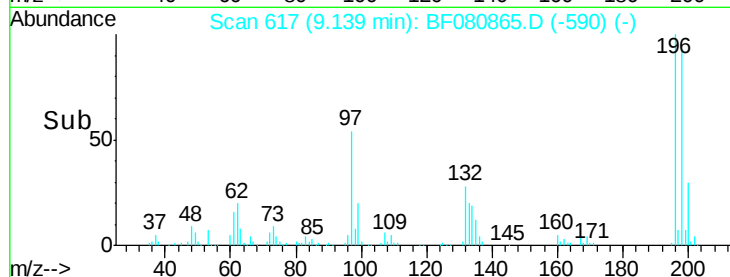


Abundance Ion 196.00 (195.70 to 196.70): E

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: 83.23 ng

RT: 9.18 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

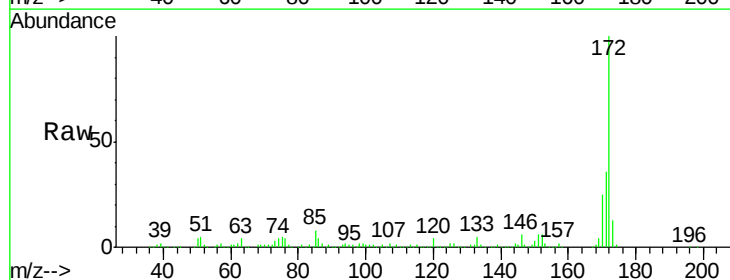
Tgt Ion:172 Resp: 676350

Ion Ratio Lower Upper

172 100

171 36.4 28.9 43.3

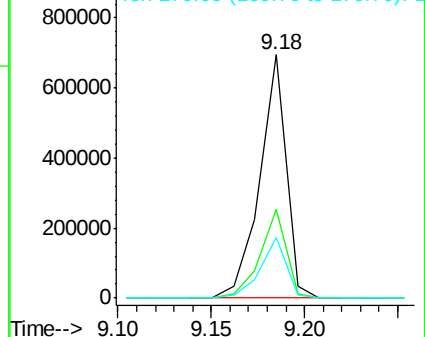
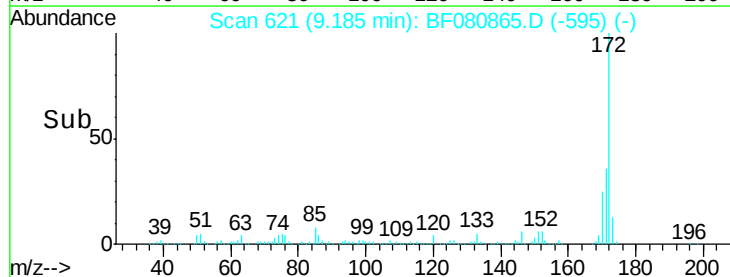
170 24.7 19.4 29.2

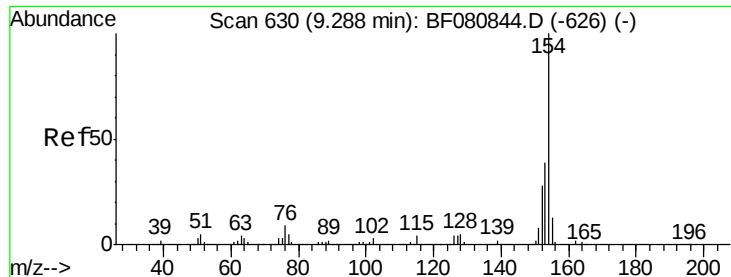


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

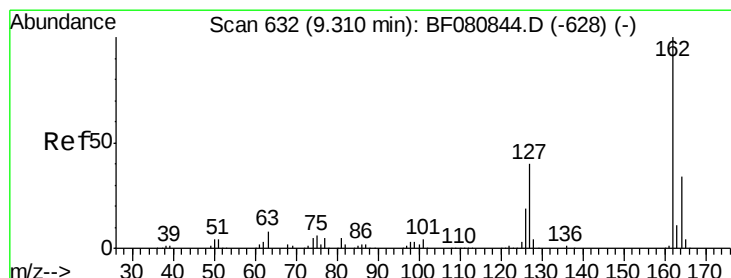
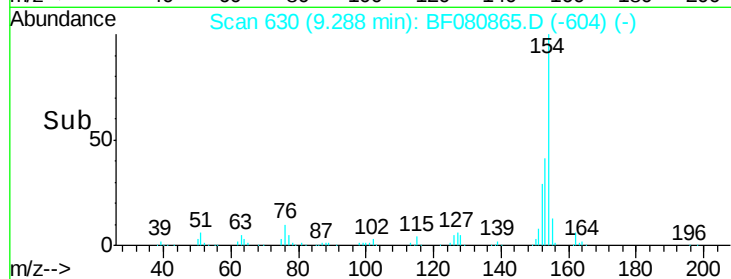
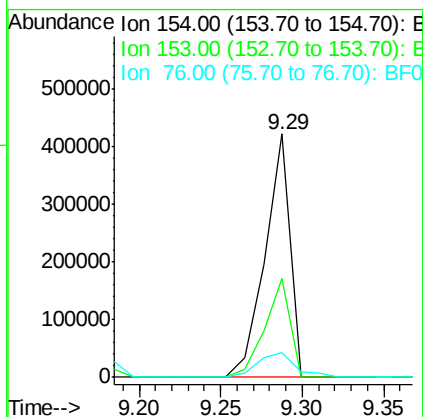
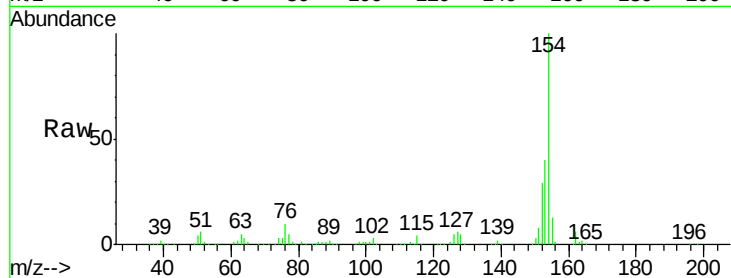




#45
 1,1'-Biphenyl
 Concen: 44.52 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

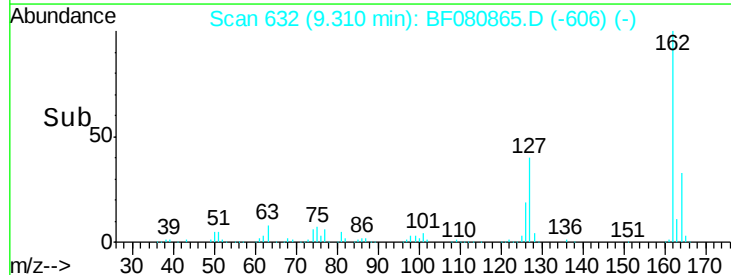
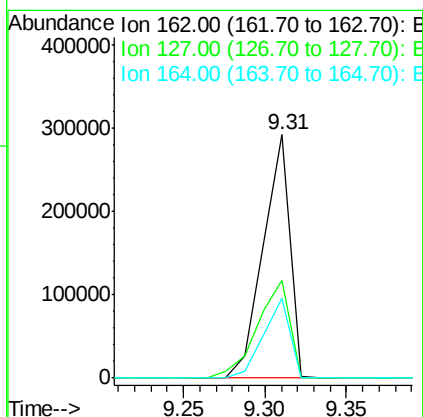
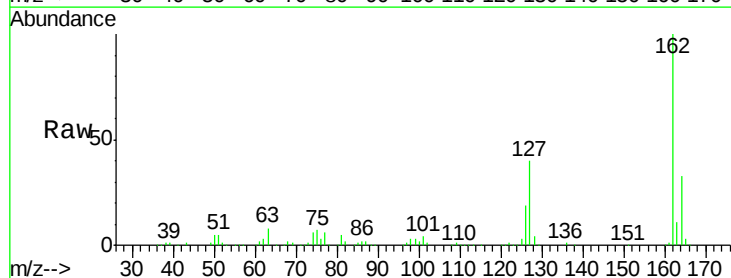
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

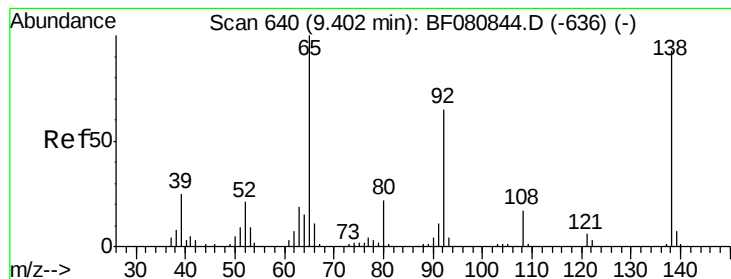
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.2	59.2
76	10.1	0.0	29.3



#46
 2-Chloronaphthalene
 Concen: 42.52 ng
 RT: 9.31 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.9	47.9
164	32.5	26.8	40.2

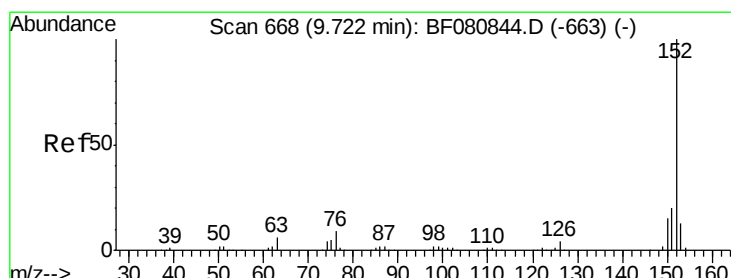
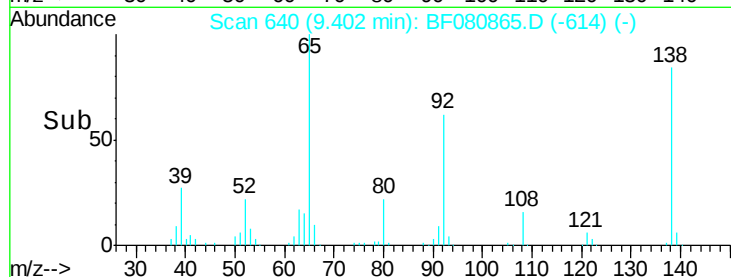
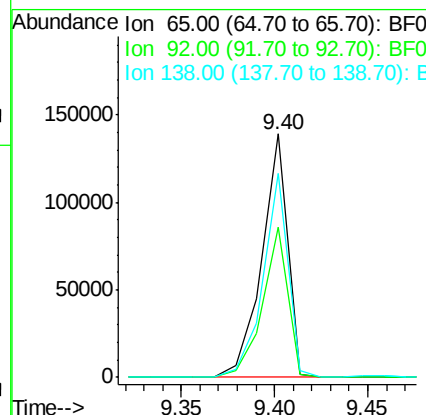
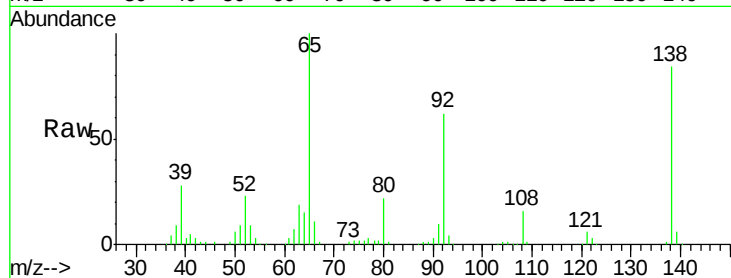




#47
 2-Nitroaniline
 Concen: 46.29 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

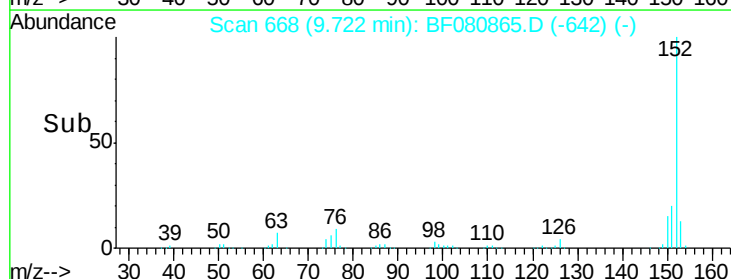
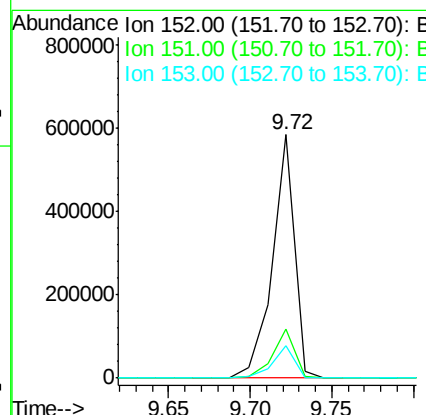
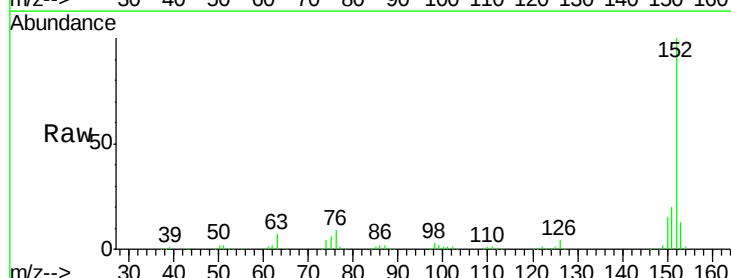
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

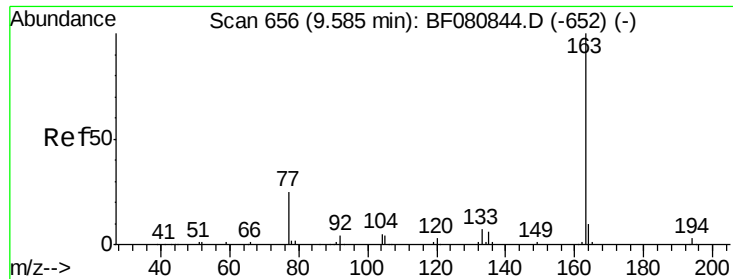
Tot Ion: 65 Resp: 132201
 Ion Ratio Lower Upper
 65 100
 92 61.9 51.7 77.5
 138 83.8 74.2 111.2



#48
 Acenaphthylene
 Concen: 42.69 ng
 RT: 9.72 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion: 152 Resp: 551159
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 13.2 10.6 15.8

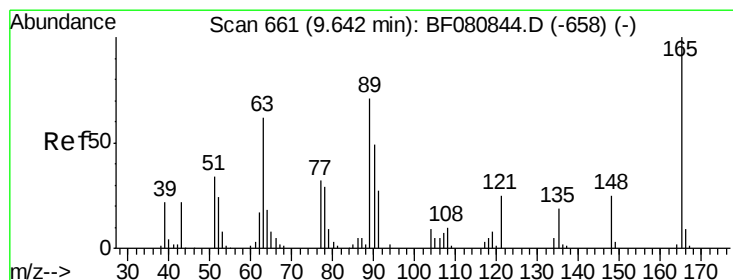
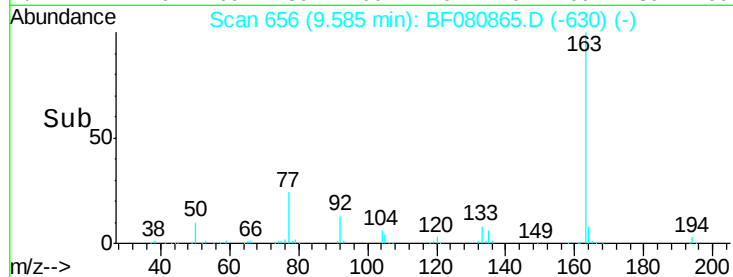
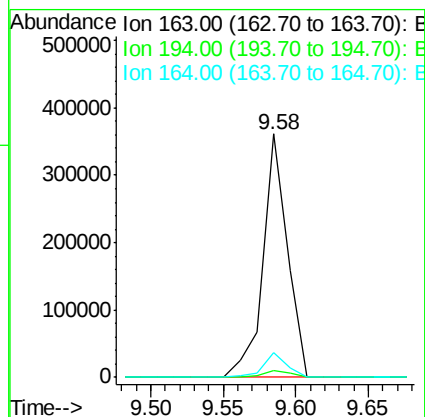
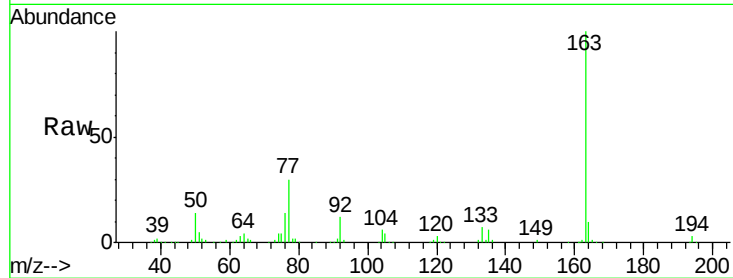




#49
Dimethylphthalate
Concen: 52.62 ng
RT: 9.58 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

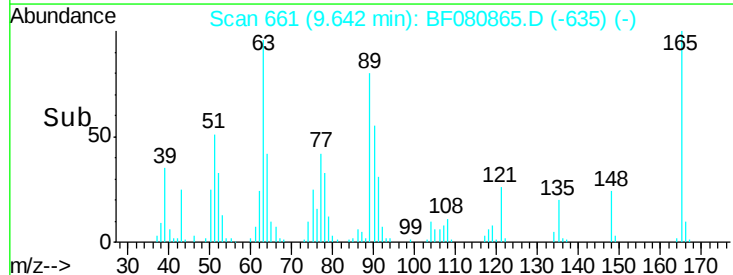
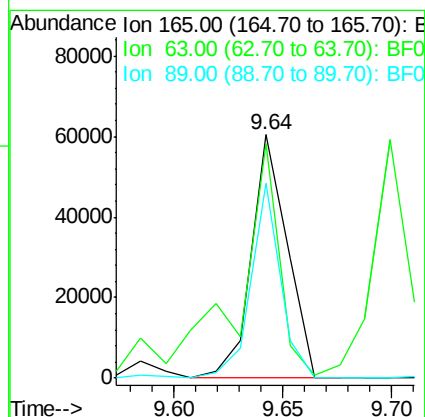
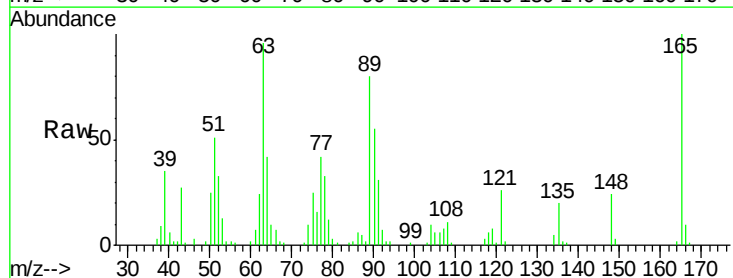
Instrument :
BNA_F
ClientSampleId :
TU021-SB-20-14MSD

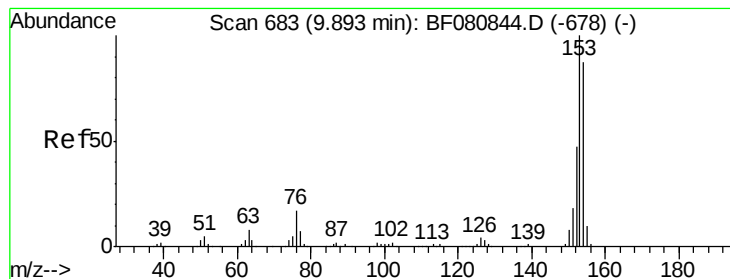
Tot Ion:163 Resp: 419891
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.2 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 41.65 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

Tgt Ion:165 Resp: 69506
Ion Ratio Lower Upper
165 100
63 96.2 65.0 97.6
89 80.2 56.6 85.0





#51

Acenaphthene

Concen: 46.95 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

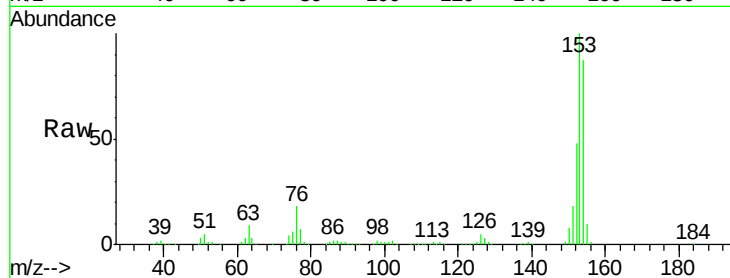
Tot Ion:154 Resp: 364324

Ion Ratio Lower Upper

154 100

153 115.2 91.8 137.6

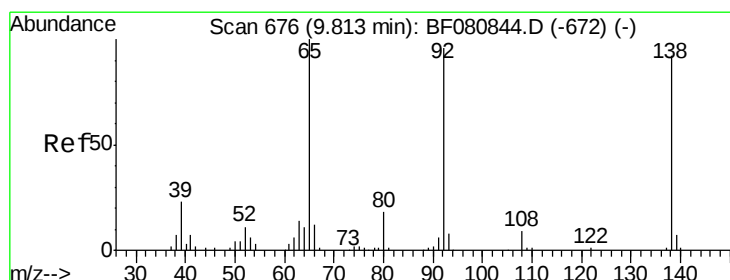
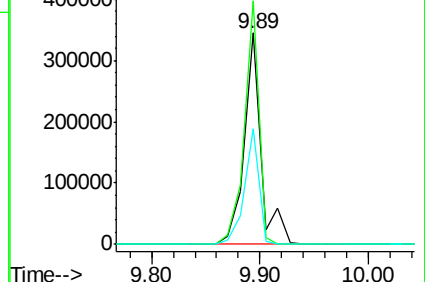
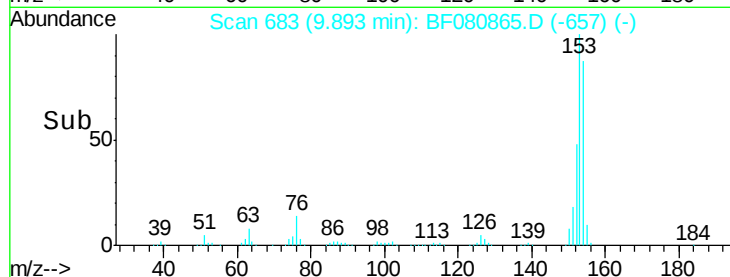
152 54.8 43.2 64.8



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: 27.02 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

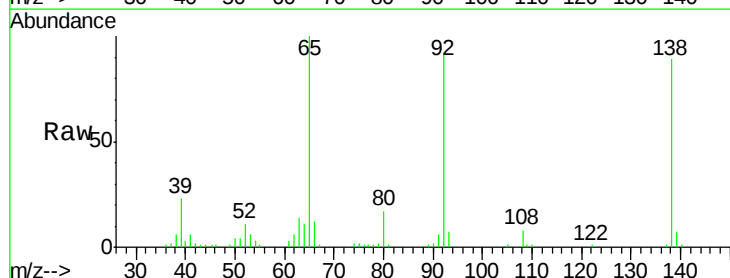
Tgt Ion:138 Resp: 55706

Ion Ratio Lower Upper

138 100

108 9.2 7.9 11.9

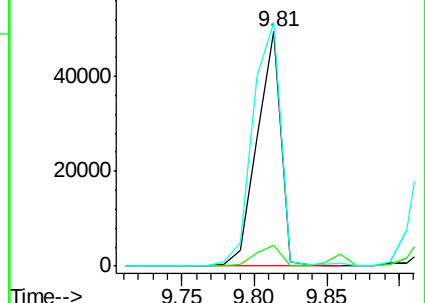
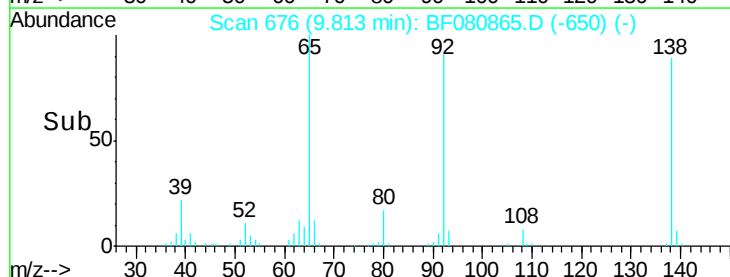
92 104.0 83.7 125.5

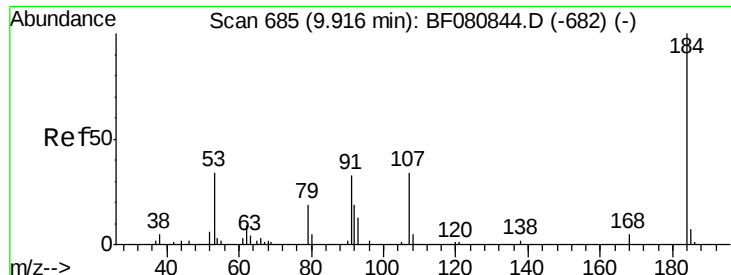


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

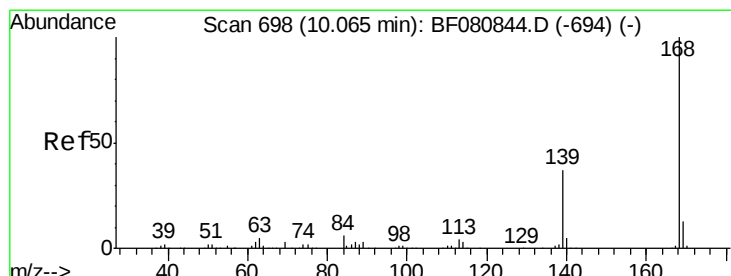
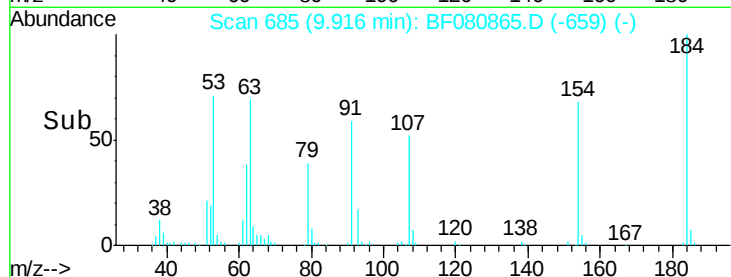
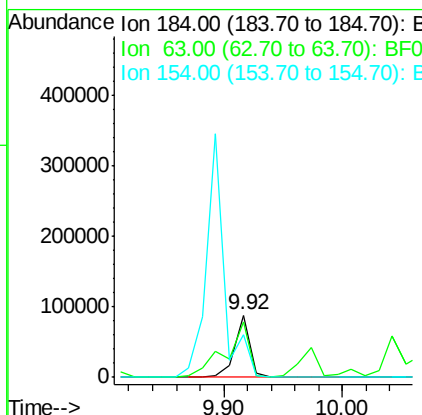
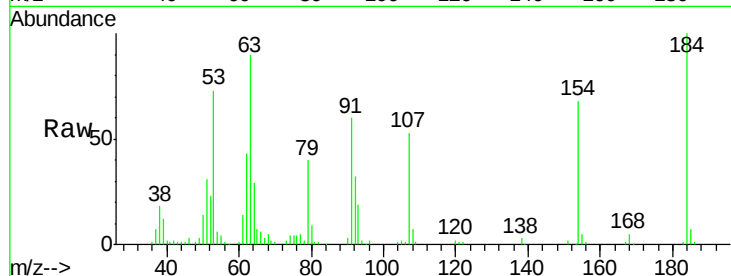




#53
 2,4-Dinitrophenol
 Concen: 68.29 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

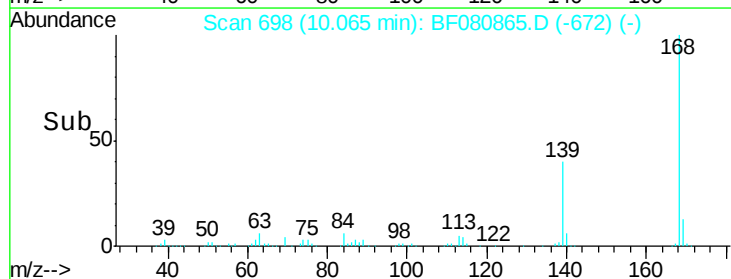
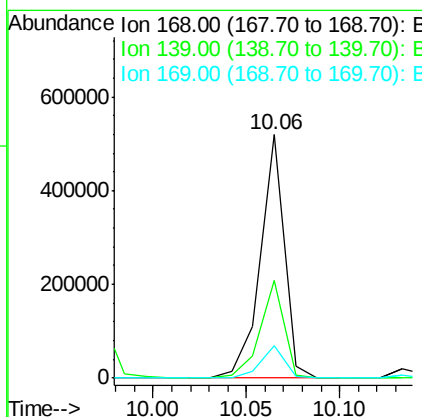
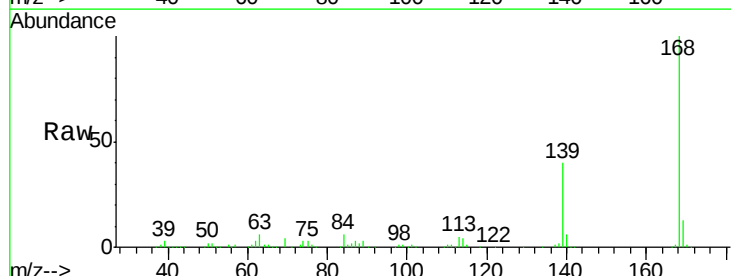
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

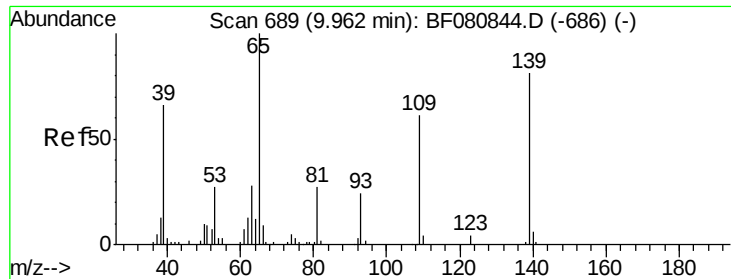
Tot Ion:184 Resp: 78110
 Ion Ratio Lower Upper
 184 100
 63 90.0 33.8 50.6#
 154 68.1 44.2 66.2#



#54
 Dibenzofuran
 Concen: 44.22 ng
 RT: 10.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion:168 Resp: 457660
 Ion Ratio Lower Upper
 168 100
 139 40.0 30.0 45.0
 169 13.3 10.6 16.0

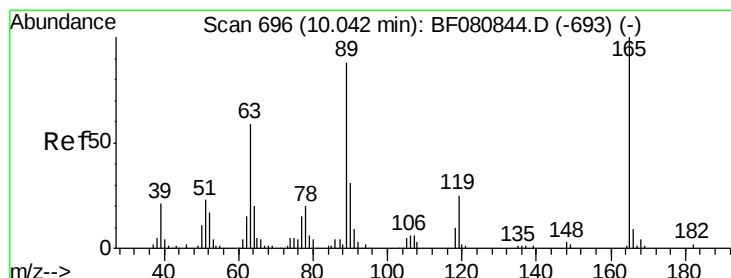
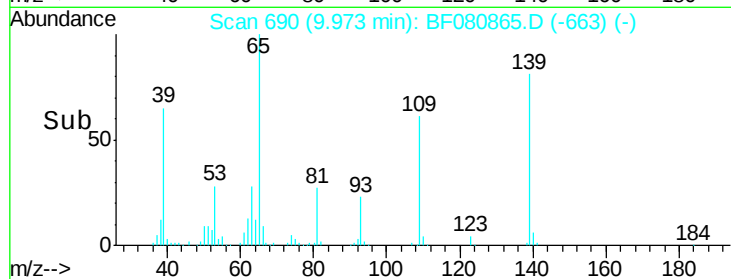
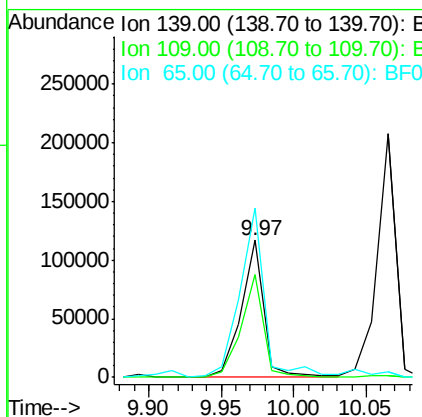
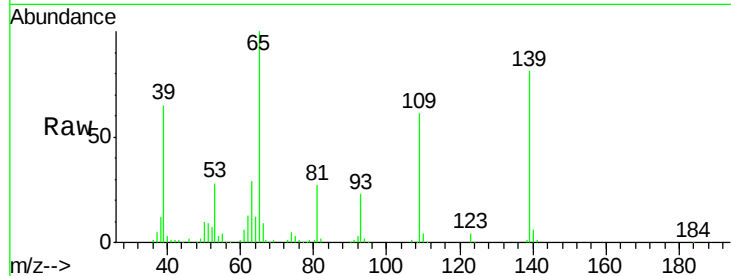




#55
4-Nitrophenol
Concen: 87.42 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.01 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

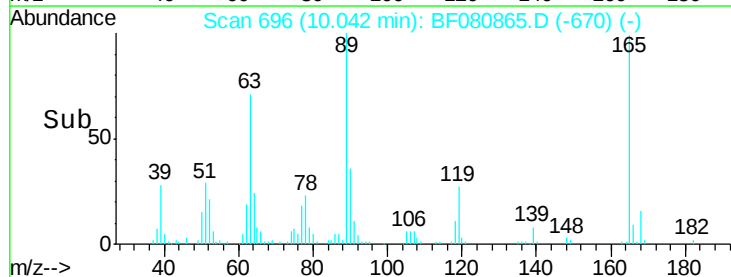
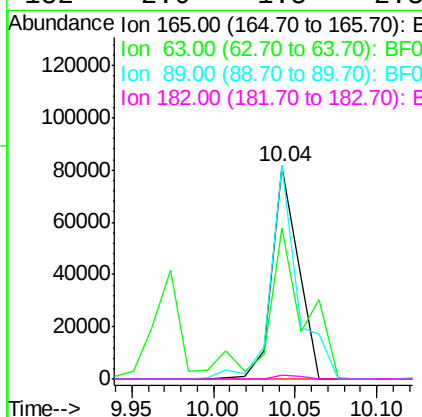
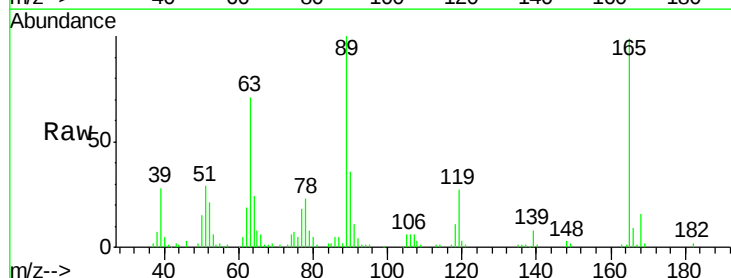
Instrument :
BNA_F
ClientSampleId :
TU021-SB-20-14MSD

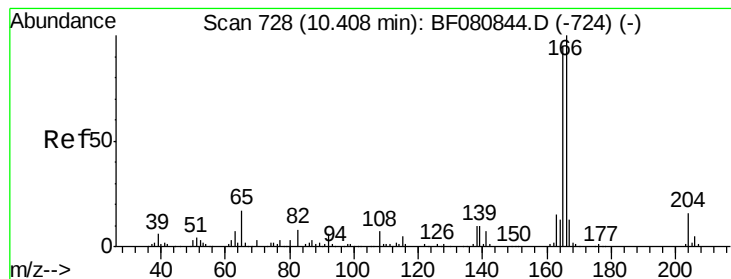
Tot Ion:139 Resp: 126783
Ion Ratio Lower Upper
139 100
109 75.1 54.4 94.4
65 124.0 103.0 143.0



#56
2,4-Dinitrotoluene
Concen: 43.10 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

Tgt Ion:165 Resp: 90823
Ion Ratio Lower Upper
165 100
63 71.4 47.2 70.8#
89 100.6 70.2 105.2
182 2.0 1.5 2.3





#57

Fluorene

Concen: 43.71 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

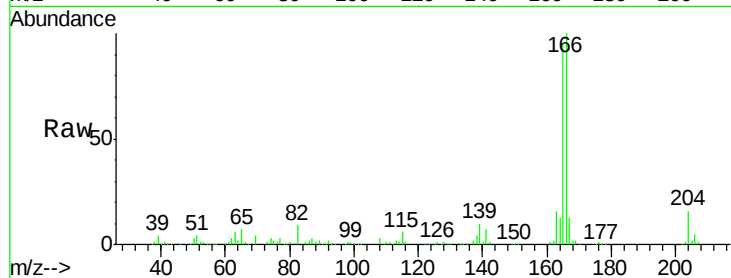
Tot Ion:166 Resp: 345510

Ion Ratio Lower Upper

166 100

165 94.8 76.2 114.2

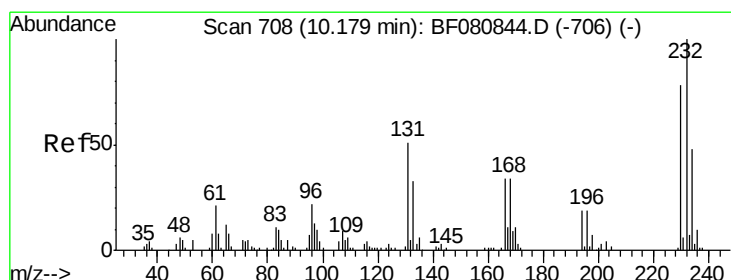
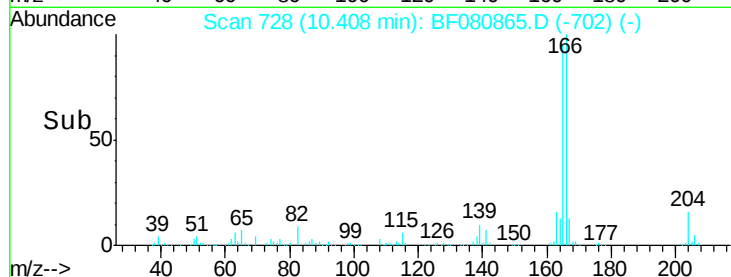
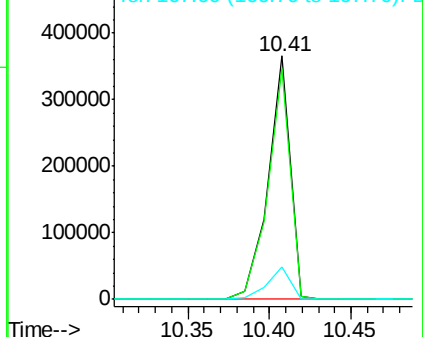
167 13.2 10.4 15.6



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: 42.18 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Tgt Ion:232 Resp: 76833

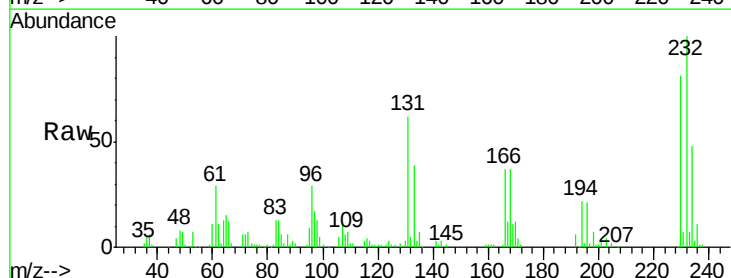
Ion Ratio Lower Upper

232 100

131 58.7 43.7 65.5

130 3.1 1.9 2.9#

166 34.4 26.9 40.3

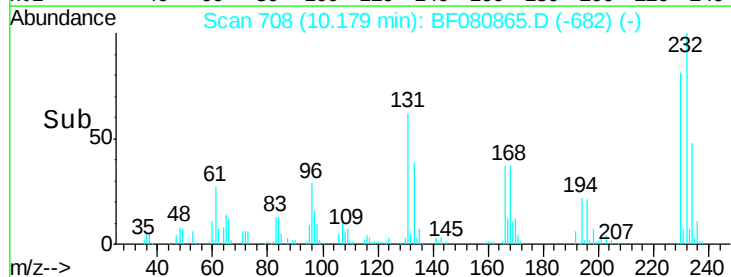
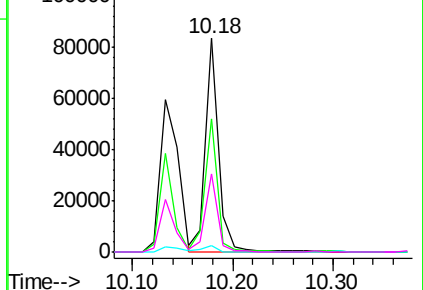


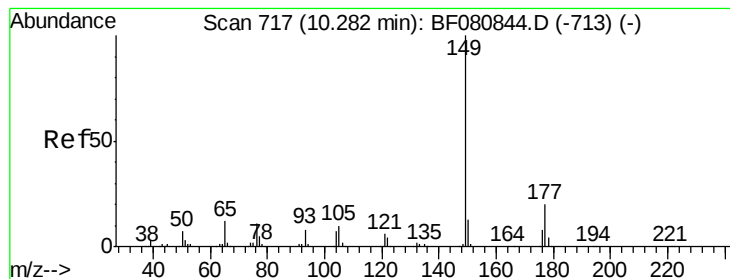
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.55 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

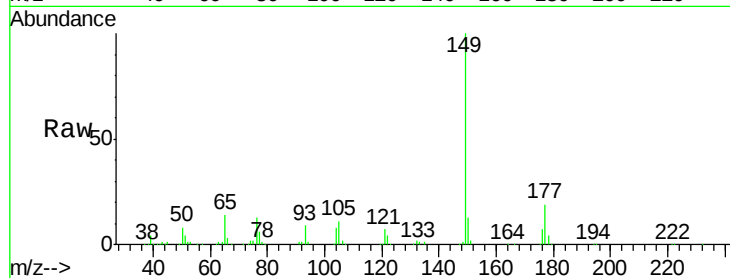
Tot Ion:149 Resp: 336212

Ion Ratio Lower Upper

149 100

177 19.1 15.8 23.8

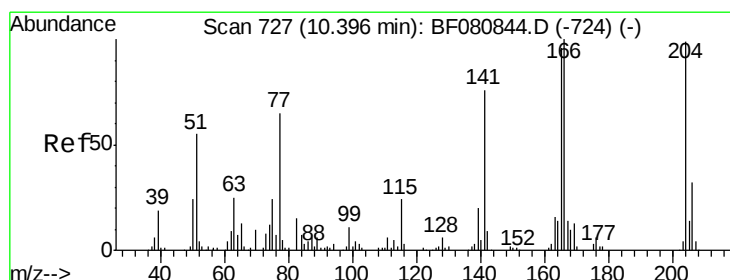
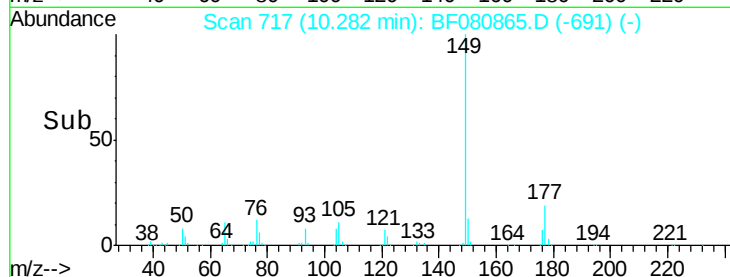
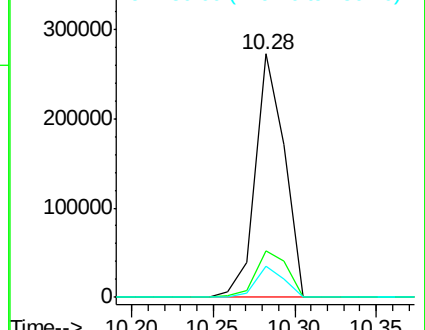
150 12.6 10.2 15.2



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: 42.80 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

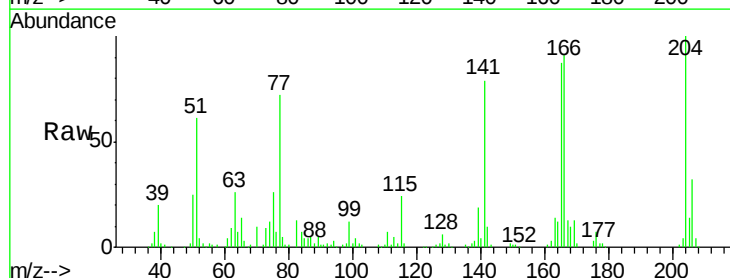
Tgt Ion:204 Resp: 138403

Ion Ratio Lower Upper

204 100

206 32.1 25.8 38.8

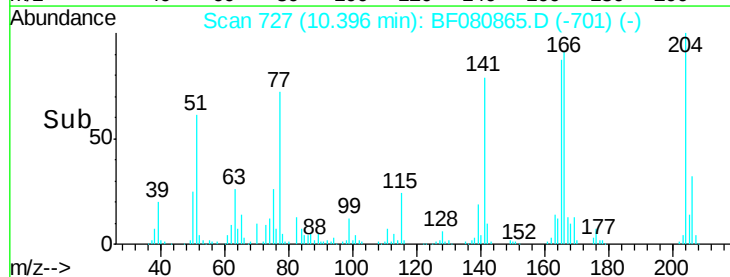
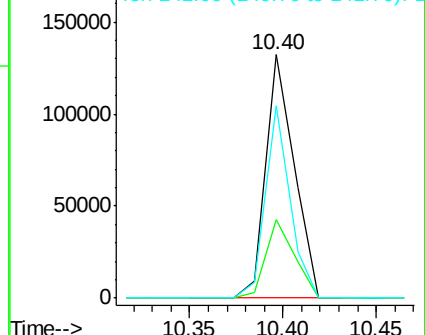
141 79.0 61.4 92.2

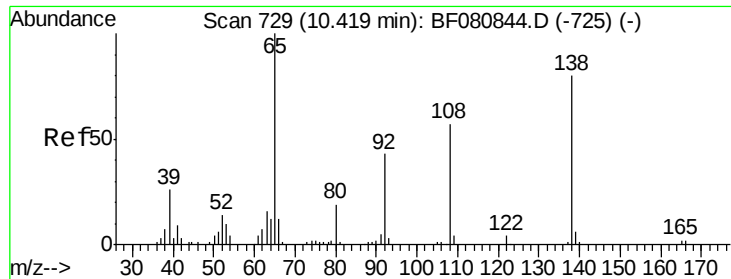


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

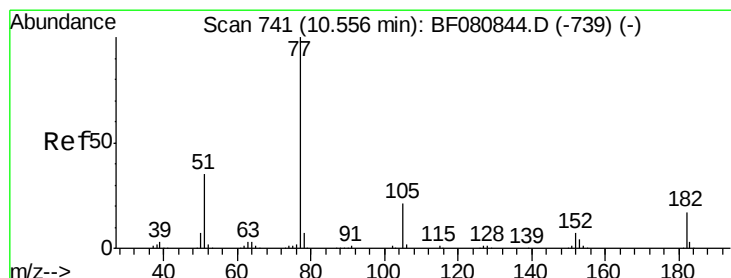
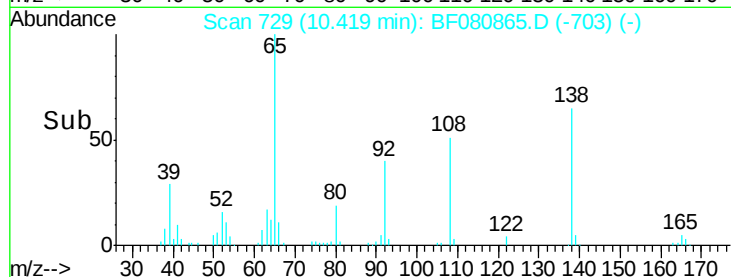
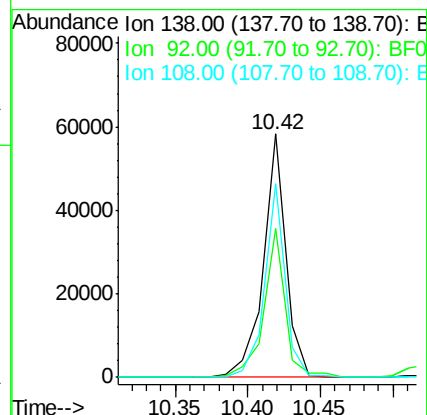
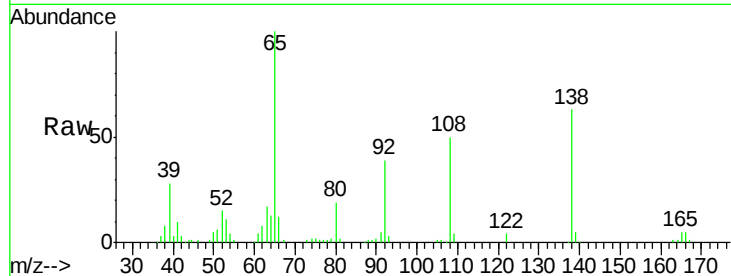




#61
4-Nitroaniline
Concen: 34.15 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

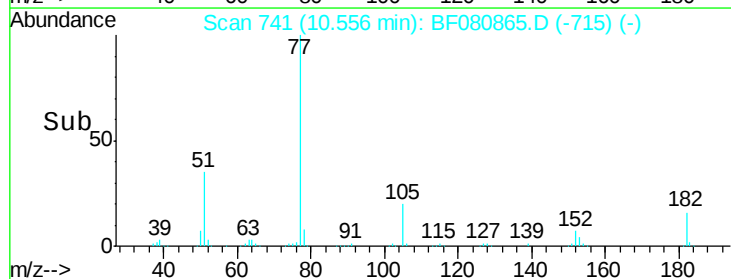
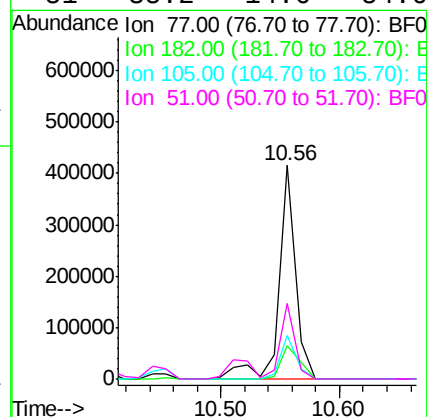
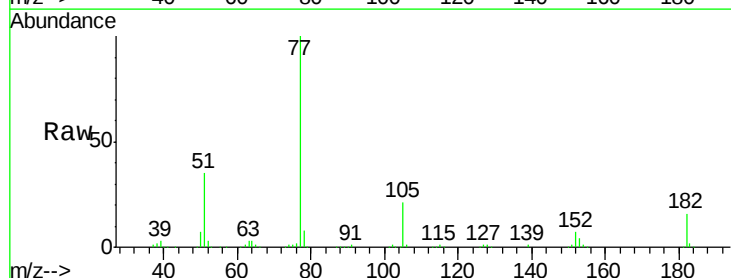
Instrument :
BNA_F
ClientSampleId :
TU021-SB-20-14MSD

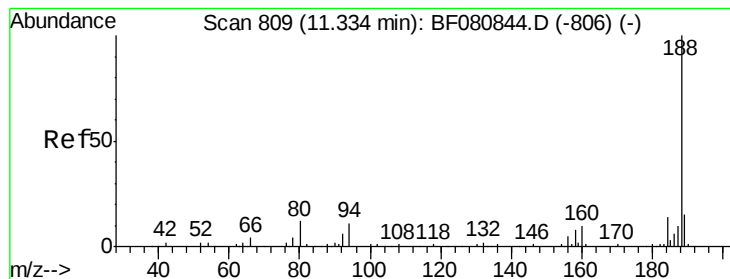
Tot Ion:138 Resp: 62828
Ion Ratio Lower Upper
138 100
92 61.3 33.5 73.5
108 79.3 52.3 92.3



#62
Azobenzene
Concen: 43.98 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

Tgt Ion: 77 Resp: 406423
Ion Ratio Lower Upper
77 100
182 15.7 0.0 37.0
105 20.6 1.3 41.3
51 35.2 14.6 54.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

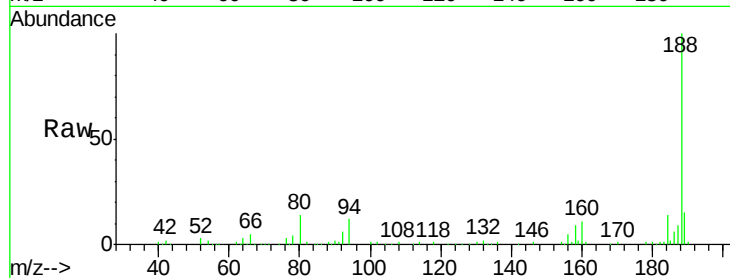
Tot Ion:188 Resp: 168636

Ion Ratio Lower Upper

188 100

94 12.1 8.6 12.8

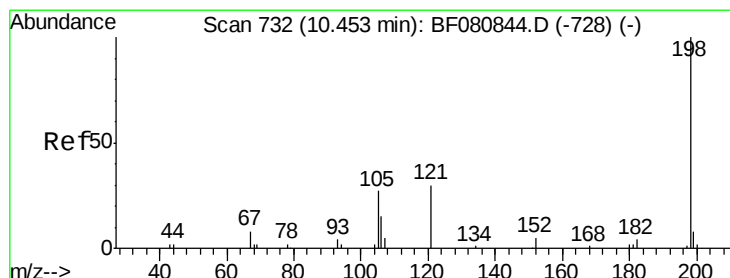
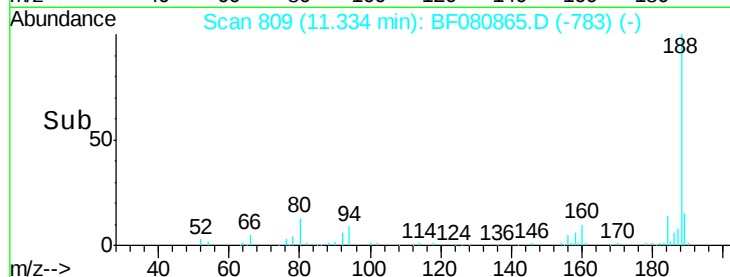
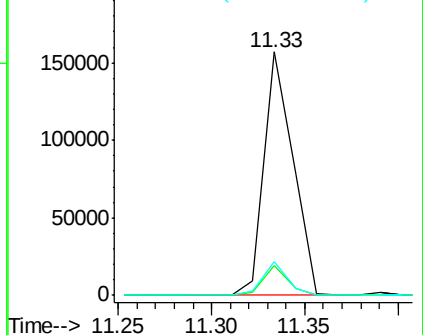
80 13.8 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.42 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

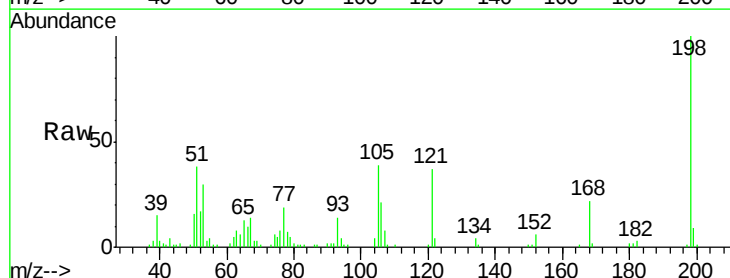
Tgt Ion:198 Resp: 51440

Ion Ratio Lower Upper

198 100

51 38.2 4.7 44.7

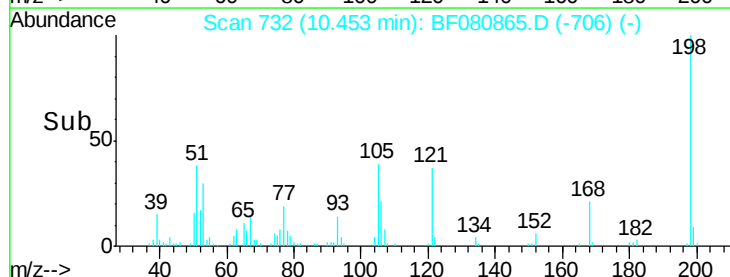
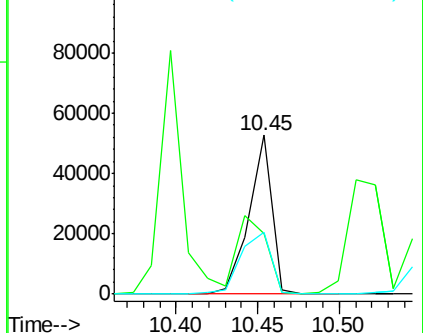
105 38.6 8.5 48.5

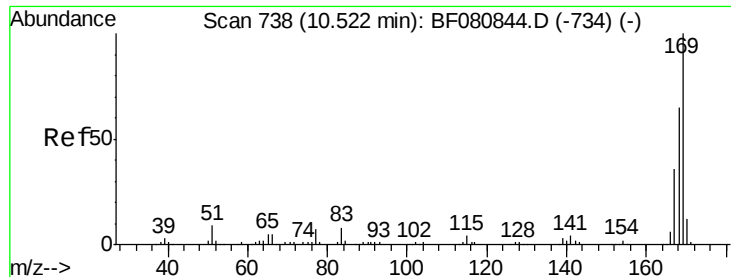


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

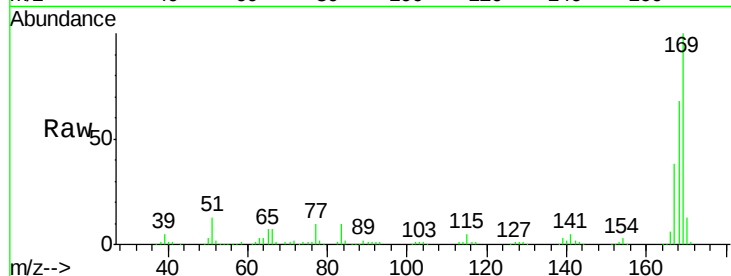




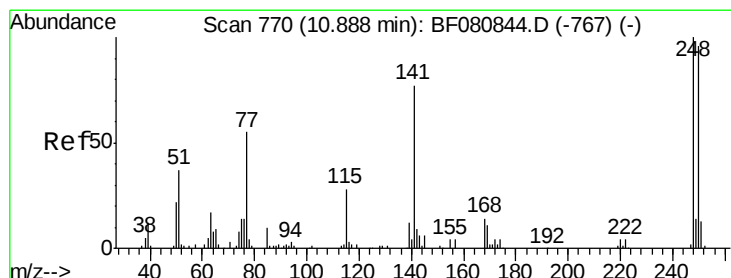
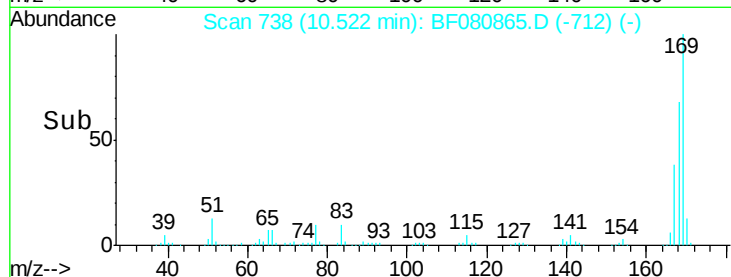
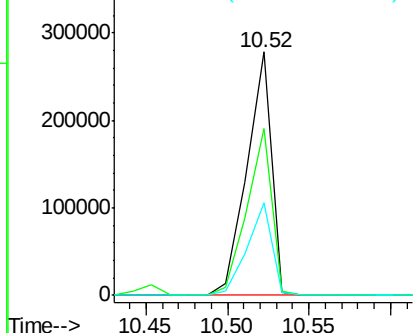
#65
 n-Nitrosodiphenylamine
 Concen: 45.25 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

Tot Ion:169 Resp: 292379
 Ion Ratio Lower Upper
 169 100
 168 68.4 52.2 78.4
 167 37.9 29.2 43.8

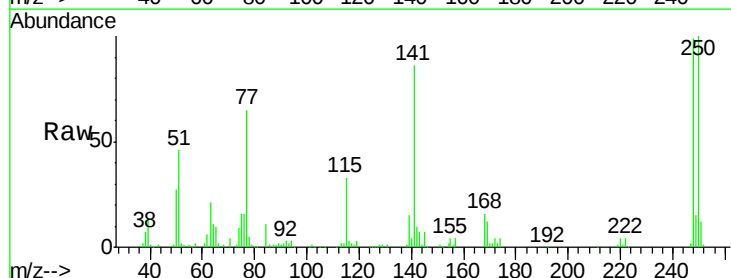


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

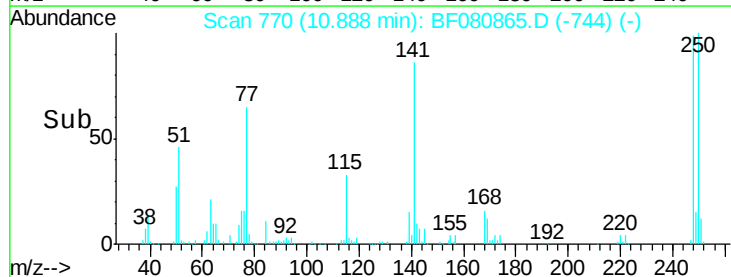
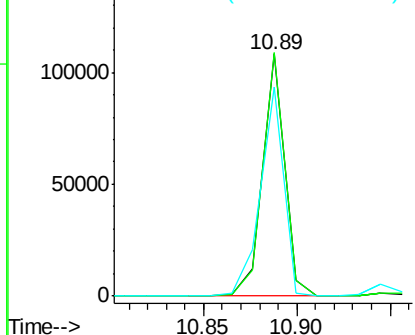


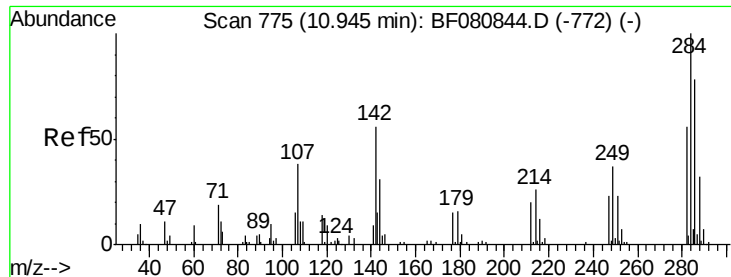
#66
 4-Bromophenyl-phenylether
 Concen: 47.11 ng
 RT: 10.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion:248 Resp: 87934
 Ion Ratio Lower Upper
 248 100
 250 100.7 77.2 115.8
 141 86.3 61.4 92.0



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

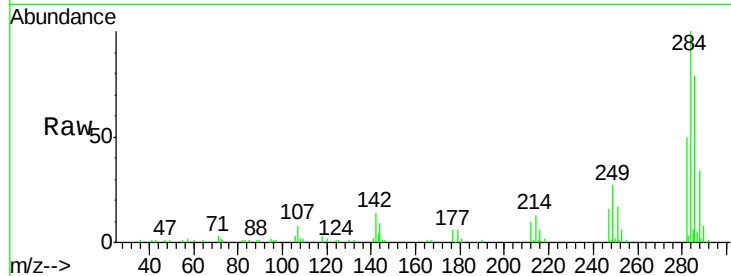




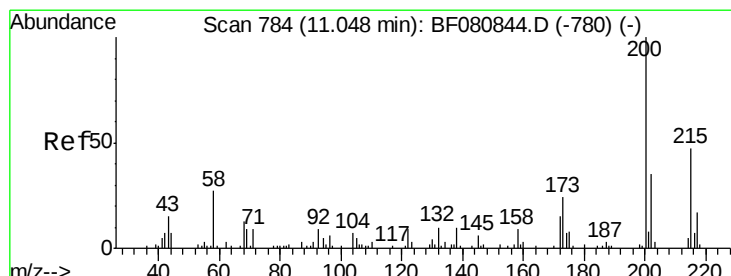
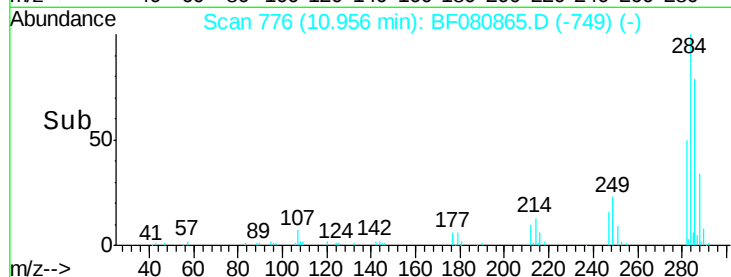
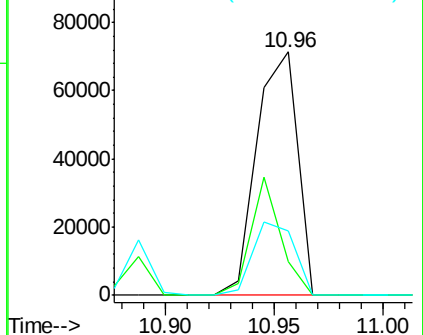
#67
Hexachlorobenzene
Concen: 45.89 ng
RT: 10.96 min Scan# 776
Delta R.T. 0.01 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

Instrument :
BNA_F
ClientSampleId :
TU021-SB-20-14MSD

Tot Ion:284 Resp: 93554
Ion Ratio Lower Upper
284 100
142 13.9 44.4 66.6#
249 26.7 29.3 43.9#

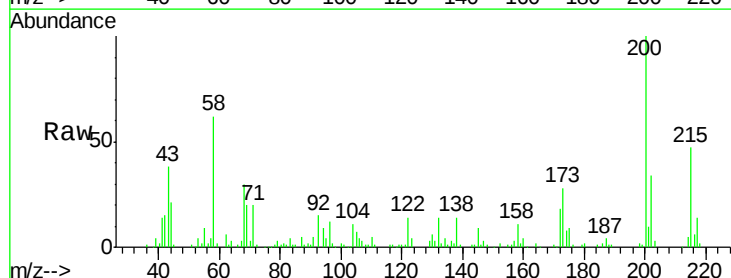


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

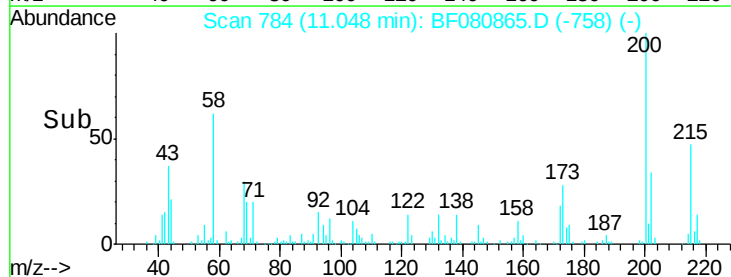
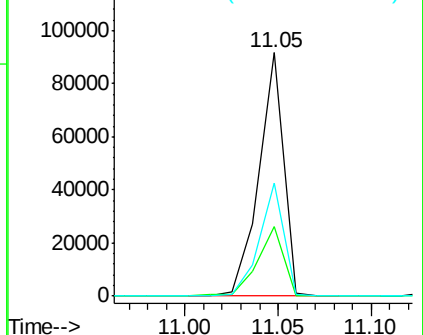


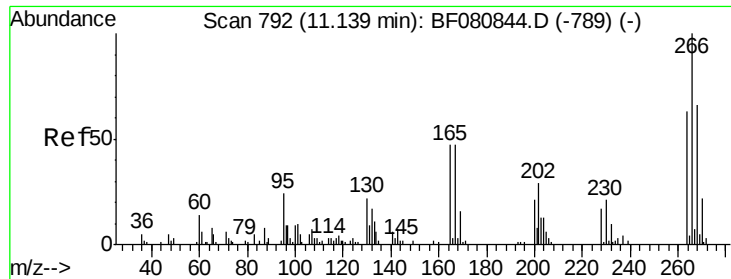
#68
Atrazine
Concen: 49.54 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

Tgt Ion:200 Resp: 83313
Ion Ratio Lower Upper
200 100
173 28.3 4.8 44.8
215 46.6 27.1 67.1



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

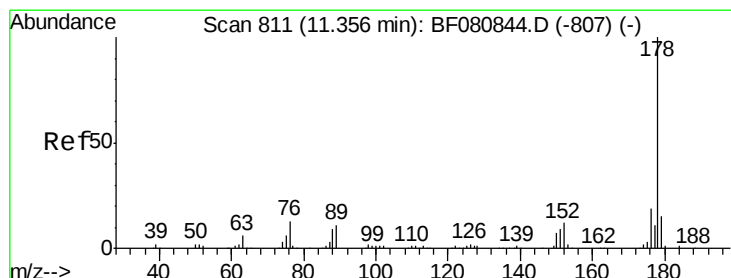
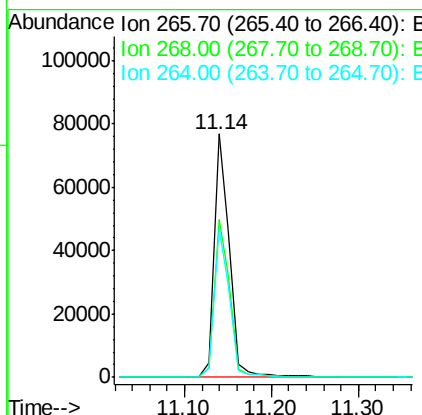
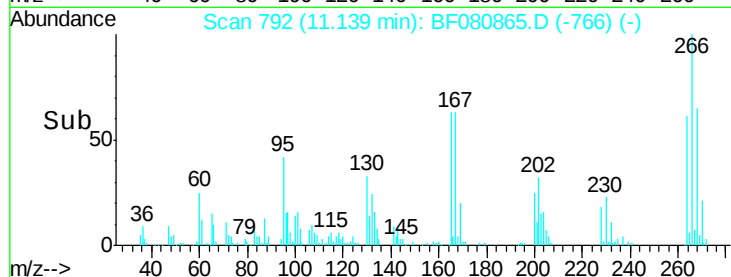
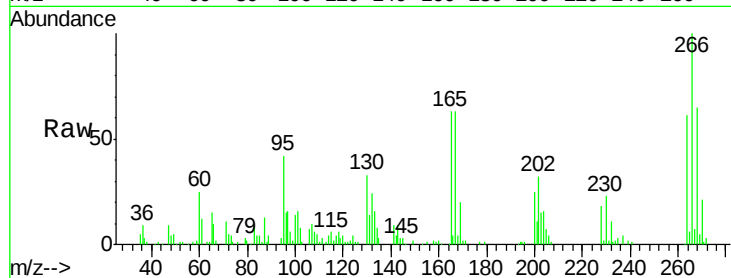




#69
 Pentachlorophenol
 Concen: 85.25 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

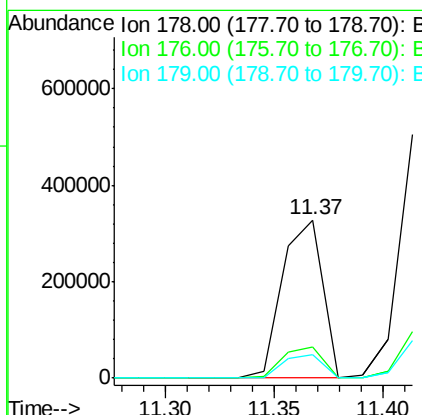
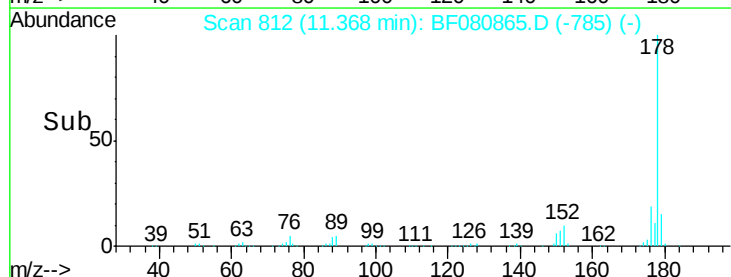
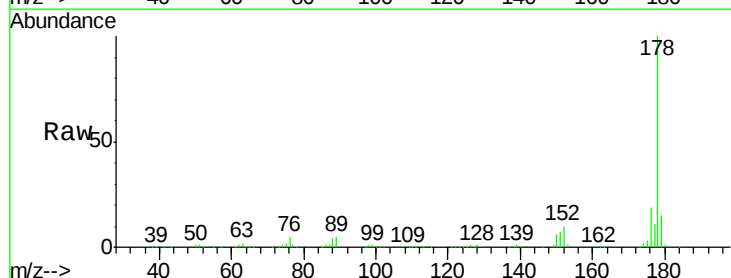
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

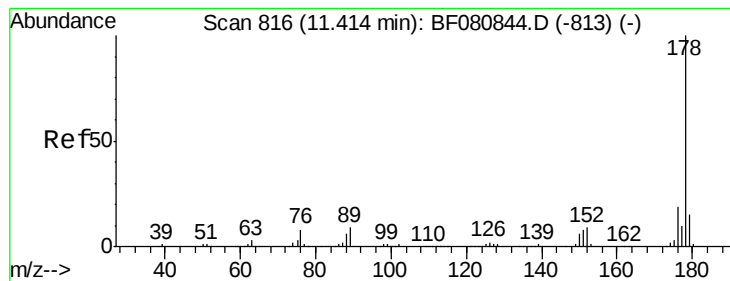
Tot Ion:266 Resp: 94699
 Ion Ratio Lower Upper
 266 100
 268 64.7 52.6 78.8
 264 61.1 50.7 76.1



#70
 Phenanthrene
 Concen: 43.72 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion:178 Resp: 425999
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.3 22.9
 179 14.8 12.3 18.5





#71

Anthracene

Concen: 45.20 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

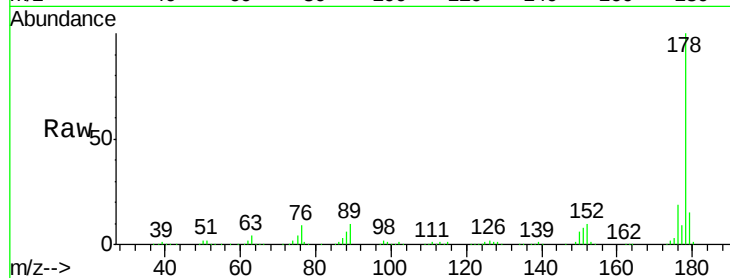
Tot Ion:178 Resp: 427953

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

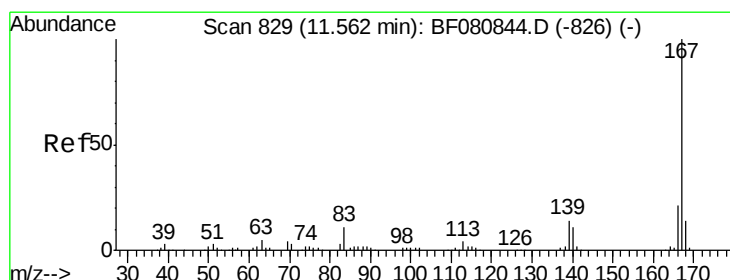
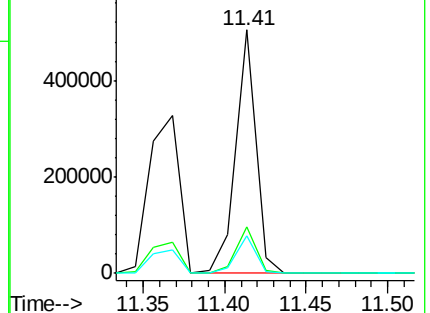
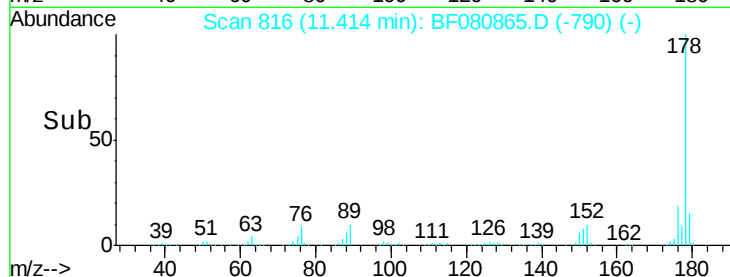
179 15.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.48 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

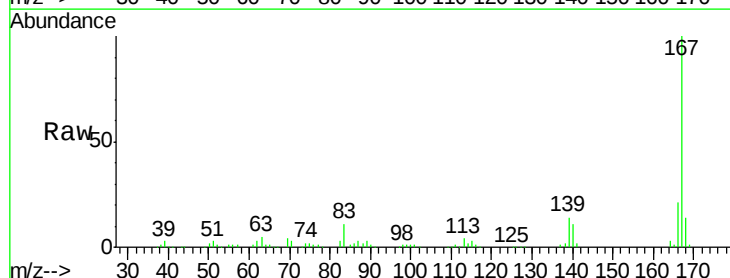
Tgt Ion:167 Resp: 370402

Ion Ratio Lower Upper

167 100

166 20.9 16.6 25.0

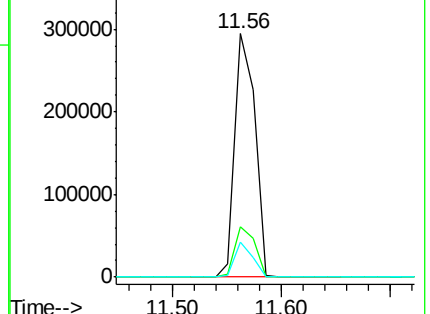
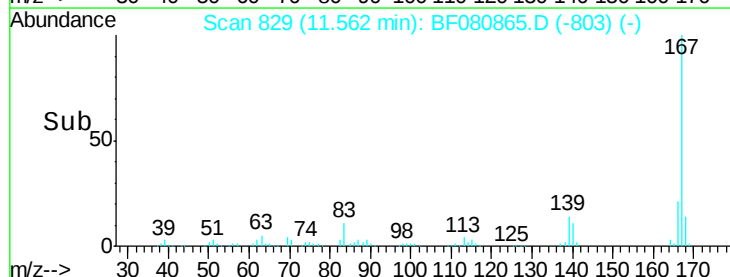
139 14.2 11.3 16.9

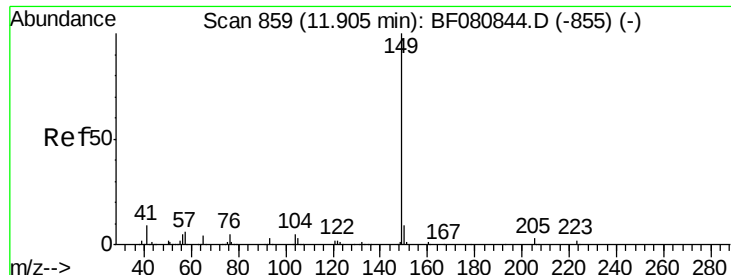


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.85 ng

RT: 11.90 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

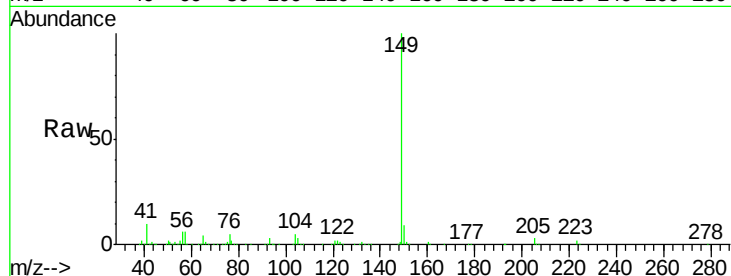
Tot Ion:149 Resp: 506000

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

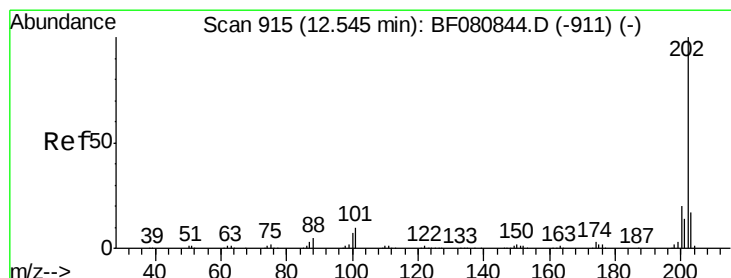
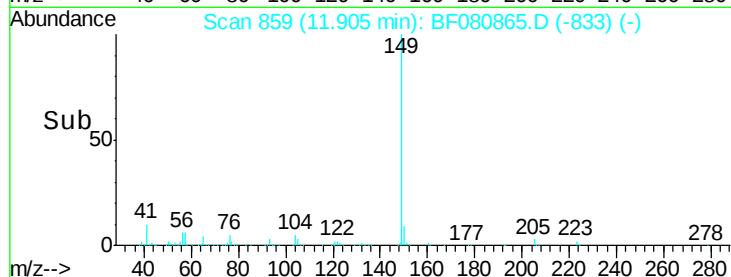
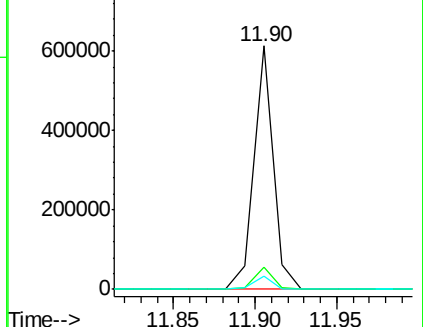
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.05 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

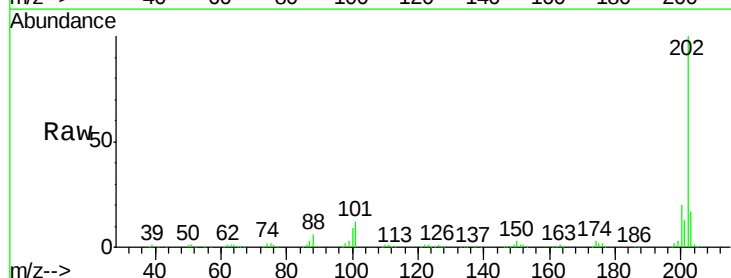
Tgt Ion:202 Resp: 399084

Ion Ratio Lower Upper

202 100

101 11.6 0.0 29.9

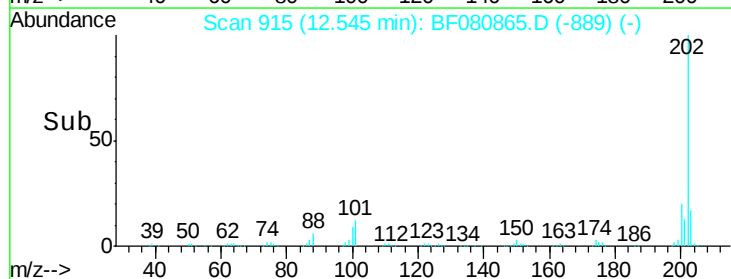
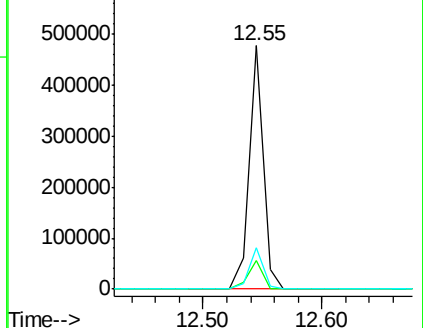
203 17.2 0.0 37.4

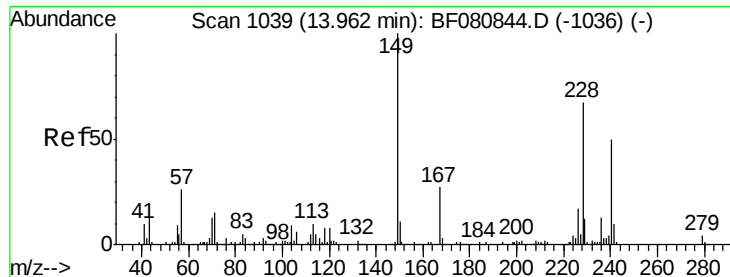


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

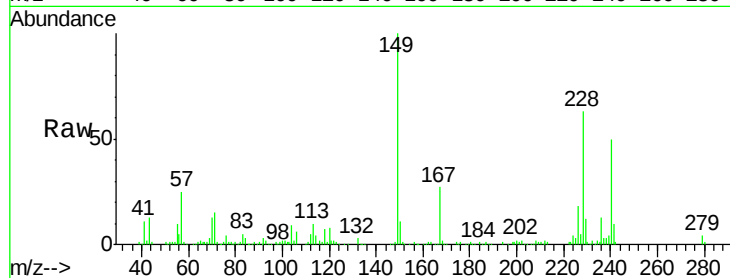
Tot Ion:240 Resp: 95970

Ion Ratio Lower Upper

240 100

120 15.0 13.0 19.6

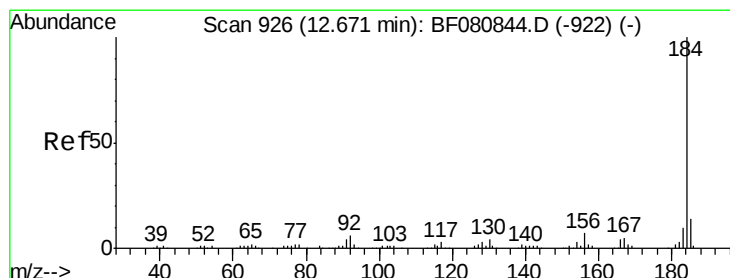
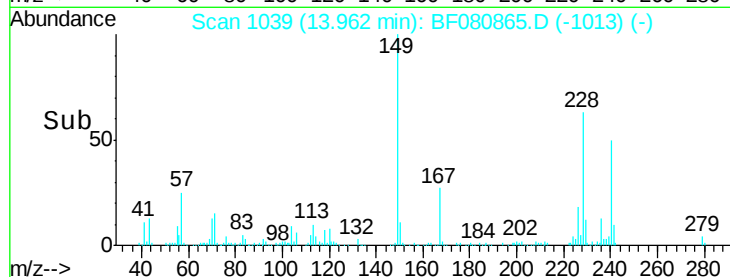
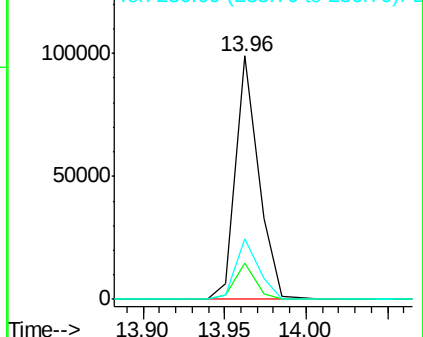
236 25.1 20.7 31.1



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: 18.86 ng

RT: 12.67 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

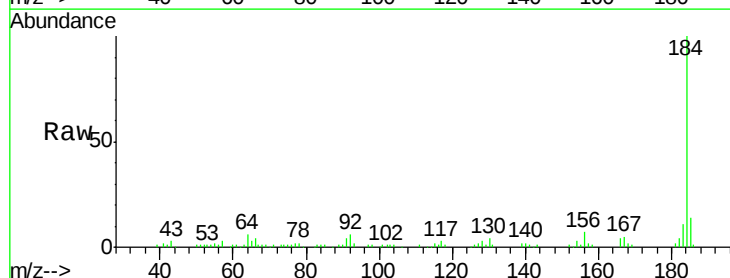
Tgt Ion:184 Resp: 87599

Ion Ratio Lower Upper

184 100

185 13.7 11.4 17.2

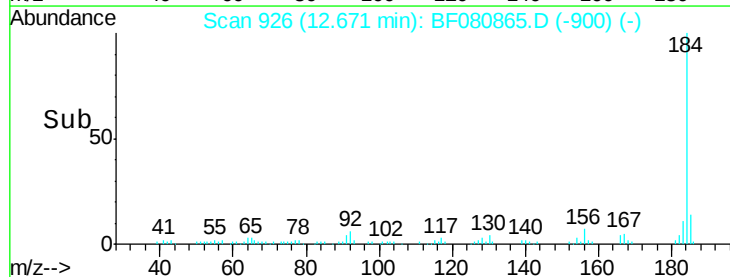
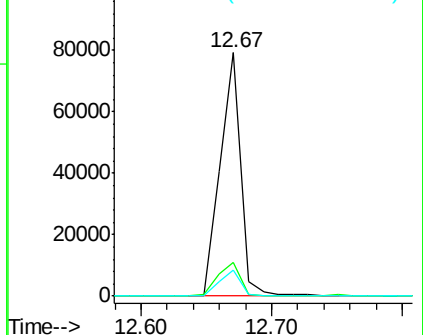
183 10.7 8.4 12.6

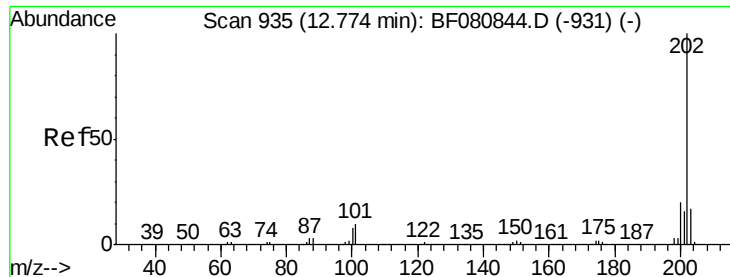


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

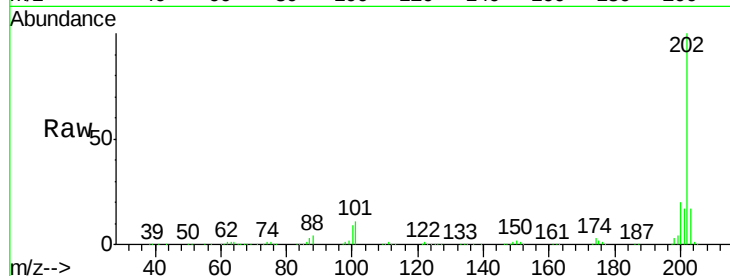




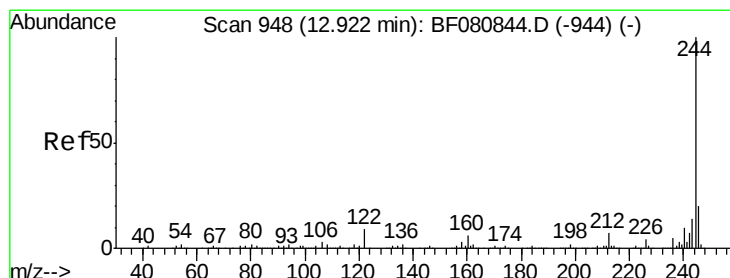
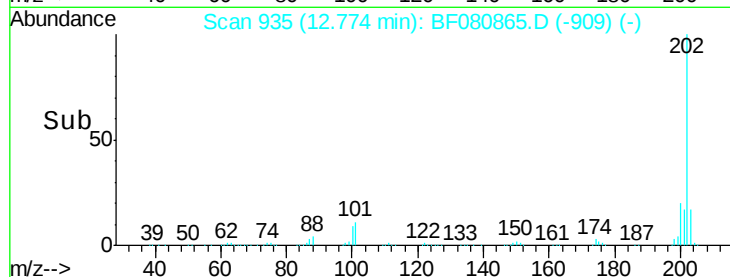
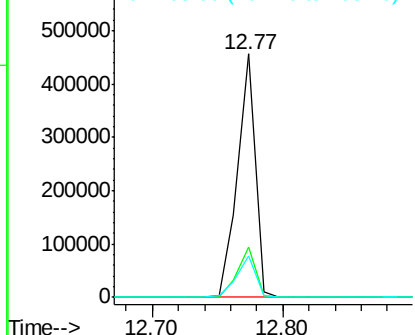
#77
 Pvrene
 Concen: 50.02 ng
 RT: 12.77 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.1	24.1
203	17.2	13.6	20.4

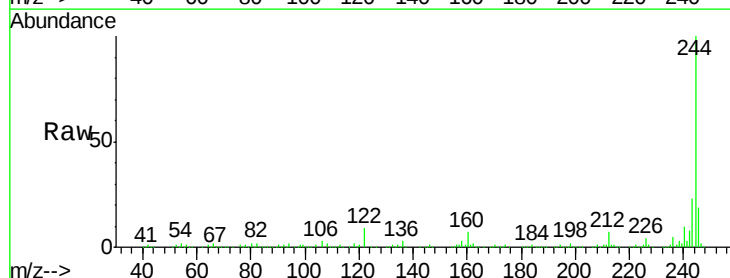


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

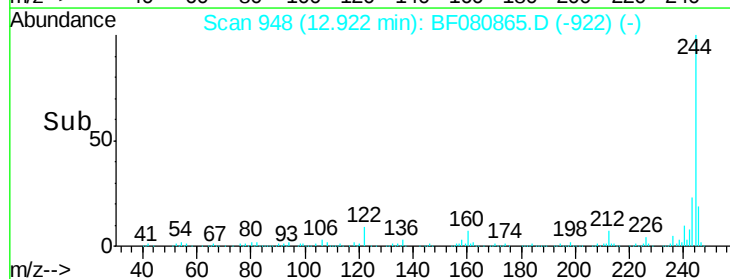
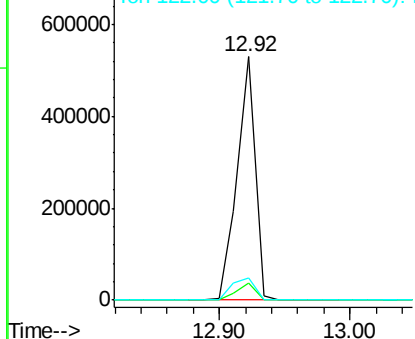


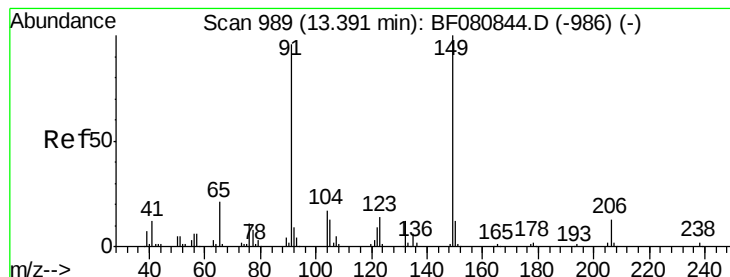
#78
 Terphenyl-d14
 Concen: 95.33 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	8.9	7.1	10.7



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: 51.94 ng

RT: 13.39 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

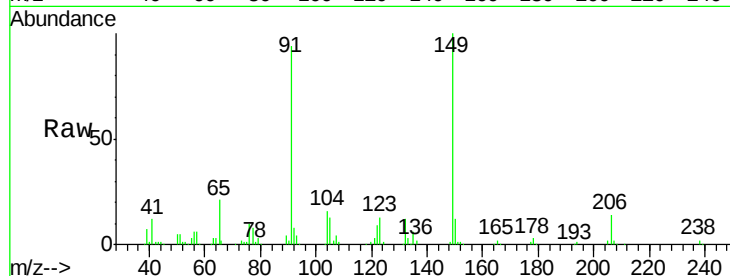
Tot Ion:149 Resp: 182865

Ion Ratio Lower Upper

149 100

91 93.9 76.4 114.6

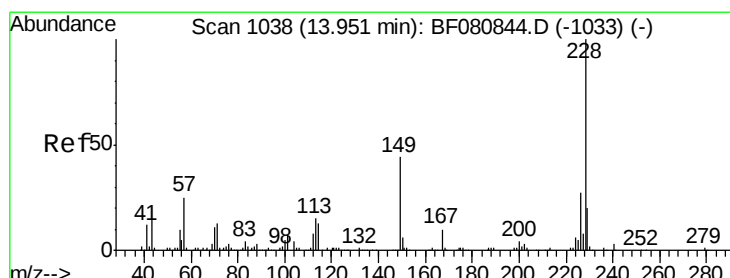
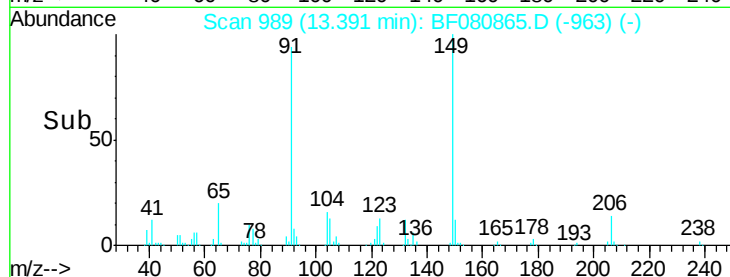
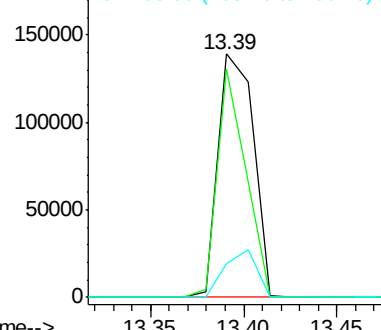
206 13.6 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.46 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

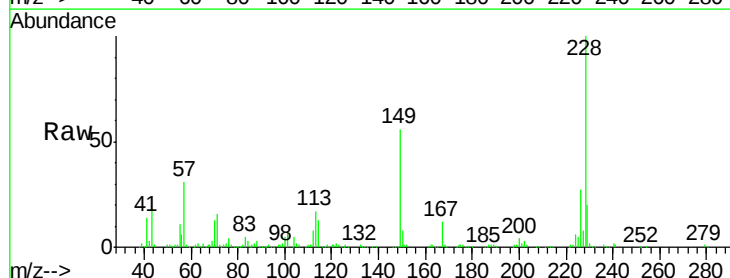
Tgt Ion:228 Resp: 285416

Ion Ratio Lower Upper

228 100

226 27.0 21.5 32.3

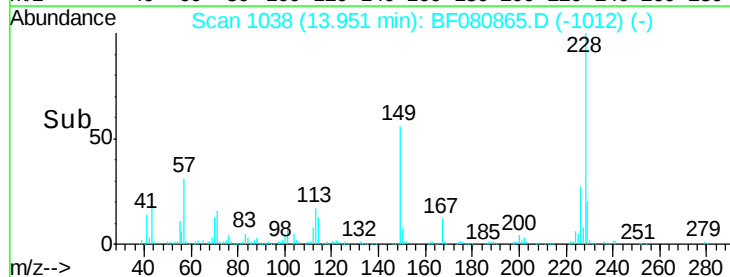
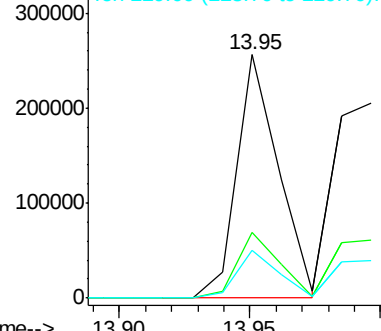
229 19.7 16.2 24.2

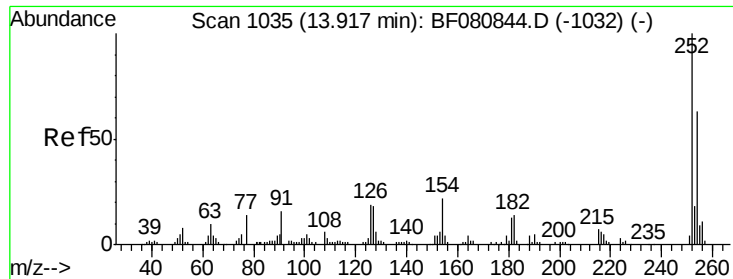


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

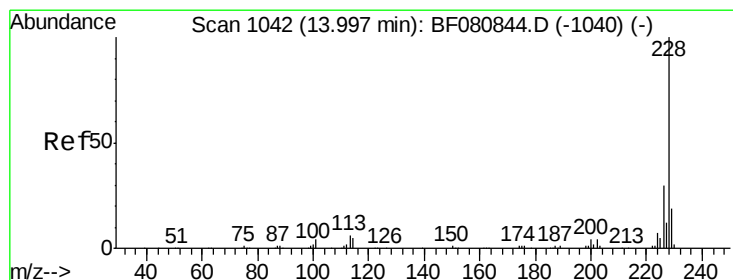
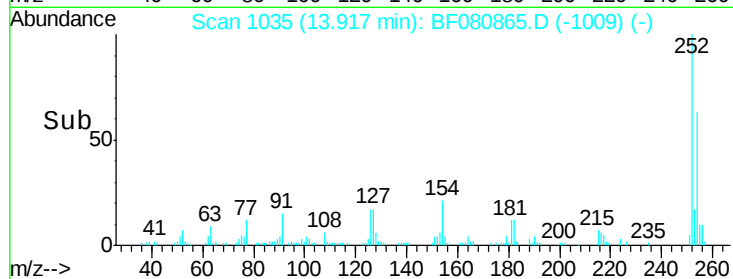
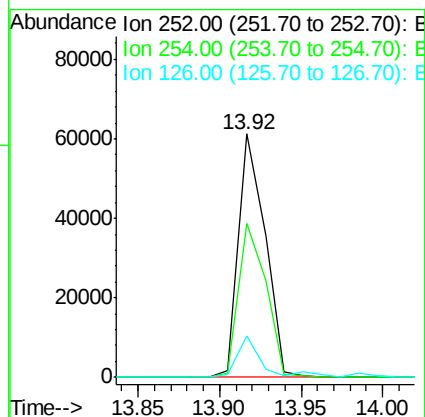
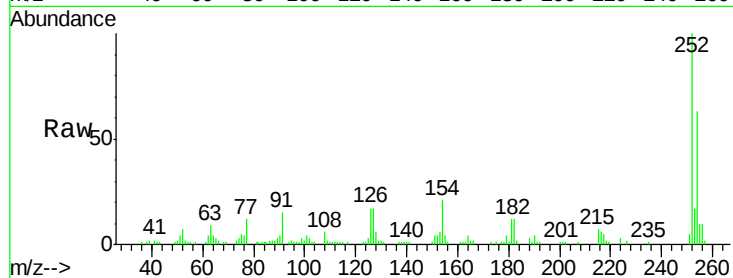




#81
 3,3'-Dichlorobenzidine
 Concen: 28.76 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

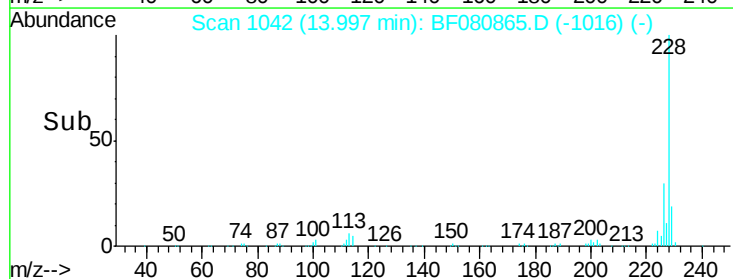
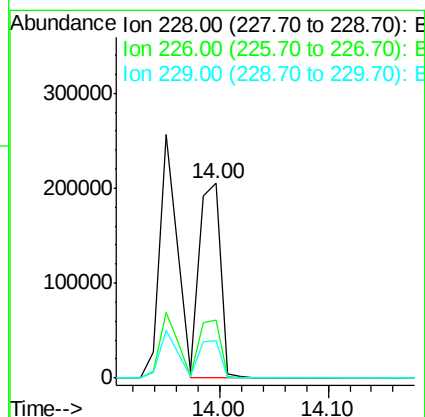
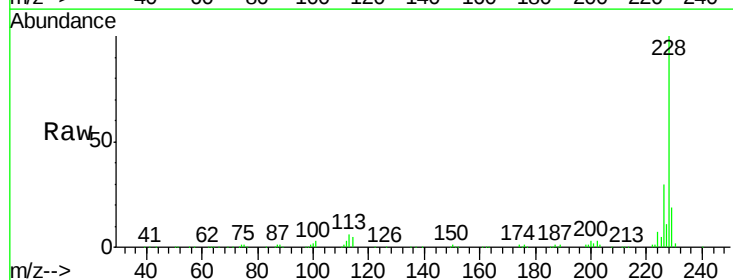
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

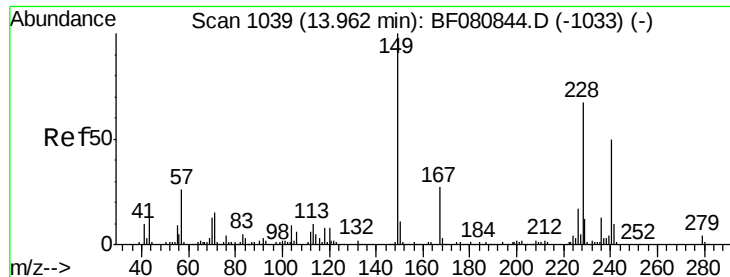
Tot Ion:	252	Resp:	68597
Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.3	75.5
126	16.8	15.1	22.7



#82
 Chrysene
 Concen: 42.67 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion:	228	Resp:	279159
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.6	35.4
229	19.3	15.1	22.7

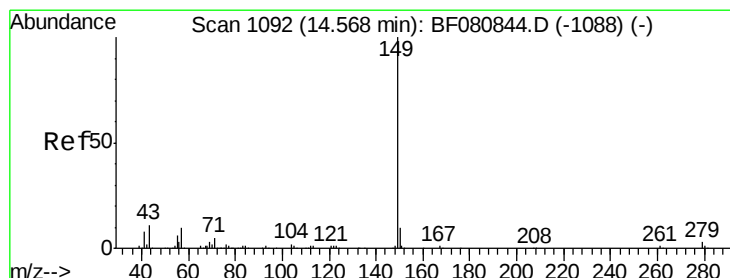
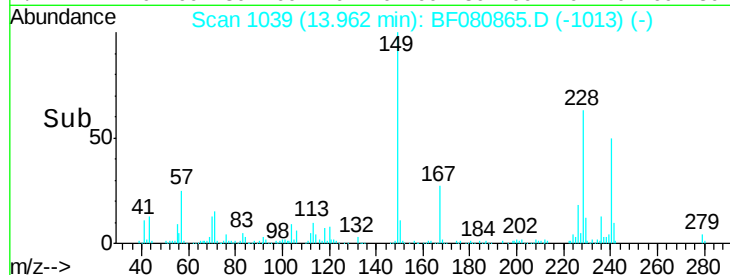
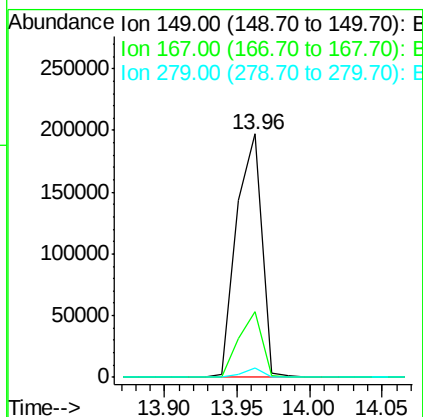
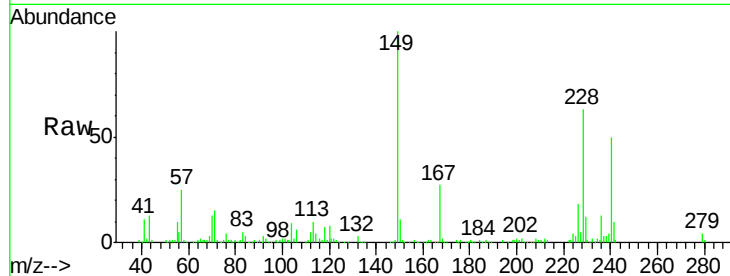




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.78 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

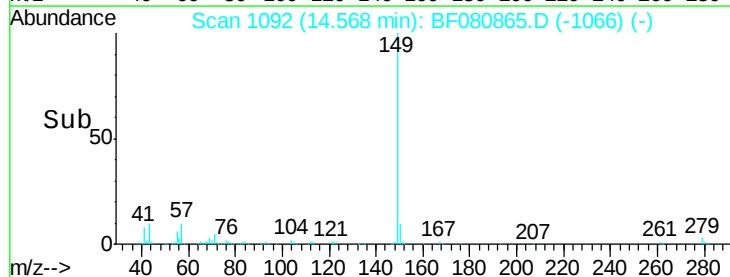
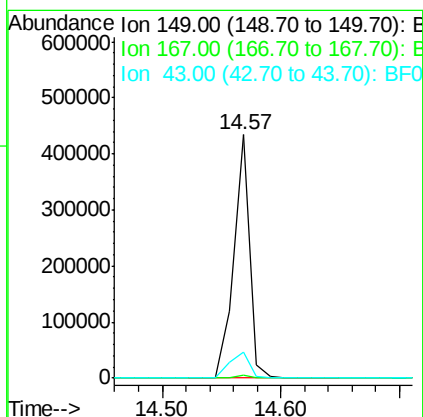
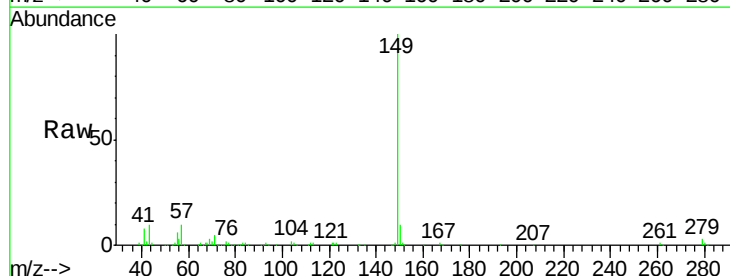
Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

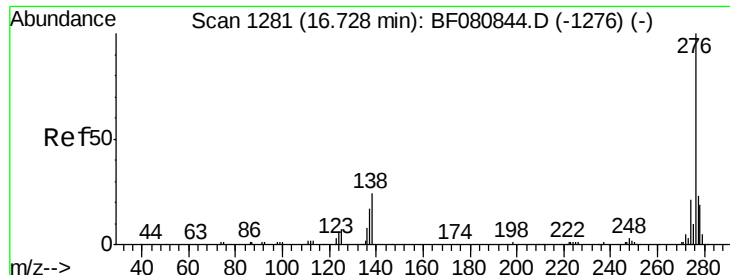
Tot Ion:149 Resp: 238738
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.8 32.8
 279 4.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 50.77 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion:149 Resp: 401226
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 13.1 10.3 15.5

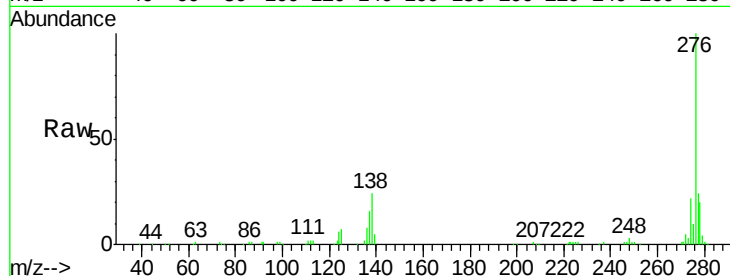




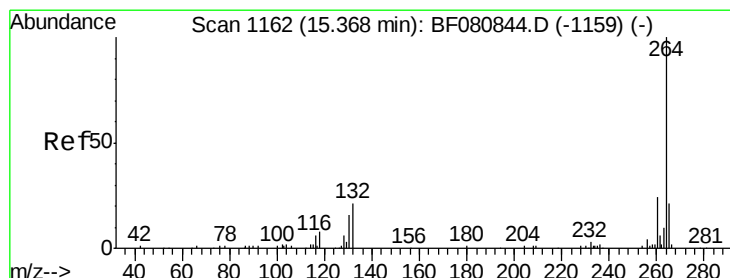
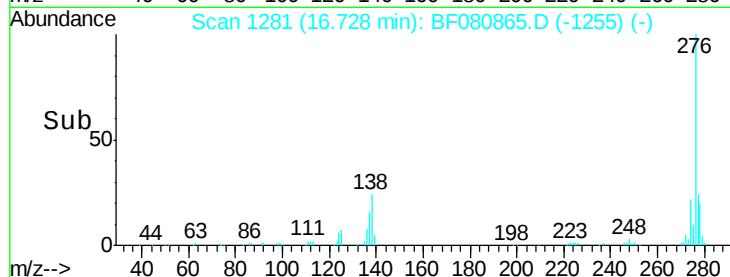
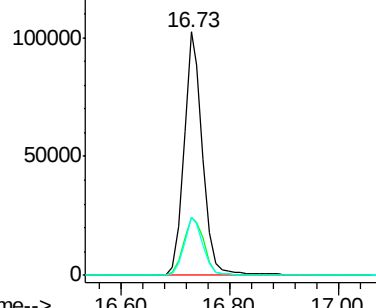
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.88 ng
 RT: 16.73 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.6	32.4
277	24.3	19.6	29.4

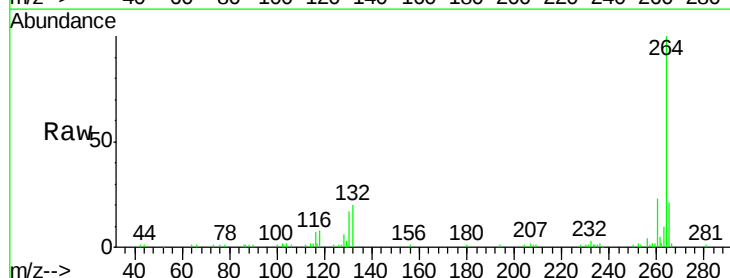


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

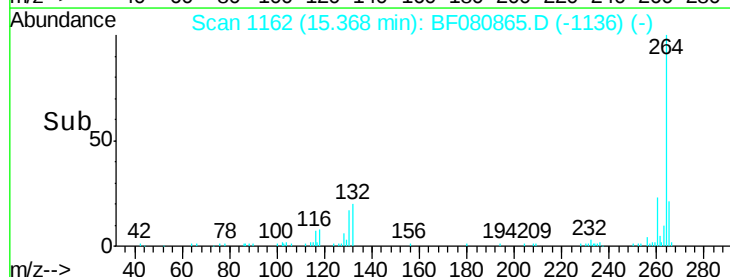
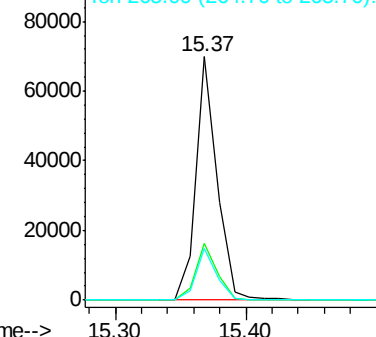


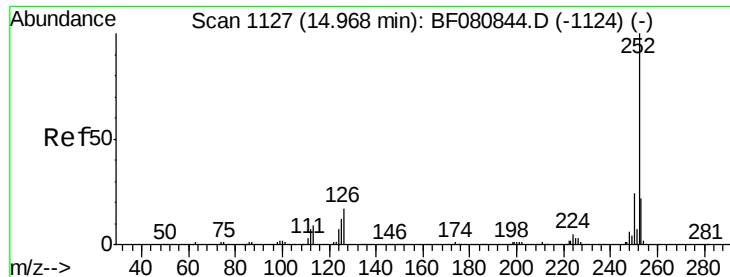
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.0	16.8	25.2



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

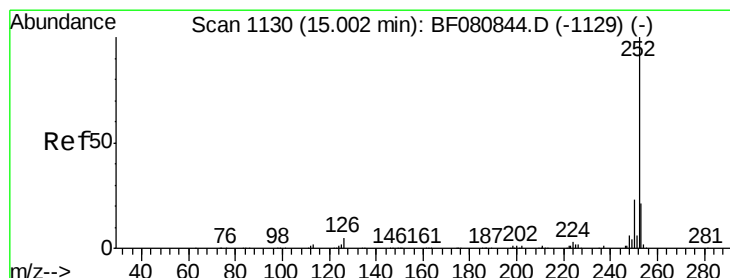
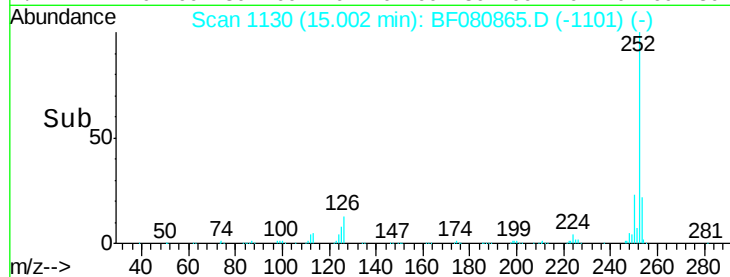
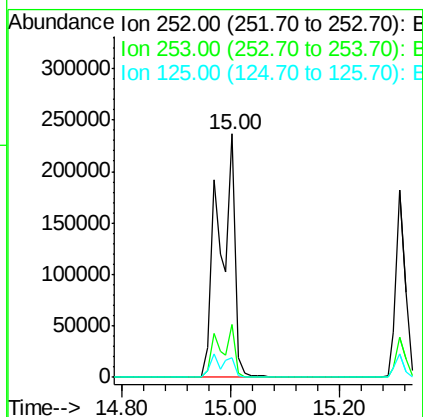
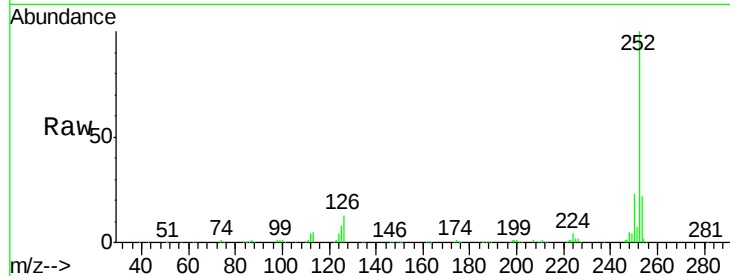




#87
Benzo(b)fluoranthene
Concen: 83.31 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.03 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

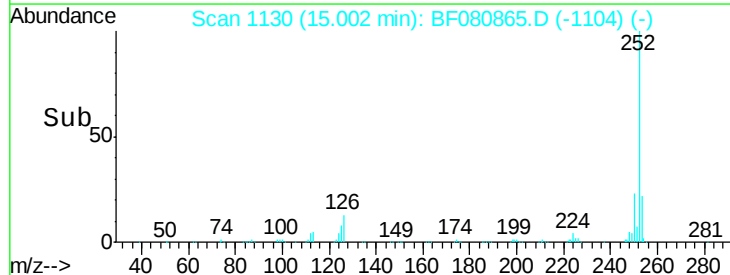
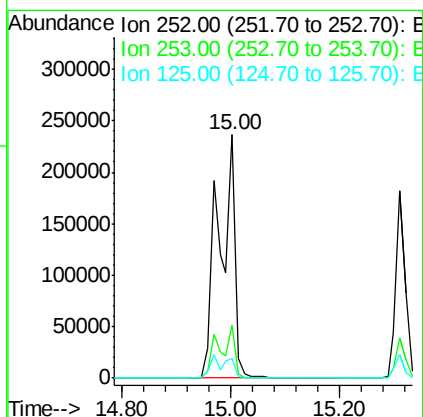
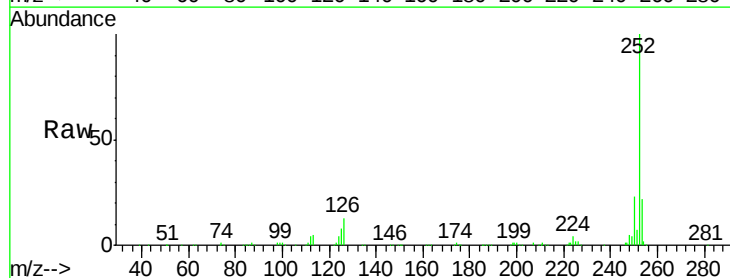
Instrument :
BNA_F
ClientSampleId :
TU021-SB-20-14MSD

Tot Ion:252 Resp: 488781
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.2 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 108.23 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF080865.D
Acq: 5 Aug 2015 6:04

Tgt Ion:252 Resp: 488781
Ion Ratio Lower Upper
252 100
253 21.8 16.9 25.3
125 8.2 7.0 10.6





#89

Benzo(a)pyrene

Concen: 46.90 ng

RT: 15.31 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

Instrument :

BNA_F

ClientSampleId :

TU021-SB-20-14MSD

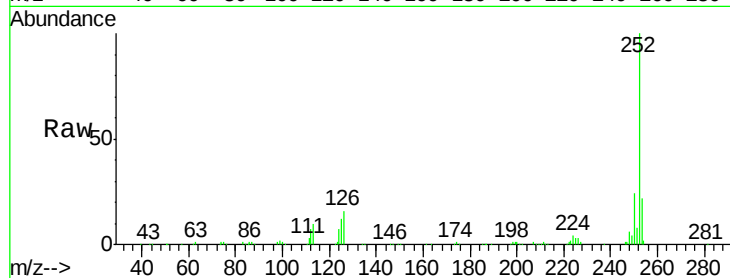
Tot Ion:252 Resp: 224597

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

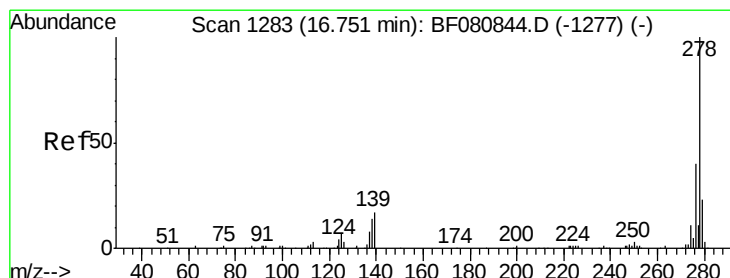
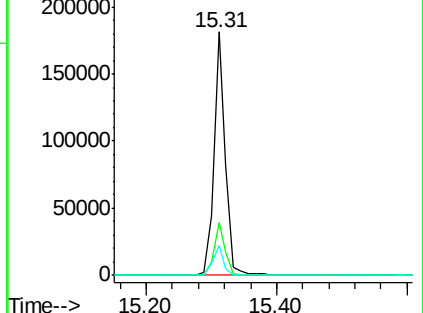
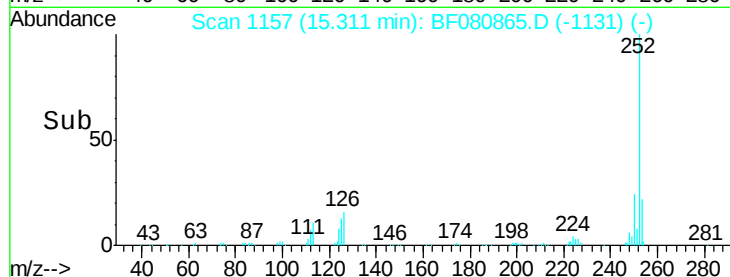
125 12.3 10.6 16.0



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: 49.33 ng

RT: 16.75 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF080865.D

Acq: 5 Aug 2015 6:04

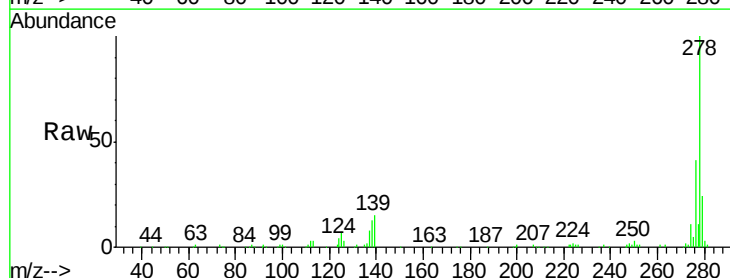
Tgt Ion:278 Resp: 205217

Ion Ratio Lower Upper

278 100

139 15.3 13.4 20.0

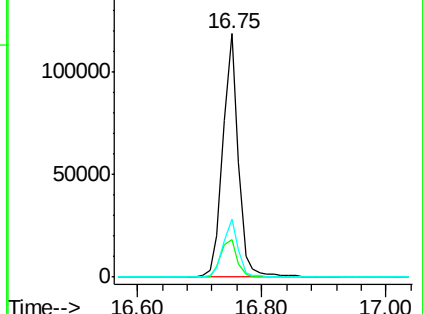
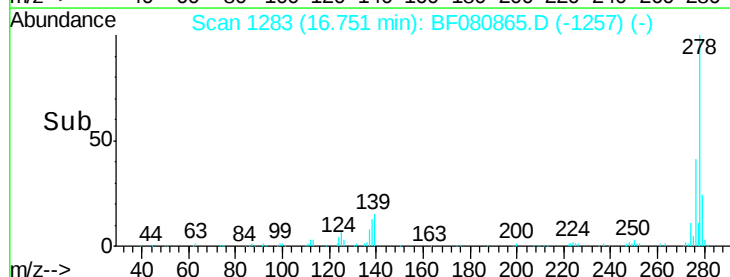
279 23.9 18.4 27.6

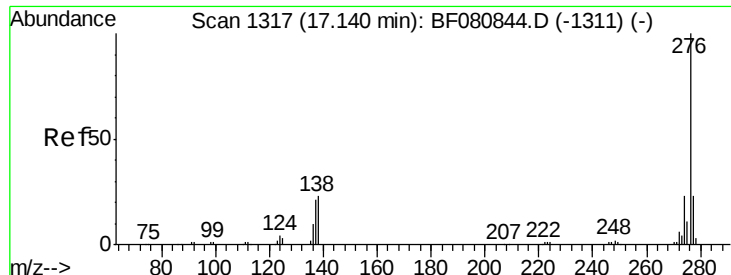


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

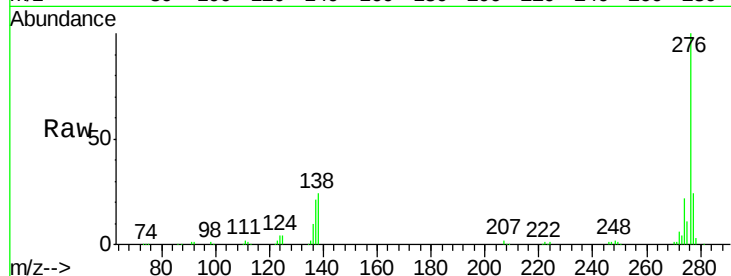




#91
 Benzo(a,h,i)perylene
 Concen: 53.04 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF080865.D
 Acq: 5 Aug 2015 6:04

Instrument :
 BNA_F
 ClientSampleId :
 TU021-SB-20-14MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	23.8	18.8	28.2



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

