

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081088.D
 Acq On : 19 Aug 2015 18:49
 Operator : UM/IZ
 Sample : PB85067BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:48:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	60298	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	247716	20.00	ng	-0.03
38) Acenaphthene-d10	9.62	164	117937	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	223923	20.00	ng	-0.04
75) Chrysene-d12	13.72	240	174261	20.00	ng	-0.03
86) Perylene-d12	15.04	264	164060	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	427904	106.74	ng	-0.02
7) Phenol-d6	6.24	99	608260	116.29	ng	-0.02
23) Nitrobenzene-d5	7.16	82	401649	74.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	127536	124.75	ng	-0.03
44) 2-Fluorobiphenyl	8.96	172	682872	75.87	ng	-0.03
78) Terphenyl-d14	12.68	244	606686	74.64	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.08	88	54794	29.01	ng	95
3) Pyridine	2.70	79	182111	34.15	ng	# 82
4) n-Nitrosodimethylamine	2.65	42	102848	34.64	ng	# 79
6) Aniline	6.25	93	163717	21.53	ng	# 1
8) 2-Chlorophenol	6.37	128	168198	38.33	ng	91
9) Benzaldehyde	6.13	77	57061	16.92	ng	94
10) Phenol	6.25	94	254867	41.26	ng	88
11) bis(2-Chloroethyl)ether	6.33	93	169008	35.65	ng	91
12) 1,3-Dichlorobenzene	6.53	146	173629	36.83	ng	95
13) 1,4-Dichlorobenzene	6.61	146	182693	39.13	ng	97
14) 1,2-Dichlorobenzene	6.76	146	152905	34.99	ng	97
15) Benzyl Alcohol	6.74	79	162102	38.30	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.88	45	344917	37.03	ng	100
17) 2-Methylphenol	6.87	107	148130	39.34	ng	93
18) Hexachloroethane	7.10	117	67434	35.75	ng	94
19) n-Nitroso-di-n-propylamine	7.02	70	132877	36.67	ng	92
20) 3+4-Methylphenols	7.02	107	173792	36.37	ng	# 59
22) Acetophenone	7.01	105	245074	37.68	ng	# 89
24) Nitrobenzene	7.18	77	203828	35.95	ng	98
25) Isophorone	7.42	82	365151	36.11	ng	99
26) 2-Nitrophenol	7.50	139	95541	40.52	ng	# 70
27) 2,4-Dimethylphenol	7.54	122	158062	37.89	ng	95
28) bis(2-Chloroethoxy)methane	7.65	93	232038	38.84	ng	98
29) 2,4-Dichlorophenol	7.74	162	129924	37.00	ng	89
30) 1,2,4-Trichlorobenzene	7.82	180	134373	34.43	ng	96
31) Naphthalene	7.90	128	518478	37.55	ng	99
32) Benzoic acid	7.68	122	127634	54.40	ng	92
33) 4-Chloroaniline	7.96	127	76347	13.10	ng	# 86
34) Hexachlorobutadiene	8.02	225	83717	37.93	ng	99
35) Caprolactam	8.33	113	32677	26.62	ng	# 80
36) 4-Chloro-3-methylphenol	8.45	107	163075	38.96	ng	99
37) 2-Methylnaphthalene	8.58	142	306431	35.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	132578	34.84	ng	# 97
40) Hexachlorocyclopentadiene	8.74	237	155402	78.90	ng	97

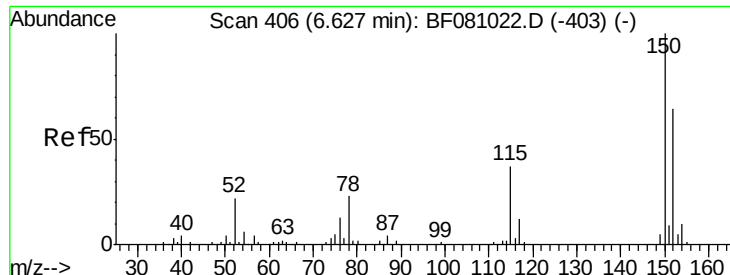
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081088.D
 Acq On : 19 Aug 2015 18:49
 Operator : UM/IZ
 Sample : PB85067BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:48:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	100955	37.55	nq	98
43) 2,4,5-Trichlorophenol	8.92	196	100824	37.53	nq	96
45) 1,1'-Biphenyl	9.05	154	379842	36.56	nq	97
46) 2-Chloronaphthalene	9.08	162	297583	35.66	nq	96
47) 2-Nitroaniline	9.18	65	128746	37.70	nq	# 64
48) Acenaphthylene	9.49	152	528885	35.43	nq	99
49) Dimethylphthalate	9.36	163	336207	34.61	nq	99
50) 2,6-Dinitrotoluene	9.42	165	70645	33.88	nq	# 67
51) Acenaphthene	9.66	154	316123	35.37	nq	99
52) 3-Nitroaniline	9.58	138	44970	17.23	nq	96
53) 2,4-Dinitrophenol	9.69	184	90781	78.32	nq	85
54) Dibenzofuran	9.83	168	459775	38.39	nq	97
55) 4-Nitrophenol	9.76	139	135169	73.75	nq	# 80
56) 2,4-Dinitrotoluene	9.82	165	92496	33.46	nq	# 70
57) Fluorene	10.16	166	322227	34.97	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	82518	39.68	nq	95
59) Diethylphthalate	10.06	149	362024	35.21	nq	98
60) 4-Chlorophenyl-phenylether	10.16	204	142819	36.63	nq	94
61) 4-Nitroaniline	10.20	138	84565	31.71	nq	92
62) Azobenzene	10.32	77	444777	37.55	nq	97
64) 4,6-Dinitro-2-methylphenol	10.23	198	64218	48.02	nq	# 44
65) n-Nitrosodiphenylamine	10.29	169	309624	38.74	nq	99
66) 4-Bromophenyl-phenylether	10.65	248	89488	40.68	nq	# 87
67) Hexachlorobenzene	10.71	284	92728	41.62	nq	94
68) Atrazine	10.82	200	96916	43.52	nq	94
69) Pentachlorophenol	10.90	266	106311	79.53	nq	100
70) Phenanthrene	11.12	178	512931	38.65	nq	100
71) Anthracene	11.17	178	470697	36.45	nq	99
72) Carbazole	11.33	167	506433	40.73	nq	99
73) Di-n-butylphthalate	11.67	149	562944	37.42	nq	98
74) Fluoranthene	12.29	202	554378	38.71	nq	92
76) Benzidine	12.43	184	181637	27.59	nq	98
77) Pyrene	12.52	202	527443	37.23	nq	99
79) Butylbenzylphthalate	13.16	149	269468	44.25	nq	# 78
80) Benzo(a)anthracene	13.71	228	497772	42.59	nq	97
81) 3,3'-Dichlorobenzidine	13.67	252	113017	29.86	nq	98
82) Chrysene	13.74	228	479776	45.55	nq	100
83) Bis(2-ethylhexyl)phthalate	13.72	149	349556	44.82	nq	# 97
84) Di-n-octyl phthalate	14.32	149	605655	51.09	nq	99
85) Indeno(1,2,3-cd)pyrene	16.27	276	361169	48.84	nq	# 94
87) Benzo(b)fluoranthene	14.72	252	852665	73.48	nq	97
88) Benzo(k)fluoranthene	14.72	252	852665	78.85	nq	# 95
89) Benzo(a)pyrene	15.00	252	391078	38.68	nq	# 94
90) Dibenzo(a,h)anthracene	16.28	278	305177	38.73	nq	# 97
91) Benzo(g,h,i)perylene	16.62	276	290776	36.38	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.04 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

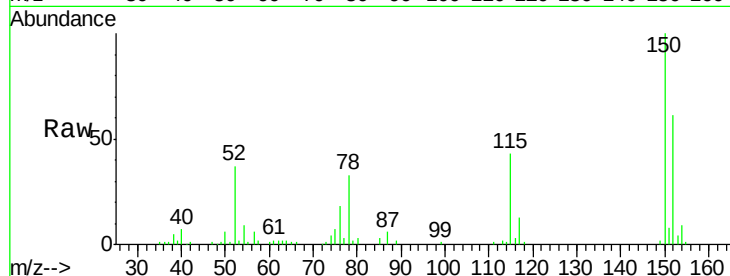
Tot Ion:152 Resp: 60298

Ion Ratio Lower Upper

152 100

150 163.1 123.8 185.6

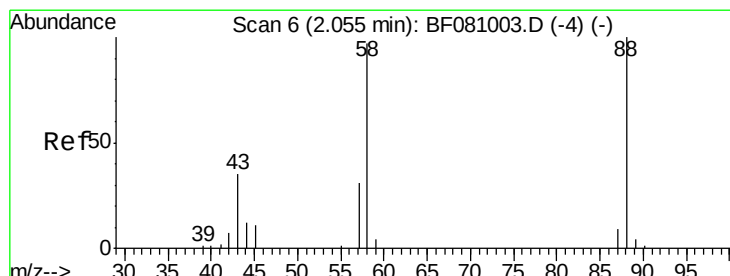
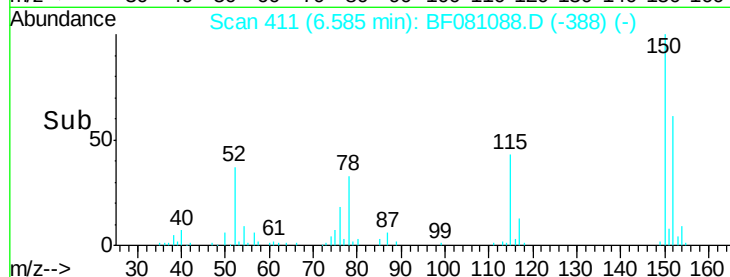
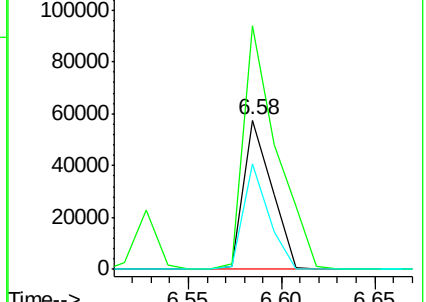
115 70.9 52.1 78.1



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: 29.01 ng

RT: 2.08 min Scan# 17

Delta R.T. 0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

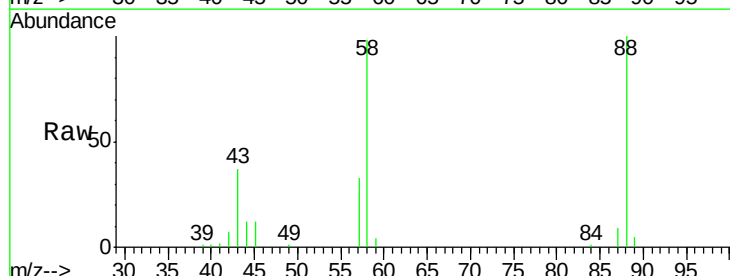
Tgt Ion: 88 Resp: 54794

Ion Ratio Lower Upper

88 100

58 101.5 83.7 125.5

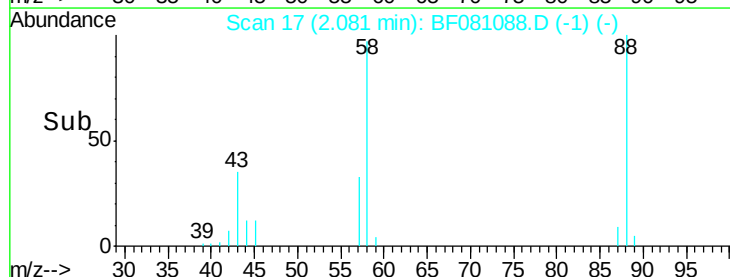
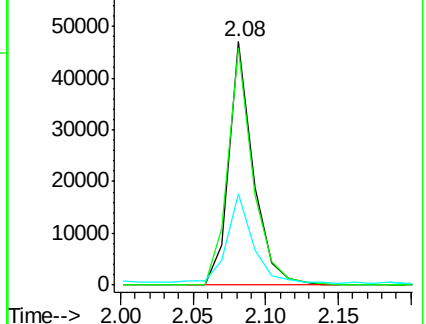
43 40.2 37.5 56.3

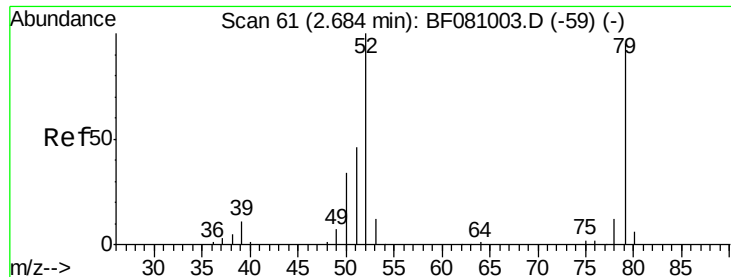


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

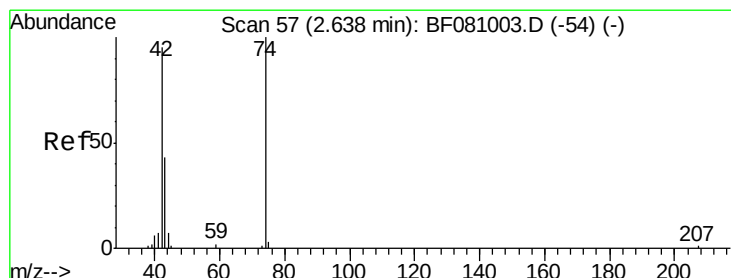
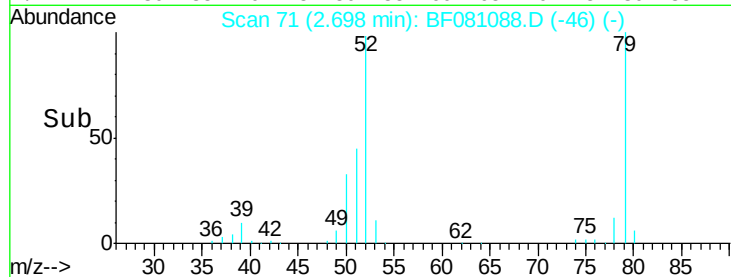
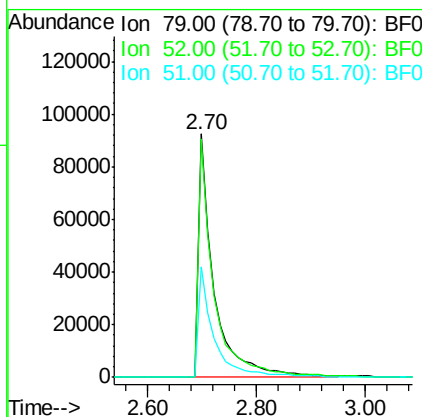
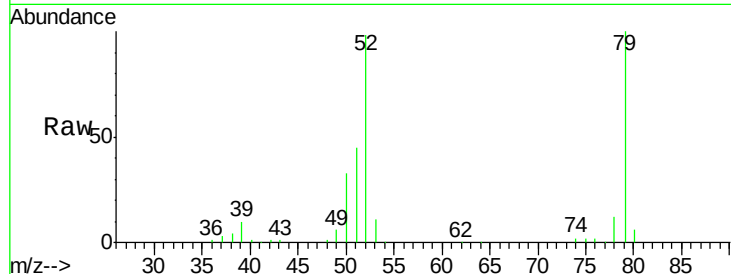




#3
 Pvridine
 Concen: 34.15 ng
 RT: 2.70 min Scan# 71
 Delta R.T. -0.02 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

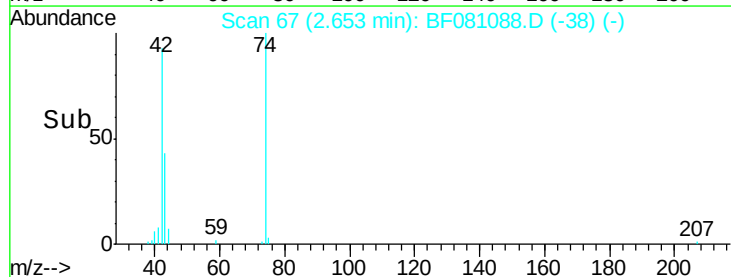
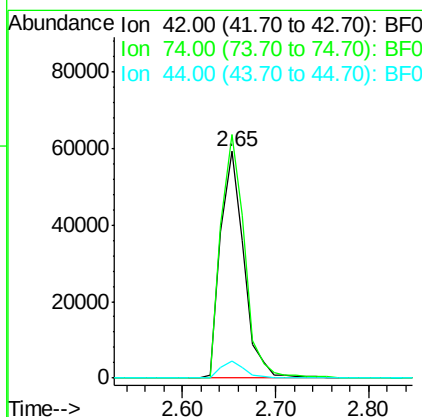
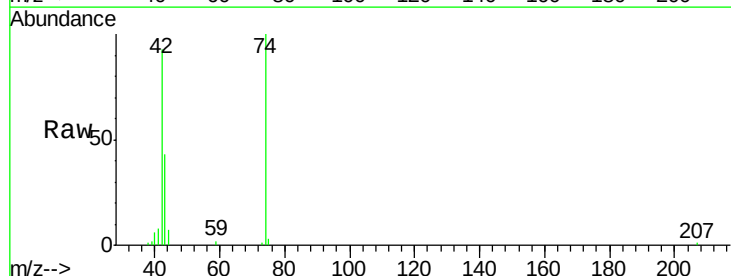
Instrument :
 BNA_F
 ClientSampleId :

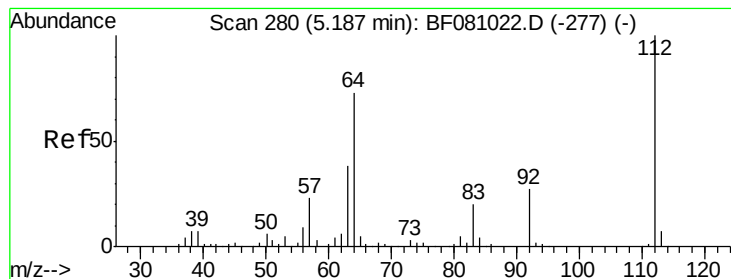
Tot Ion: 79 Resp: 182111
 Ion Ratio Lower Upper
 79 100
 52 98.1 95.1 142.7
 51 45.4 46.6 70.0#



#4
 n-Nitrosodimethylamine
 Concen: 34.64 ng
 RT: 2.65 min Scan# 67
 Delta R.T. 0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion: 42 Resp: 102848
 Ion Ratio Lower Upper
 42 100
 74 107.4 69.3 103.9#
 44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 106.74 ng

RT: 5.17 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampled :

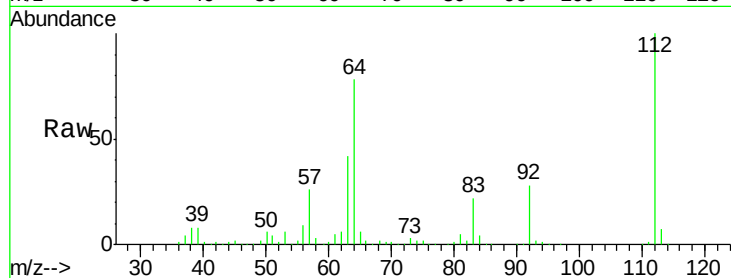
Tot Ion:112 Resp: 427904

Ion Ratio Lower Upper

112 100

64 78.1 66.9 100.3

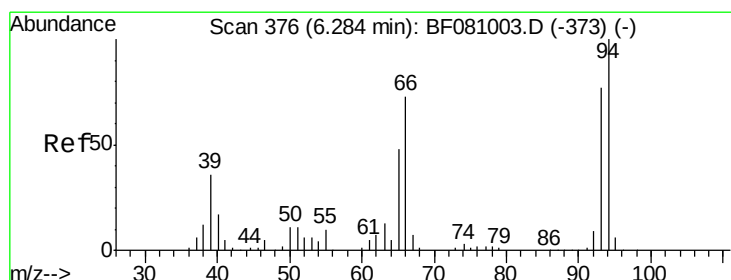
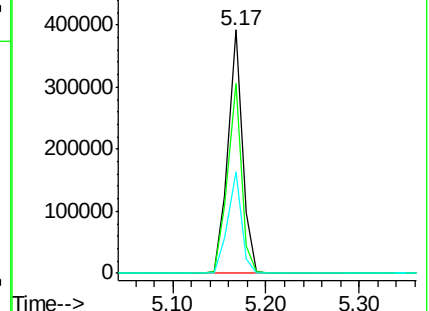
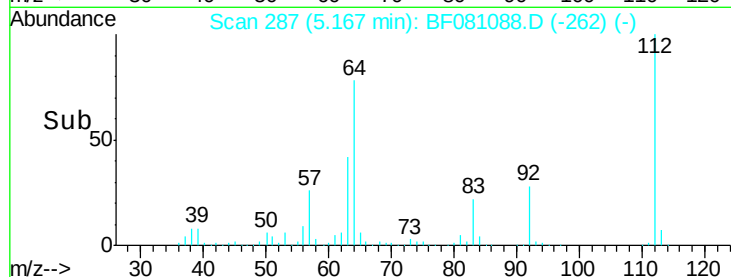
63 41.5 38.1 57.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.53 ng

RT: 6.25 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

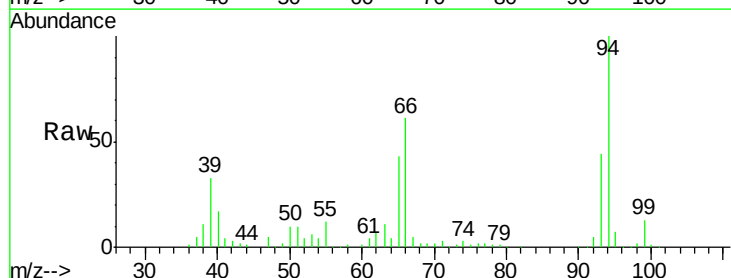
Tgt Ion: 93 Resp: 163717

Ion Ratio Lower Upper

93 100

66 139.1 35.6 53.4#

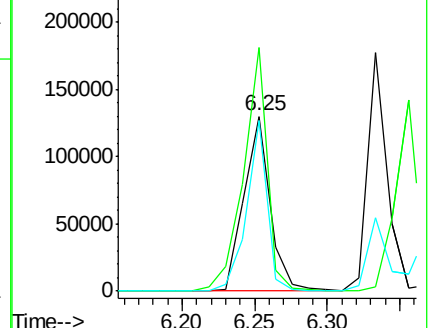
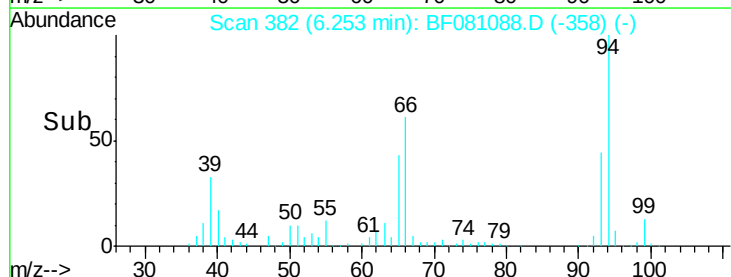
65 97.1 18.7 28.1#

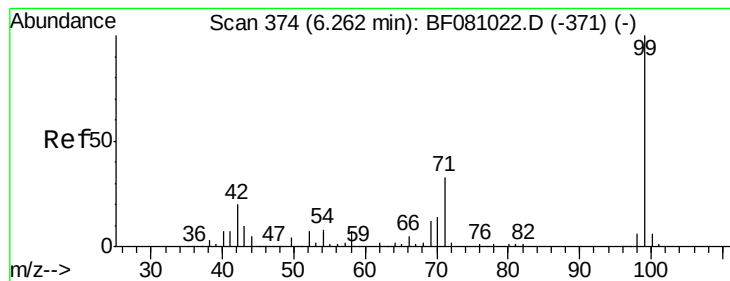


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.29 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

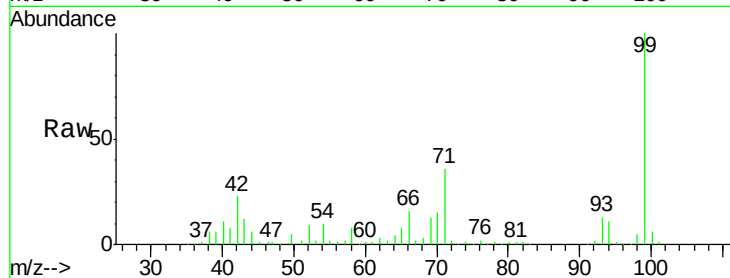
Tot Ion: 99 Resp: 608260

Ion Ratio Lower Upper

99 100

42 23.2 19.6 29.4

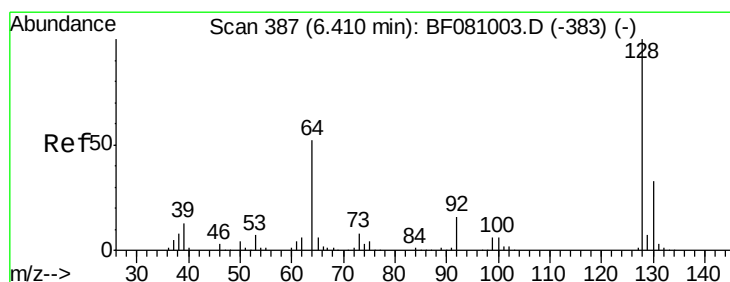
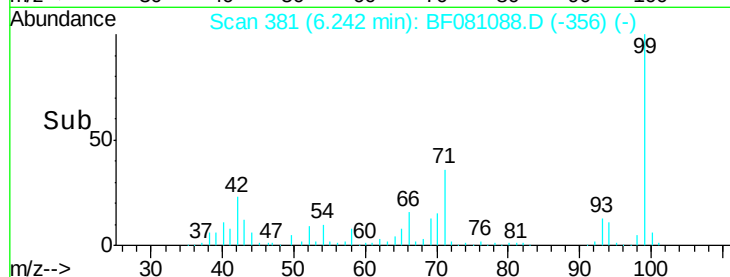
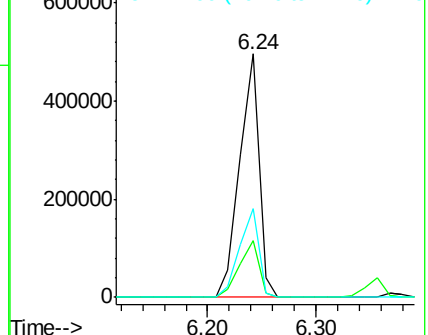
71 36.2 31.2 46.8



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: 38.33 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

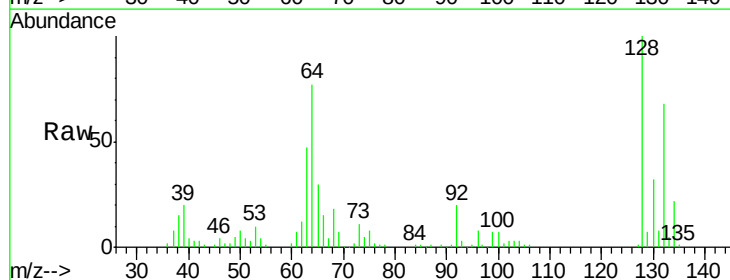
Tgt Ion:128 Resp: 168198

Ion Ratio Lower Upper

128 100

130 31.6 12.5 52.5

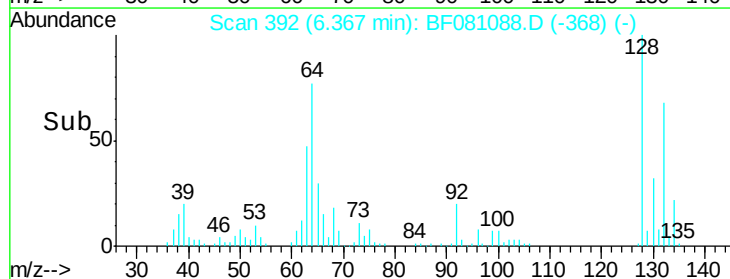
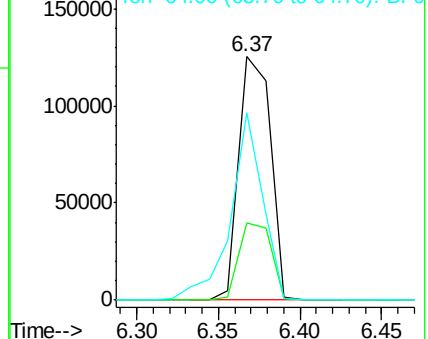
64 76.7 46.8 86.8

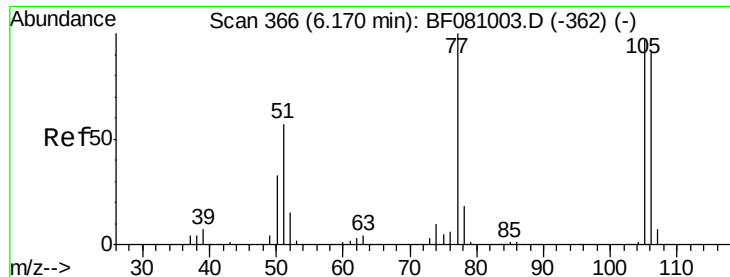


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.92 ng

RT: 6.13 min Scan# 371

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

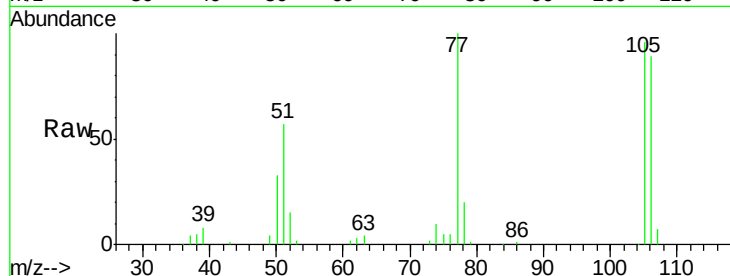
Tot Ion: 77 Resp: 57061

Ion Ratio Lower Upper

77 100

105 95.8 69.6 109.6

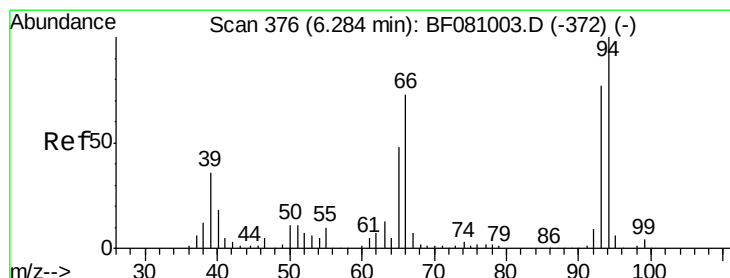
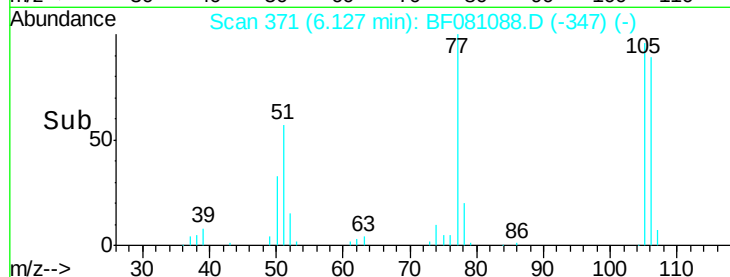
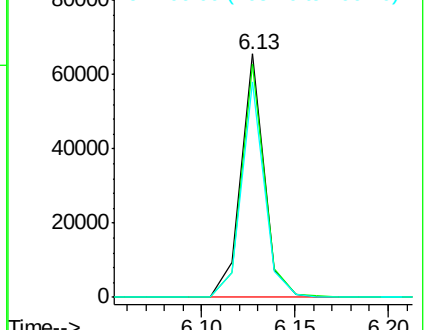
106 88.7 64.0 104.0



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: 41.26 ng

RT: 6.25 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

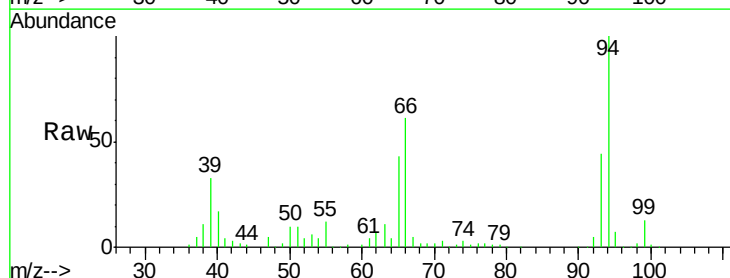
Tgt Ion: 94 Resp: 254867

Ion Ratio Lower Upper

94 100

65 42.6 28.4 68.4

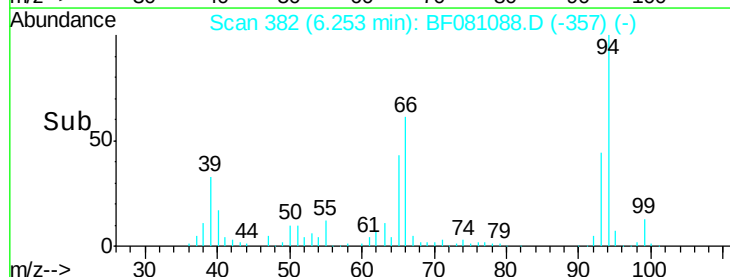
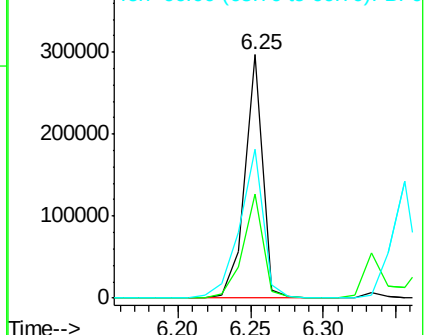
66 61.0 52.3 92.3

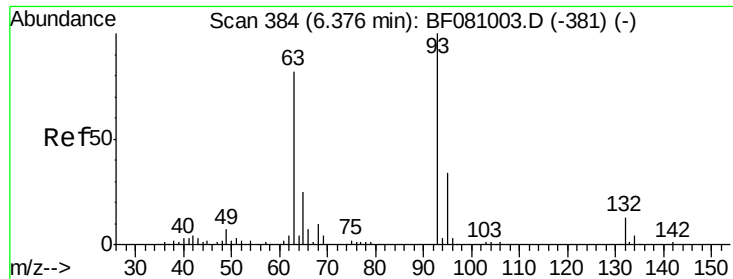


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

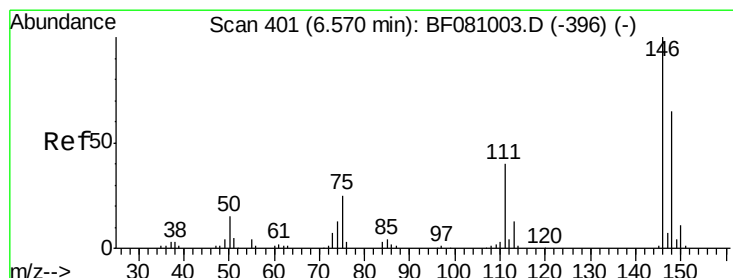
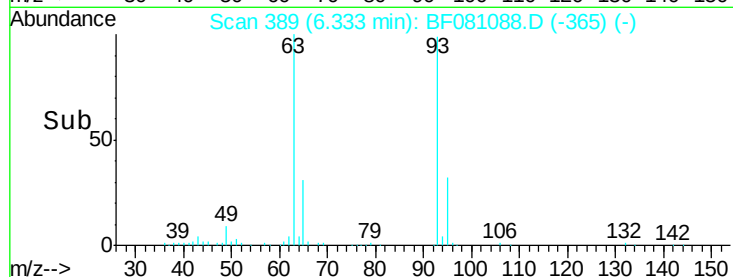
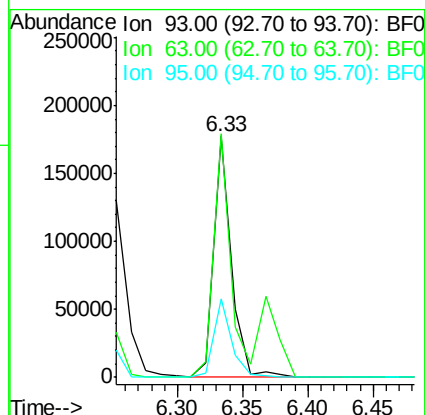
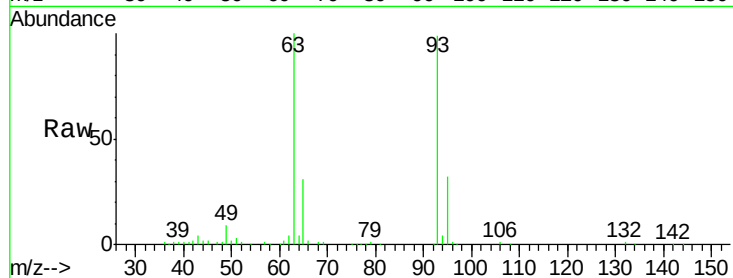




#11
bis(2-Chloroethyl)ether
Concen: 35.65 ng
RT: 6.33 min Scan# 389
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

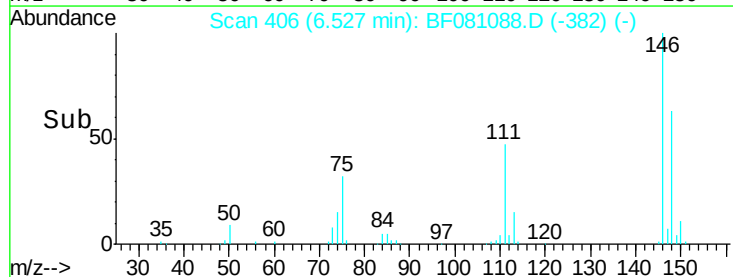
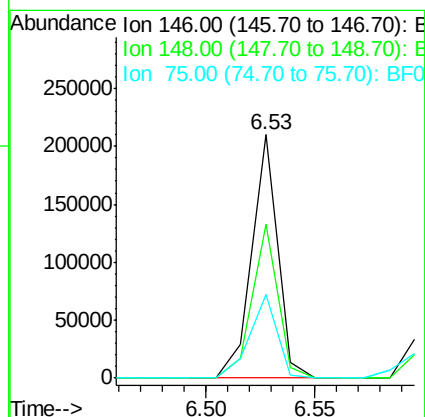
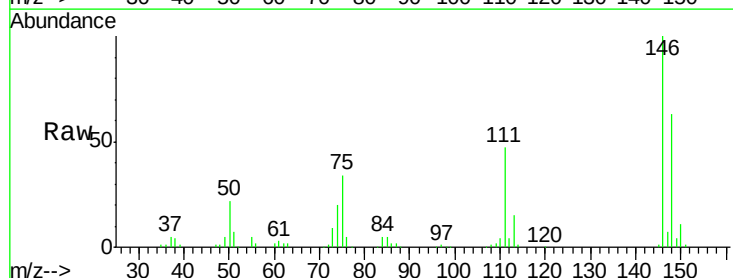
Instrument :
BNA_F
ClientSampleId :

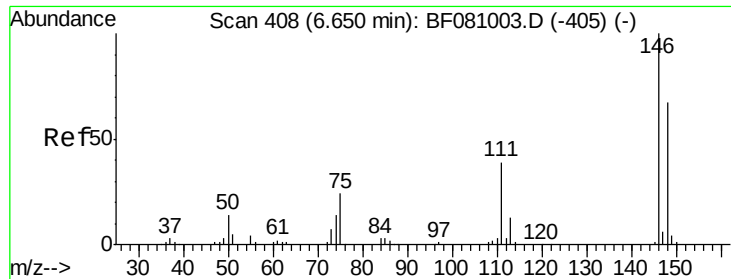
Tot Ion: 93 Resp: 169008
Ion Ratio Lower Upper
93 100
63 101.2 69.6 109.6
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 36.83 ng
RT: 6.53 min Scan# 406
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion: 146 Resp: 173629
Ion Ratio Lower Upper
146 100
148 63.2 53.3 79.9
75 34.3 25.0 37.6

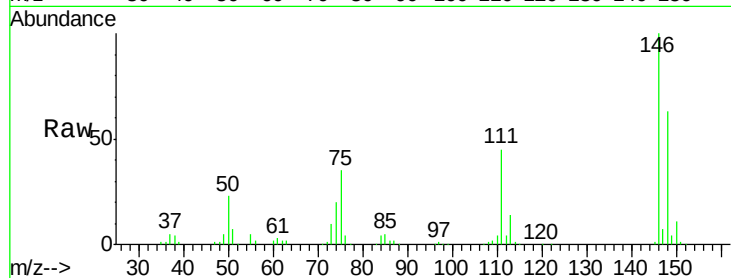




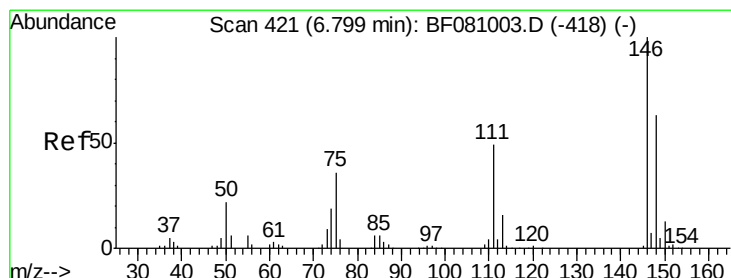
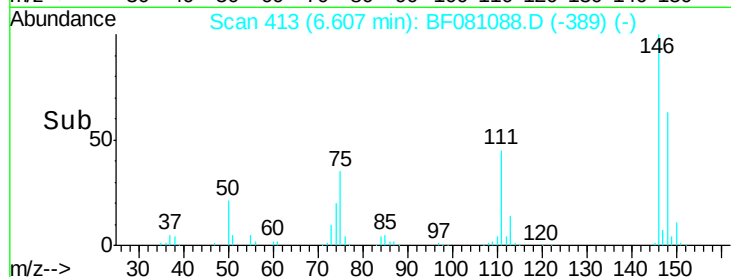
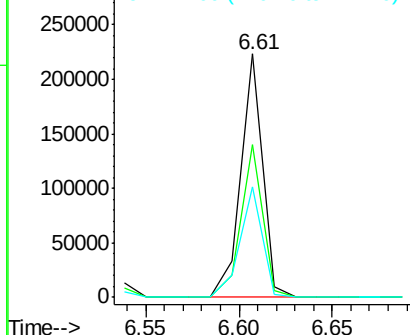
#13
 1,4-Dichlorobenzene
 Concen: 39.13 ng
 RT: 6.61 min Scan# 413
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 182693
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.3 78.5
 111 45.4 34.4 51.6

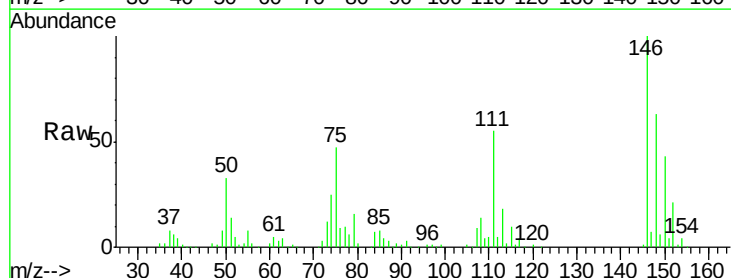


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

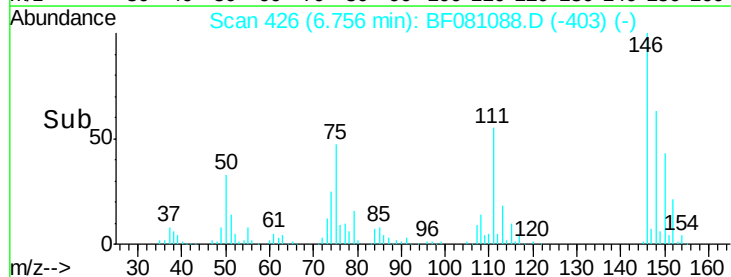
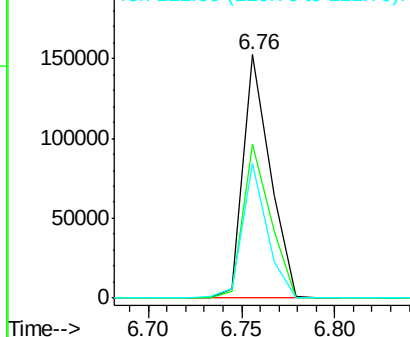


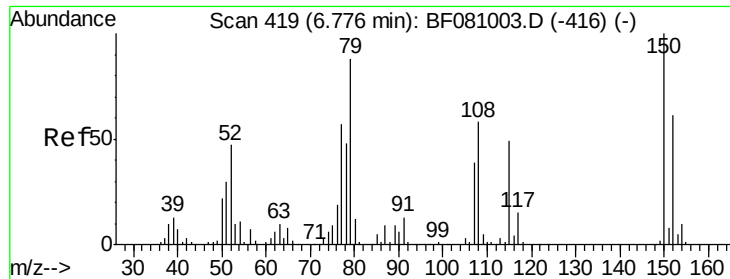
#14
 1,2-Dichlorobenzene
 Concen: 34.99 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.04 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion:146 Resp: 152905
 Ion Ratio Lower Upper
 146 100
 148 63.0 48.7 73.1
 111 55.4 42.3 63.5



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: 38.30 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampled :

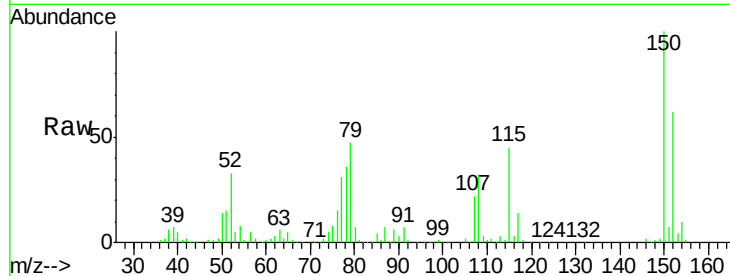
Tot Ion: 79 Resp: 162102

Ion Ratio Lower Upper

79 100

108 68.3 49.4 74.2

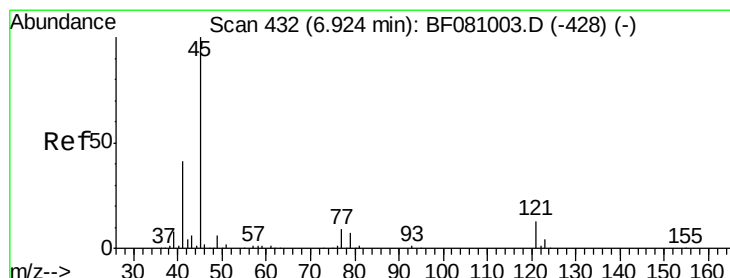
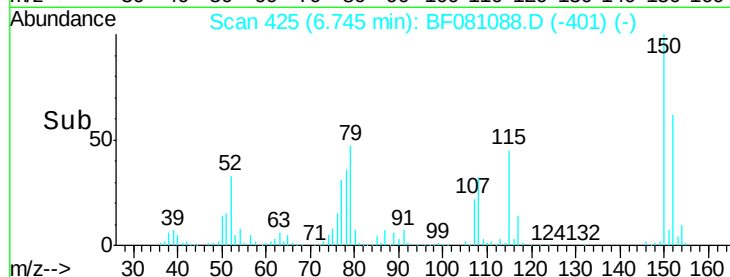
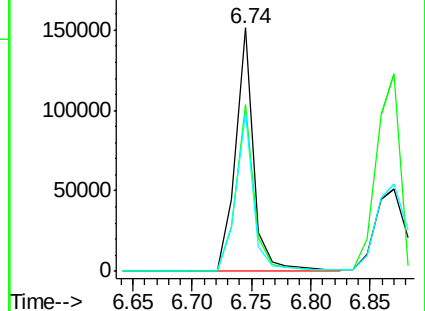
77 65.4 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.03 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

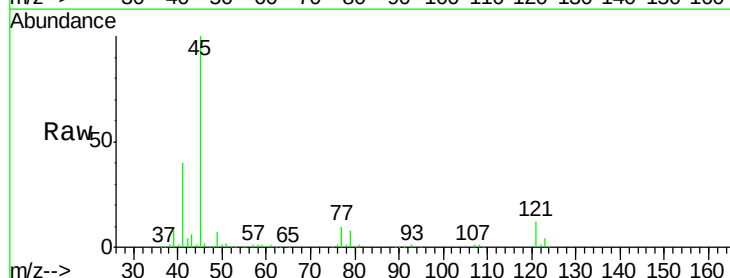
Tgt Ion: 45 Resp: 344917

Ion Ratio Lower Upper

45 100

77 10.0 0.0 30.2

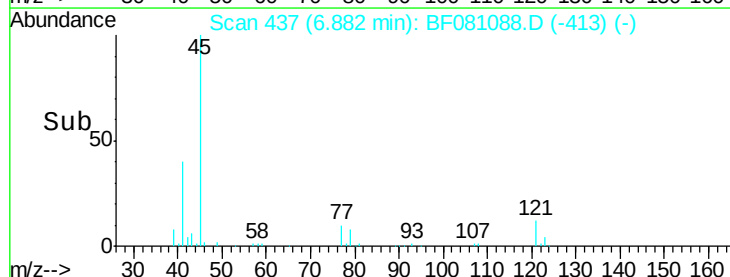
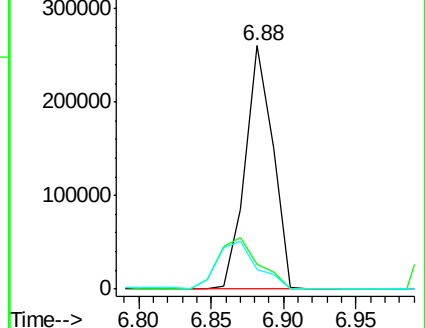
79 8.1 0.0 28.0

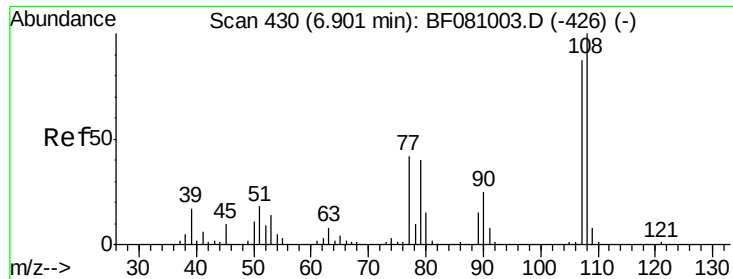


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

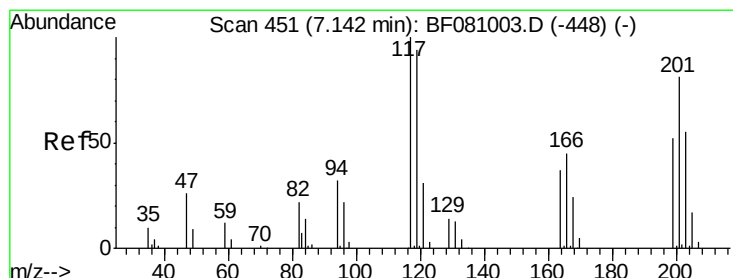
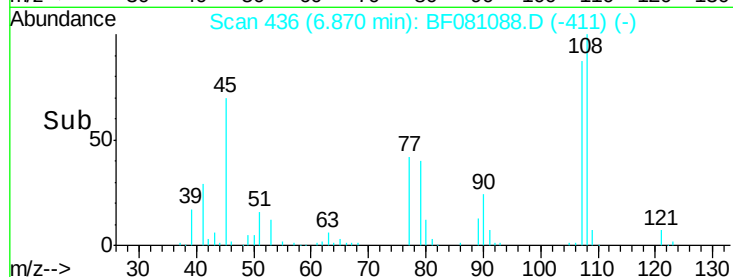
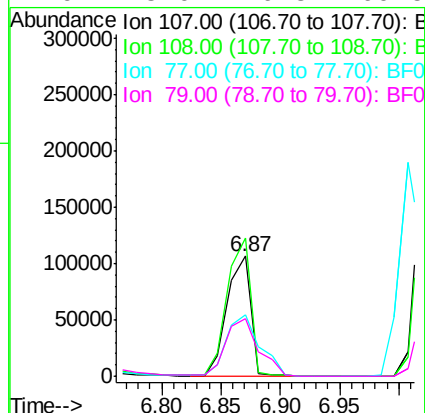
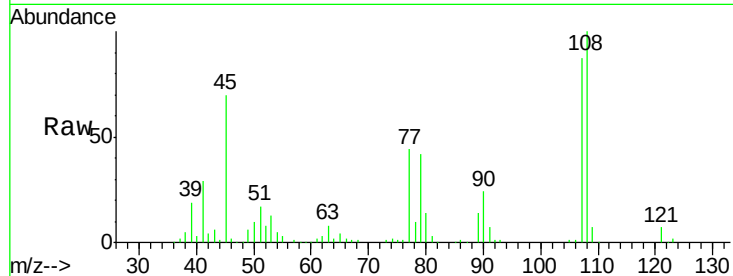




#17
2-Methylphenol
Concen: 39.34 ng
RT: 6.87 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

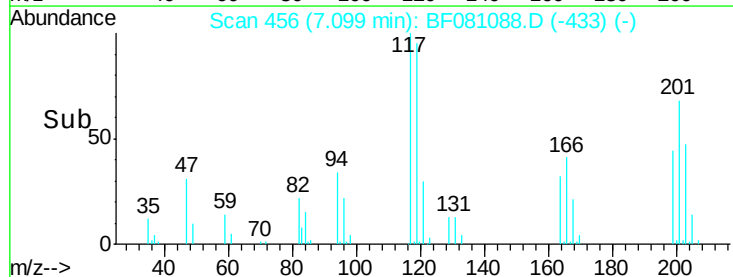
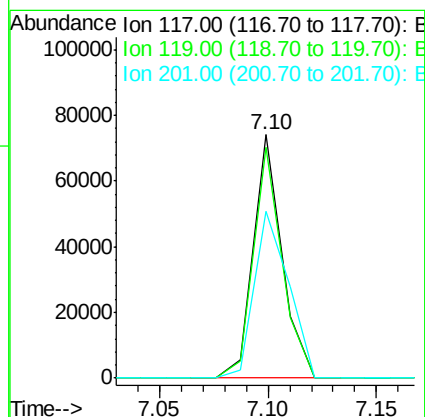
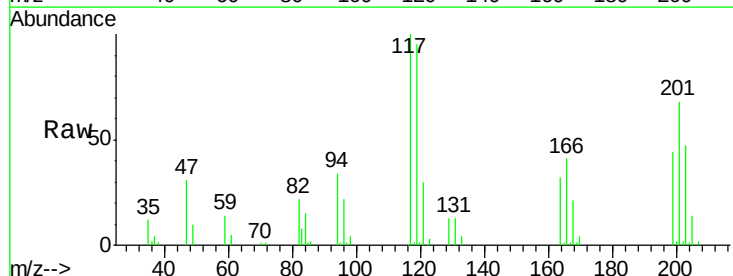
Instrument :
BNA_F
ClientSampleId :

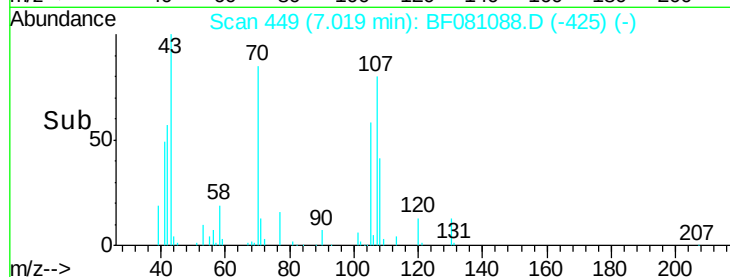
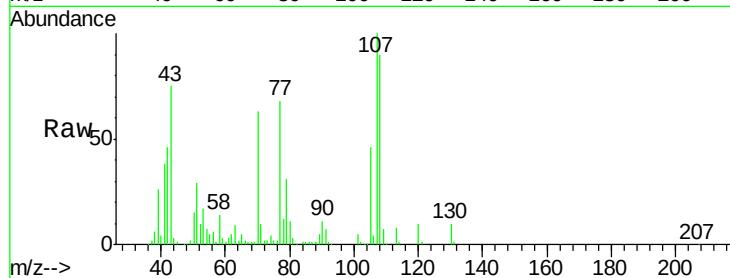
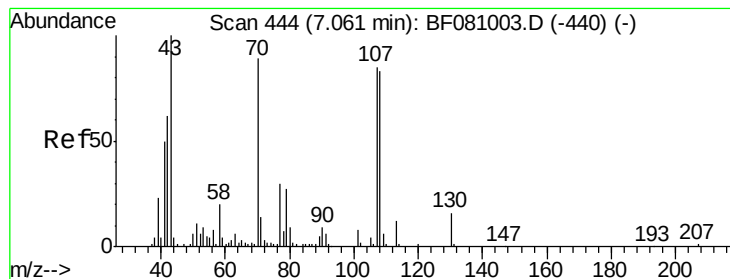
Tot Ion:	107	Resp:	148130
Ion	Ratio	Lower	Upper
107	100		
108	115.4	90.4	135.6
77	51.3	46.5	69.7
79	48.0	46.3	69.5



#18
Hexachloroethane
Concen: 35.75 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion:	117	Resp:	67434
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.9	116.9
201	68.4	61.3	91.9





#19

n-Nitroso-di-n-propylamine

Concen: 36.67 ng

RT: 7.02 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 132877

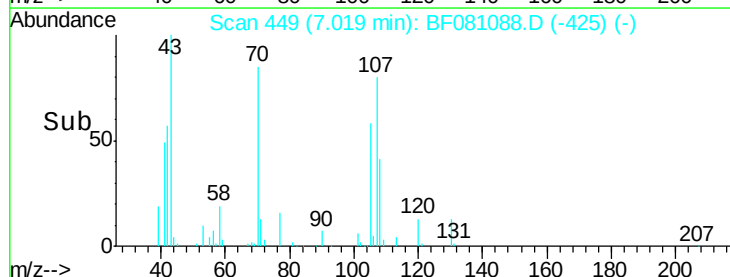
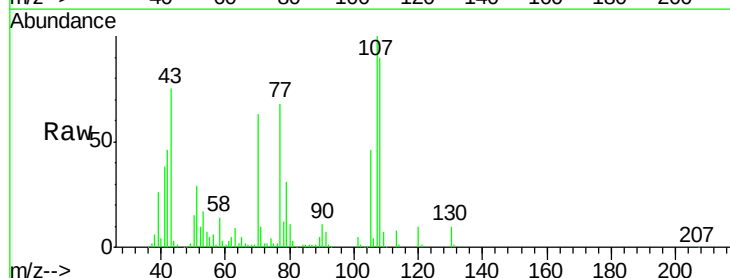
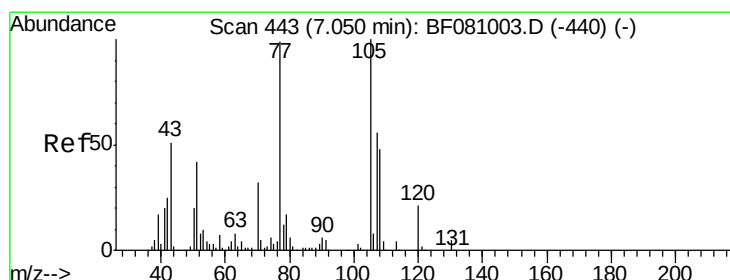
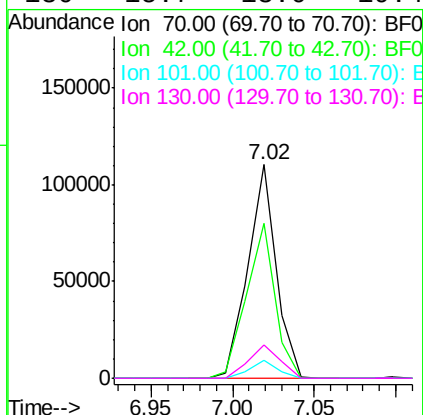
Ion Ratio Lower Upper

70 100

42 72.2 65.0 97.4

101 8.4 7.4 11.2

130 15.7 13.0 19.4



#20

3+4-Methylphenols

Concen: 36.37 ng

RT: 7.02 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Tgt Ion: 107 Resp: 173792

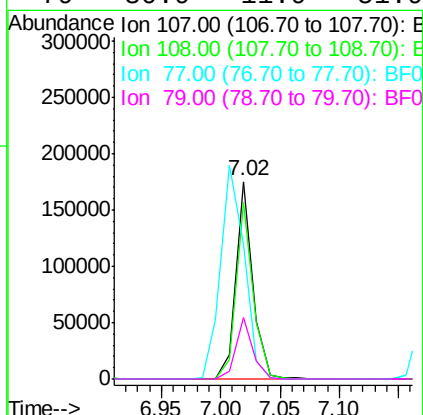
Ion Ratio Lower Upper

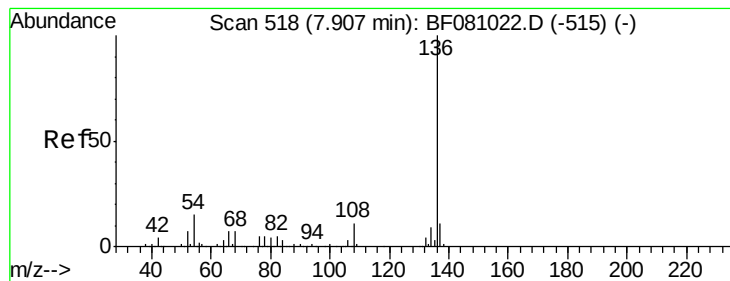
107 100

108 89.8 66.1 106.1

77 68.1 139.3 179.3#

79 30.9 11.9 51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 247716

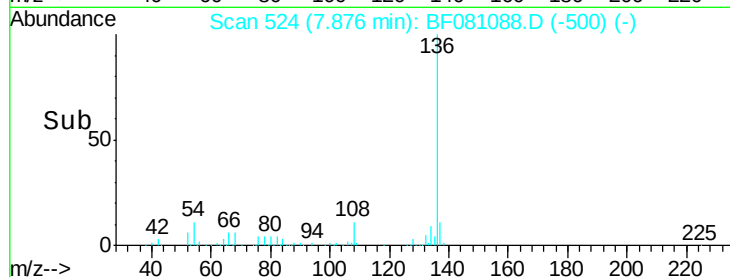
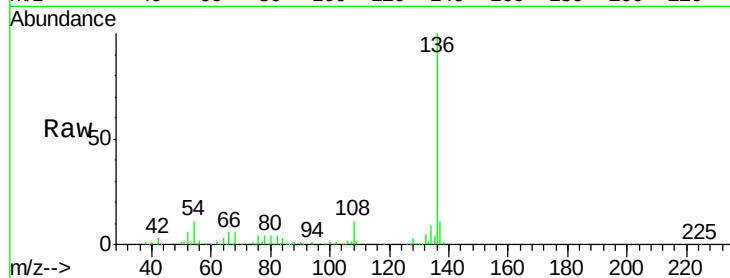
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.2

54 11.5 7.7 11.5

68 6.0 3.4 5.2#

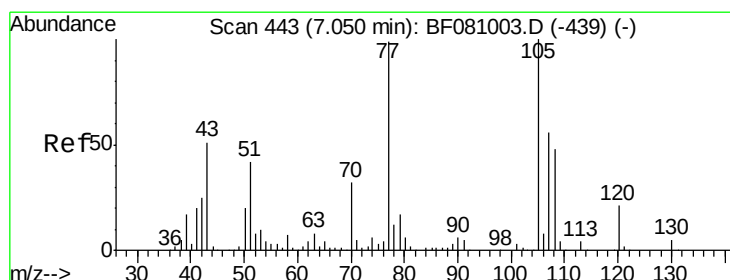
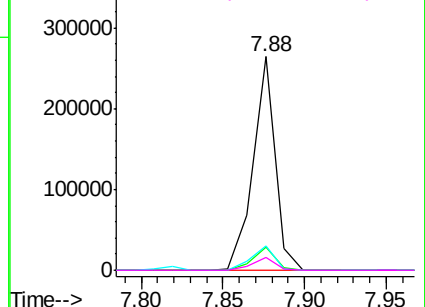


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.68 ng

RT: 7.01 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Tgt Ion:105 Resp: 245074

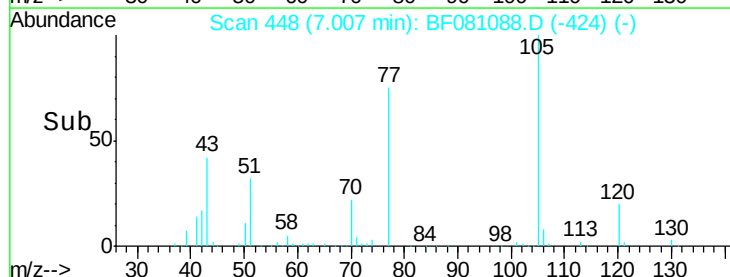
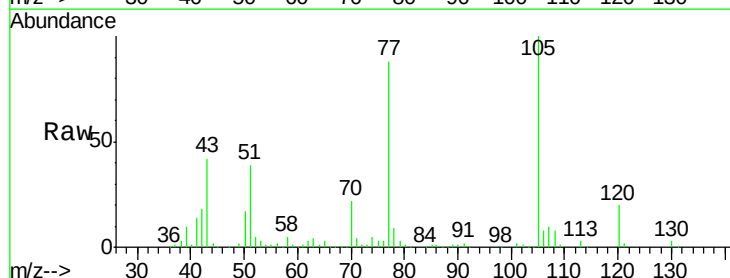
Ion Ratio Lower Upper

105 100

71 3.7 3.0 4.6

51 39.3 39.8 59.8#

120 20.2 15.8 23.8

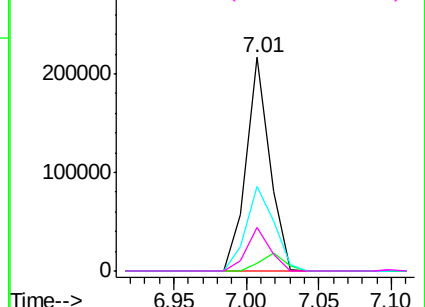


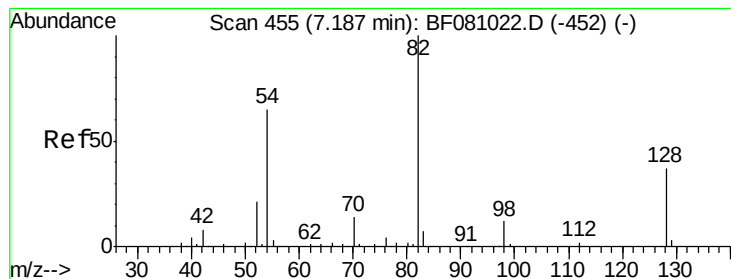
Abundance Ion 105.00 (104.70 to 105.70): E

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: 74.07 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

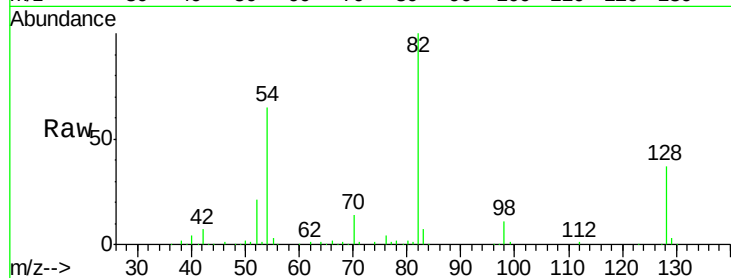
Tot Ion: 82 Resp: 401649

Ion Ratio Lower Upper

82 100

128 36.8 28.6 42.8

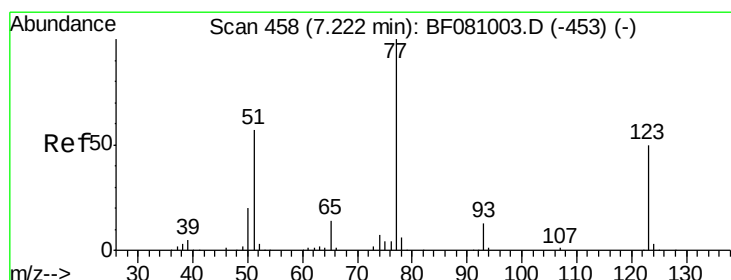
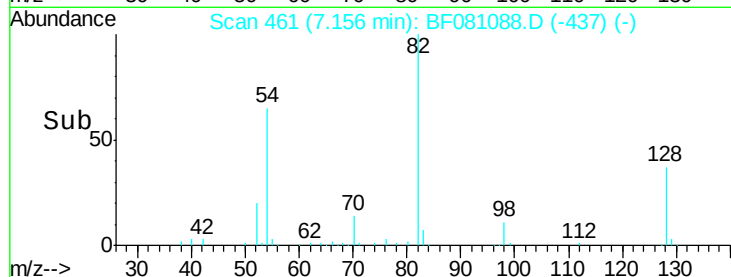
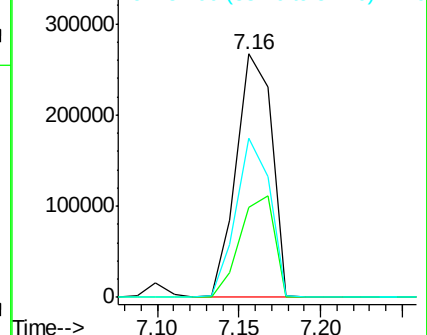
54 65.4 55.1 82.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.95 ng

RT: 7.18 min Scan# 463

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

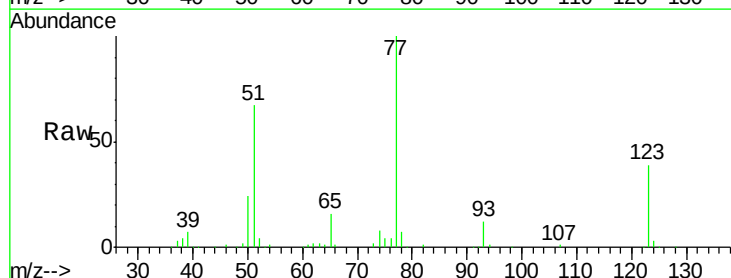
Tgt Ion: 77 Resp: 203828

Ion Ratio Lower Upper

77 100

123 39.3 32.9 49.3

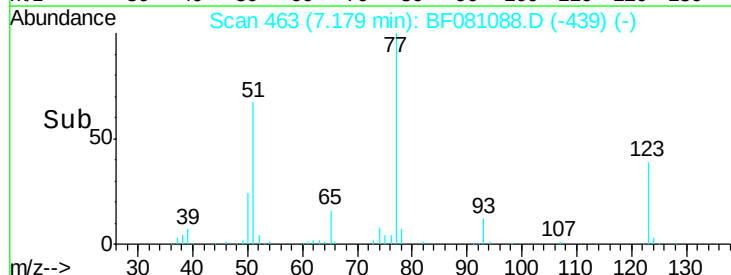
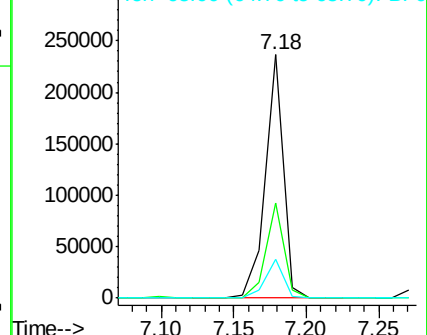
65 15.8 12.5 18.7

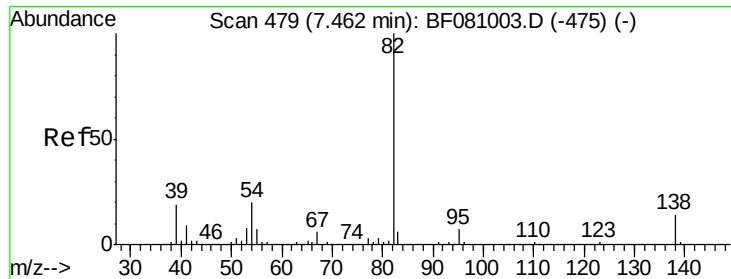


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.11 ng

RT: 7.42 min Scan# 484

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

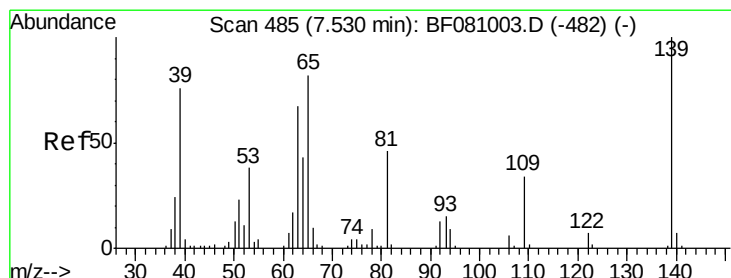
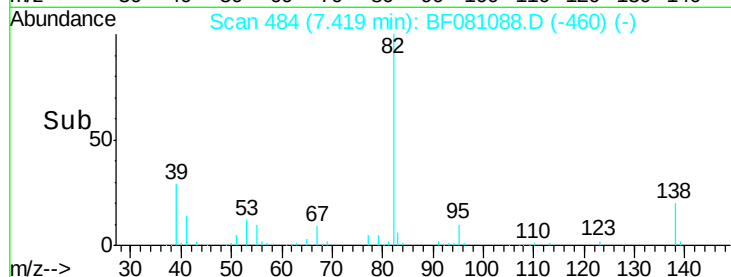
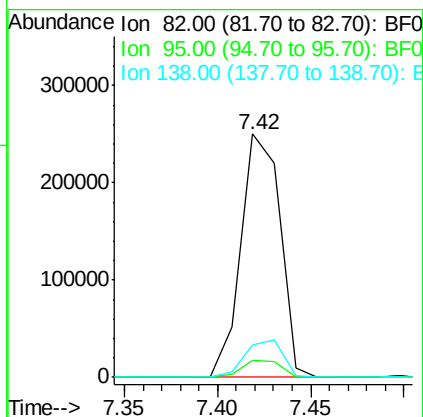
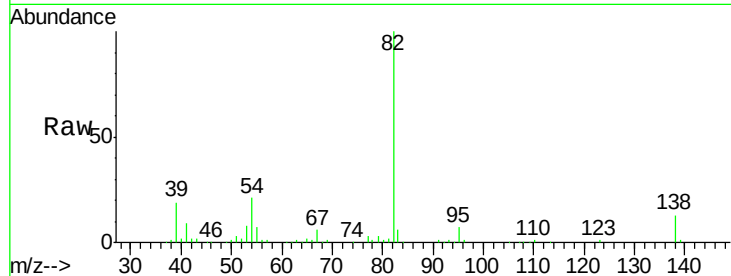
Tot Ion: 82 Resp: 365151

Ion Ratio Lower Upper

82 100

95 6.8 6.2 9.2

138 13.3 10.5 15.7



#26

2-Nitrophenol

Concen: 40.52 ng

RT: 7.50 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

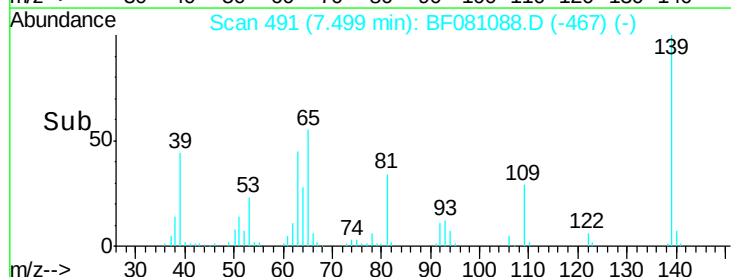
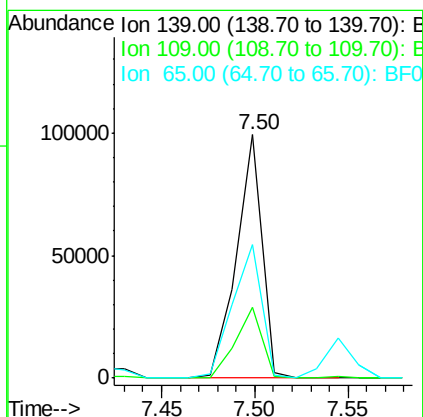
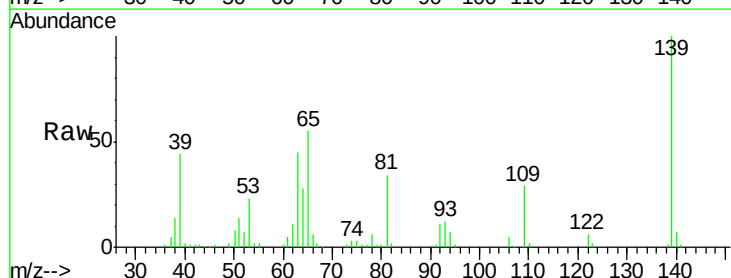
Tgt Ion: 139 Resp: 95541

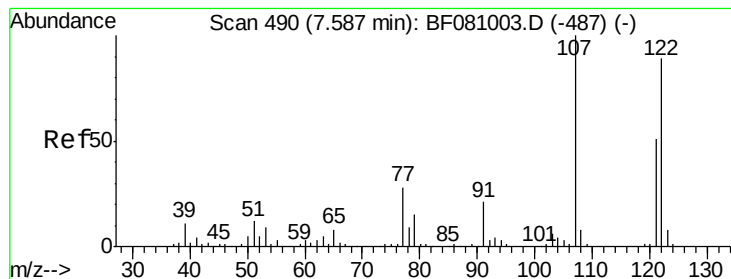
Ion Ratio Lower Upper

139 100

109 28.9 32.1 48.1#

65 54.8 69.9 104.9#





#27

2,4-Dimethylphenol

Concen: 37.89 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampled :

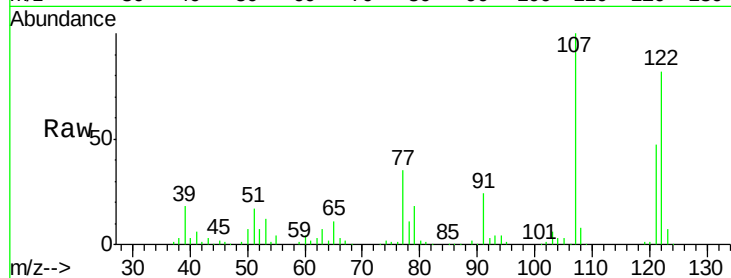
Tot Ion:122 Resp: 158062

Ion Ratio Lower Upper

122 100

107 122.4 103.8 155.6

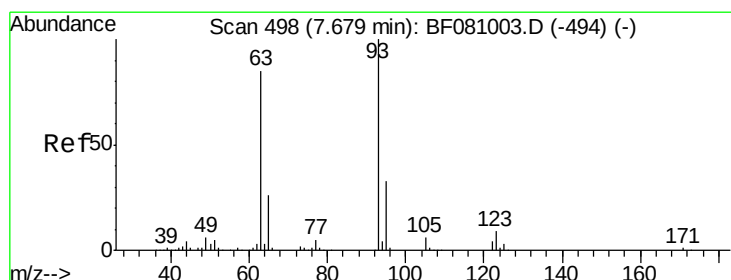
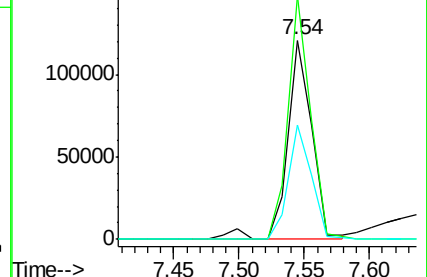
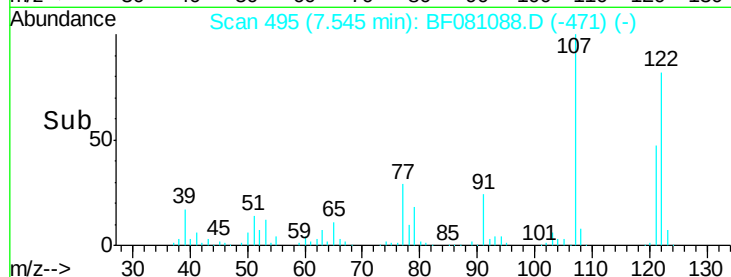
121 57.4 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.84 ng

RT: 7.65 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

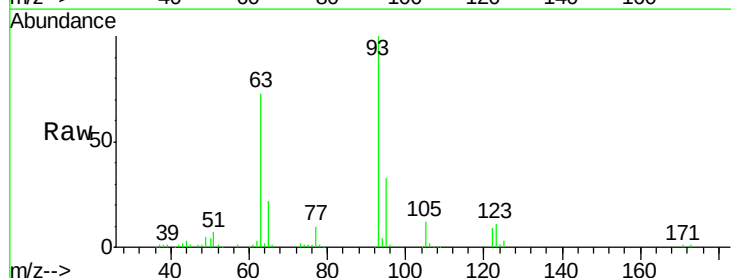
Tgt Ion: 93 Resp: 232038

Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

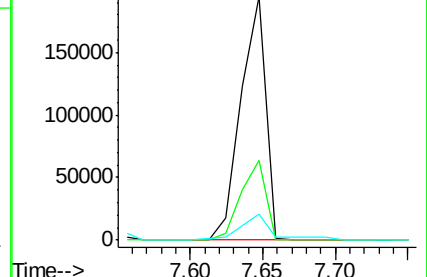
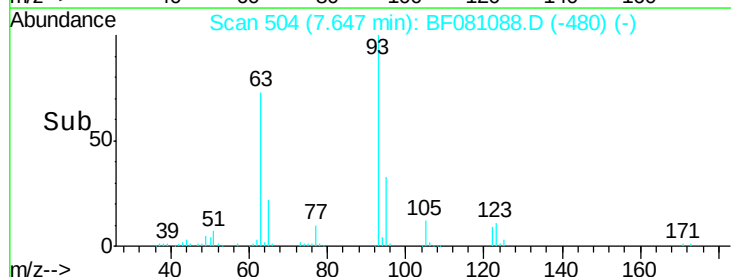
123 10.7 7.4 11.0

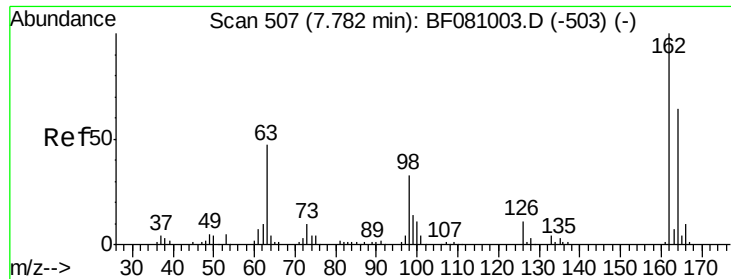


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

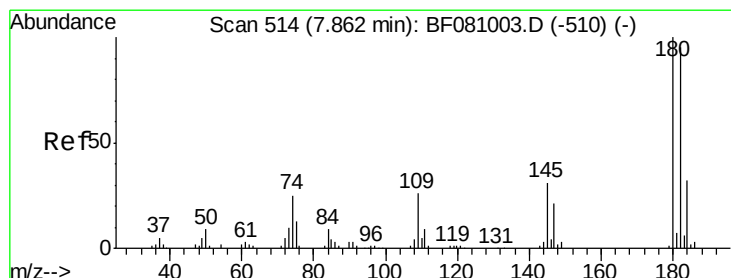
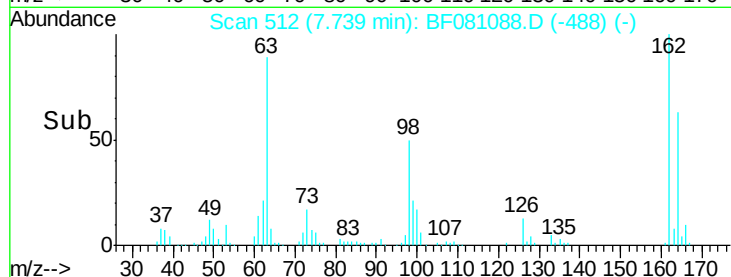
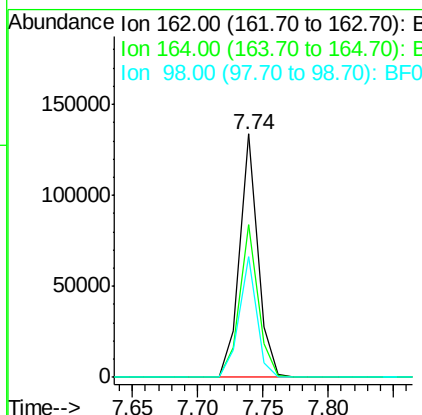
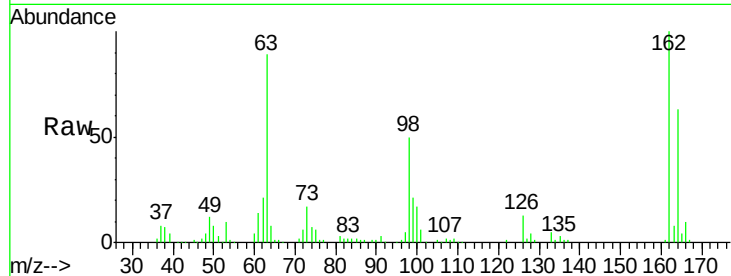




#29
 2,4-Dichlorophenol
 Concen: 37.00 ng
 RT: 7.74 min Scan# 512
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

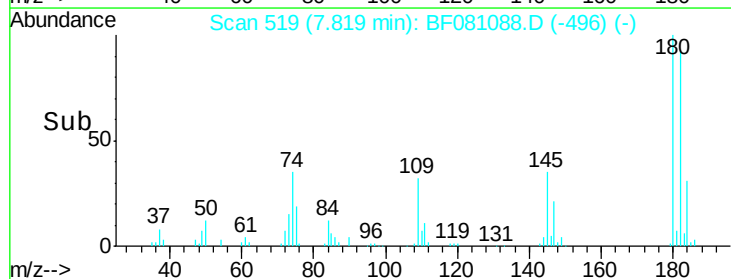
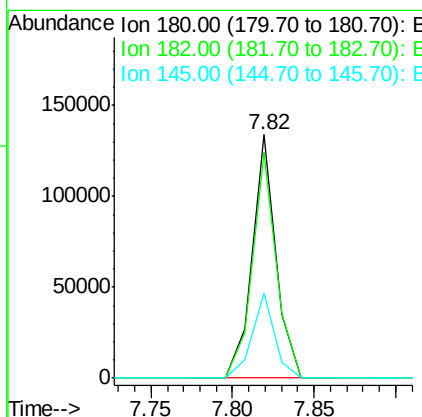
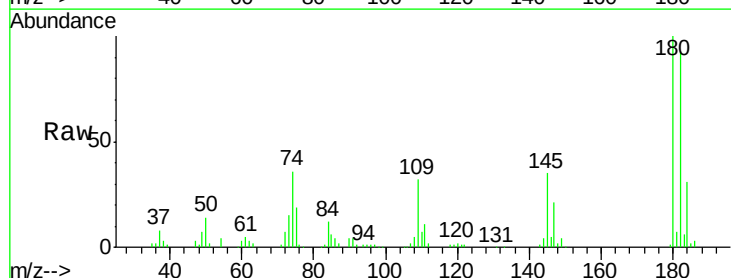
Instrument :
 BNA_F
 ClientSampleId :

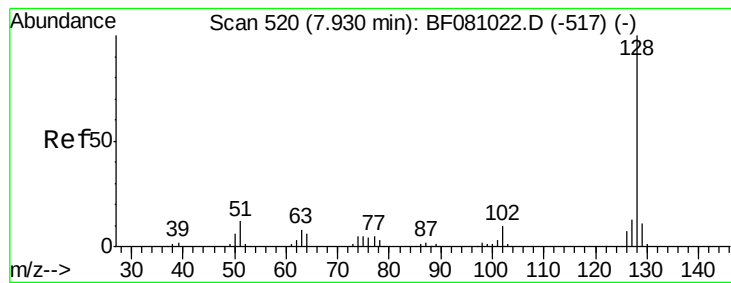
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.2	83.2
98	49.5	12.3	52.3



#30
 1,2,4-Trichlorobenzene
 Concen: 34.43 ng
 RT: 7.82 min Scan# 519
 Delta R.T. -0.04 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.4	114.6
145	34.8	25.4	38.2





#31

Naphthalene

Concen: 37.55 ng

RT: 7.90 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

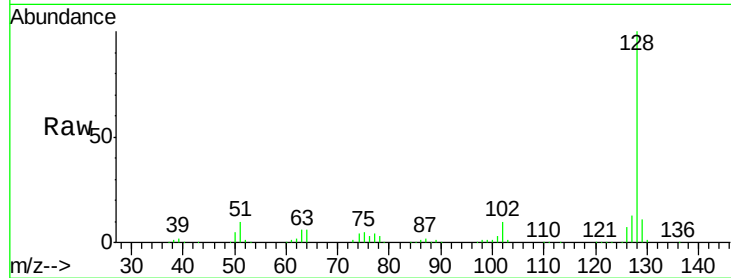
Tot Ion:128 Resp: 518478

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

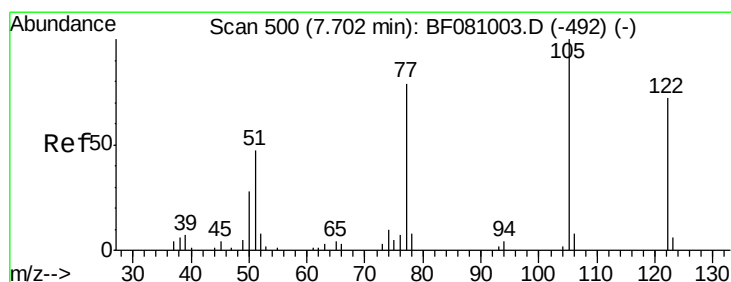
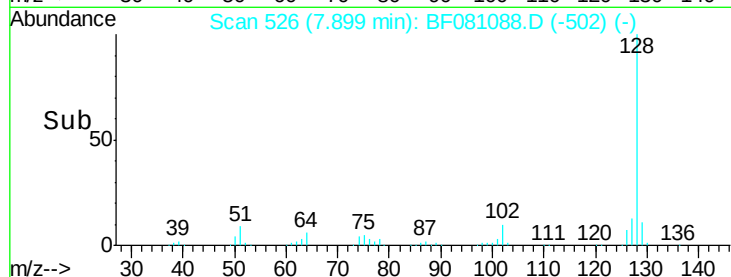
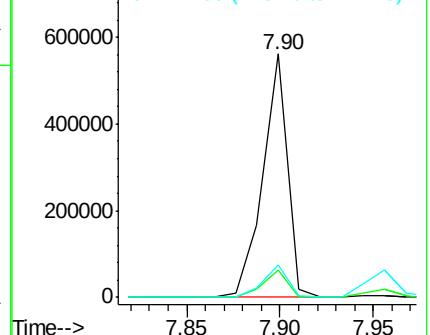
127 13.5 10.6 16.0



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: 54.40 ng

RT: 7.68 min Scan# 507

Delta R.T. 0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

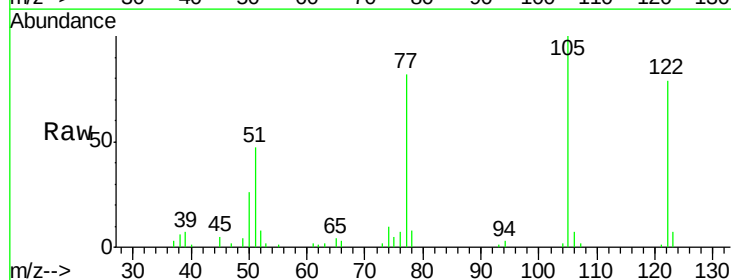
Tgt Ion:122 Resp: 127634

Ion Ratio Lower Upper

122 100

105 126.3 113.8 153.8

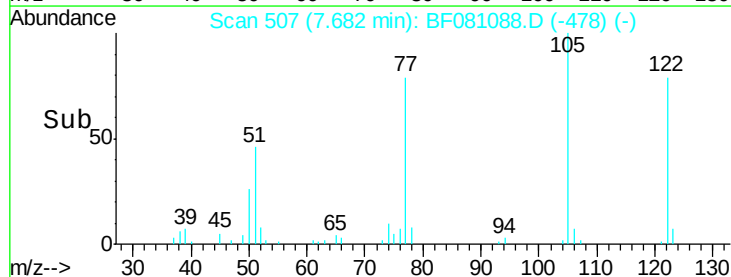
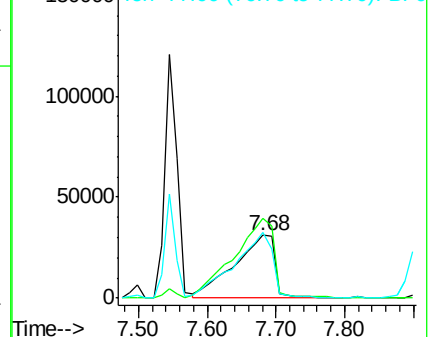
77 103.9 93.8 133.8

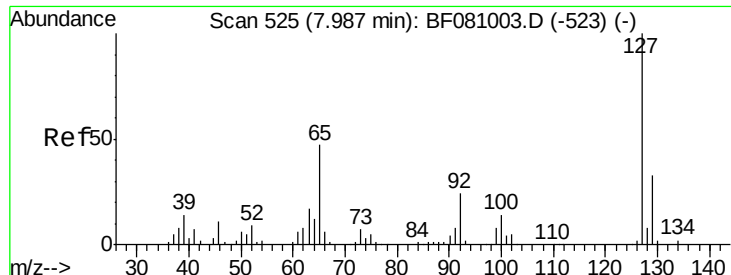


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

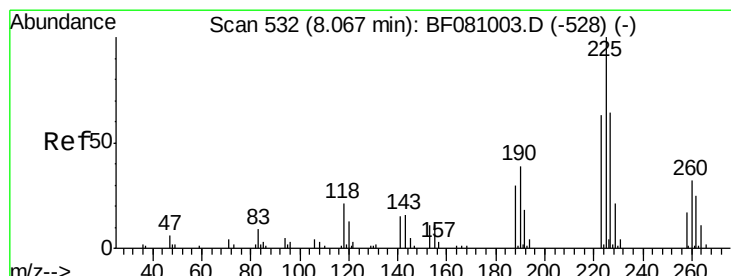
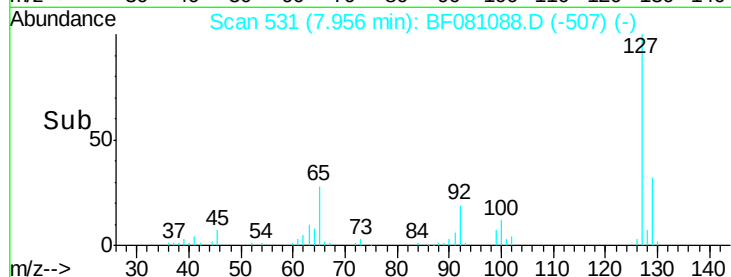
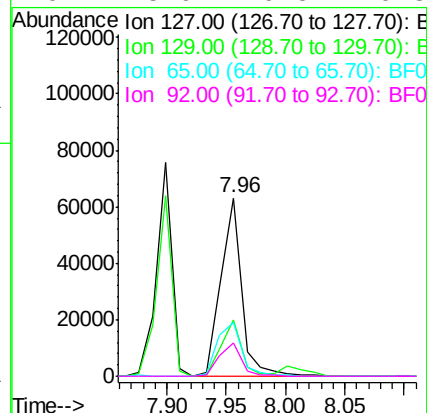
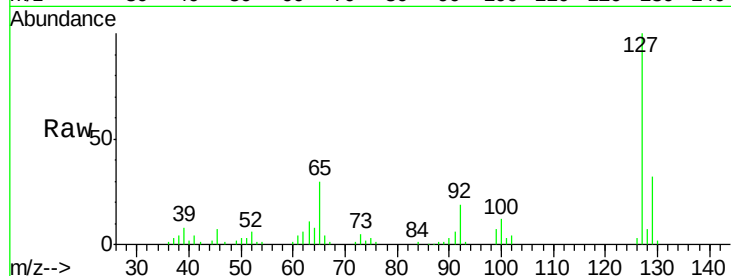




#33
4-Chloroaniline
Concen: 13.10 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

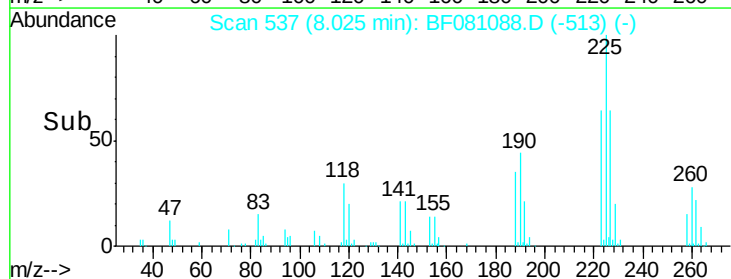
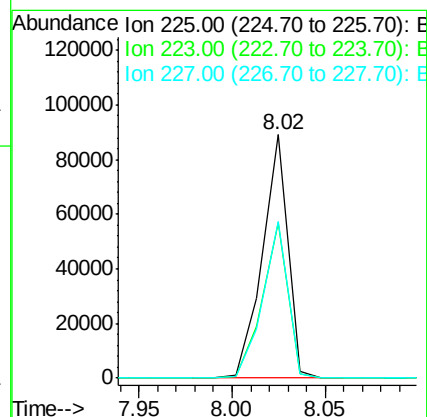
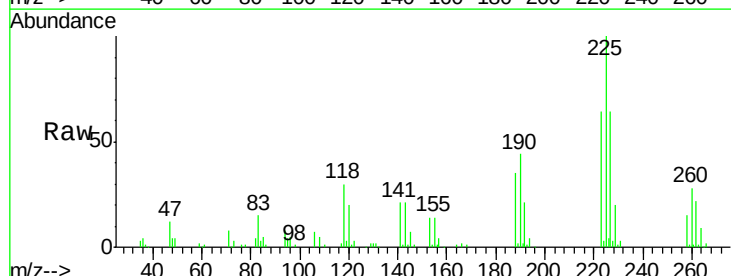
Instrument :
BNA_F
ClientSampled :

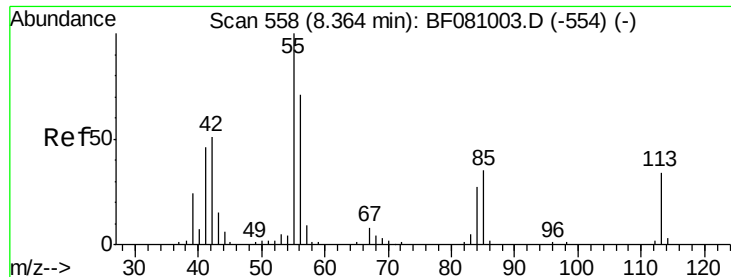
Tot Ion:	127	Resp:	76347
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.2	37.8
65	30.5	37.8	56.6#
92	18.9	19.5	29.3#



#34
Hexachlorobutadiene
Concen: 37.93 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion:	225	Resp:	83717
Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.6	79.0
227	64.1	51.1	76.7





#35

Caprolactam

Concen: 26.62 ng

RT: 8.33 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

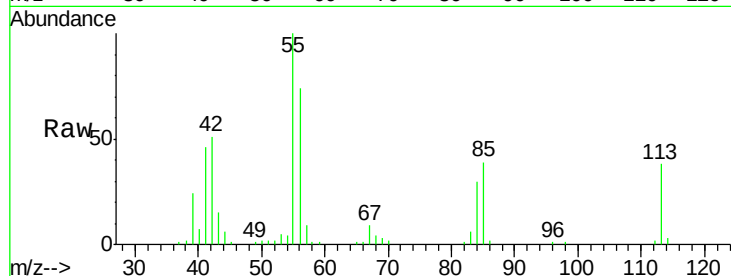
Tot Ion:113 Resp: 32677

Ion Ratio Lower Upper

113 100

55 262.0 280.4 320.4#

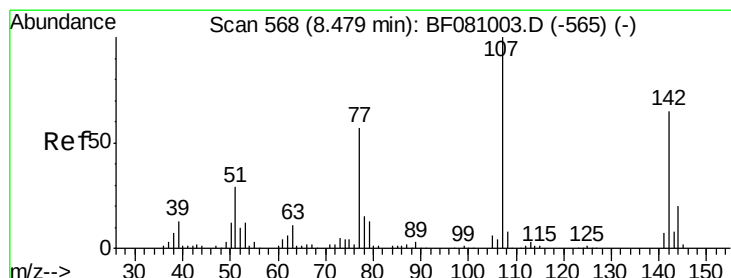
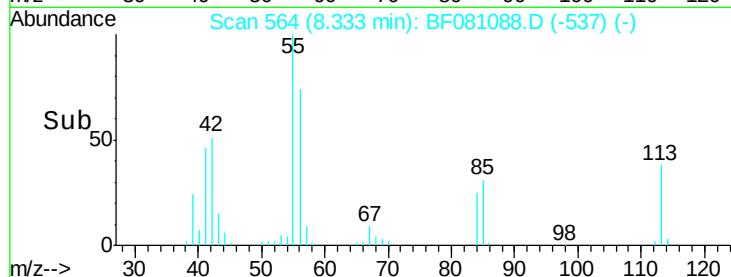
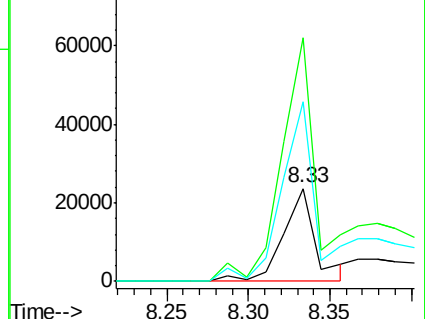
56 192.8 205.9 245.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.96 ng

RT: 8.45 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

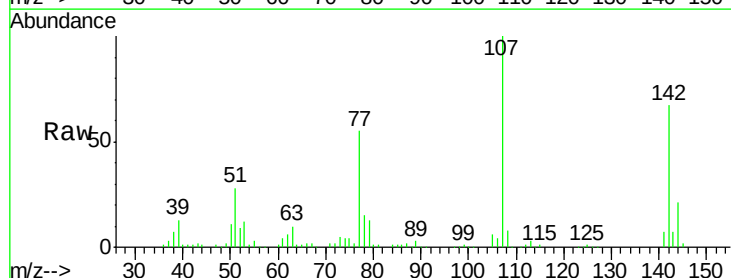
Tgt Ion:107 Resp: 163075

Ion Ratio Lower Upper

107 100

144 21.5 17.2 25.8

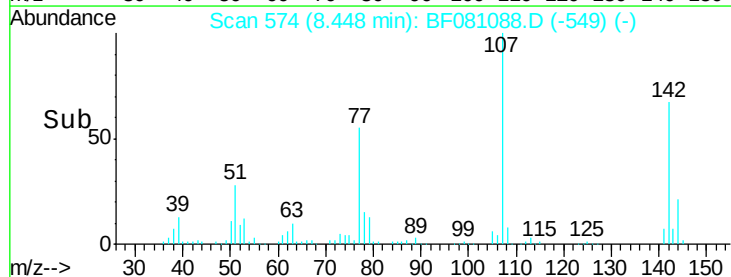
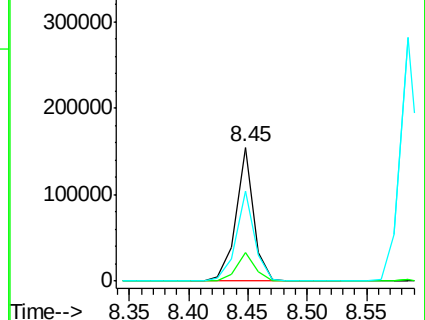
142 67.3 54.9 82.3

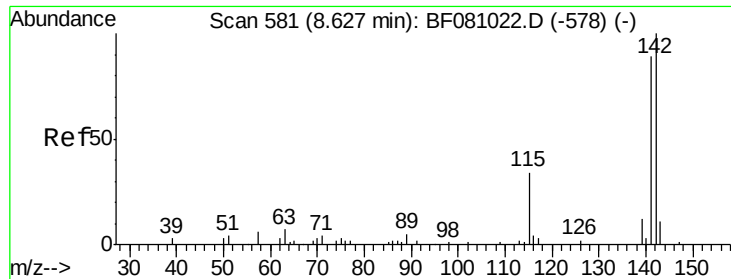


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

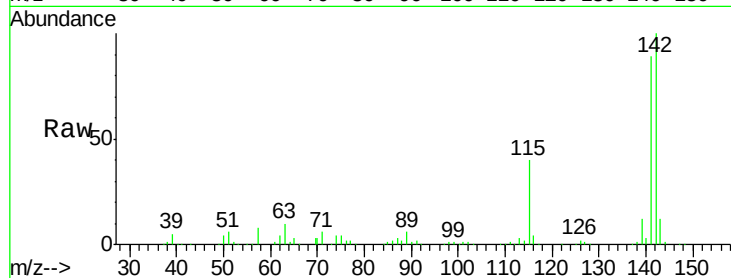




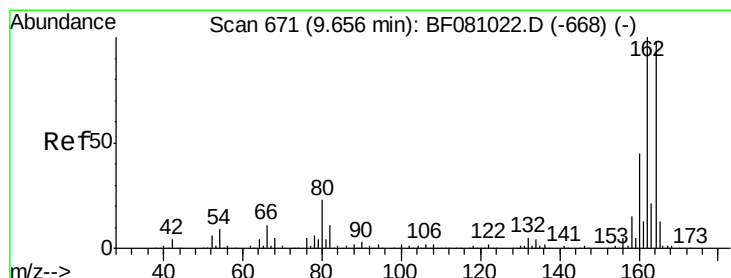
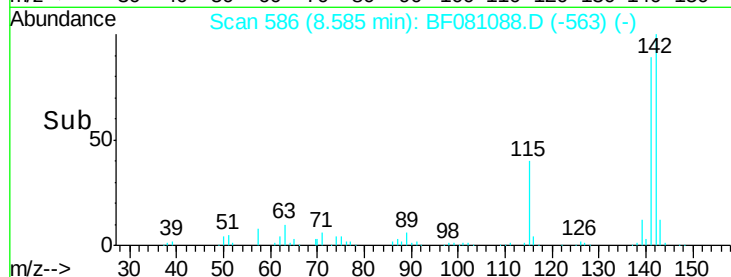
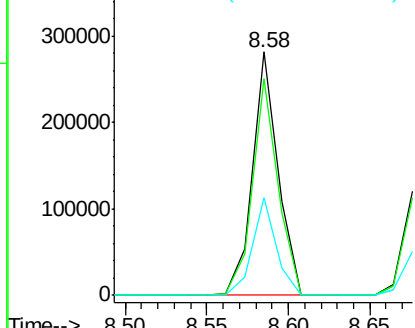
#37
 2-Methylnaphthalene
 Concen: 35.13 ng
 RT: 8.58 min Scan# 586
 Delta R.T. -0.04 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	39.9	33.4	50.0

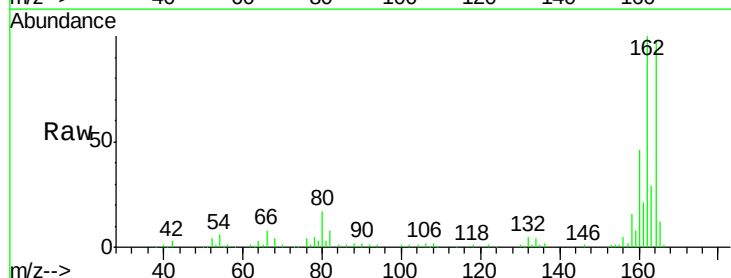


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

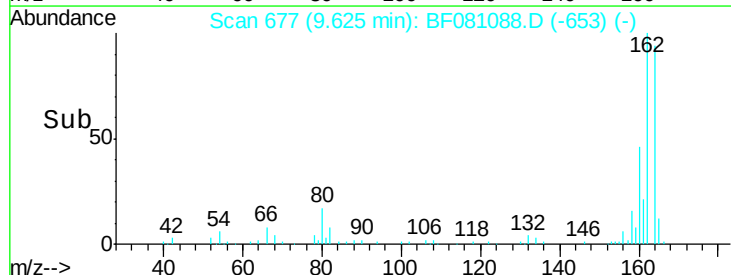
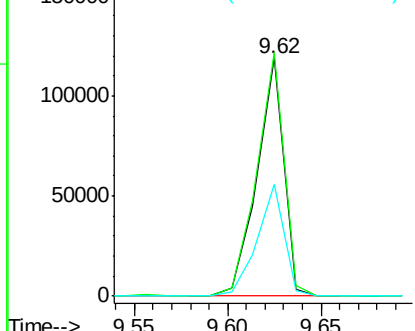


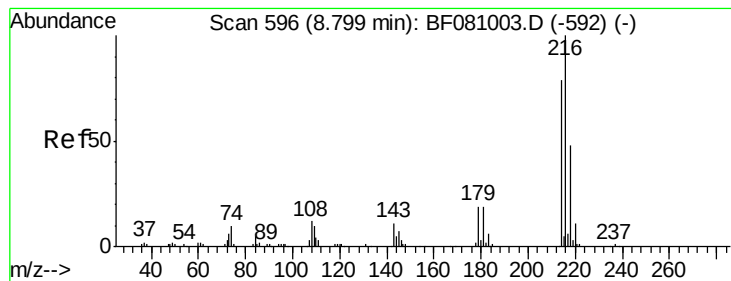
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.8	125.8
160	47.1	39.8	59.8



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: 34.84 ng

RT: 8.76 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF081088.D

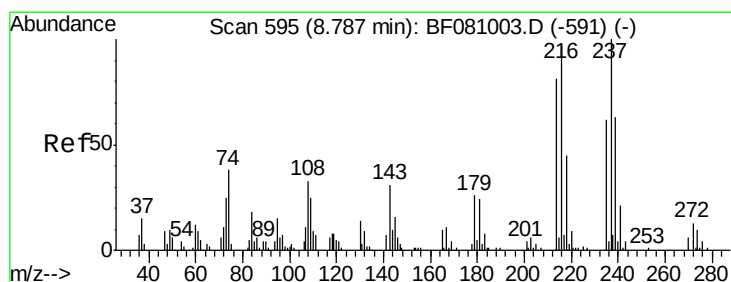
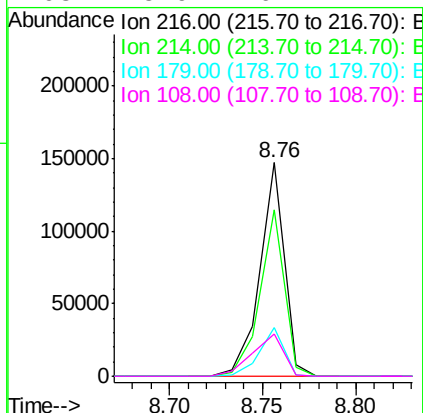
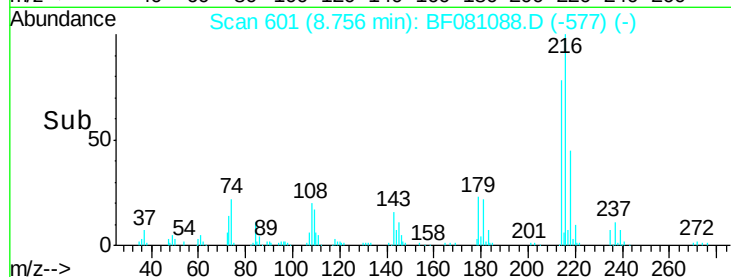
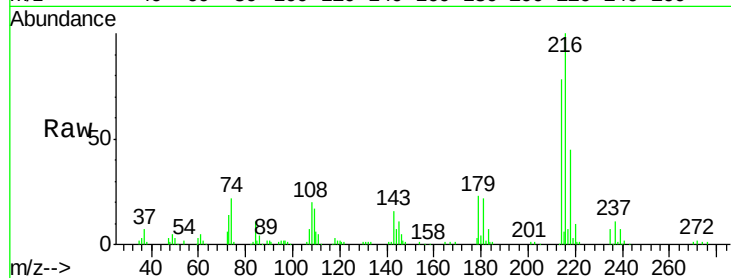
Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	132578
Ion Ratio	Lower	Upper
216	100	
214	78.3	63.8 95.8
179	23.1	17.8 26.8
108	25.9	16.2 24.2#



#40

Hexachlorocyclopentadiene

Concen: 78.90 ng

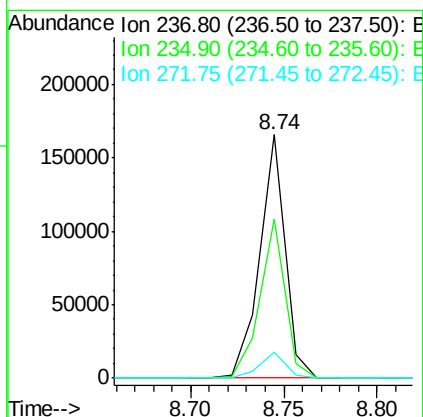
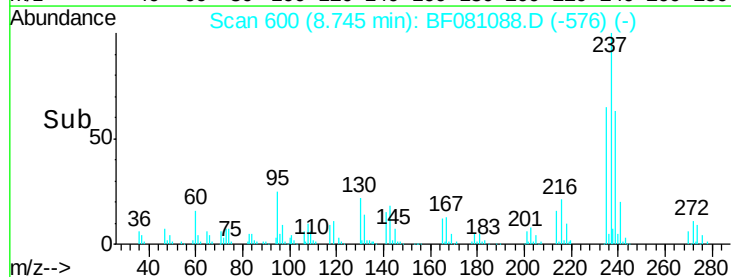
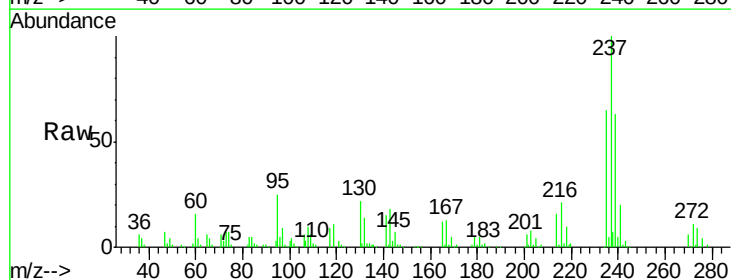
RT: 8.74 min Scan# 600

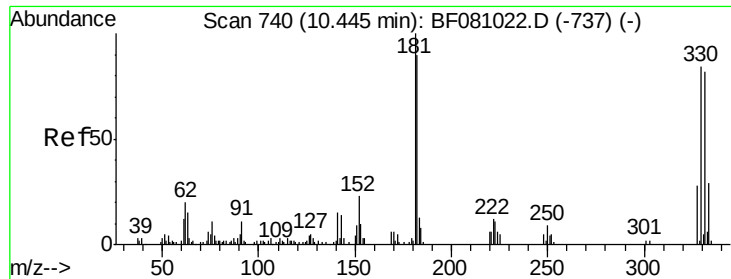
Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Tgt Ion:237	Resp:	155402
Ion Ratio	Lower	Upper
237	100	
235	65.4	43.6 83.6
272	10.9	0.0 32.2





#41

2,4,6-Tribromophenol

Concen: 124.75 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

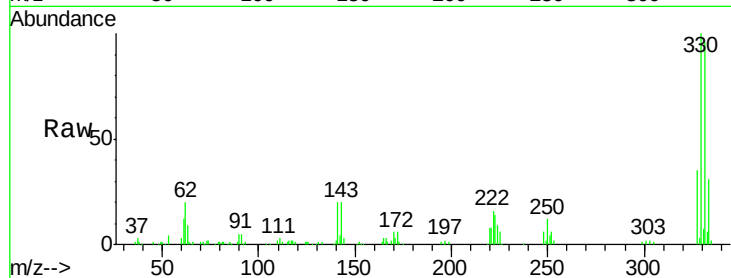
Tot Ion:330 Resp: 127536

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

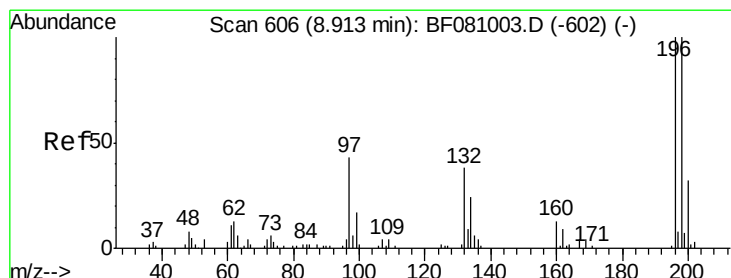
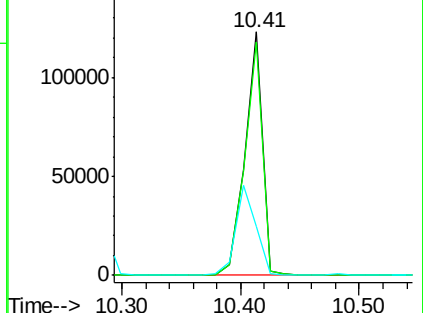
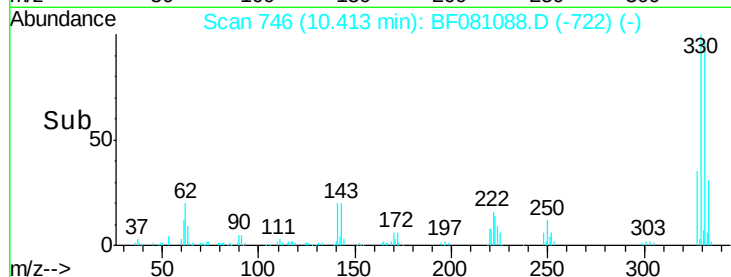
141 42.4 44.9 67.3#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 37.55 ng

RT: 8.87 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

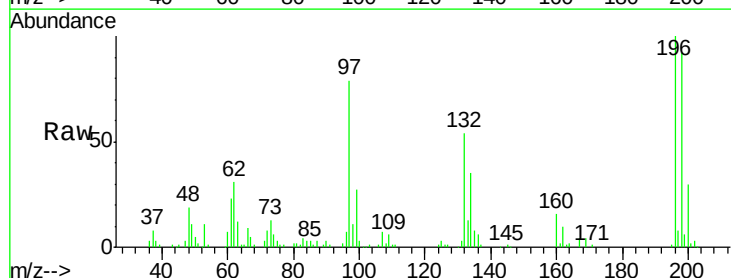
Tgt Ion:196 Resp: 100955

Ion Ratio Lower Upper

196 100

198 91.9 74.6 111.8

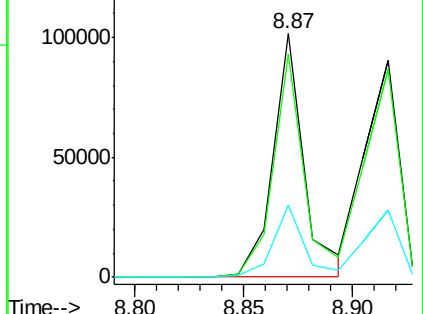
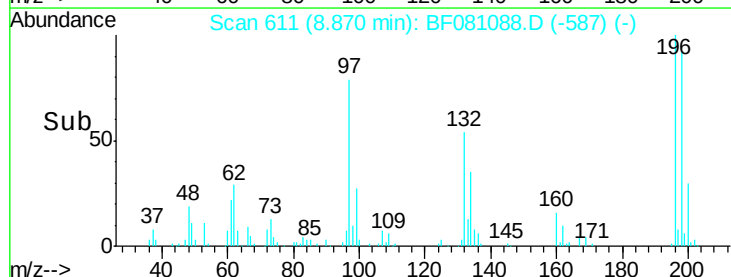
200 29.6 22.7 34.1

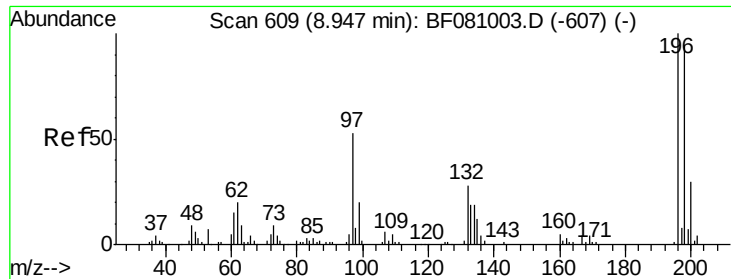


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

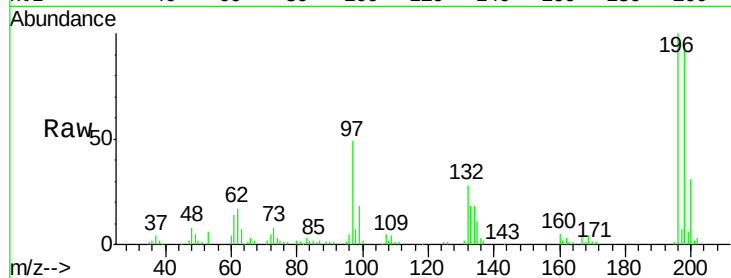




#43
 2,4,5-Trichlorophenol
 Concen: 37.53 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	95.4	78.3	117.5	
97	48.7	42.7	64.1	
132	27.9	23.3	34.9	



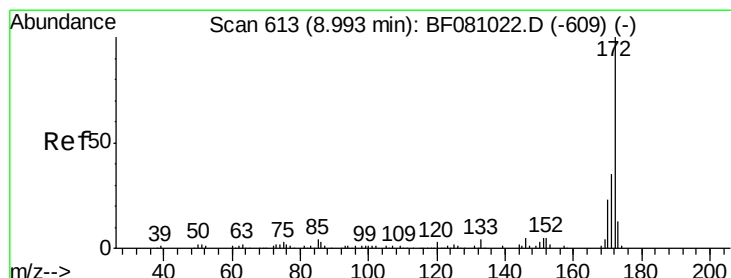
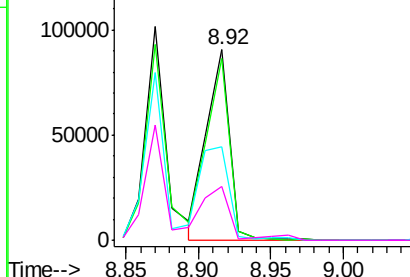
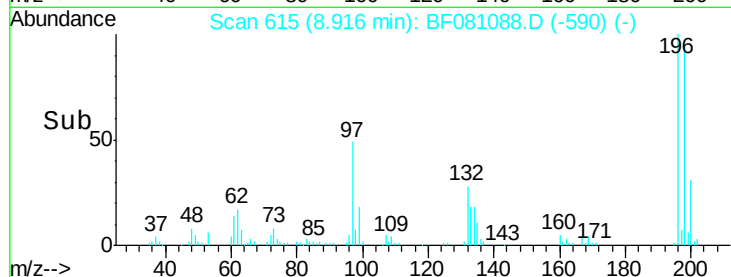
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

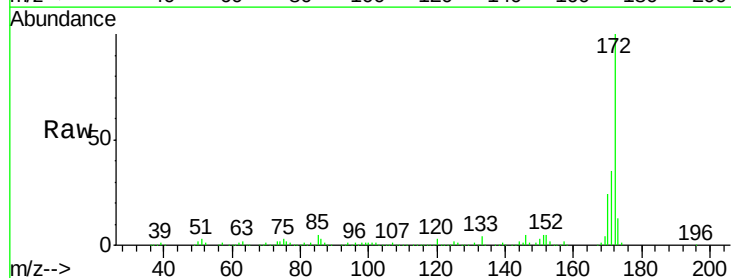
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 75.87 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.4	28.9	43.3	
170	24.0	19.4	29.2	

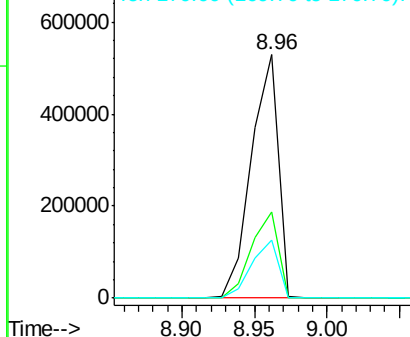
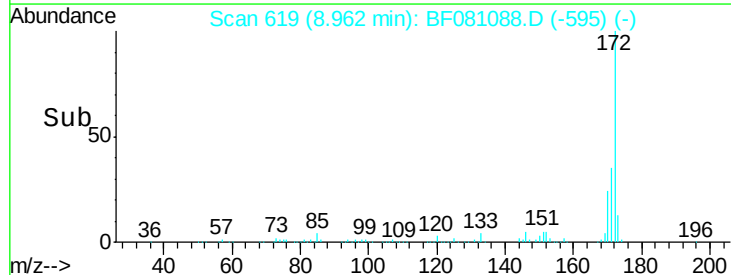


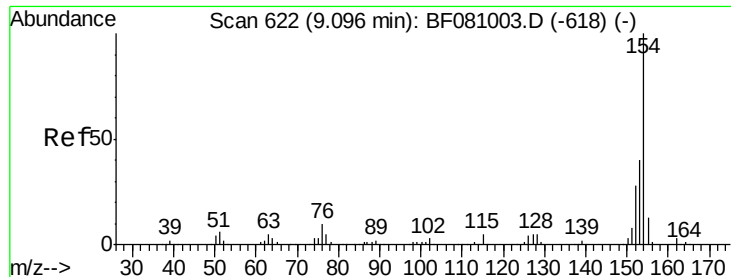
Abundance

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: 36.56 ng

RT: 9.05 min Scan# 627

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampled :

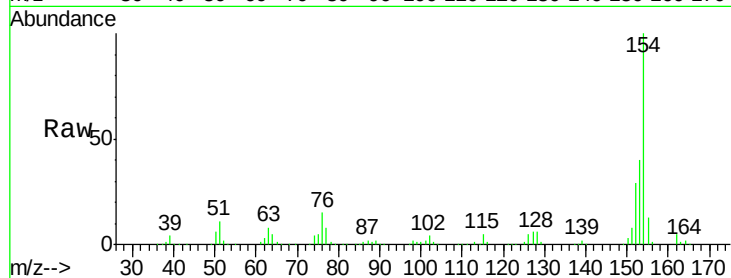
Tot Ion:154 Resp: 379842

Ion Ratio Lower Upper

154 100

153 39.9 19.5 59.5

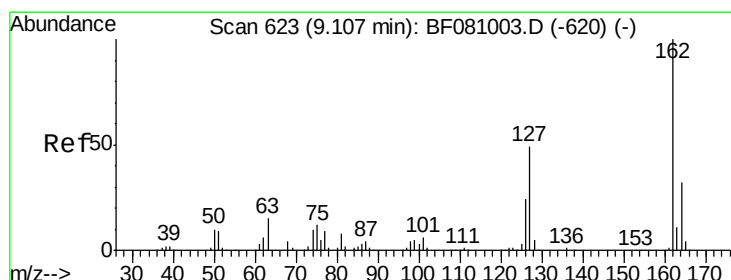
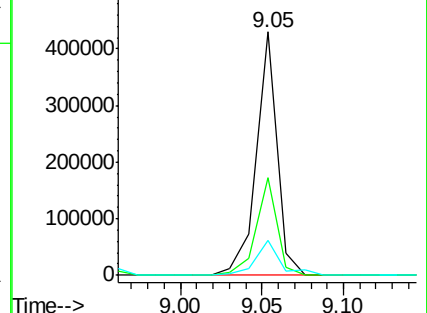
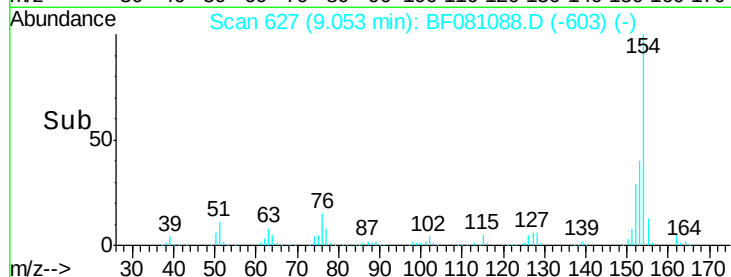
76 14.6 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.66 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

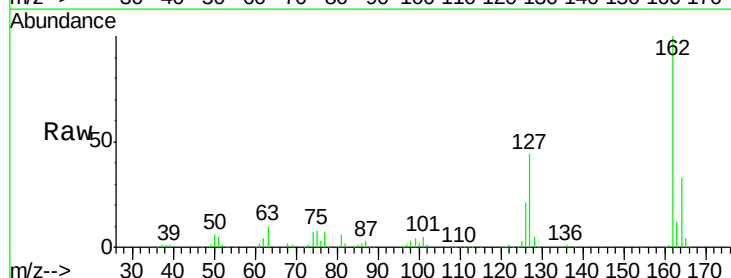
Tgt Ion:162 Resp: 297583

Ion Ratio Lower Upper

162 100

127 44.0 31.3 46.9

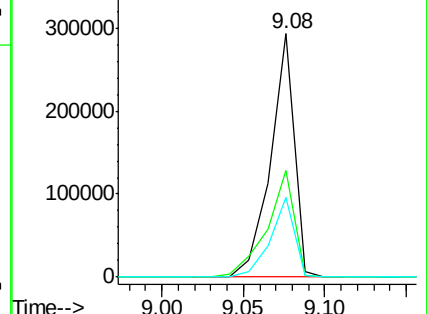
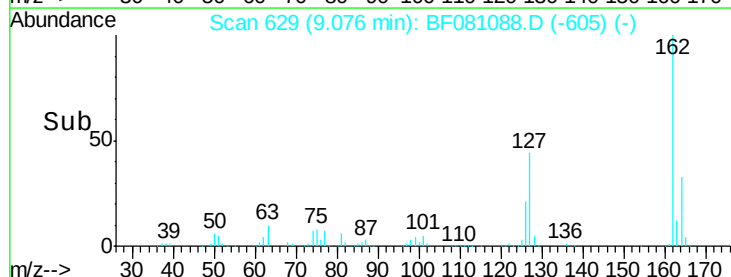
164 32.9 26.3 39.5

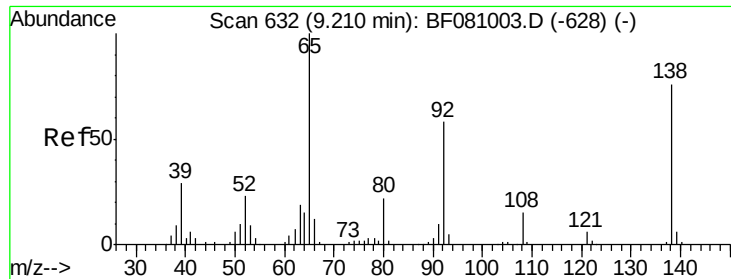


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.70 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampled :

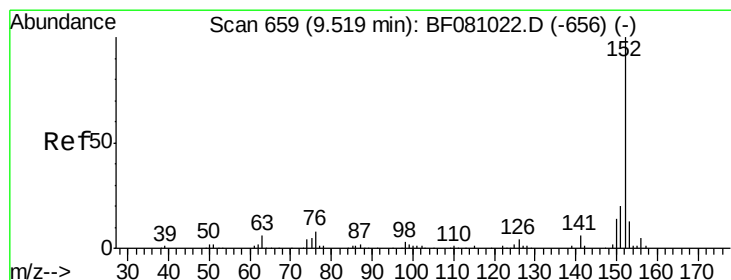
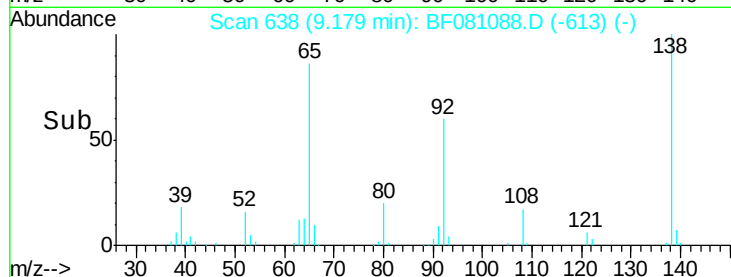
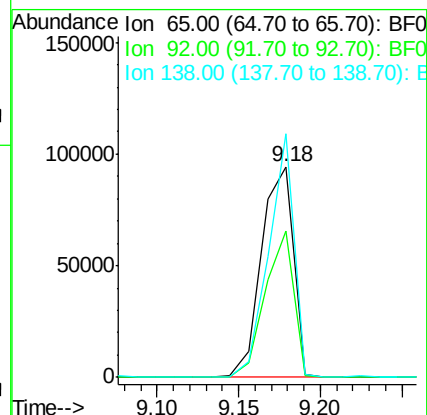
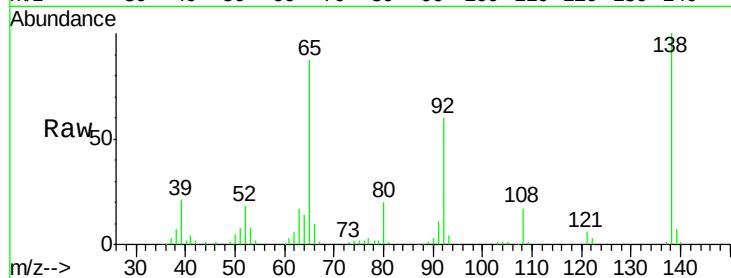
Tot Ion: 65 Resp: 128746

Ion Ratio Lower Upper

65 100

92 69.5 45.6 68.4#

138 115.5 57.9 86.9#



#48

Acenaphthylene

Concen: 35.43 ng

RT: 9.49 min Scan# 665

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

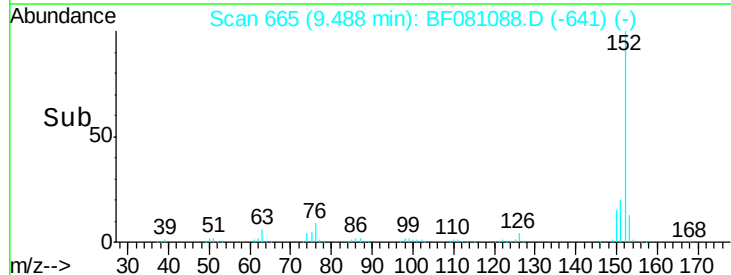
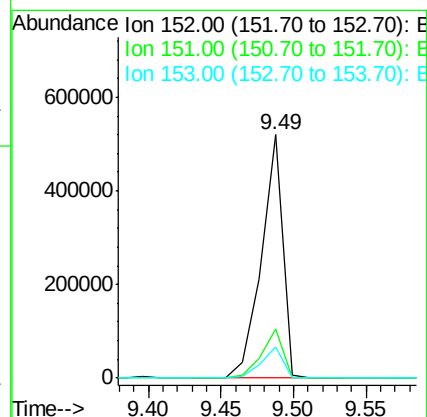
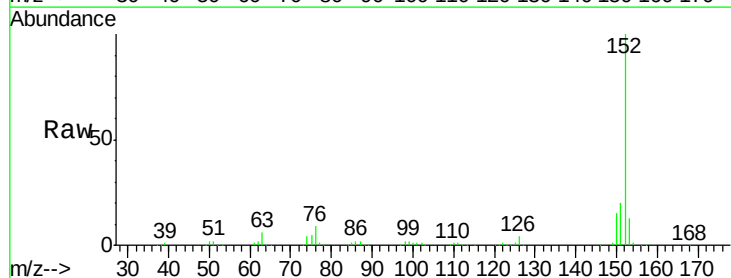
Tgt Ion: 152 Resp: 528885

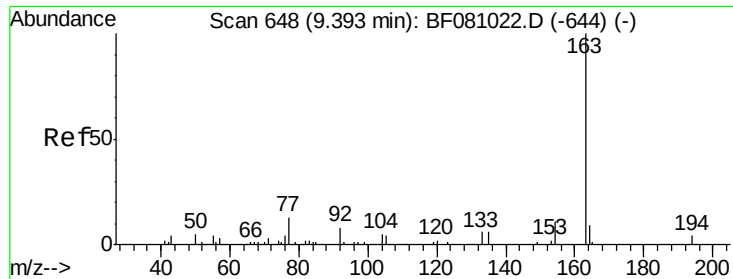
Ion Ratio Lower Upper

152 100

151 20.1 16.1 24.1

153 12.9 9.8 14.6

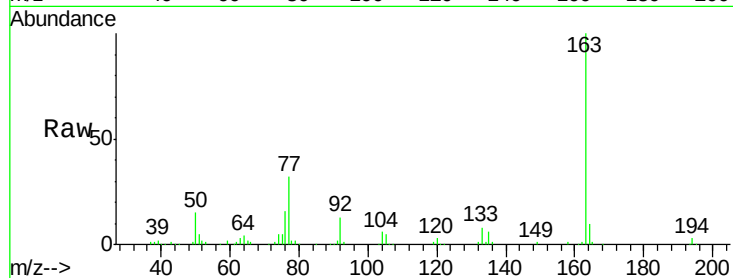




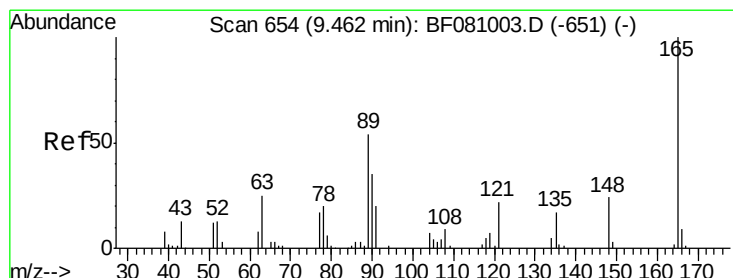
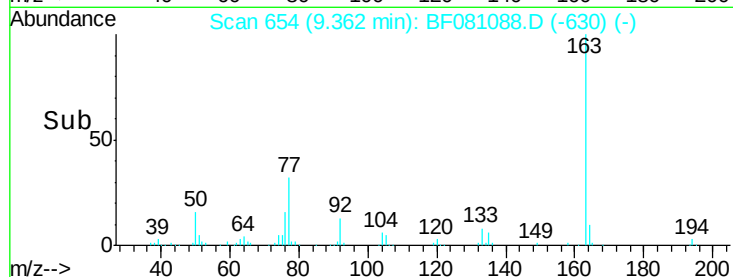
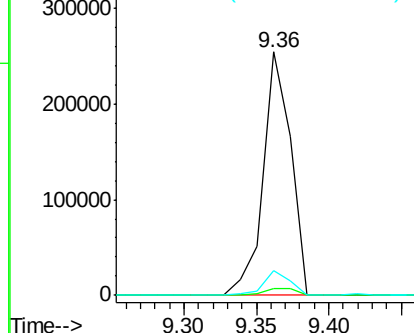
#49
Dimethylphthalate
Concen: 34.61 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 336207
Ion Ratio Lower Upper
163 100
194 2.9 2.5 3.7
164 10.4 8.1 12.1

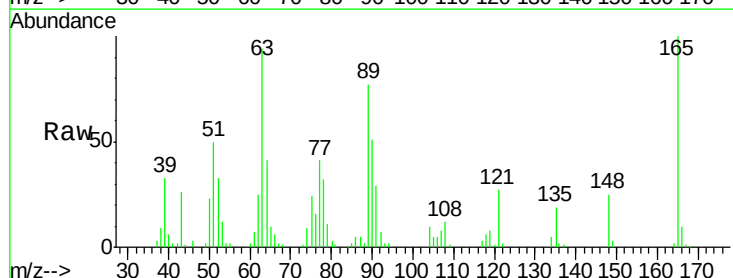


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

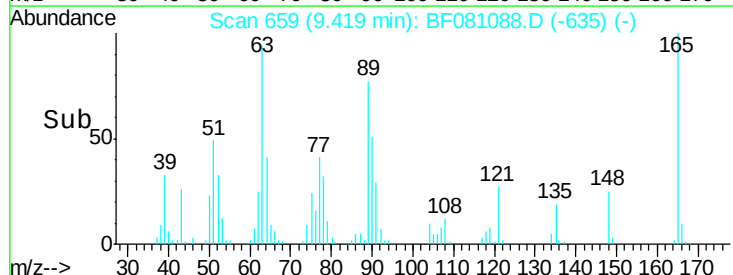
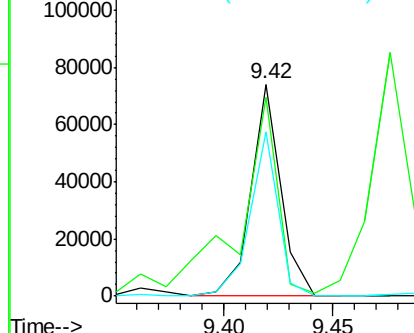


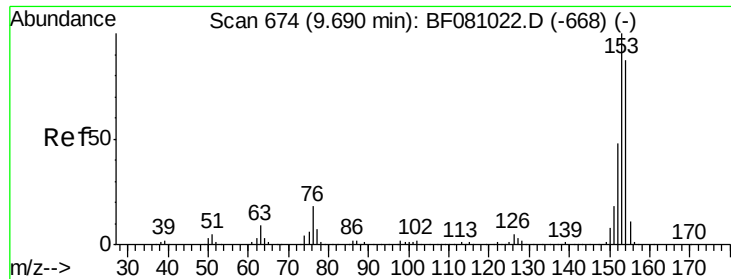
#50
2,6-Dinitrotoluene
Concen: 33.88 ng
RT: 9.42 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion:165 Resp: 70645
Ion Ratio Lower Upper
165 100
63 94.0 49.5 74.3#
89 77.3 47.6 71.4#



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





#51

Acenaphthene

Concen: 35.37 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

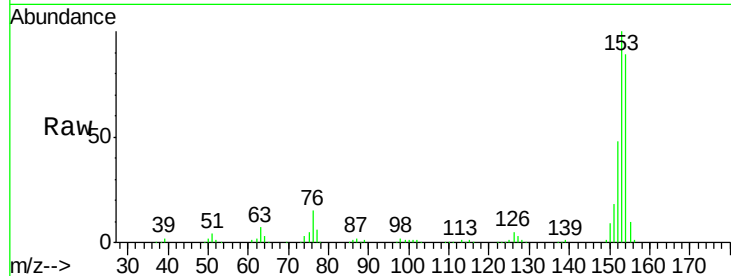
Tot Ion:154 Resp: 316123

Ion Ratio Lower Upper

154 100

153 112.9 91.4 137.2

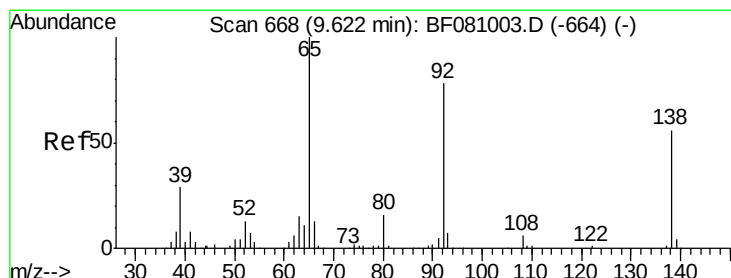
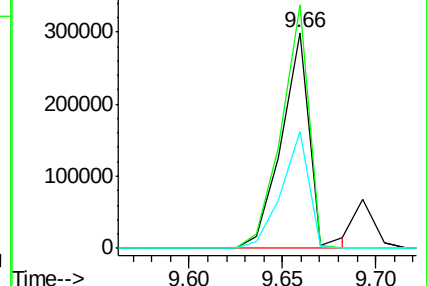
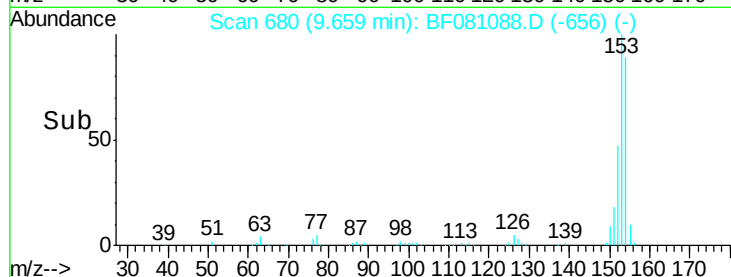
152 54.0 43.7 65.5



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: 17.23 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

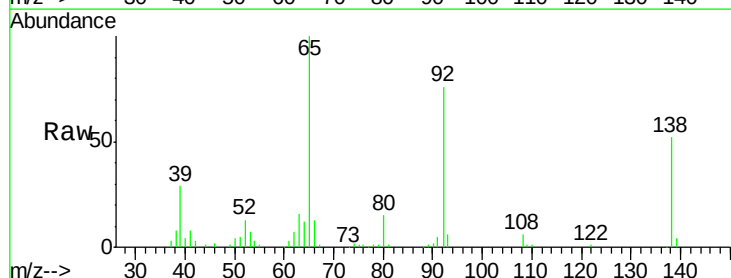
Tgt Ion:138 Resp: 44970

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.2

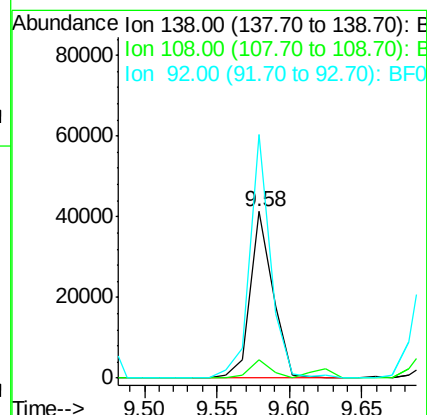
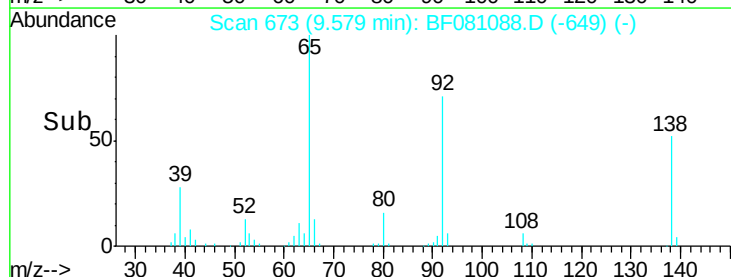
92 146.5 113.2 169.8

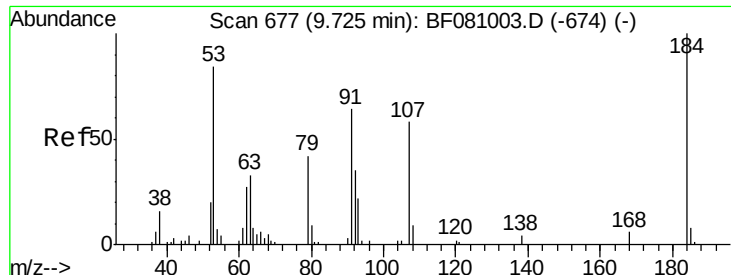


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

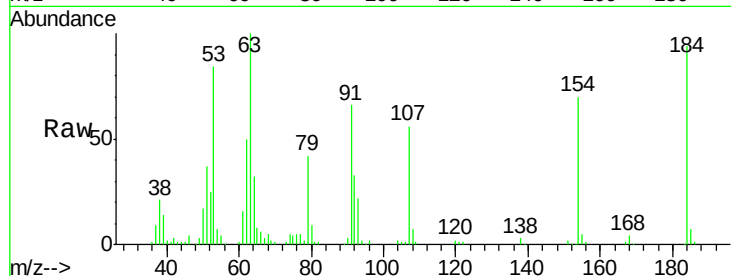




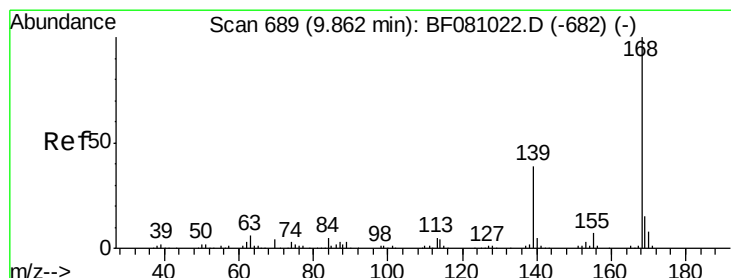
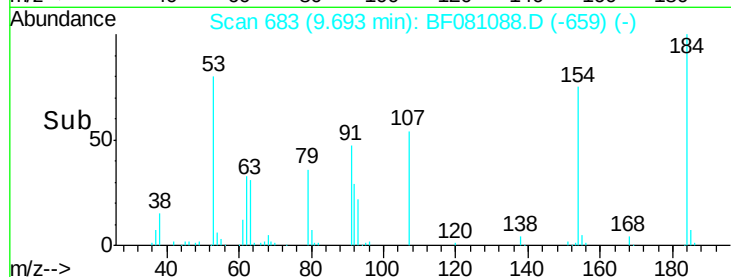
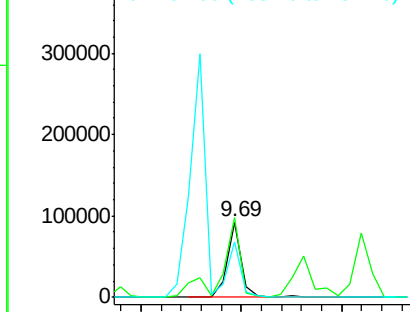
#53
2,4-Dinitrophenol
Concen: 78.32 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 90781
Ion Ratio Lower Upper
184 100
63 106.7 101.7 152.5
154 74.8 67.4 101.0

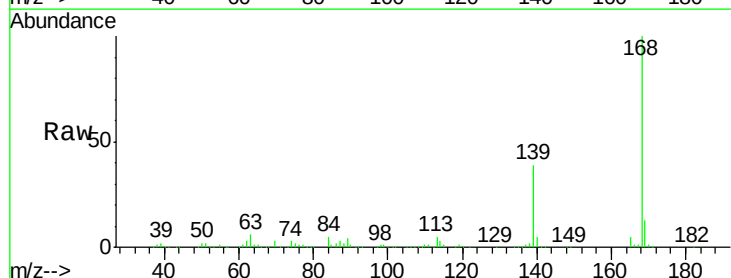


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

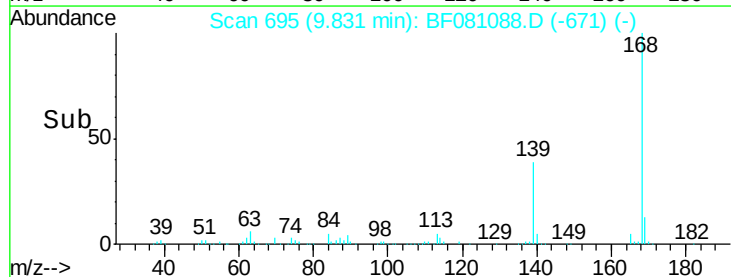
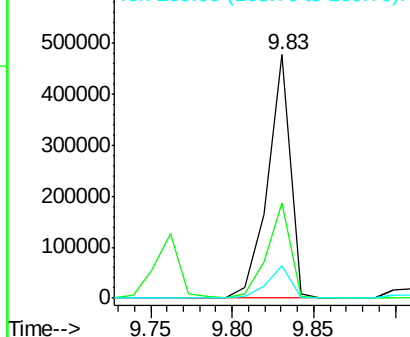


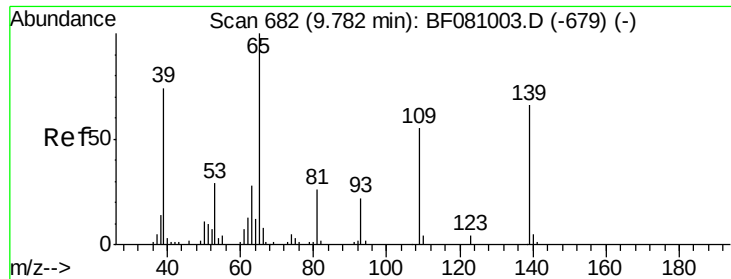
#54
Dibenzofuran
Concen: 38.39 ng
RT: 9.83 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion:168 Resp: 459775
Ion Ratio Lower Upper
168 100
139 39.1 29.3 43.9
169 13.4 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 73.75 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampled :

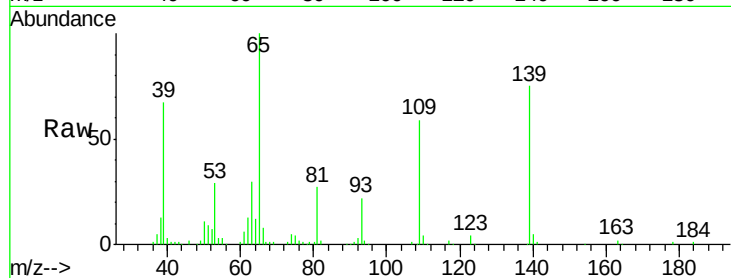
Tot Ion:139 Resp: 135169

Ion Ratio Lower Upper

139 100

109 78.5 80.0 120.0#

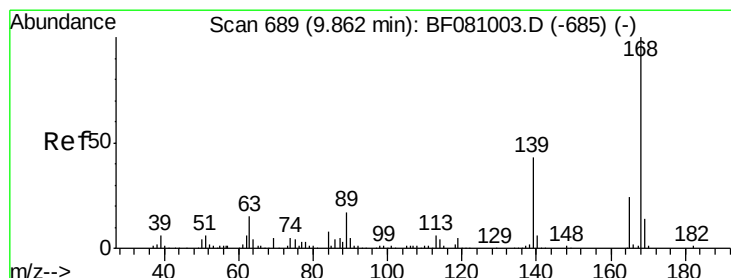
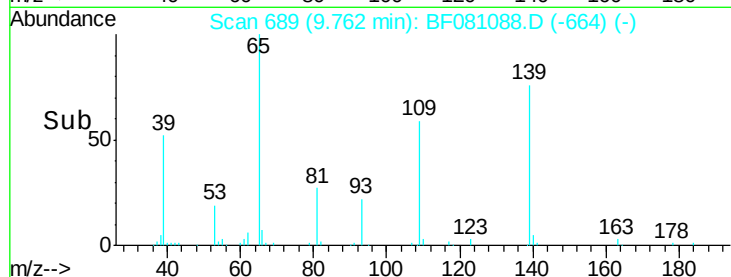
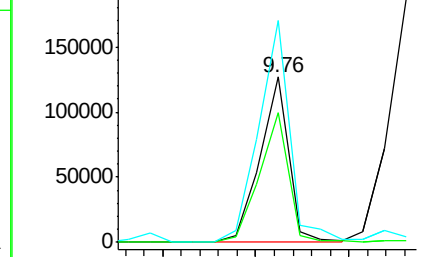
65 134.1 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 33.46 ng

RT: 9.82 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Tgt Ion:165 Resp: 92496

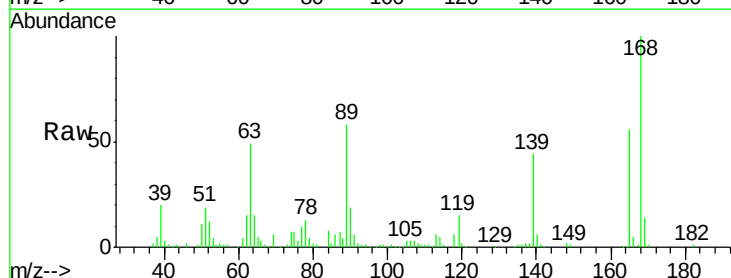
Ion Ratio Lower Upper

165 100

63 87.0 52.2 78.4#

89 104.0 60.1 90.1#

182 2.0 1.8 2.6

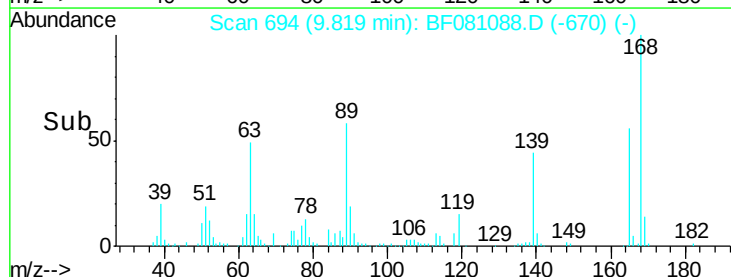
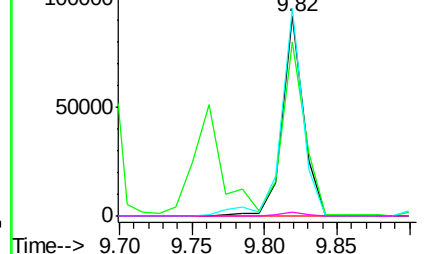


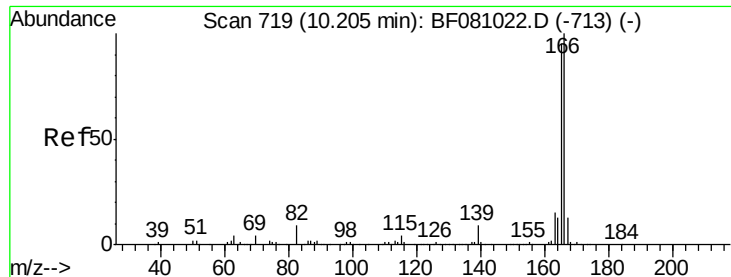
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

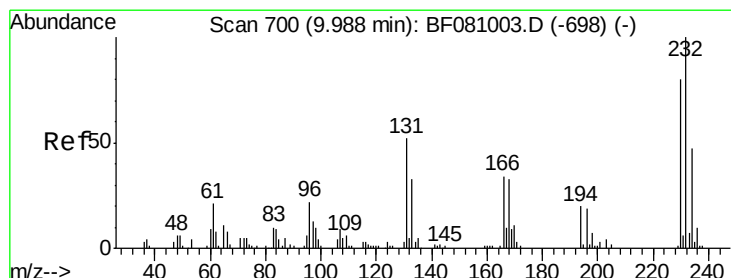
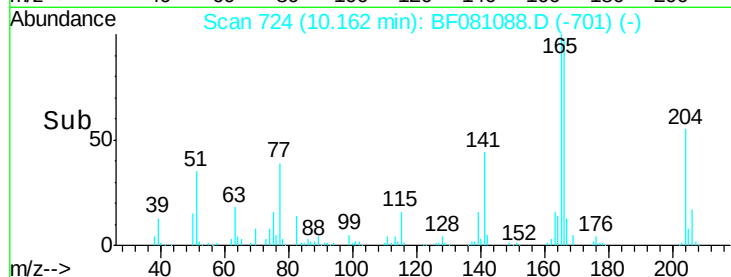
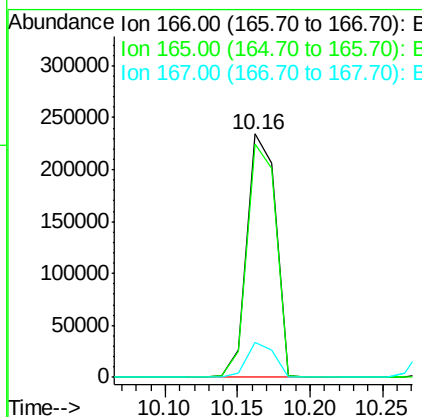
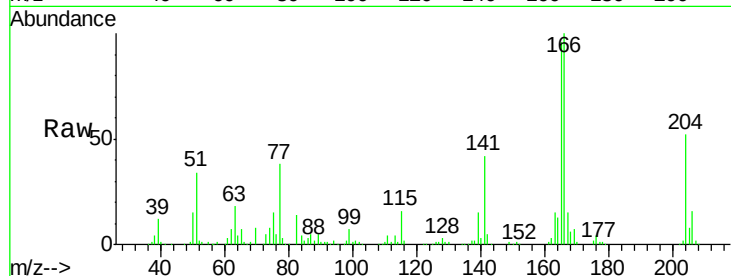




#57
 Fluorene
 Concen: 34.97 ng
 RT: 10.16 min Scan# 724
 Delta R.T. -0.04 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

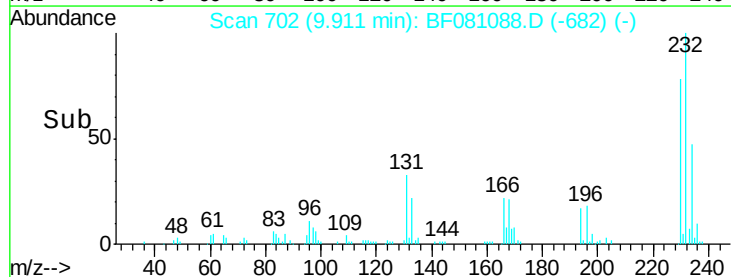
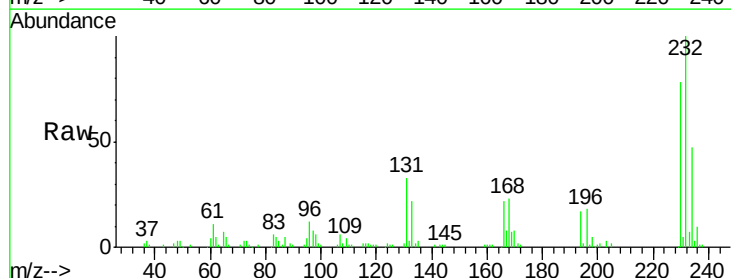
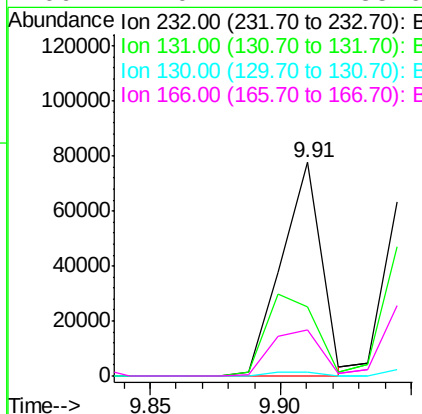
Instrument :
 BNA_F
 ClientSampled :

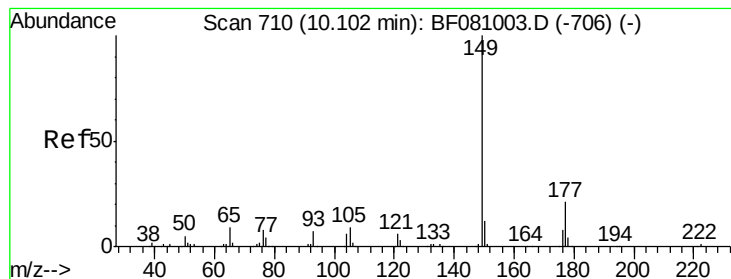
Tot Ion:166 Resp: 322227
 Ion Ratio Lower Upper
 166 100
 165 96.0 75.8 113.8
 167 14.6 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.68 ng
 RT: 9.91 min Scan# 702
 Delta R.T. -0.08 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion:232 Resp: 82518
 Ion Ratio Lower Upper
 232 100
 131 48.1 42.2 63.4
 130 2.3 2.1 3.1
 166 27.0 22.4 33.6





#59

Diethylphthalate

Concen: 35.21 ng

RT: 10.06 min Scan# 715

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

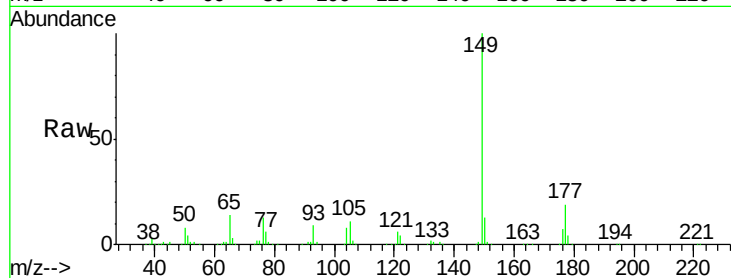
Tot Ion:149 Resp: 362024

Ion Ratio Lower Upper

149 100

177 18.5 14.1 21.1

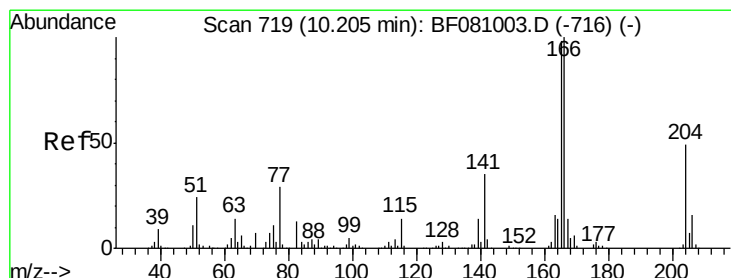
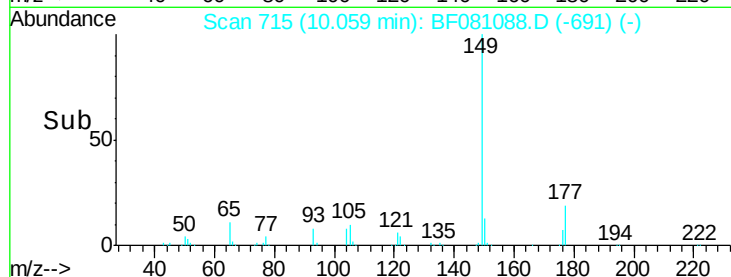
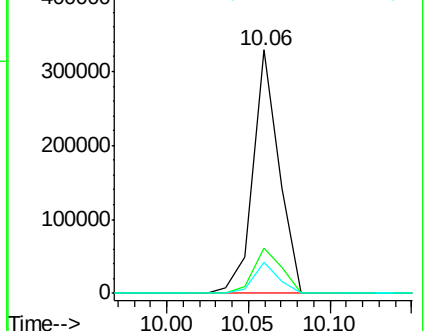
150 12.5 10.3 15.5



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: 36.63 ng

RT: 10.16 min Scan# 724

Delta R.T. -0.04 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

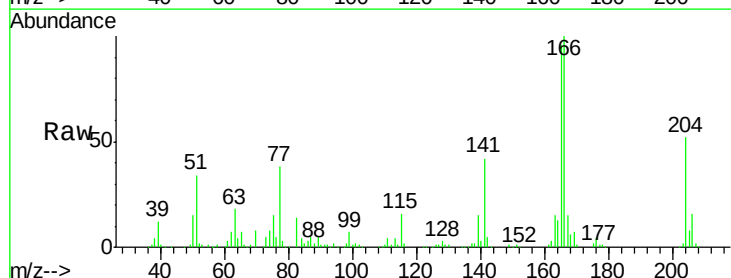
Tgt Ion:204 Resp: 142819

Ion Ratio Lower Upper

204 100

206 31.3 26.2 39.2

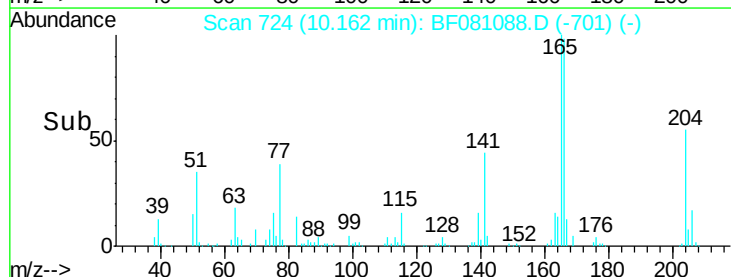
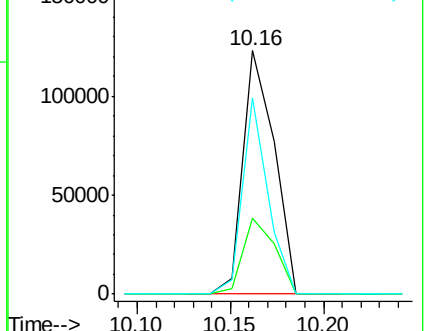
141 80.5 59.6 89.4

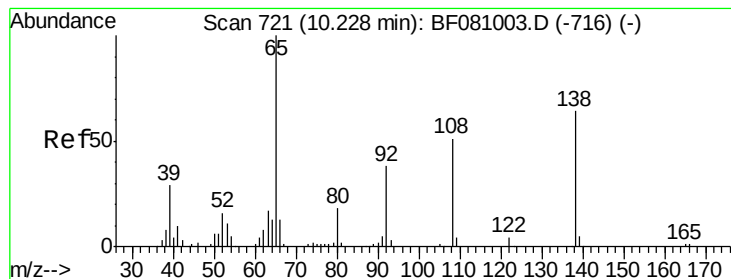


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.71 ng

RT: 10.20 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampled :

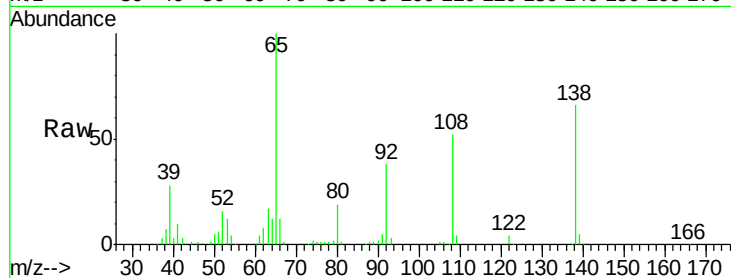
Tot Ion:138 Resp: 84565

Ion Ratio Lower Upper

138 100

92 57.8 34.7 74.7

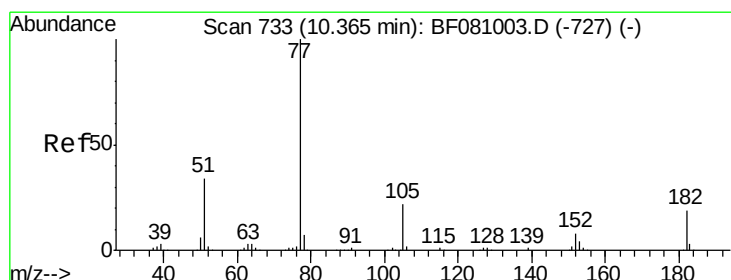
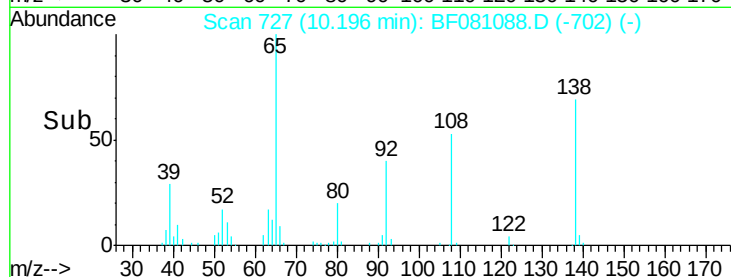
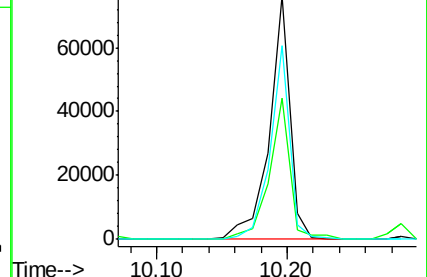
108 79.7 68.9 108.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.55 ng

RT: 10.32 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Tgt Ion: 77 Resp: 444777

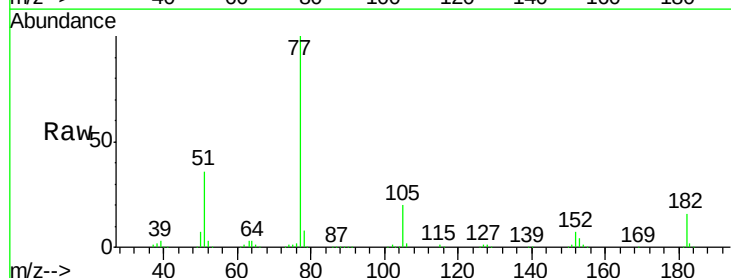
Ion Ratio Lower Upper

77 100

182 15.9 0.0 39.0

105 20.3 0.2 40.2

51 36.1 18.0 58.0

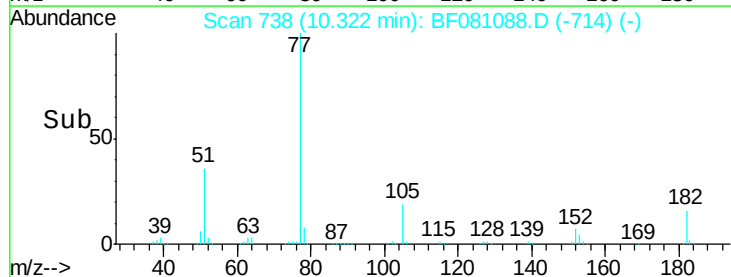
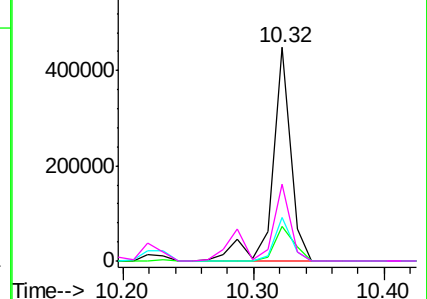


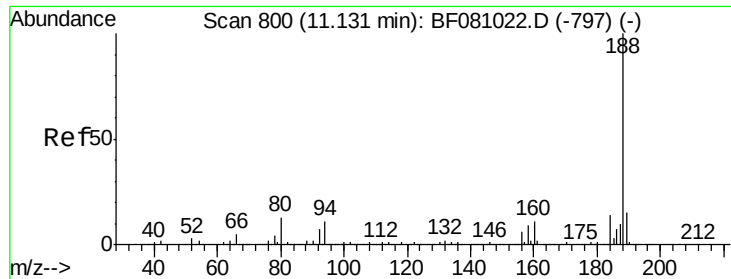
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.09 min Scan# 805

Delta R.T. -0.04 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampled :

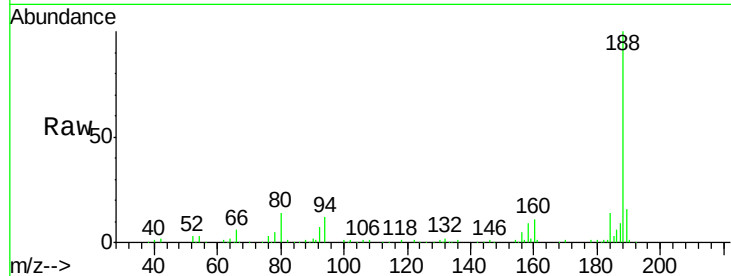
Tot Ion:188 Resp: 223923

Ion Ratio Lower Upper

188 100

94 12.2 8.2 12.2

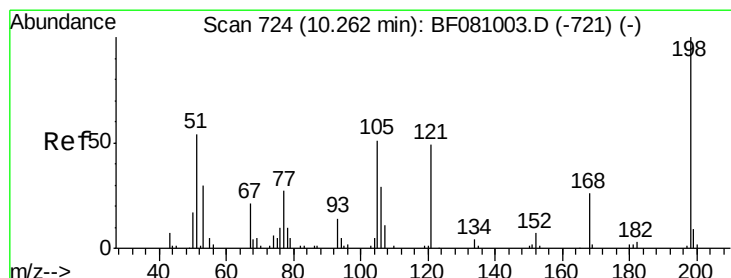
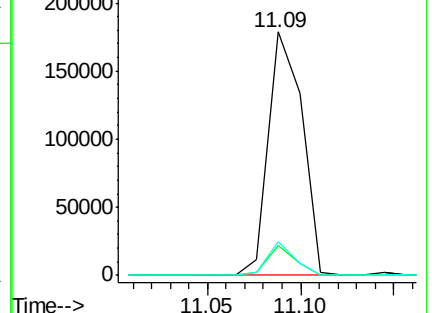
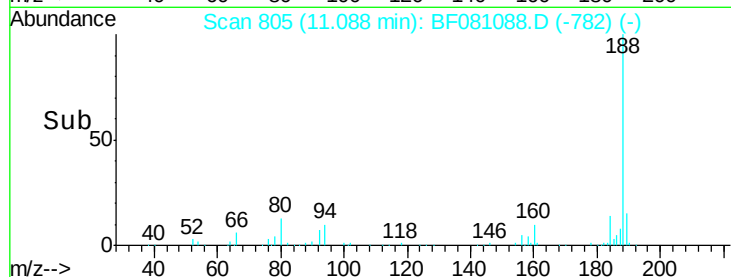
80 13.6 9.5 14.3



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: 48.02 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

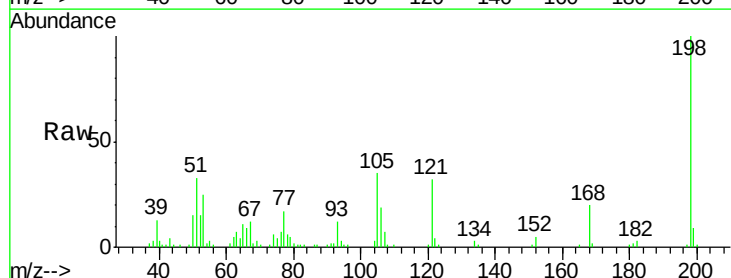
Tgt Ion:198 Resp: 64218

Ion Ratio Lower Upper

198 100

51 33.1 79.7 119.7#

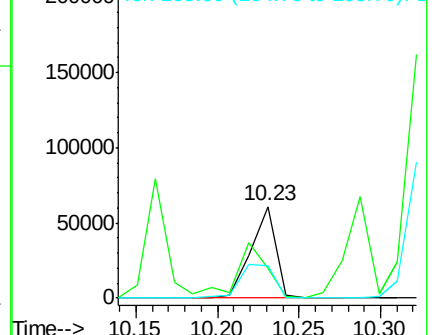
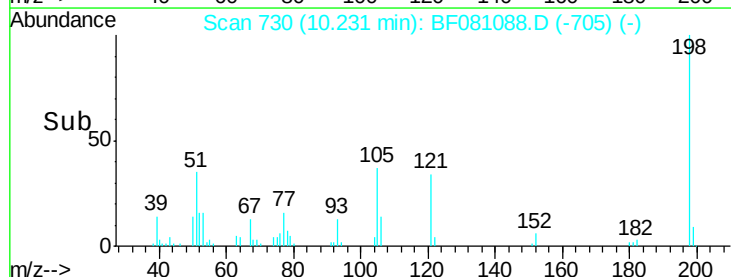
105 34.8 47.0 87.0#

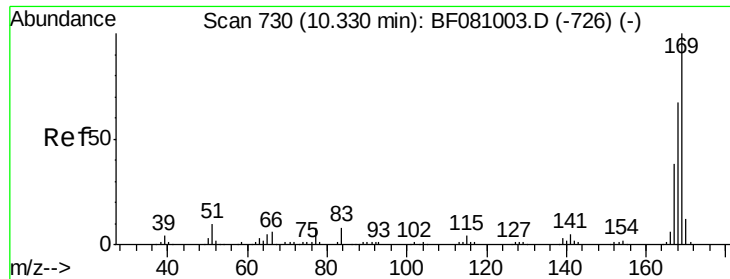


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

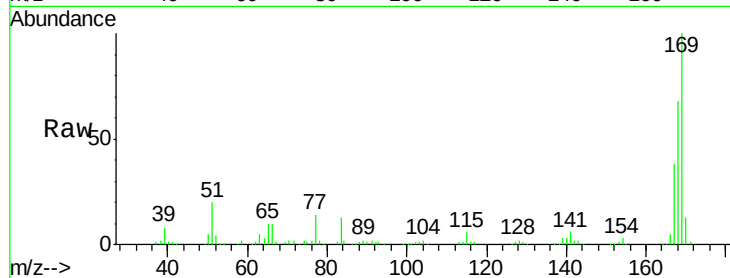




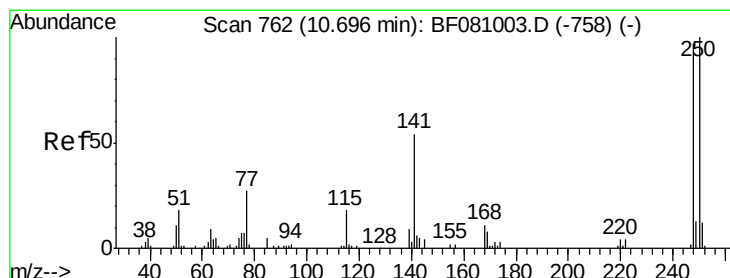
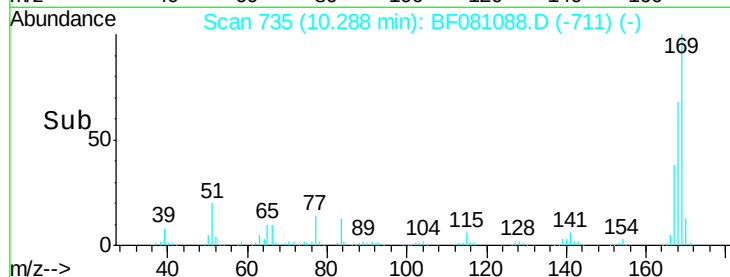
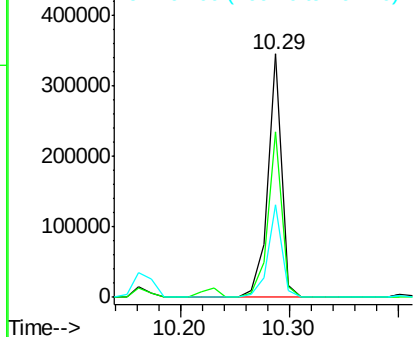
#65
 n-Nitrosodiphenylamine
 Concen: 38.74 ng
 RT: 10.29 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.3	82.9
167	37.9	30.8	46.2

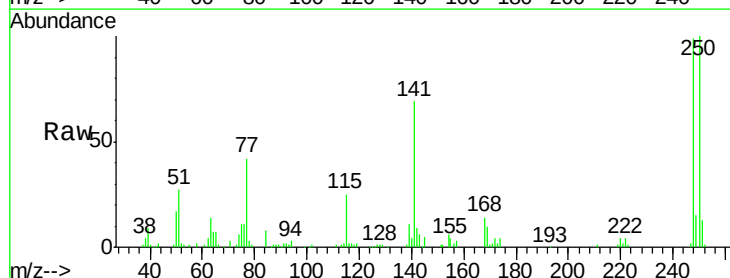


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

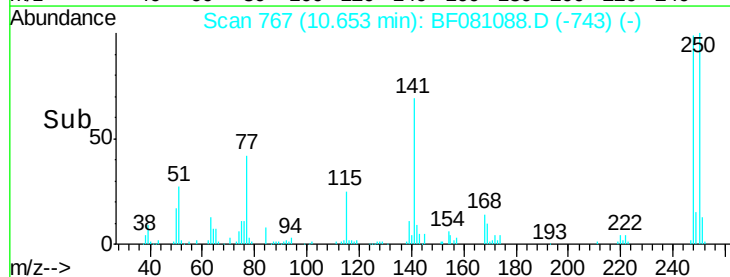
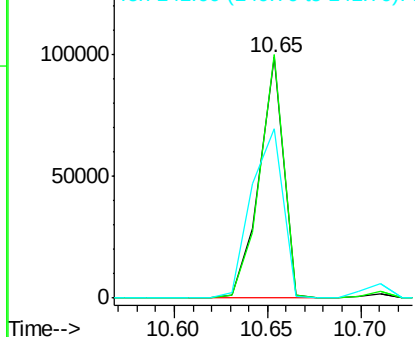


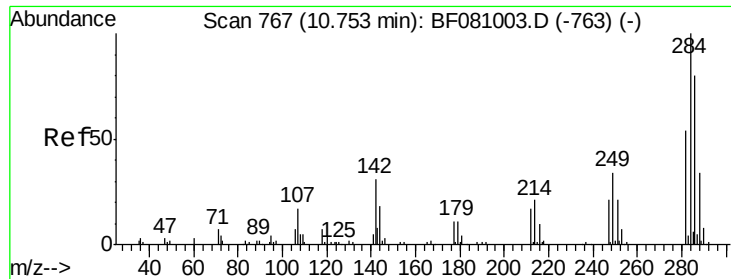
#66
 4-Bromophenyl-phenylether
 Concen: 40.68 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.1	77.8	116.6
141	70.3	39.8	59.6



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

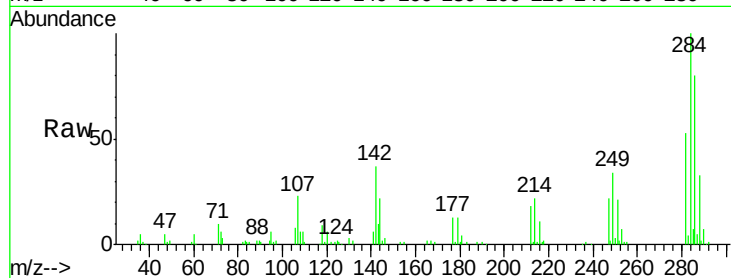




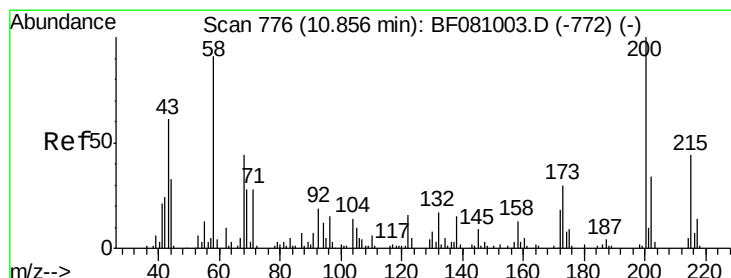
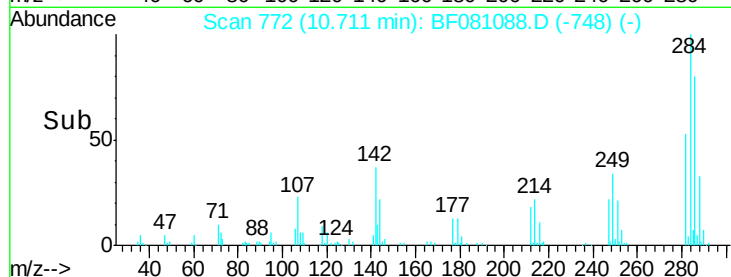
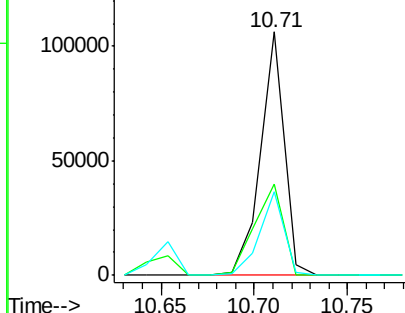
#67
Hexachlorobenzene
Concen: 41.62 ng
RT: 10.71 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 92728
Ion Ratio Lower Upper
284 100
142 37.3 25.4 38.0
249 34.1 28.5 42.7

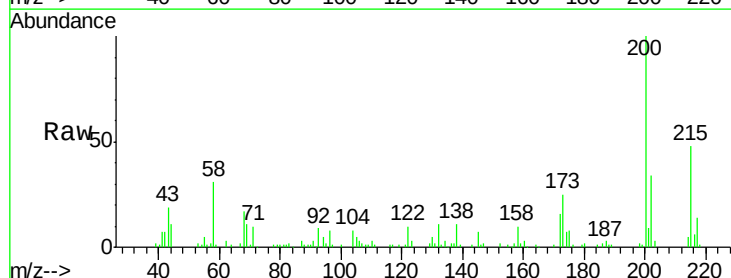


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

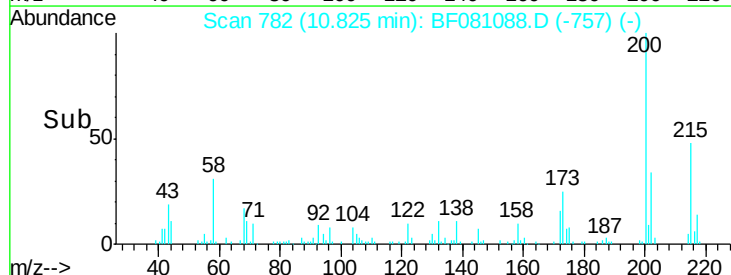
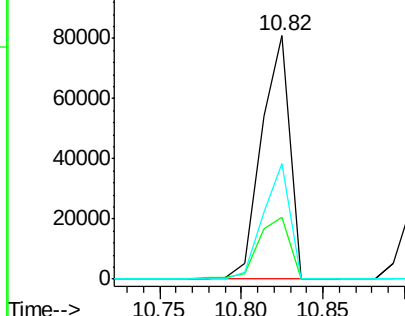


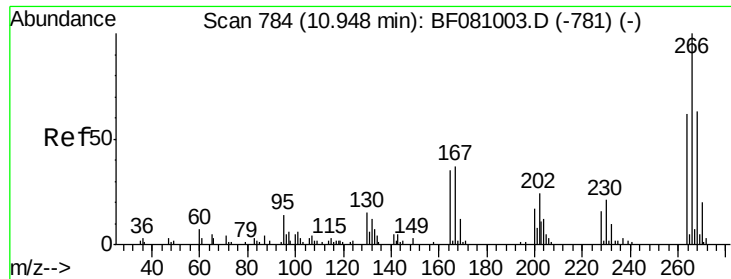
#68
Atrazine
Concen: 43.52 ng
RT: 10.82 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion:200 Resp: 96916
Ion Ratio Lower Upper
200 100
173 25.2 8.1 48.1
215 47.6 23.3 63.3



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

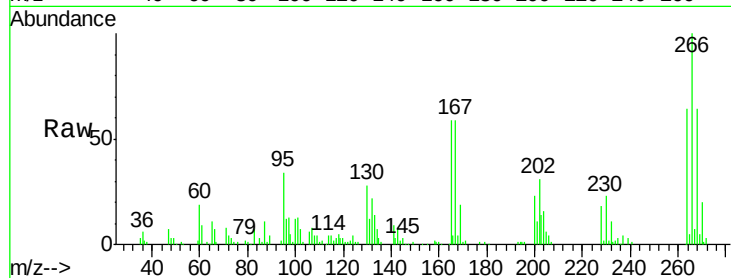




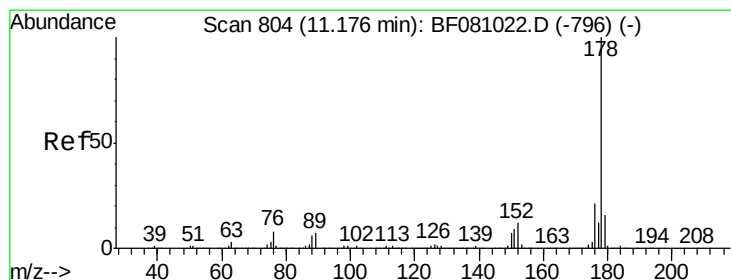
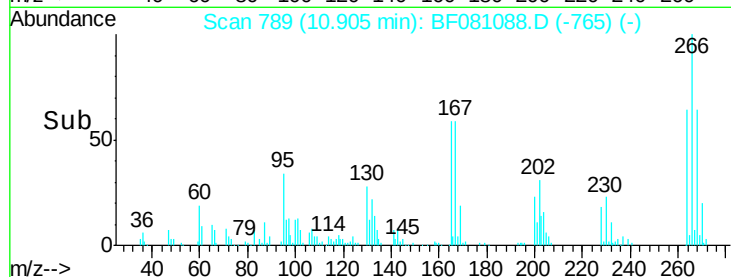
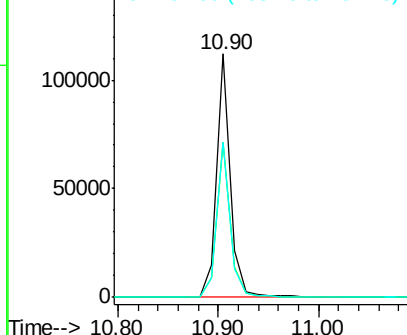
#69
 Pentachlorophenol
 Concen: 79.53 ng
 RT: 10.90 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 106311
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.2 76.8
 264 63.7 50.6 75.8

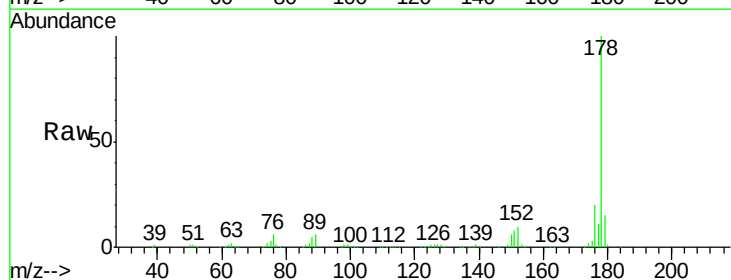


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

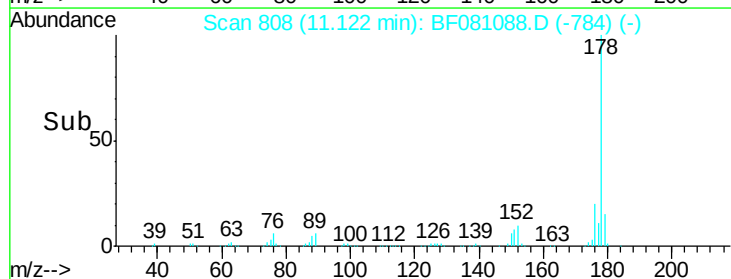
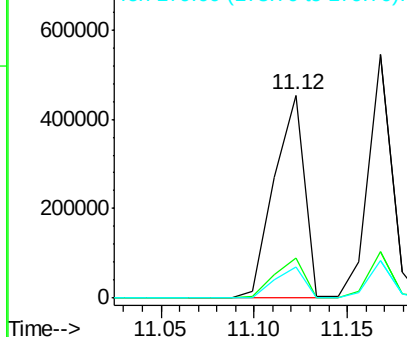


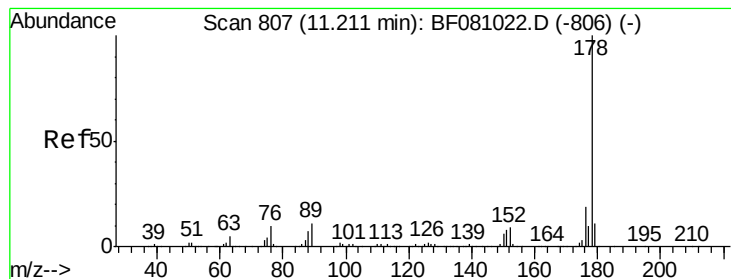
#70
 Phenanthrene
 Concen: 38.65 ng
 RT: 11.12 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion:178 Resp: 512931
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 15.3 12.2 18.2



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





#71

Anthracene

Concen: 36.45 ng

RT: 11.17 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

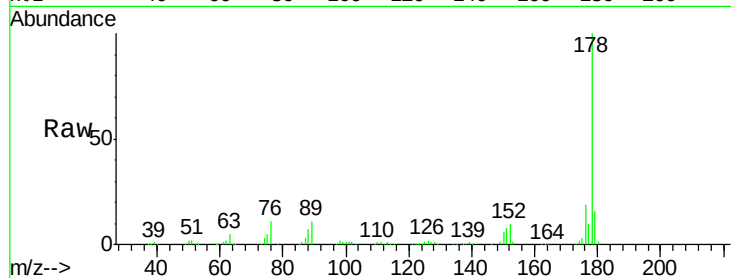
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 470697

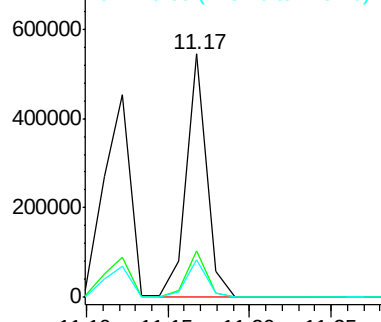
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.6	12.7	19.1



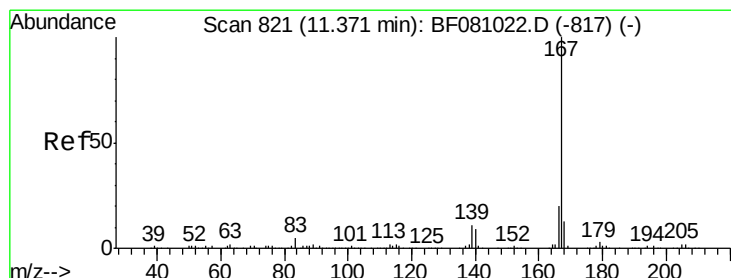
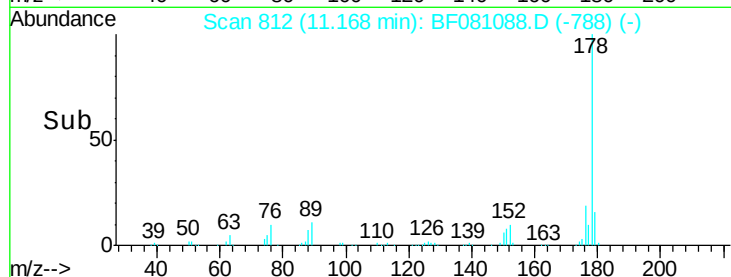
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.10 11.15 11.20 11.25



#72

Carbazole

Concen: 40.73 ng

RT: 11.33 min Scan# 826

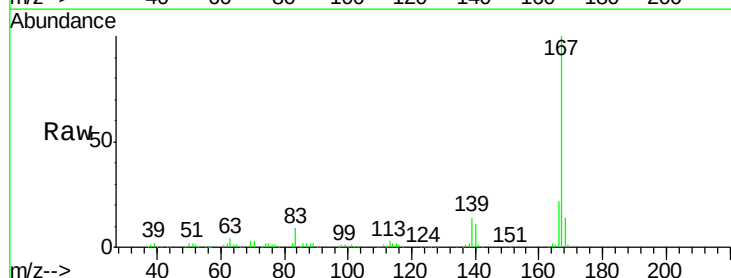
Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Tgt Ion:167 Resp: 506433

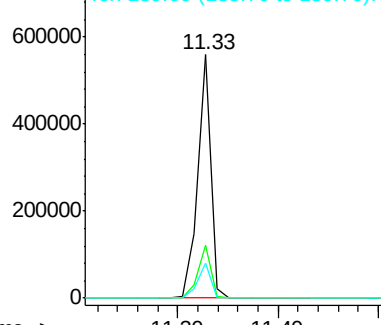
Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	14.4	10.6	16.0



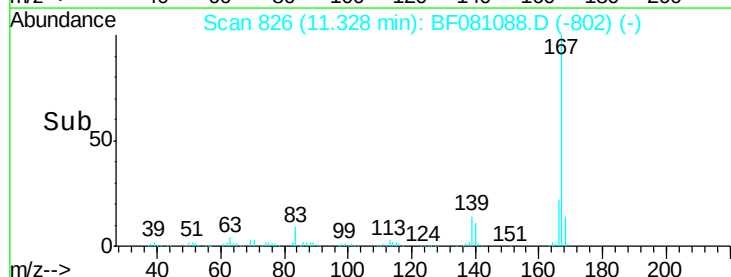
Abundance Ion 167.00 (166.70 to 167.70): E

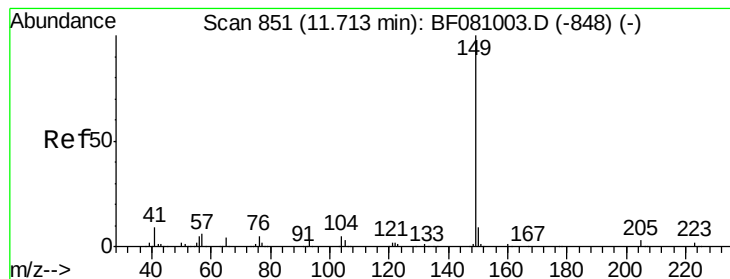
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 11.30 11.40





#73

Di-n-butylphthalate

Concen: 37.42 ng

RT: 11.67 min Scan# 856

Delta R.T. -0.04 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

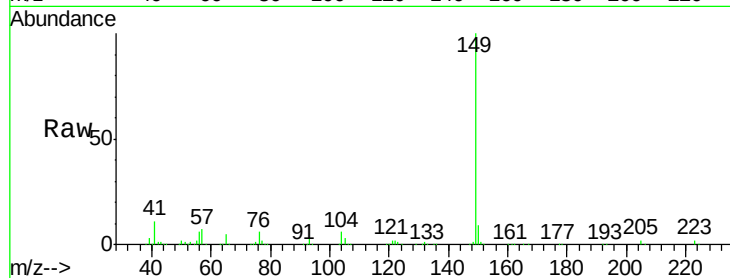
Tot Ion:149 Resp: 562944

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

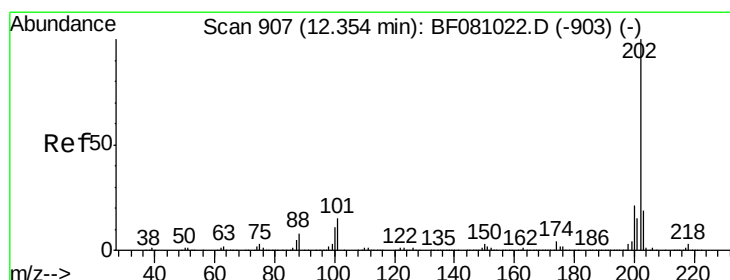
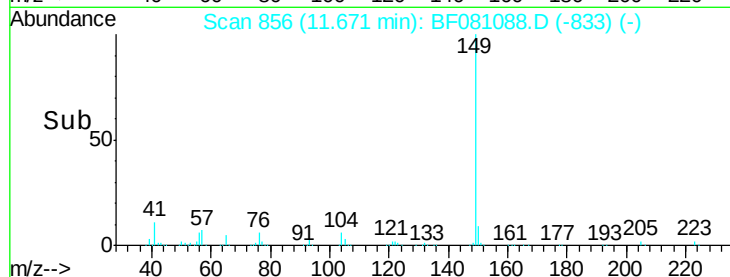
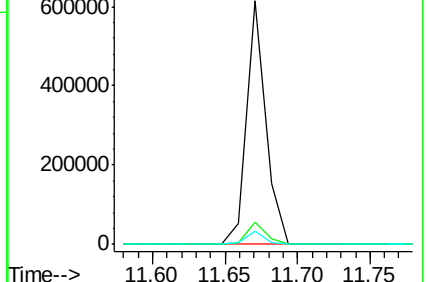
104 5.6 3.9 5.9



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: 38.71 ng

RT: 12.29 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

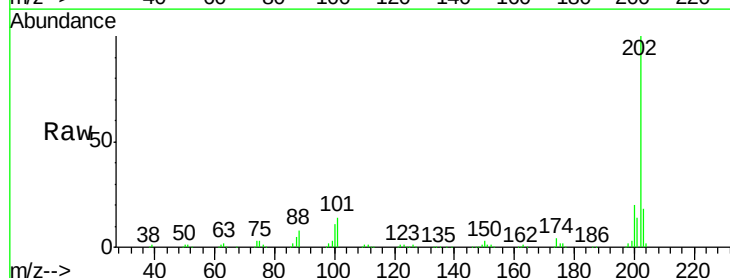
Tgt Ion:202 Resp: 554378

Ion Ratio Lower Upper

202 100

101 13.8 0.0 24.8

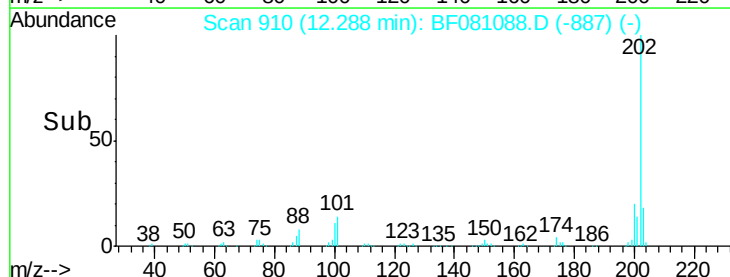
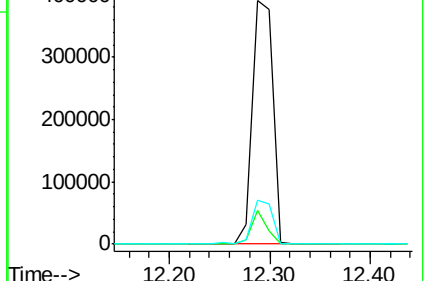
203 18.0 0.0 36.9

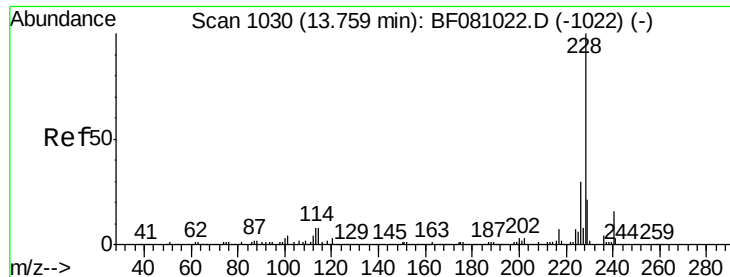


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.72 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

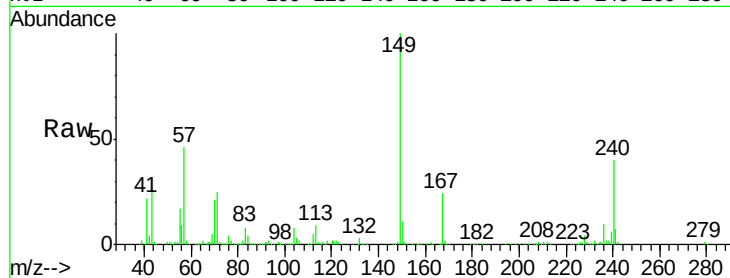
Tot Ion:240 Resp: 174261

Ion Ratio Lower Upper

240 100

120 6.2 5.6 8.4

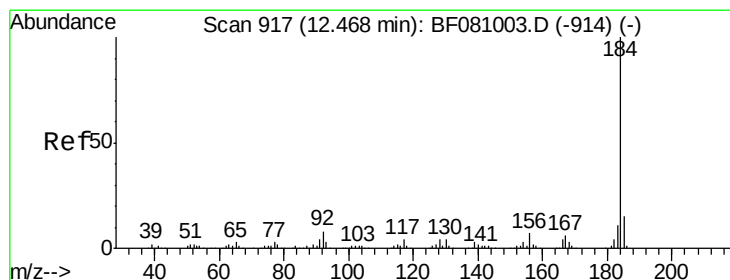
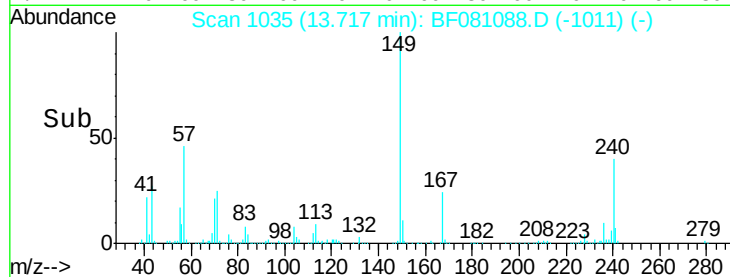
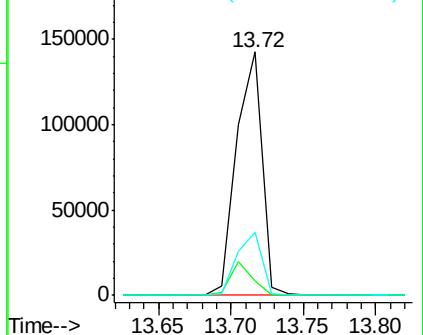
236 25.7 20.6 30.8



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: 27.59 ng

RT: 12.43 min Scan# 922

Delta R.T. -0.04 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

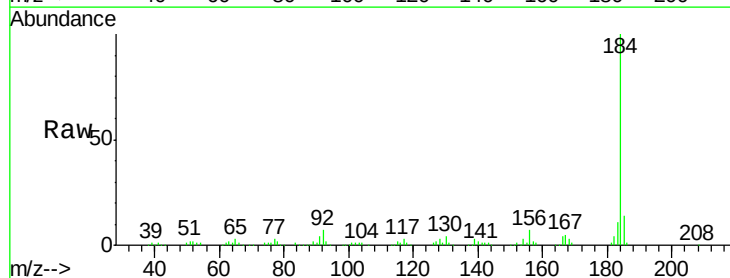
Tgt Ion:184 Resp: 181637

Ion Ratio Lower Upper

184 100

185 13.7 12.0 18.0

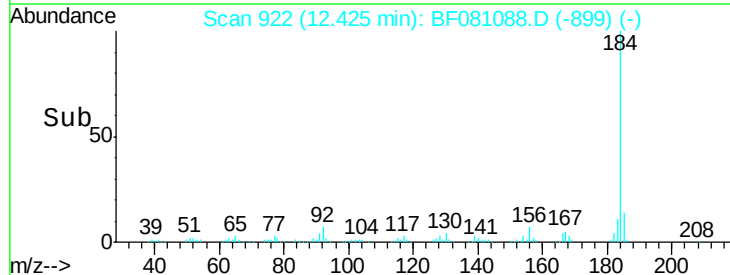
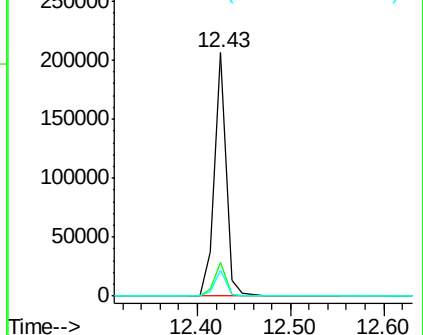
183 10.7 8.9 13.3

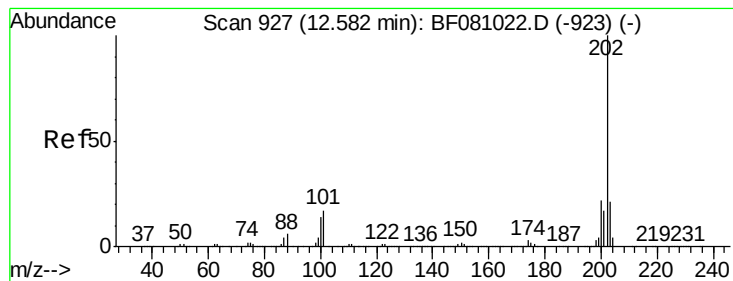


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.23 ng

RT: 12.52 min Scan# 930

Delta R.T. -0.04 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

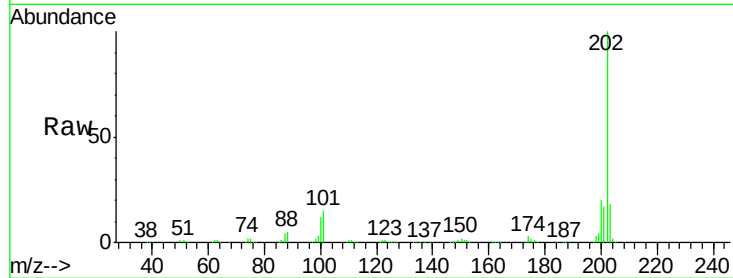
Tot Ion:202 Resp: 527443

Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

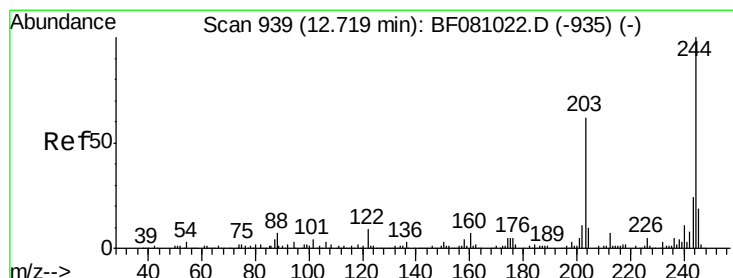
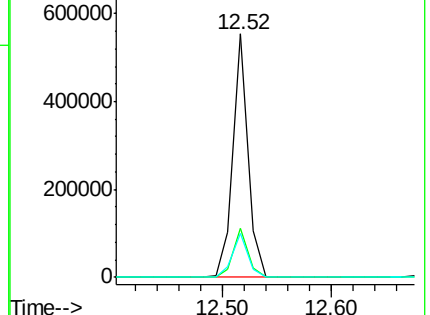
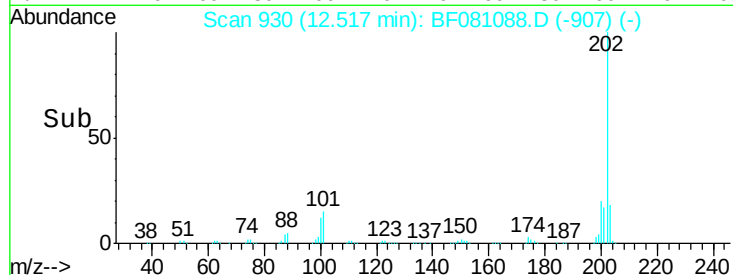
203 18.0 14.1 21.1



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: 74.64 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

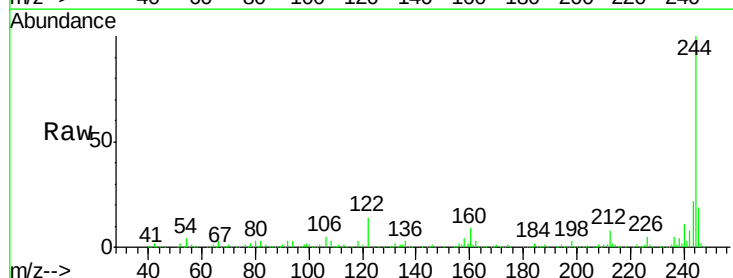
Tgt Ion:244 Resp: 606686

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

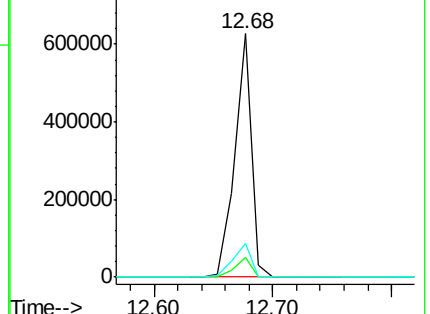
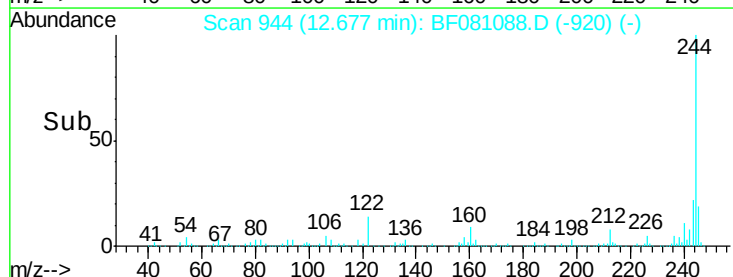
122 13.8 8.2 12.4#

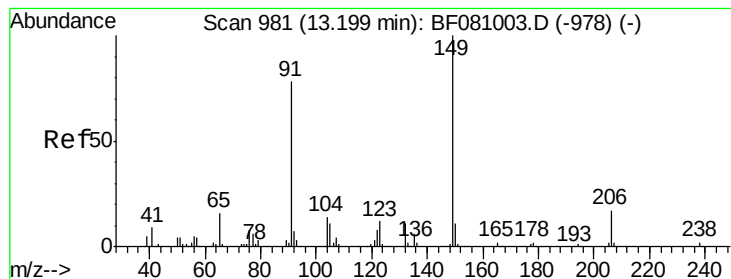


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.25 ng

RT: 13.16 min Scan# 986

Delta R.T. -0.04 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

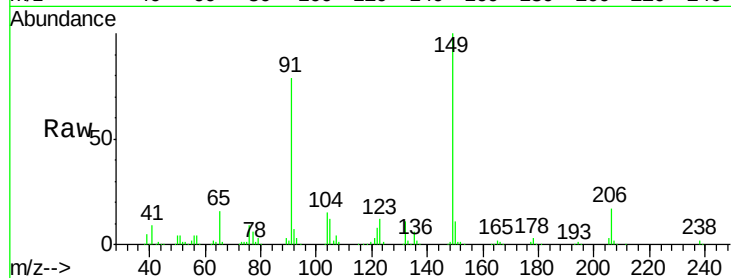
Tot Ion:149 Resp: 269468

Ion Ratio Lower Upper

149 100

91 78.8 46.9 70.3#

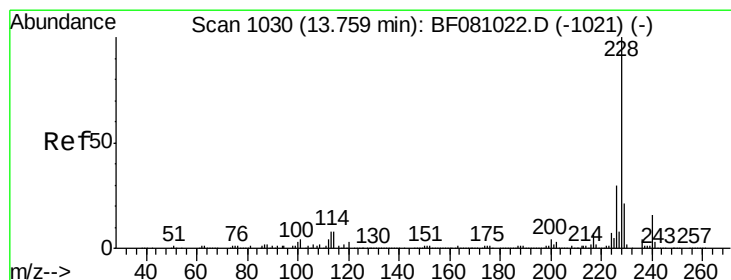
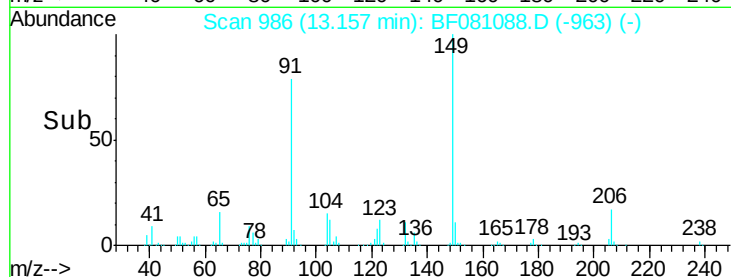
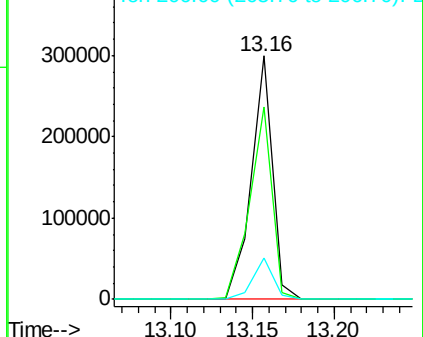
206 16.8 17.0 25.4#



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: 42.59 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

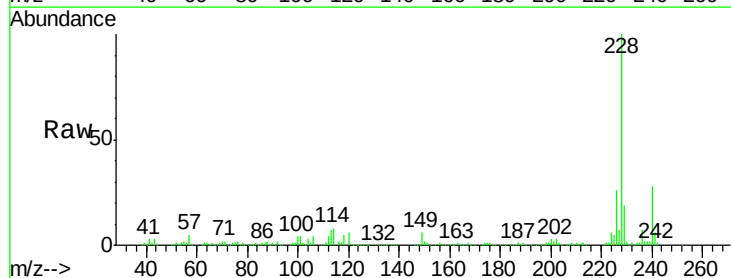
Tgt Ion:228 Resp: 497772

Ion Ratio Lower Upper

228 100

226 26.0 22.3 33.5

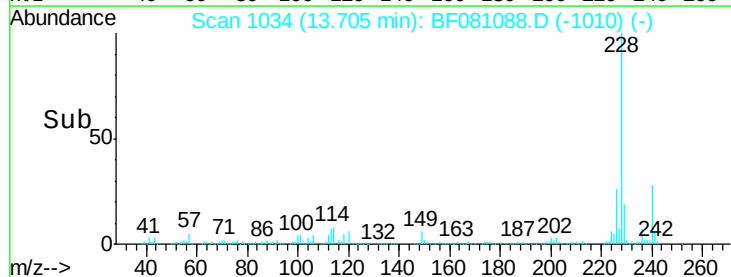
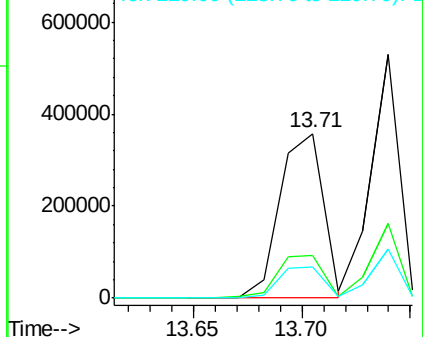
229 19.3 15.9 23.9

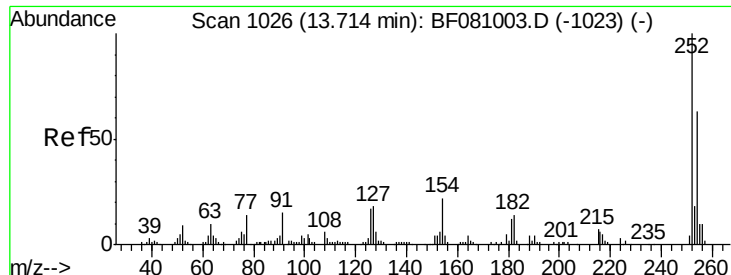


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

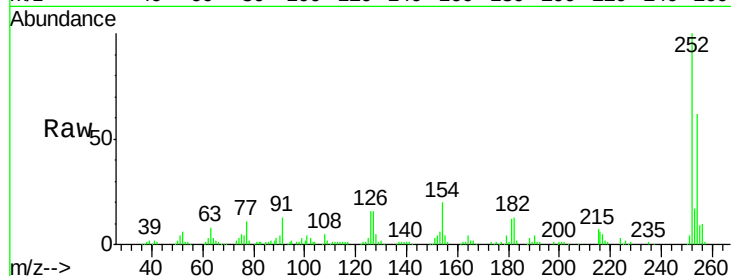




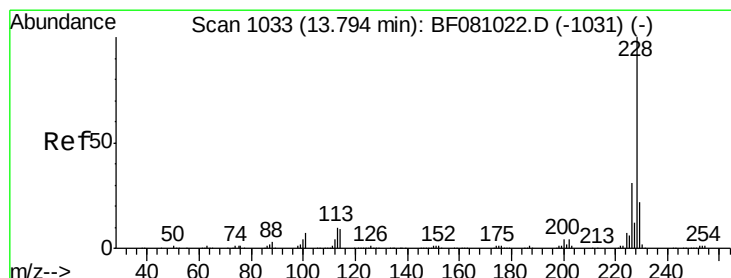
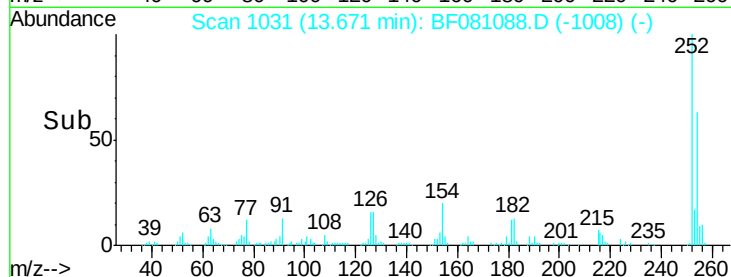
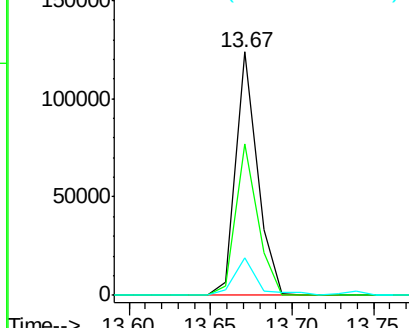
#81
 3,3'-Dichlorobenzidine
 Concen: 29.86 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.04 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.5	77.3
126	15.5	12.5	18.7

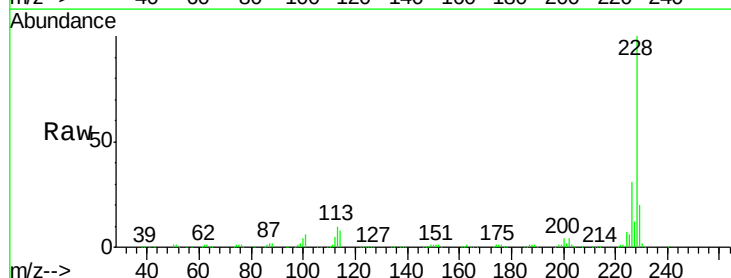


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

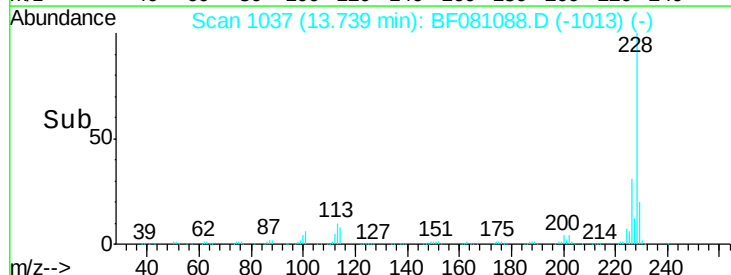
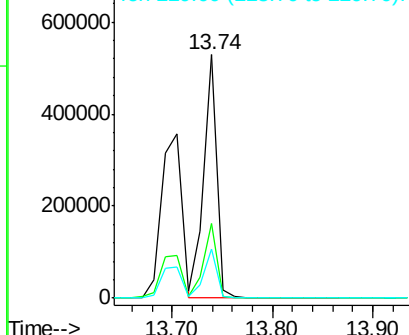


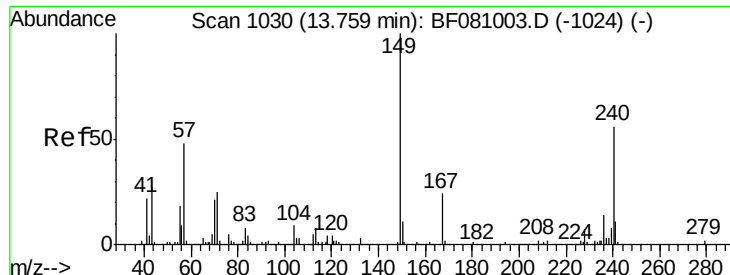
#82
 Chrysene
 Concen: 45.55 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	20.1	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.82 ng

RT: 13.72 min Scan# 1035

Delta R.T. -0.04 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampled :

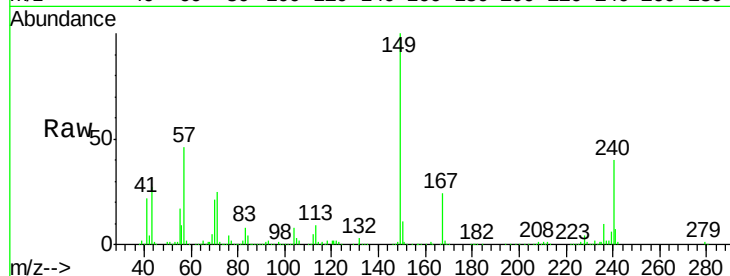
Tot Ion:149 Resp: 349556

Ion Ratio Lower Upper

149 100

167 24.4 20.7 31.1

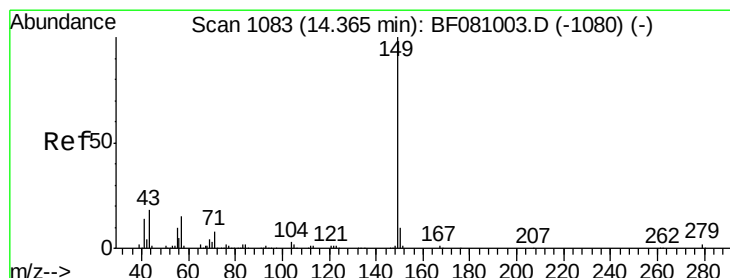
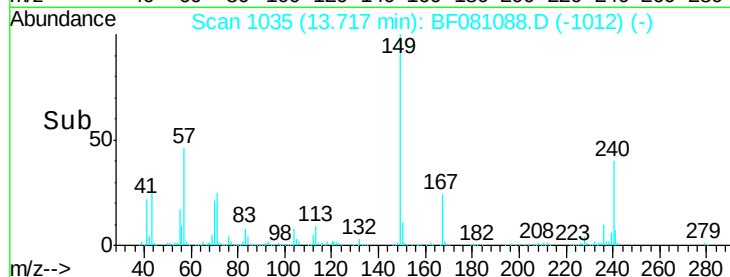
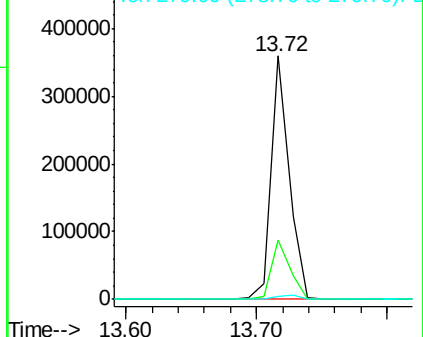
279 1.5 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.09 ng

RT: 14.32 min Scan# 1088

Delta R.T. -0.04 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

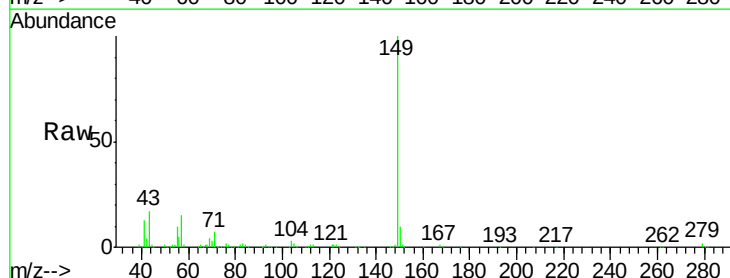
Tgt Ion:149 Resp: 605655

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

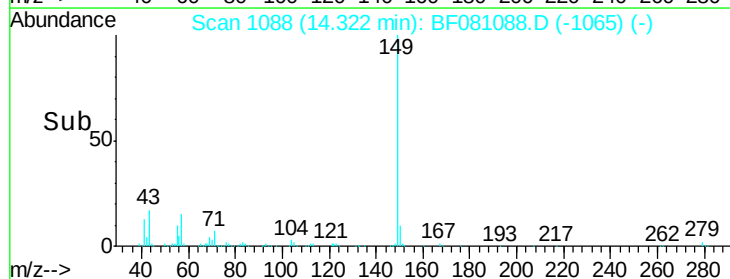
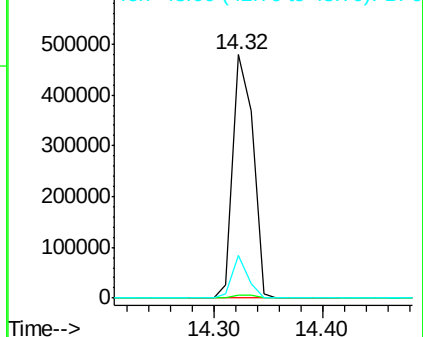
43 14.0 11.6 17.4

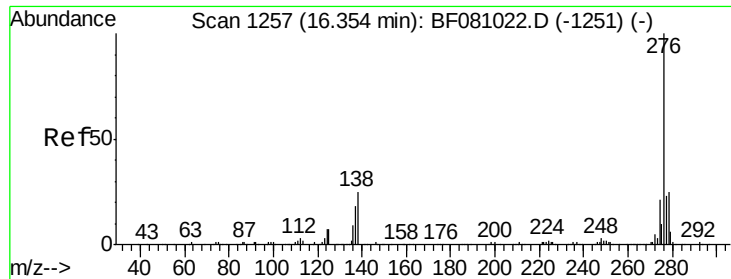


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

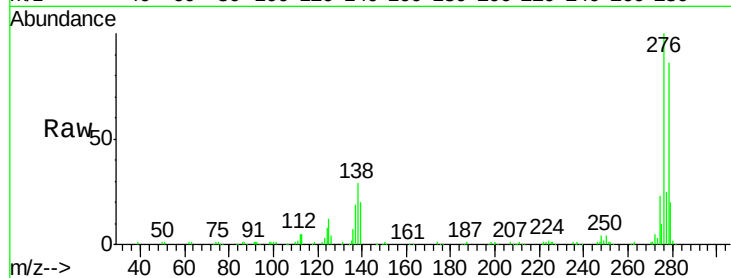




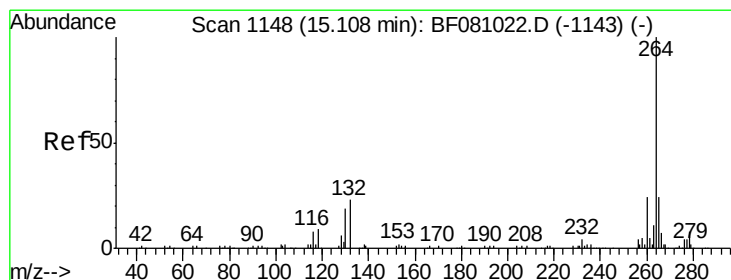
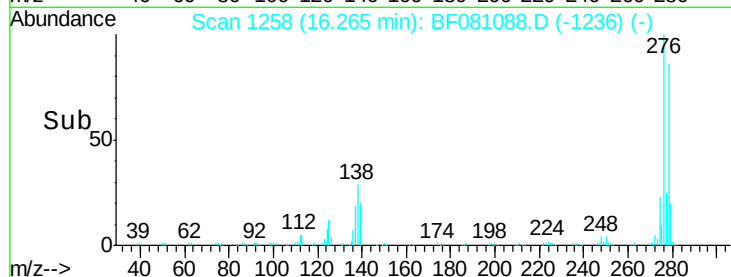
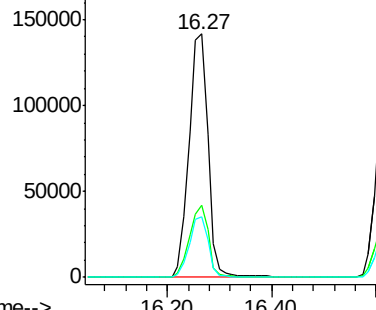
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.84 ng
 RT: 16.27 min Scan# 1258
 Delta R.T. -0.05 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	18.6	28.0#
277	24.7	19.8	29.8

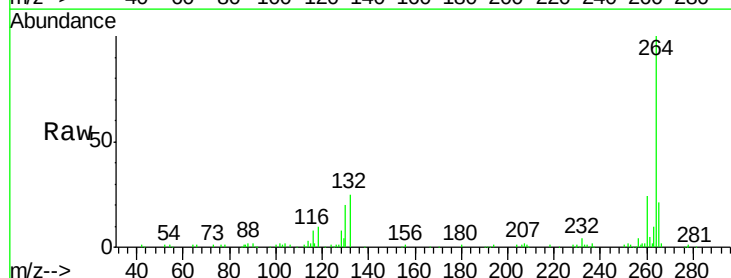


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

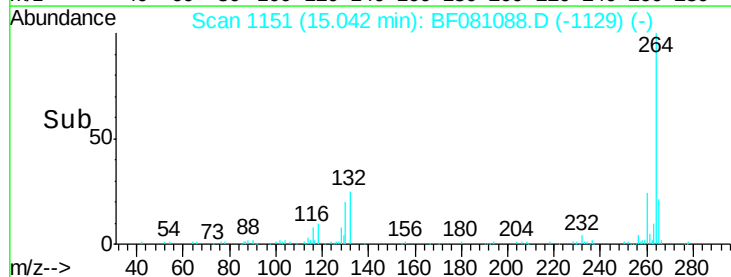
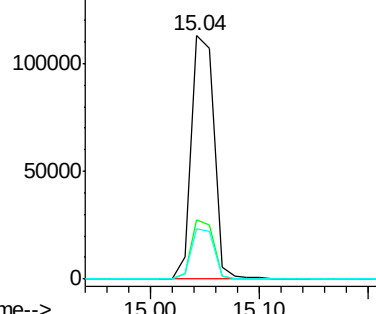


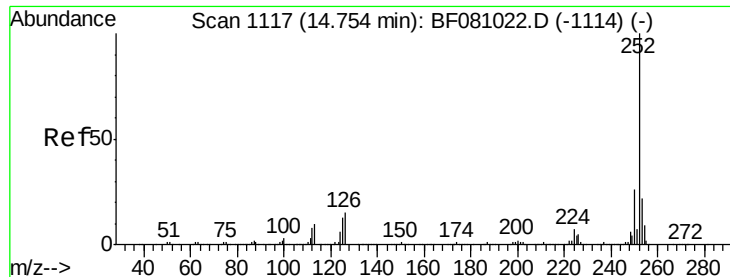
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	20.9	17.5	26.3



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

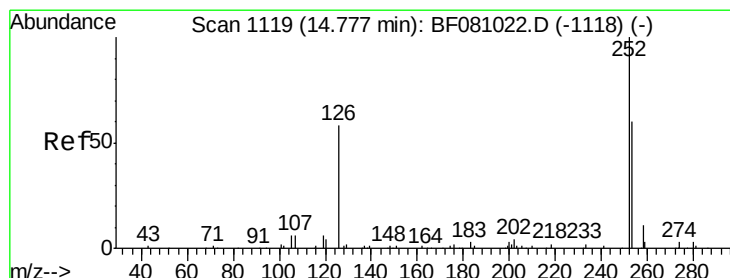
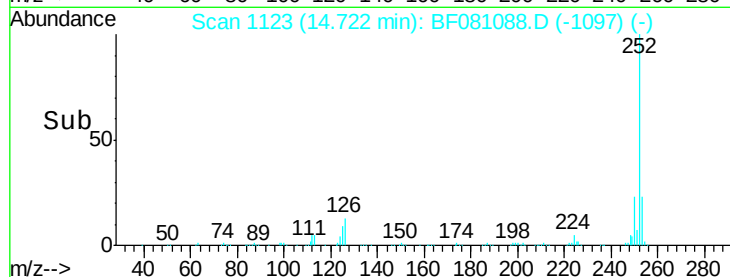
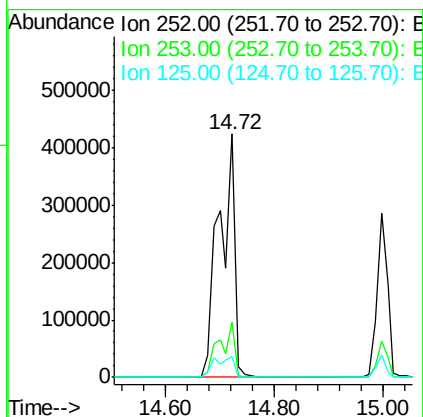
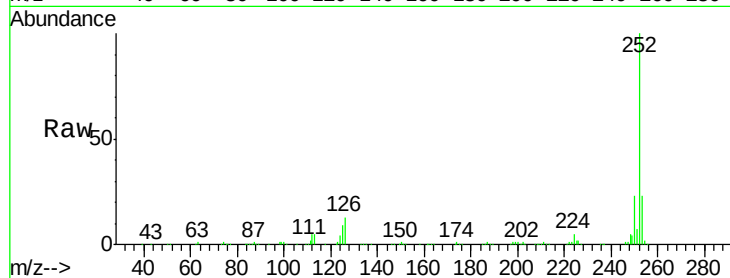




#87
Benzo(b)fluoranthene
Concen: 73.48 ng
RT: 14.72 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

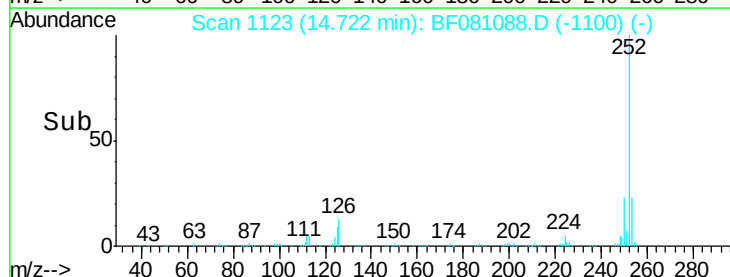
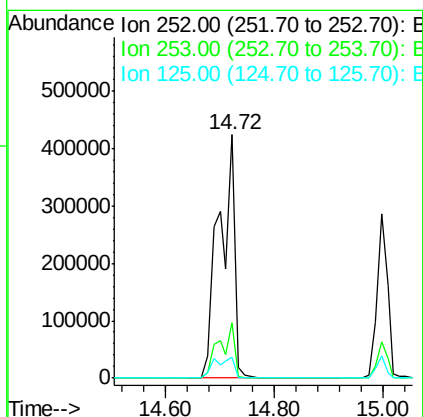
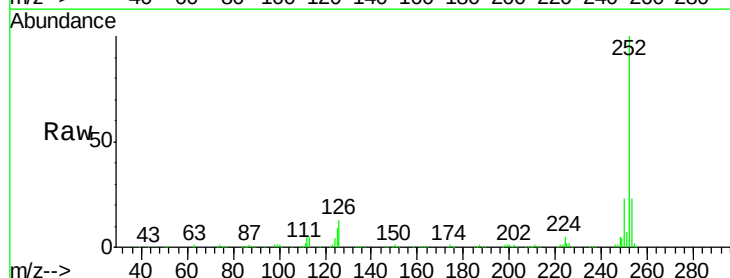
Instrument :
BNA_F
ClientSampleId :

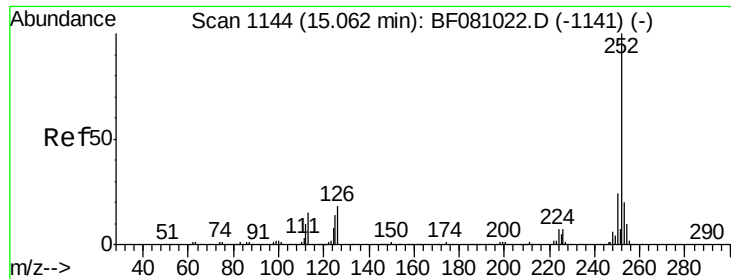
Tot Ion:252 Resp: 852665
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 8.7 8.0 12.0



#88
Benzo(k)fluoranthene
Concen: 78.85 ng
RT: 14.72 min Scan# 1123
Delta R.T. -0.04 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion:252 Resp: 852665
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 8.7 10.3 15.5#

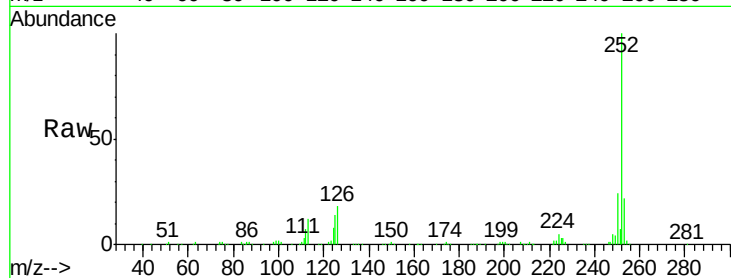




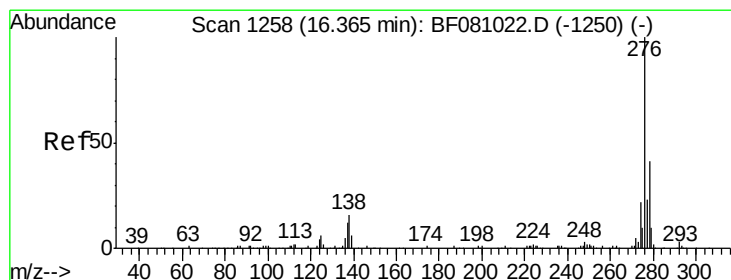
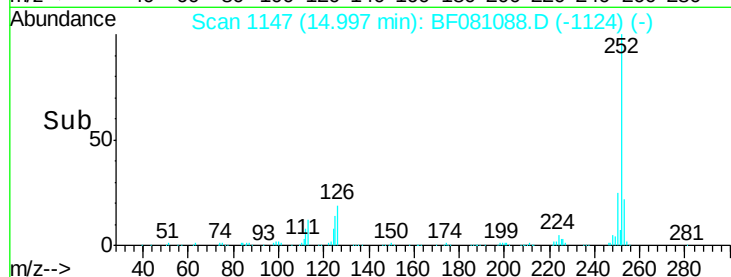
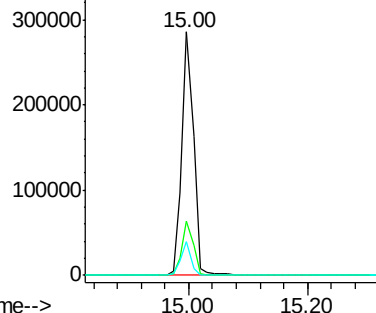
#89
Benzo(a)pyrene
Concen: 38.68 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 391078
Ion Ratio Lower Upper
252 100
253 22.2 16.6 25.0
125 13.9 7.8 11.8#

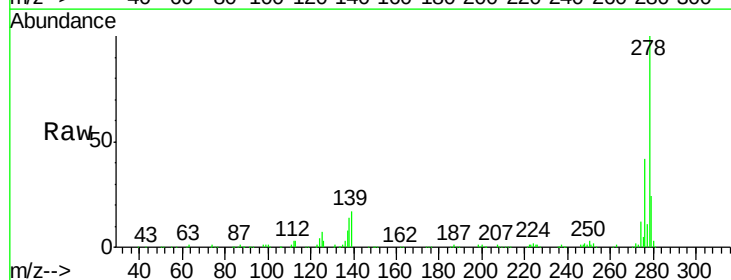


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

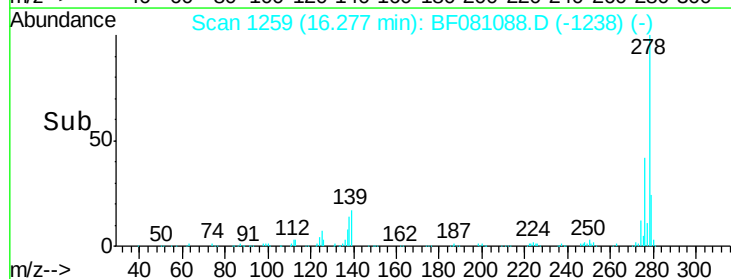
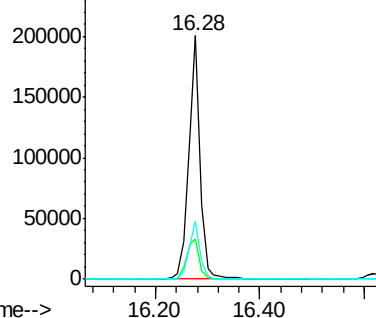


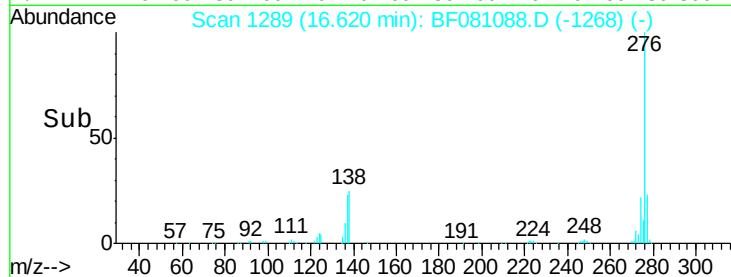
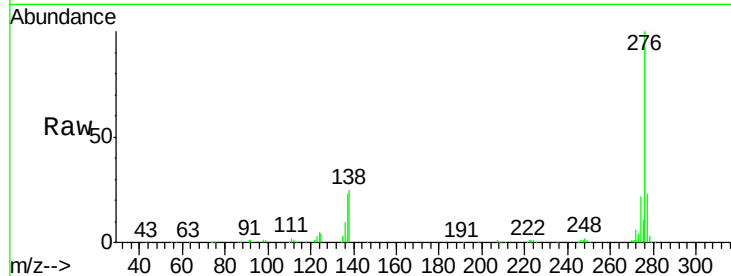
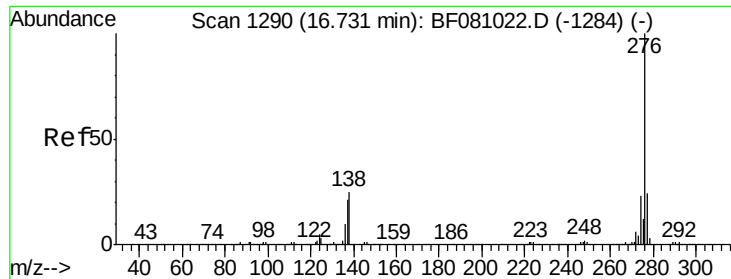
#90
Dibenzo(a,h)anthracene
Concen: 38.73 ng
RT: 16.28 min Scan# 1259
Delta R.T. -0.07 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion:278 Resp: 305177
Ion Ratio Lower Upper
278 100
139 16.5 10.8 16.2#
279 24.1 19.0 28.6



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: 36.38 ng

RT: 16.62 min Scan# 1289

Delta R.T. -0.07 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 290776

Ion Ratio Lower Upper

276 100

277 22.9 18.2 27.2

138 24.6 13.7 20.5

