

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081272.D
 Acq On : 29 Aug 2015 15:48
 Operator : UM/IZ
 Sample : PB85288BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:05:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	45135	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	181681	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	82020	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	169326	20.00	ng	-0.06
75) Chrysene-d12	13.60	240	134216	20.00	ng	-0.06
86) Perylene-d12	14.92	264	115594	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	254356	84.76	ng	-0.05
7) Phenol-d6	6.14	99	329700	84.21	ng	-0.06
23) Nitrobenzene-d5	7.05	82	318587	80.10	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	55401	77.92	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	542480	86.66	ng	-0.05
78) Terphenyl-d14	12.56	244	460415	73.54	ng	-0.07

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.94	88	53658	37.95	ng	93
3) Pyridine	2.51	79	164279	41.16	ng	# 80
4) n-Nitrosodimethylamine	2.48	42	81386	36.62	ng	# 76
6) Aniline	6.14	93	118676	20.85	ng	# 58
8) 2-Chlorophenol	6.26	128	141320	43.02	ng	93
9) Benzaldehyde	6.02	77	23171	9.18	ng	84
10) Phenol	6.15	94	185749	40.17	ng	81
11) bis(2-Chloroethyl)ether	6.23	93	143963	40.57	ng	95
12) 1,3-Dichlorobenzene	6.50	146	138163	39.15	ng	94
13) 1,4-Dichlorobenzene	6.50	146	138163	39.54	ng	96
14) 1,2-Dichlorobenzene	6.65	146	137643	42.08	ng	95
15) Benzyl Alcohol	6.64	79	123236	38.90	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.78	45	278639	39.96	ng	92
17) 2-Methylphenol	6.77	107	119428	42.38	ng	97
18) Hexachloroethane	6.99	117	57074	40.42	ng	93
19) n-Nitroso-di-n-propylamine	6.91	70	108353	39.95	ng	92
20) 3+4-Methylphenols	6.93	107	153495	42.91	ng	# 44
22) Acetophenone	6.90	105	204059	42.78	ng	# 87
24) Nitrobenzene	7.07	77	167613	40.31	ng	99
25) Isophorone	7.33	82	295931	39.90	ng	# 95
26) 2-Nitrophenol	7.39	139	75537	43.68	ng	# 76
27) 2,4-Dimethylphenol	7.45	122	133020	43.48	ng	93
28) bis(2-Chloroethoxy)methane	7.54	93	177583	40.53	ng	99
29) 2,4-Dichlorophenol	7.63	162	103980	40.37	ng	# 86
30) 1,2,4-Trichlorobenzene	7.71	180	111461	38.94	ng	96
31) Naphthalene	7.79	128	419802	41.45	ng	100
32) Benzoic acid	7.60	122	85065	49.43	ng	95
33) 4-Chloroaniline	7.85	127	50239	11.76	ng	# 90
34) Hexachlorobutadiene	7.92	225	71021	43.87	ng	96
35) Caprolactam	8.23	113	20131	22.36	ng	# 86
36) 4-Chloro-3-methylphenol	8.35	107	138271	45.04	ng	93
37) 2-Methylnaphthalene	8.48	142	247675	38.72	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	112708	42.59	ng	# 97
40) Hexachlorocyclopentadiene	8.64	237	125223	91.42	ng	99

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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

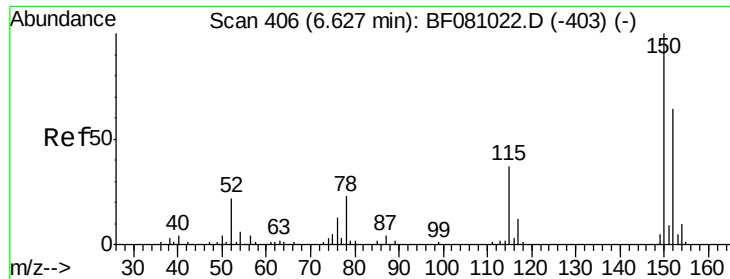
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:05:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	8.77	196	70056	37.47	nq	99
43) 2,4,5-Trichlorophenol	8.81	196	77365	41.41	nq	# 92
45) 1,1'-Biphenyl	8.95	154	312768	43.29	nq	96
46) 2-Chloronaphthalene	8.97	162	234239	40.36	nq	99
47) 2-Nitroaniline	9.07	65	108250	45.58	nq	# 84
48) Acenaphthylene	9.37	152	368263	35.47	nq	99
49) Dimethylphthalate	9.27	163	293581	43.46	nq	98
50) 2,6-Dinitrotoluene	9.31	165	57110	39.38	nq	# 56
51) Acenaphthene	9.54	154	216244	34.79	nq	99
52) 3-Nitroaniline	9.47	138	33757	18.60	nq	94
53) 2,4-Dinitrophenol	9.59	184	60938	76.11	nq	95
54) Dibenzofuran	9.71	168	323603	38.85	nq	91
55) 4-Nitrophenol	9.67	139	105700	82.92	nq	# 53
56) 2,4-Dinitrotoluene	9.71	165	73173	38.07	nq	# 38
57) Fluorene	10.06	166	245551	38.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	64235	44.42	nq	92
59) Diethylphthalate	9.95	149	278351	38.93	nq	99
60) 4-Chlorophenyl-phenylether	10.06	204	110207	40.65	nq	98
61) 4-Nitroaniline	10.09	138	63310	34.13	nq	92
62) Azobenzene	10.22	77	365148	44.32	nq	95
64) 4,6-Dinitro-2-methylphenol	10.13	198	46302	45.79	nq	# 55
65) n-Nitrosodiphenylamine	10.18	169	250530	41.45	nq	98
66) 4-Bromophenyl-phenylether	10.55	248	64509	38.78	nq	97
67) Hexachlorobenzene	10.61	284	68462	40.64	nq	# 82
68) Atrazine	10.72	200	83447	49.55	nq	97
69) Pentachlorophenol	10.80	266	81320	80.45	nq	98
70) Phenanthrene	11.01	178	362385	36.11	nq	98
71) Anthracene	11.06	178	396285	40.58	nq	98
72) Carbazole	11.22	167	391646	41.66	nq	98
73) Di-n-butylphthalate	11.57	149	455807	40.07	nq	98
74) Fluoranthene	12.18	202	443020	40.91	nq	96
76) Benzidine	12.31	184	139088	27.43	nq	99
77) Pyrene	12.40	202	393049	36.02	nq	99
79) Butylbenzylphthalate	13.05	149	222150	47.37	nq	89
80) Benzo(a)anthracene	13.59	228	382050	42.45	nq	99
81) 3,3'-Dichlorobenzidine	13.56	252	55469	19.03	nq	97
82) Chrysene	13.62	228	342893	42.27	nq	100
83) Bis(2-ethylhexyl)phthalate	13.61	149	275869	45.92	nq	# 97
84) Di-n-octyl phthalate	14.22	149	487039	53.34	nq	99
85) Indeno(1,2,3-cd)pyrene	16.07	276	284638	49.98	nq	# 94
87) Benzo(b)fluoranthene	14.61	252	665954	81.45	nq	97
88) Benzo(k)fluoranthene	14.61	252	665954	87.41	nq	# 95
89) Benzo(a)pyrene	14.87	252	303882	42.65	nq	# 97
90) Dibenzo(a,h)anthracene	16.08	278	237019	42.70	nq	# 97
91) Benzo(g,h,i)perylene	16.40	276	228964	40.65	nq	# 88

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

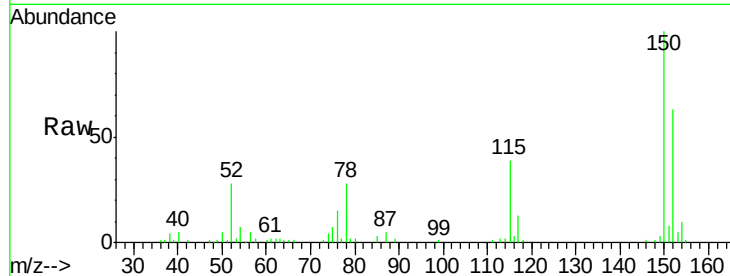


#1

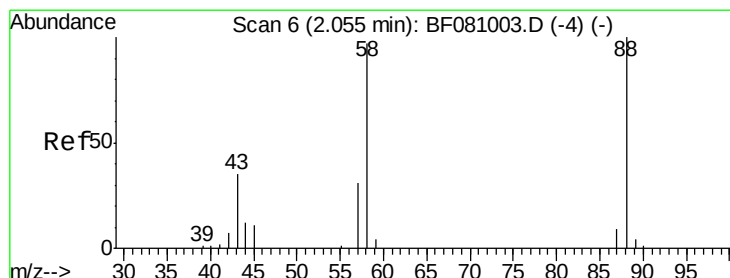
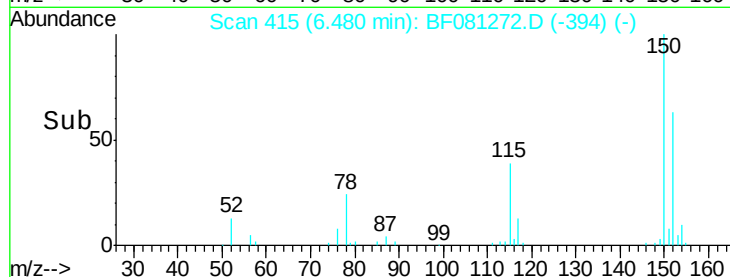
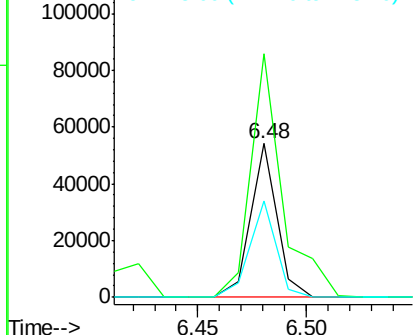
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45135
Ion Ratio Lower Upper
152 100
150 158.6 123.8 185.6
115 62.5 52.1 78.1



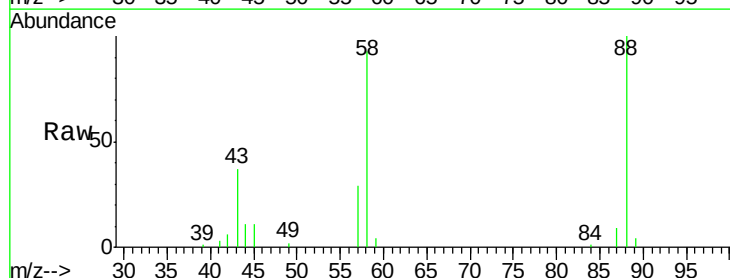
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



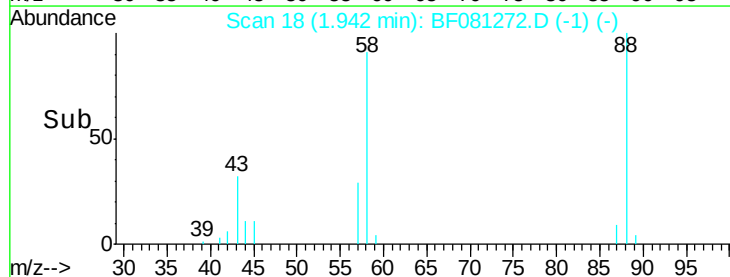
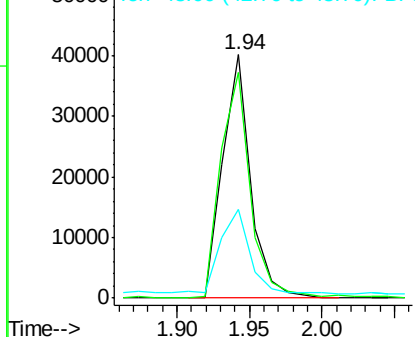
#2

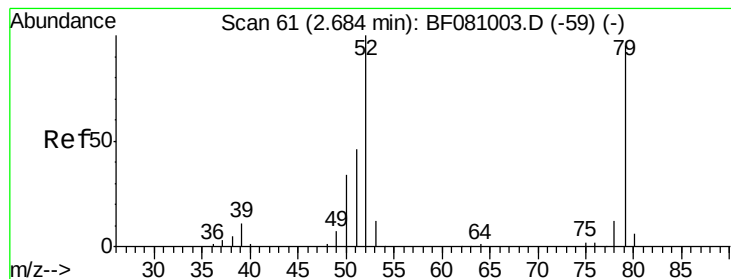
1,4-Dioxane
Concen: 37.95 ng
RT: 1.94 min Scan# 18
Delta R.T. 0.01 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Tgt Ion: 88 Resp: 53658
Ion Ratio Lower Upper
88 100
58 100.5 83.7 125.5
43 38.6 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: 41.16 ng

RT: 2.51 min Scan# 68

Delta R.T. -0.02 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampleId :

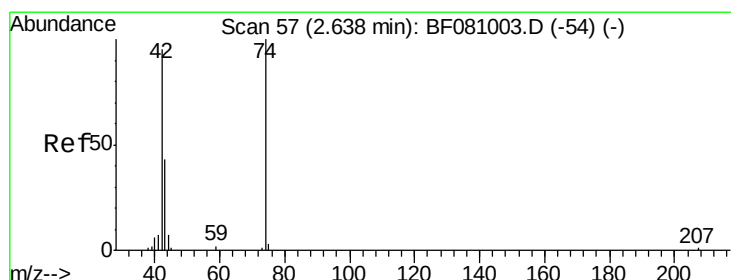
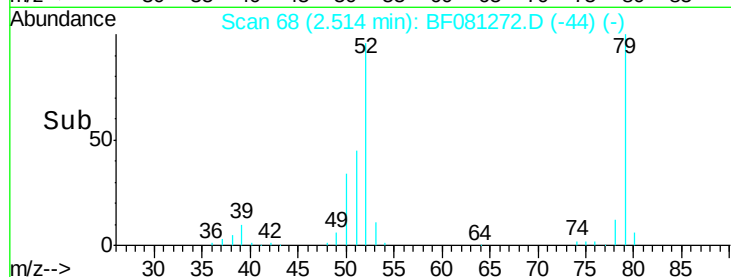
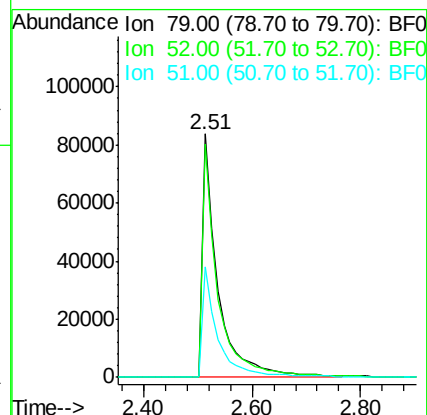
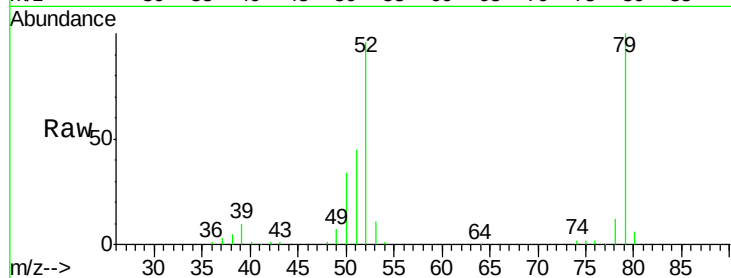
Tot Ion: 79 Resp: 164279

Ion Ratio Lower Upper

79 100

52 95.9 95.1 142.7

51 45.2 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 36.62 ng

RT: 2.48 min Scan# 65

Delta R.T. -0.02 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

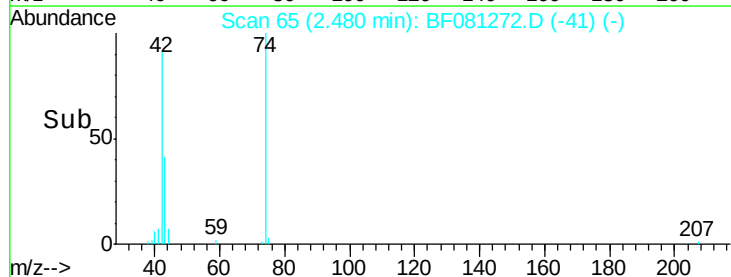
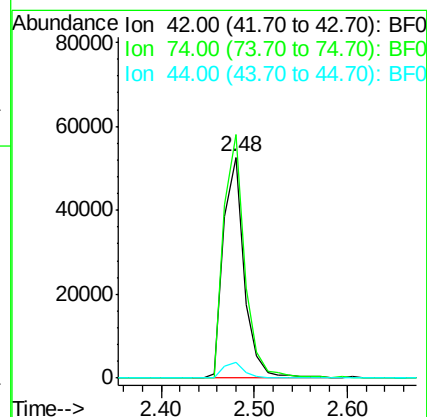
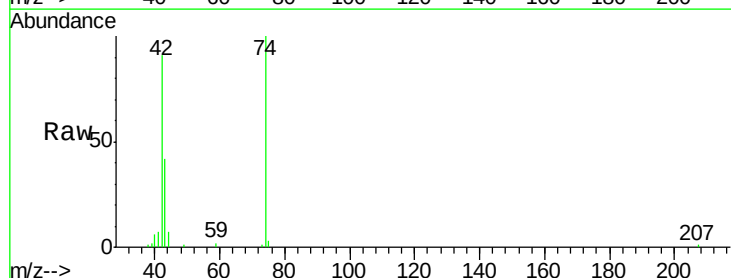
Tgt Ion: 42 Resp: 81386

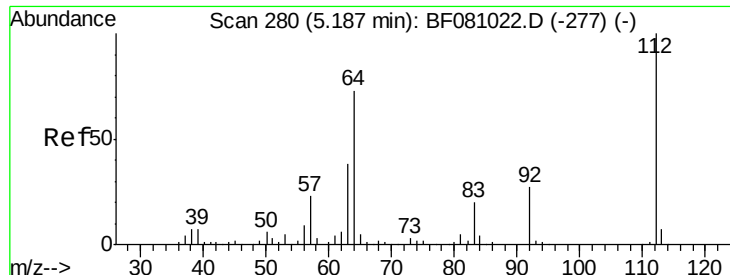
Ion Ratio Lower Upper

42 100

74 110.3 69.3 103.9#

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 84.76 ng

RT: 5.05 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF081272.D

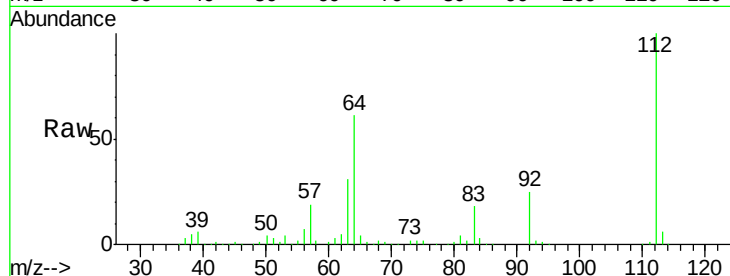
Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampled :

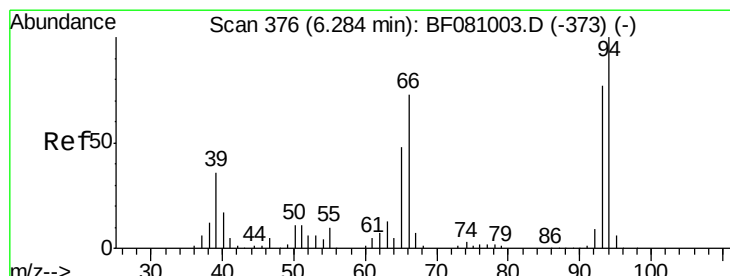
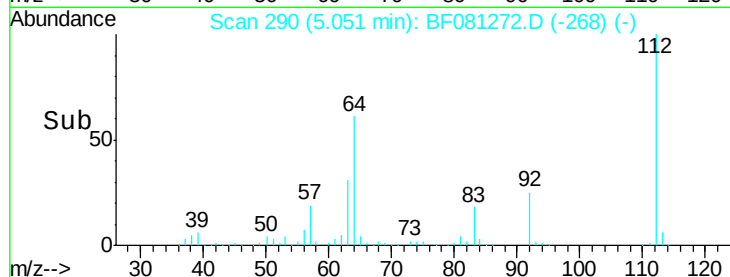
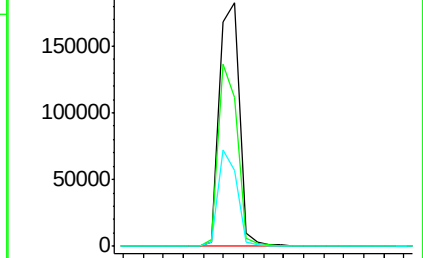
Tot Ion:	112	Resp:	254356
Ion	Ratio	Lower	Upper
112	100		
64	60.9	66.9	100.3#
63	31.3	38.1	57.1#



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: 20.85 ng

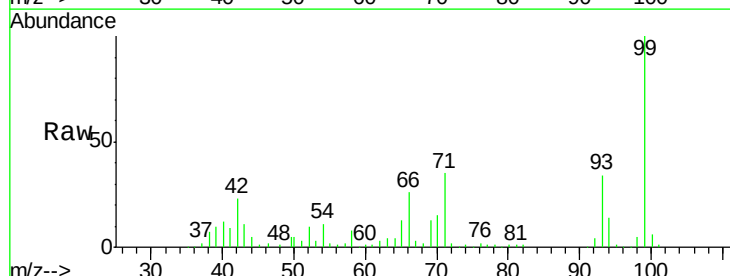
RT: 6.14 min Scan# 385

Delta R.T. -0.07 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

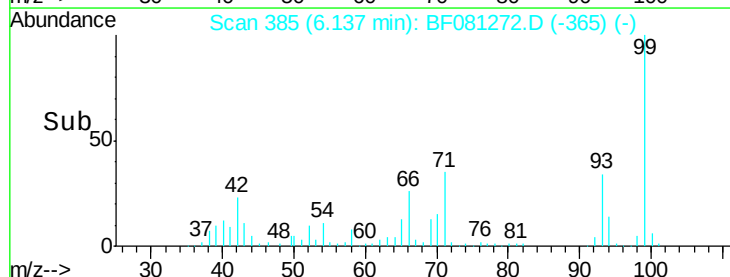
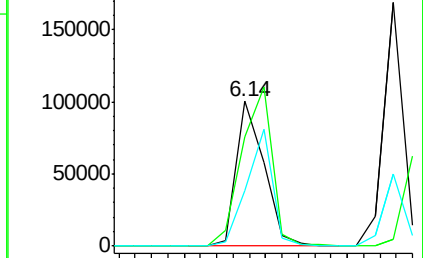
Tgt Ion:	93	Resp:	118676
Ion	Ratio	Lower	Upper
93	100		
66	75.1	35.6	53.4#
65	38.5	18.7	28.1#

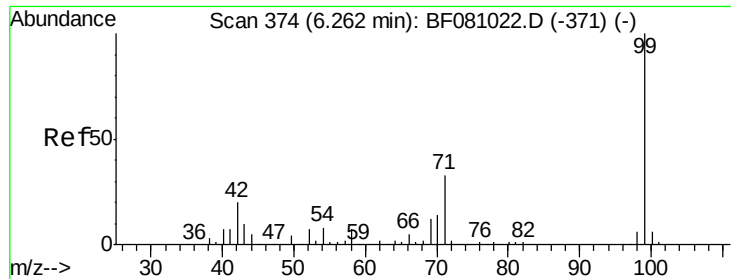


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.21 ng

RT: 6.14 min Scan# 385

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampleId :

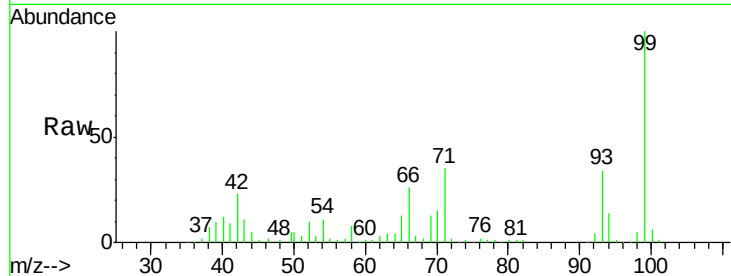
Tot Ion: 99 Resp: 329700

Ion Ratio Lower Upper

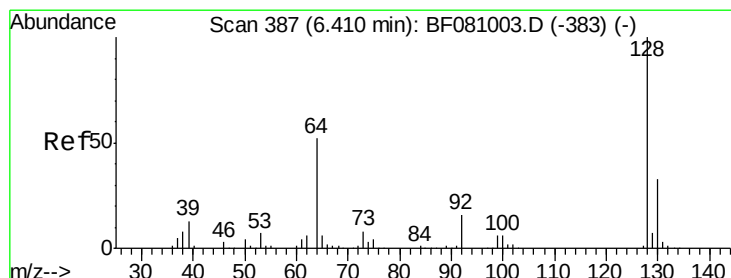
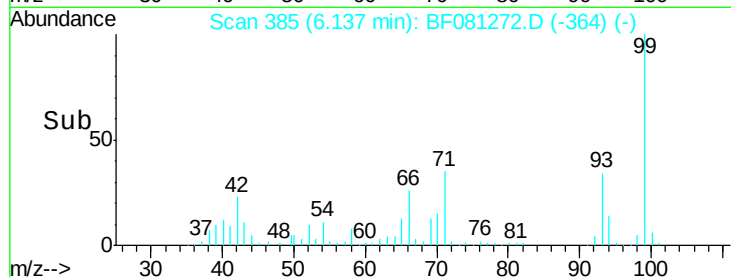
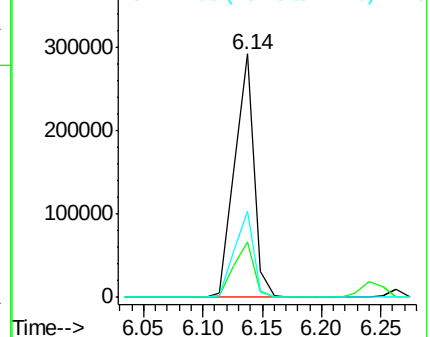
99 100

42 22.6 19.6 29.4

71 35.3 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: 43.02 ng

RT: 6.26 min Scan# 396

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

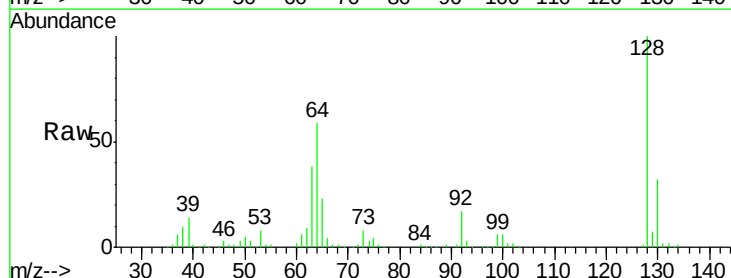
Tgt Ion: 128 Resp: 141320

Ion Ratio Lower Upper

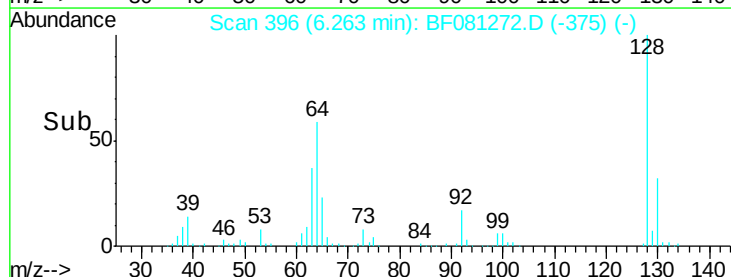
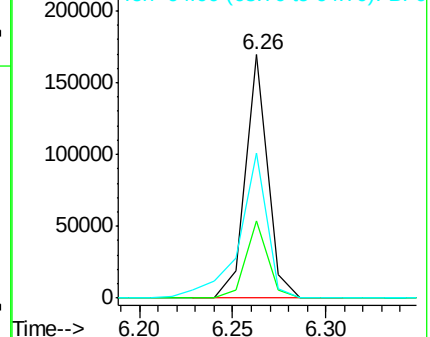
128 100

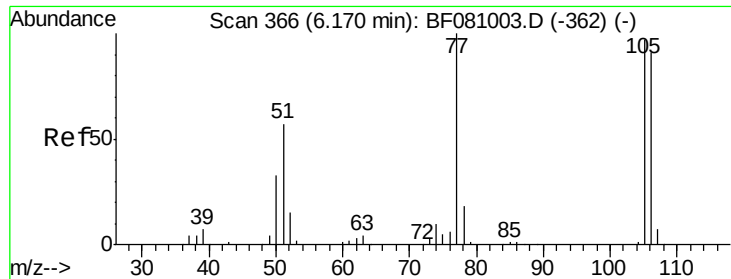
130 31.8 12.5 52.5

64 59.4 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: 9.18 ng

RT: 6.02 min Scan# 375

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampled :

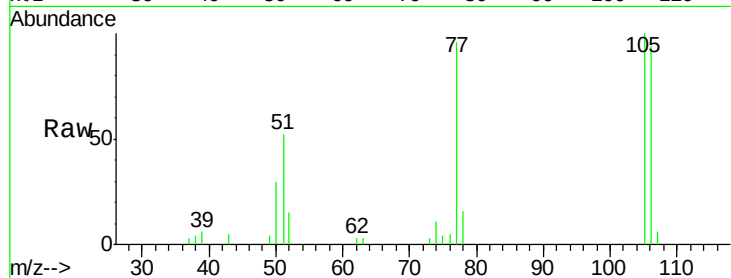
Tot Ion: 77 Resp: 23171

Ion Ratio Lower Upper

77 100

105 104.5 69.6 109.6

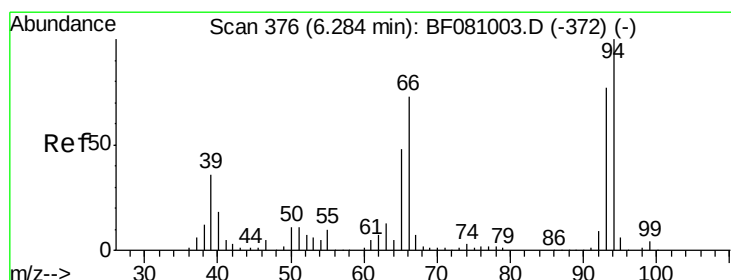
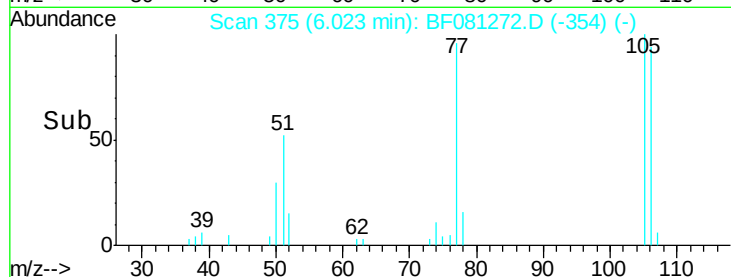
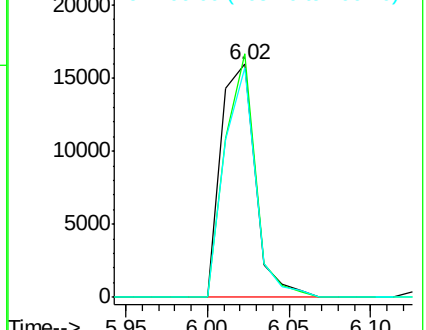
106 98.8 64.0 104.0



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: 40.17 ng

RT: 6.15 min Scan# 386

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

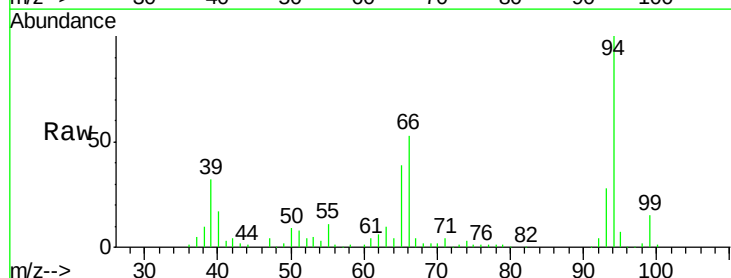
Tgt Ion: 94 Resp: 185749

Ion Ratio Lower Upper

94 100

65 39.3 28.4 68.4

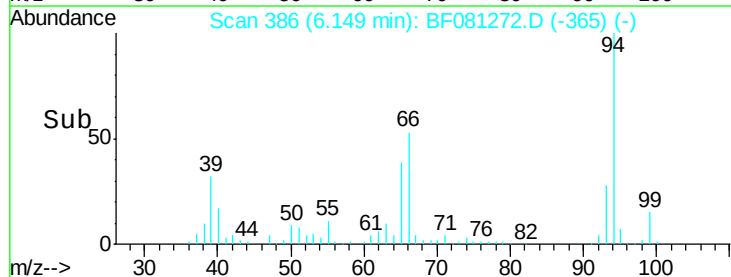
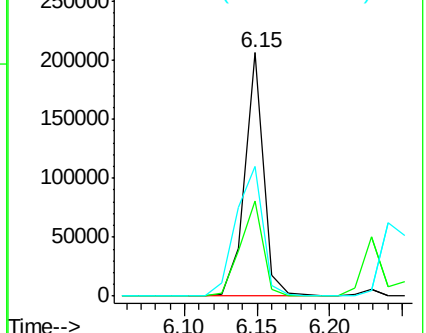
66 53.4 52.3 92.3

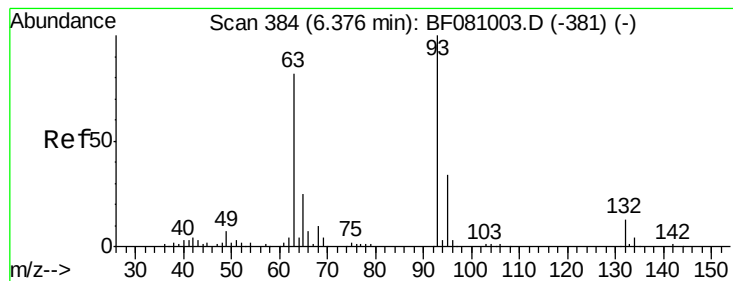


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

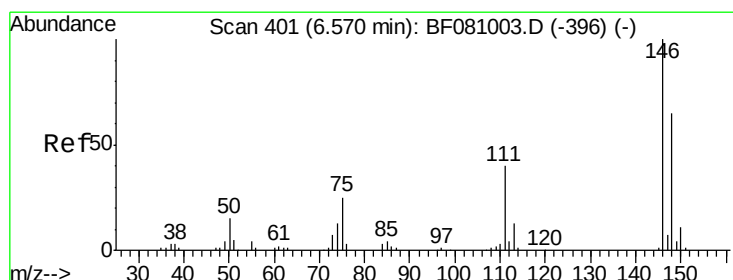
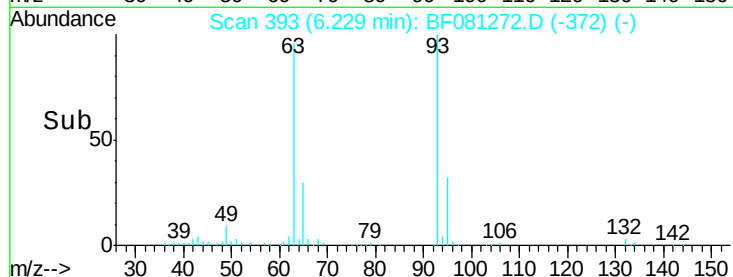
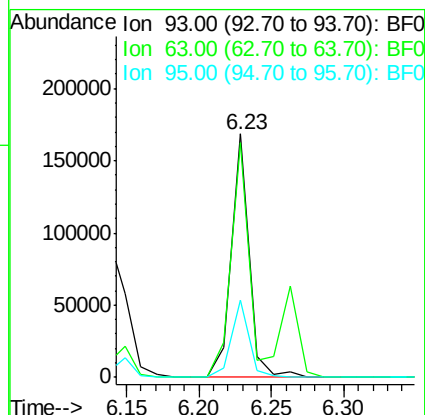
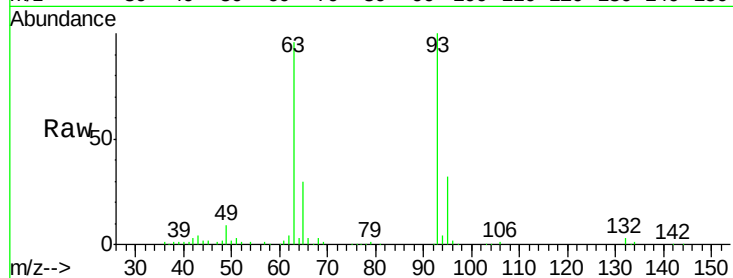




#11
bis(2-Chloroethyl)ether
Concen: 40.57 ng
RT: 6.23 min Scan# 393
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

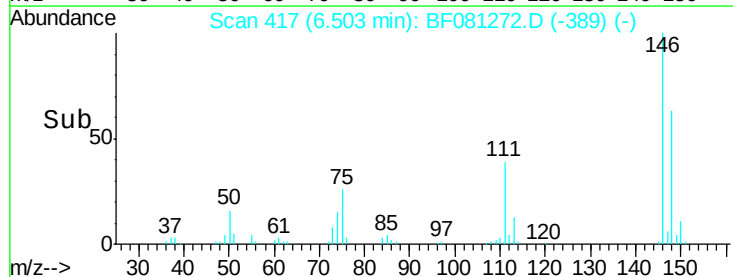
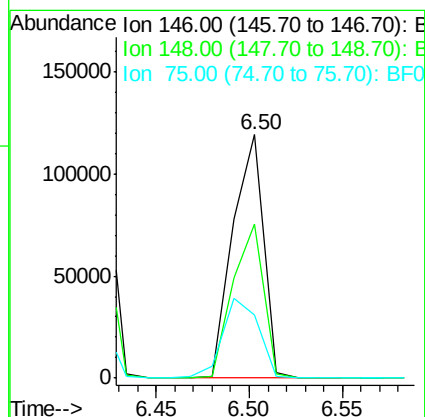
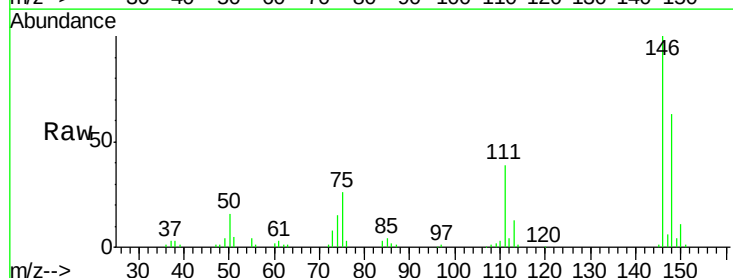
Instrument :
BNA_F
ClientSampleId :

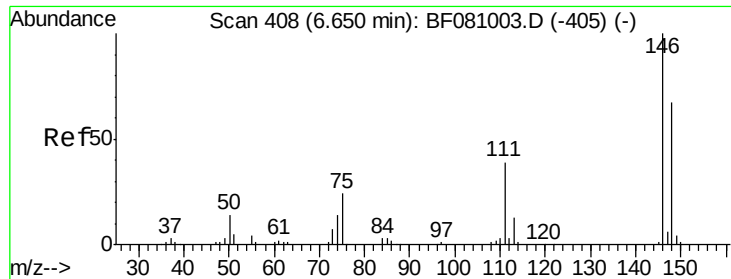
Tot Ion: 93 Resp: 143963
Ion Ratio Lower Upper
93 100
63 96.2 69.6 109.6
95 31.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 39.15 ng
RT: 6.50 min Scan# 417
Delta R.T. 0.02 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Tgt Ion: 146 Resp: 138163
Ion Ratio Lower Upper
146 100
148 63.5 53.3 79.9
75 26.2 25.0 37.6

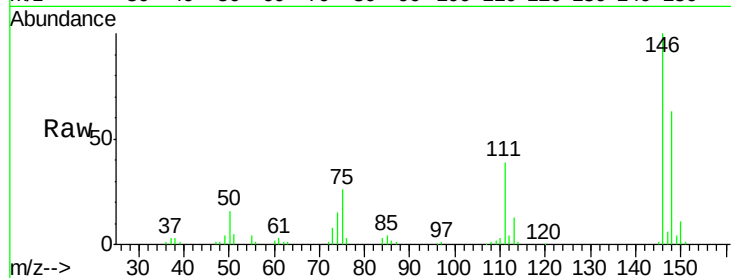




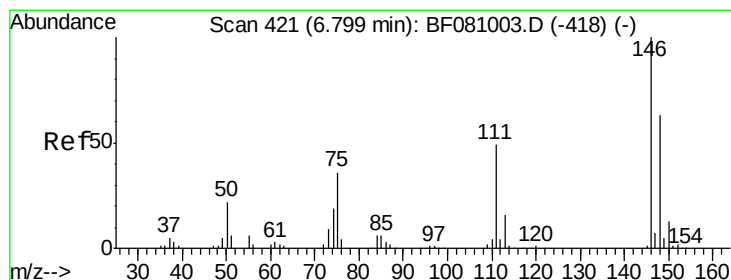
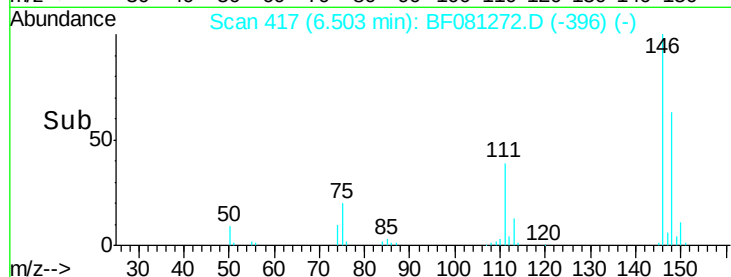
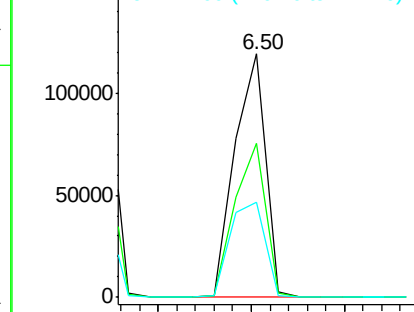
#13
 1,4-Dichlorobenzene
 Concen: 39.54 ng
 RT: 6.50 min Scan# 417
 Delta R.T. -0.06 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 138163
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.3 78.5
 111 39.0 34.4 51.6

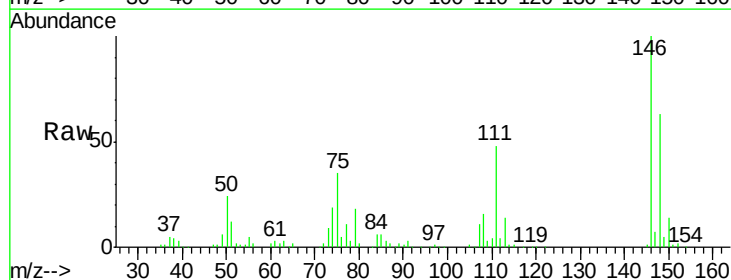


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

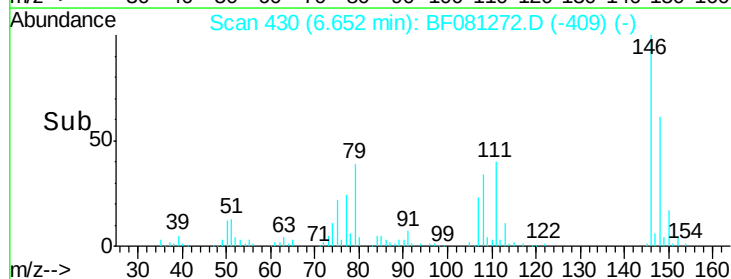
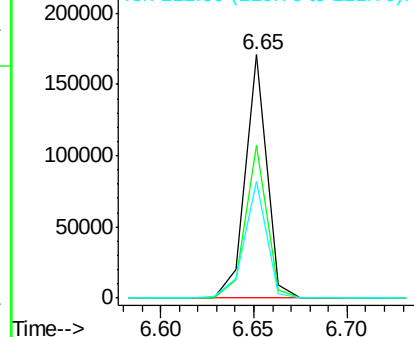


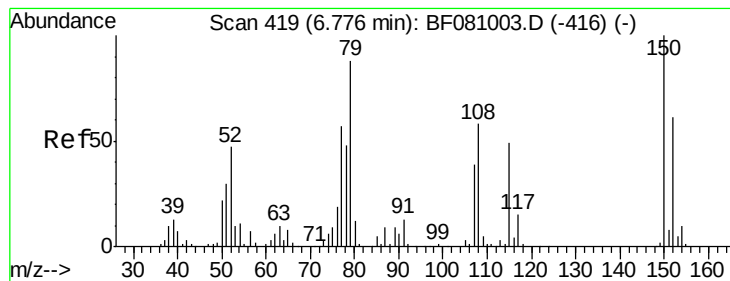
#14
 1,2-Dichlorobenzene
 Concen: 42.08 ng
 RT: 6.65 min Scan# 430
 Delta R.T. -0.06 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Tgt Ion:146 Resp: 137643
 Ion Ratio Lower Upper
 146 100
 148 62.5 48.7 73.1
 111 47.8 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: 38.90 ng

RT: 6.64 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampled :

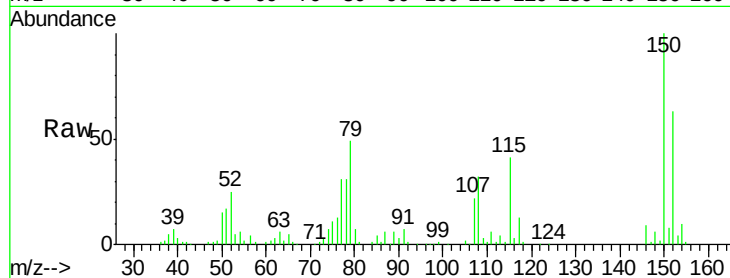
Tot Ion: 79 Resp: 123236

Ion Ratio Lower Upper

79 100

108 66.0 49.4 74.2

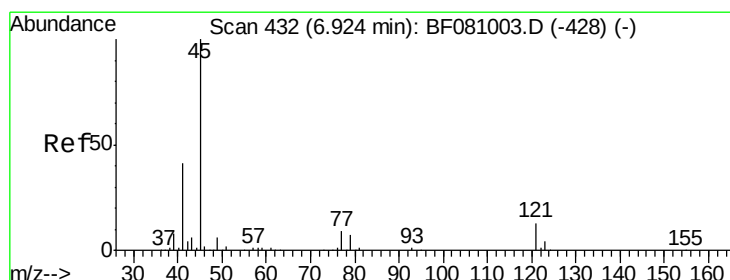
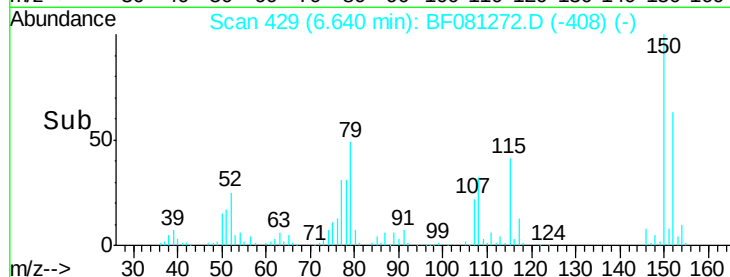
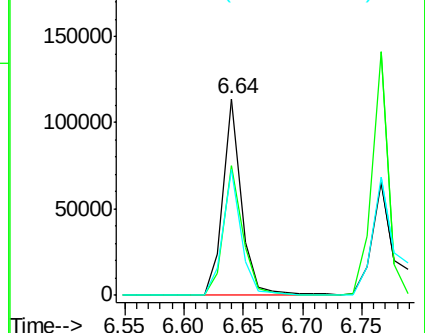
77 64.3 51.4 77.0



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: 39.96 ng

RT: 6.78 min Scan# 441

Delta R.T. -0.07 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

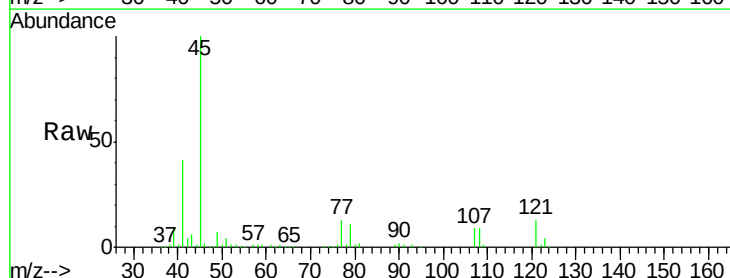
Tgt Ion: 45 Resp: 278639

Ion Ratio Lower Upper

45 100

77 13.2 0.0 30.2

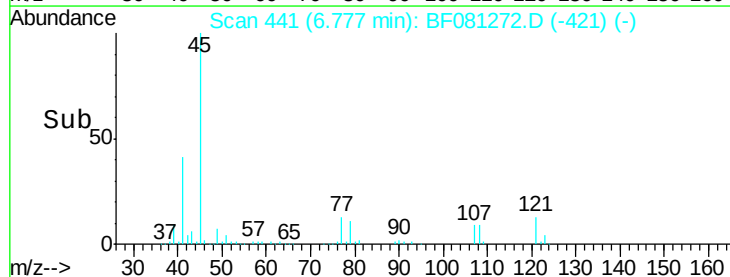
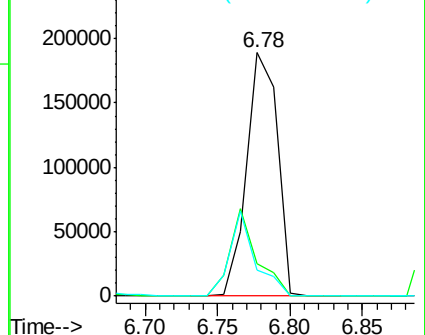
79 10.6 0.0 28.0

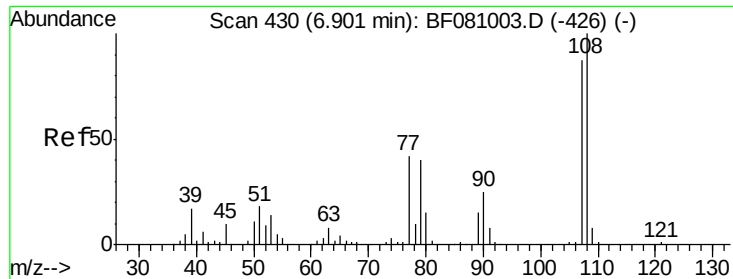


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

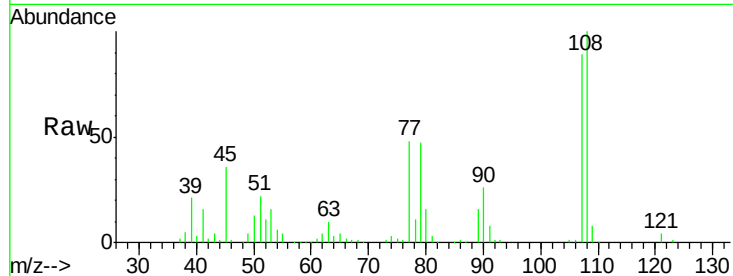




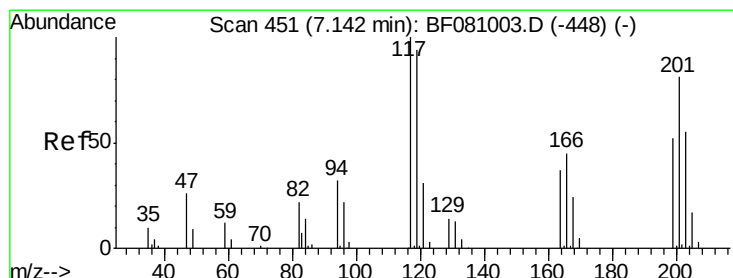
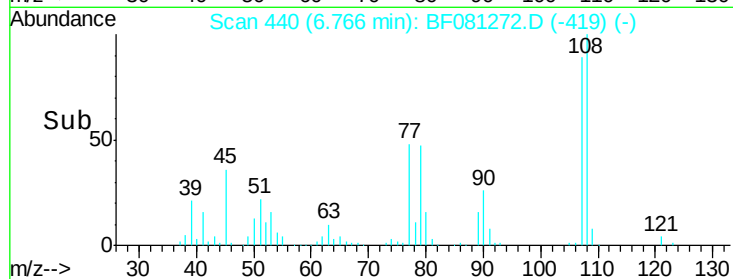
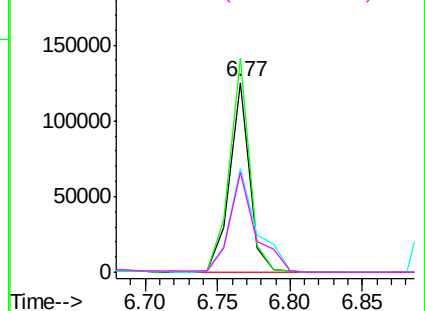
#17
2-Methylphenol
Concen: 42.38 ng
RT: 6.77 min Scan# 440
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 119428
Ion Ratio Lower Upper
107 100
108 112.7 90.4 135.6
77 54.5 46.5 69.7
79 52.4 46.3 69.5

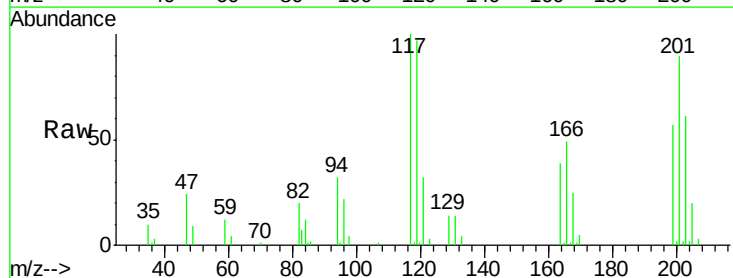


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

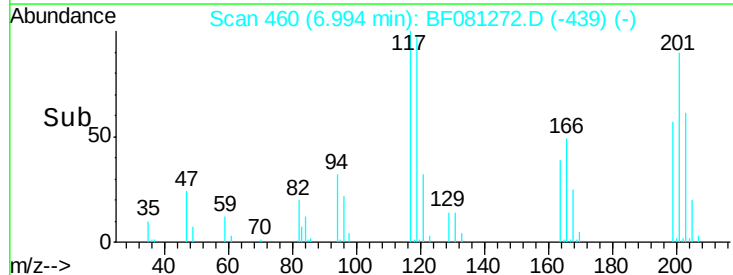
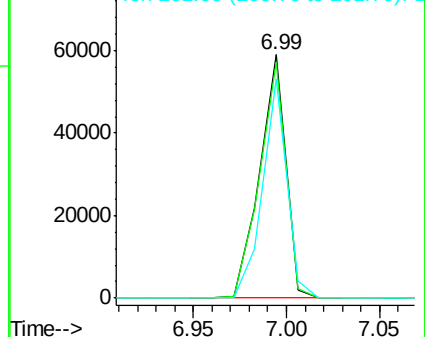


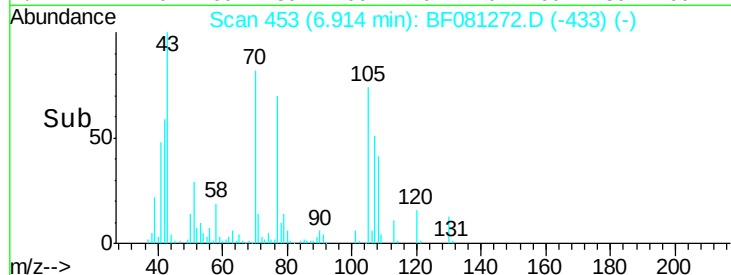
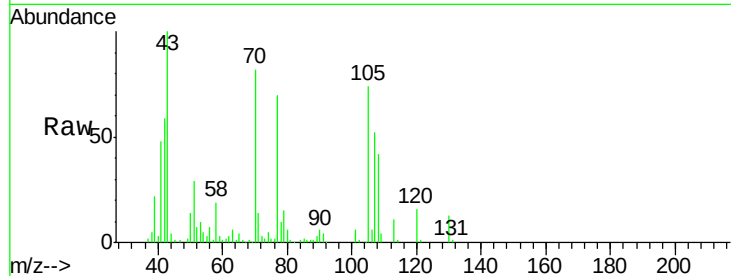
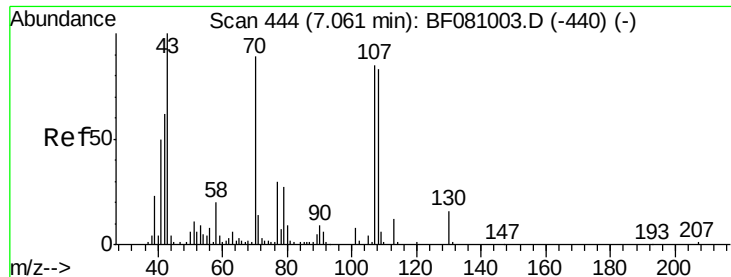
#18
Hexachloroethane
Concen: 40.42 ng
RT: 6.99 min Scan# 460
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Tgt Ion:117 Resp: 57074
Ion Ratio Lower Upper
117 100
119 97.0 77.9 116.9
201 90.1 61.3 91.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

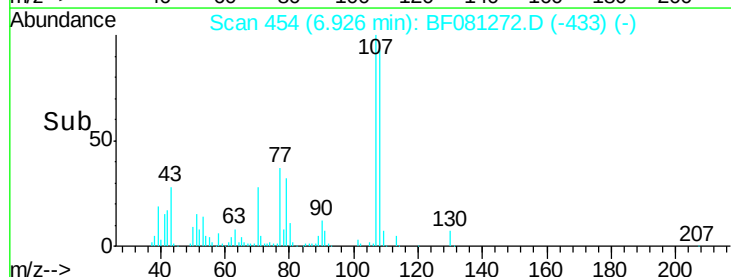
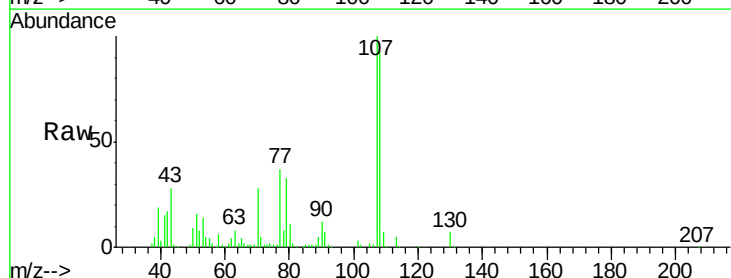
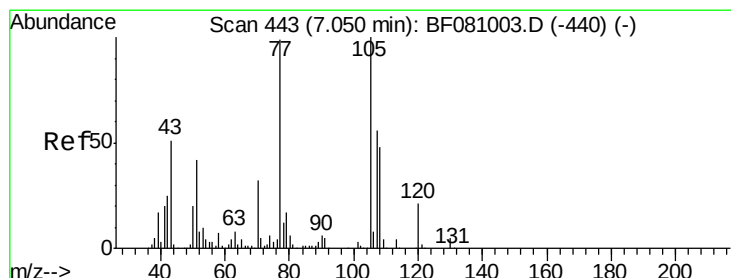
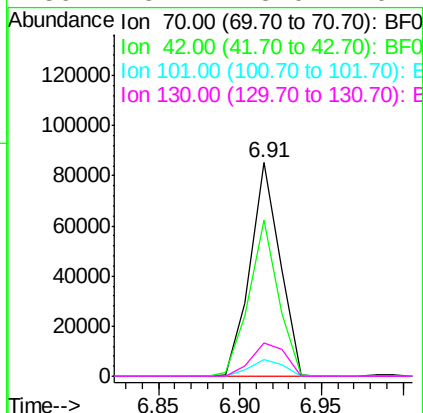




#19
n-Nitroso-di-n-propylamine
Concen: 39.95 ng
RT: 6.91 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

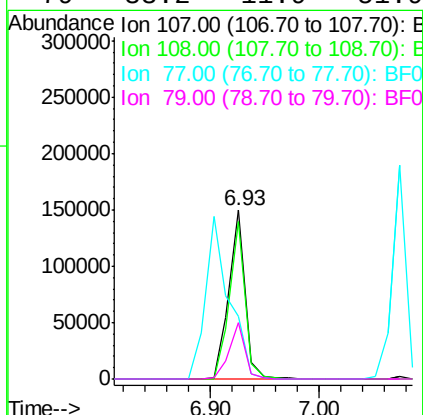
Instrument :
BNA_F
ClientSampleId :

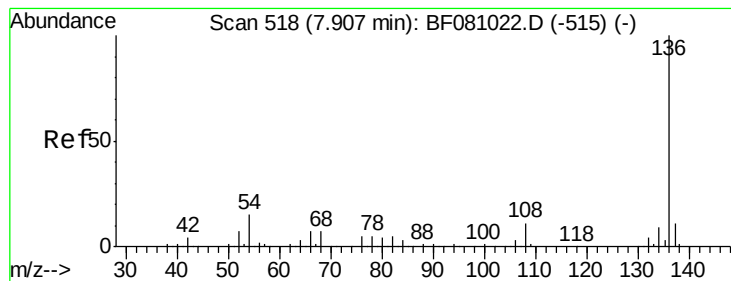
Tot Ion:	70	Resp:	108353
Ion	Ratio	Lower	Upper
70	100		
42	72.9	65.0	97.4
101	7.9	7.4	11.2
130	15.4	13.0	19.4



#20
3+4-Methylphenols
Concen: 42.91 ng
RT: 6.93 min Scan# 454
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Tgt Ion:	107	Resp:	153495
Ion	Ratio	Lower	Upper
107	100		
108	93.1	66.1	106.1
77	37.1	139.3	179.3#
79	33.2	11.9	51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 528

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 181681

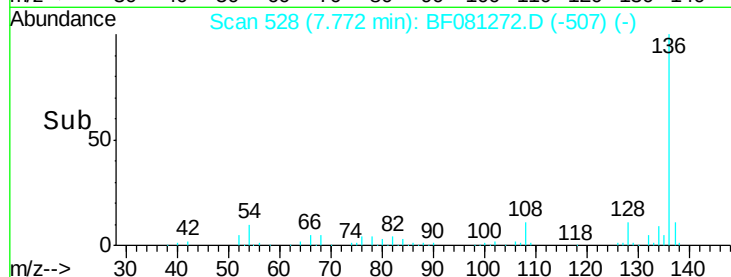
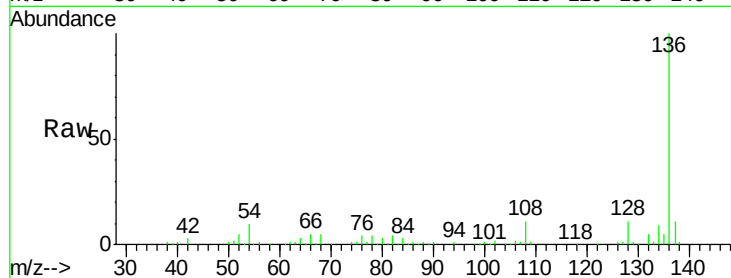
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.2

54 10.3 7.7 11.5

68 5.3 3.4 5.2#

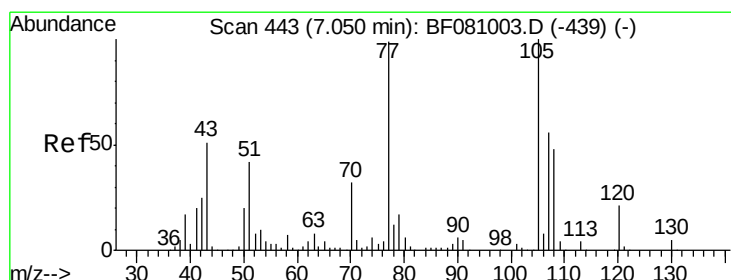
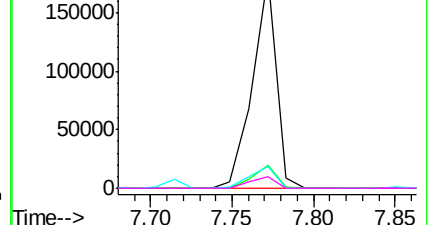


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.78 ng

RT: 6.90 min Scan# 452

Delta R.T. -0.07 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Tgt Ion:105 Resp: 204059

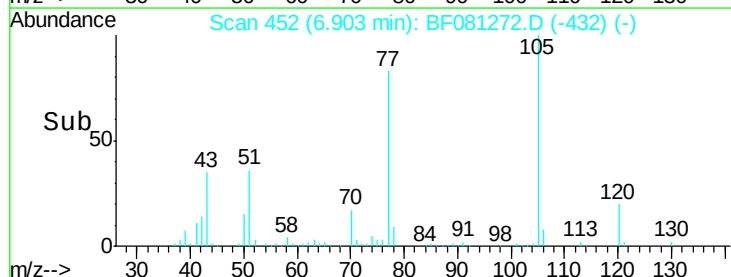
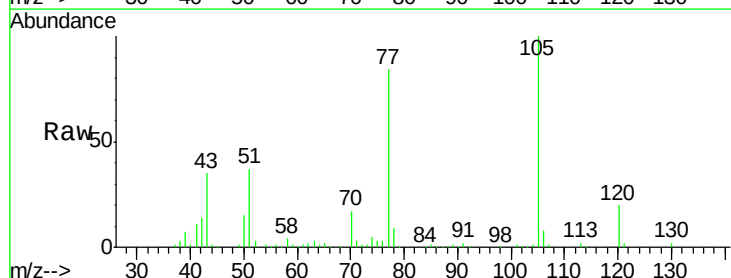
Ion Ratio Lower Upper

105 100

71 2.9 3.0 4.6#

51 36.5 39.8 59.8#

120 19.8 15.8 23.8

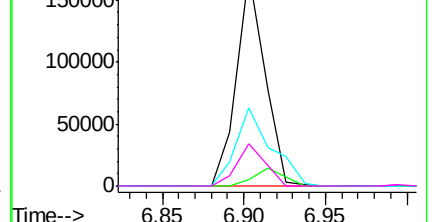


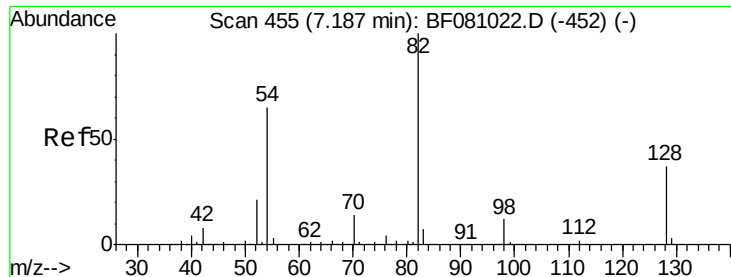
Abundance Ion 105.00 (104.70 to 105.70): E

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

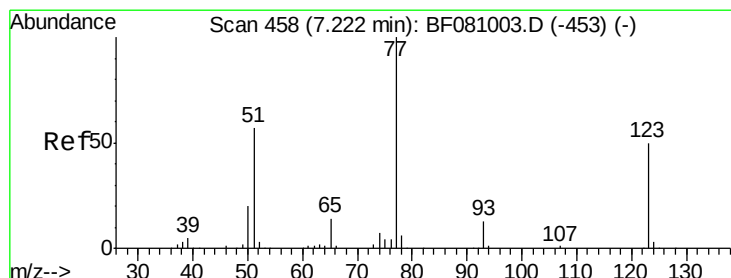
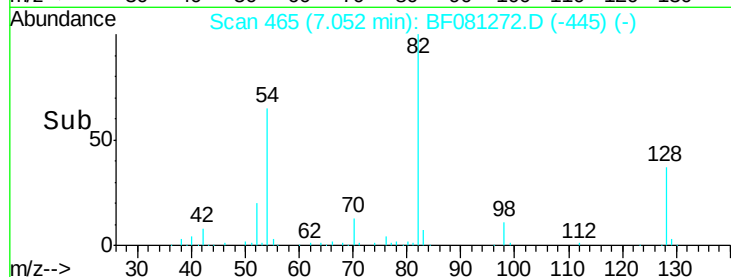
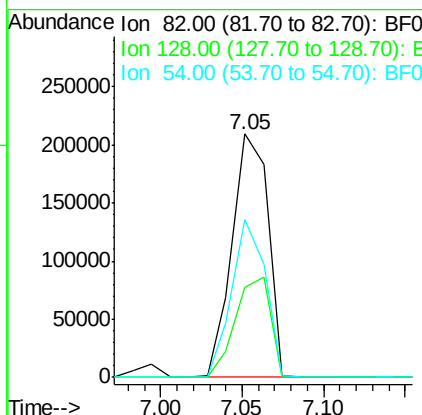
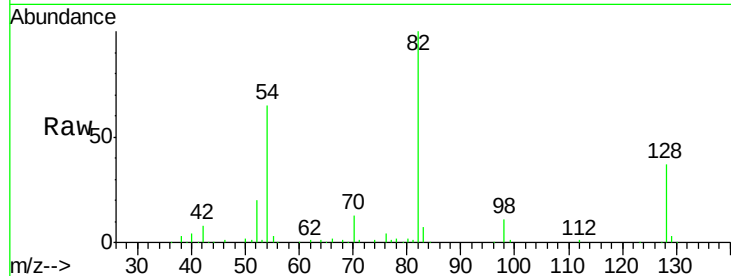




#23
 Nitrobenzene-d5
 Concen: 80.10 ng
 RT: 7.05 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

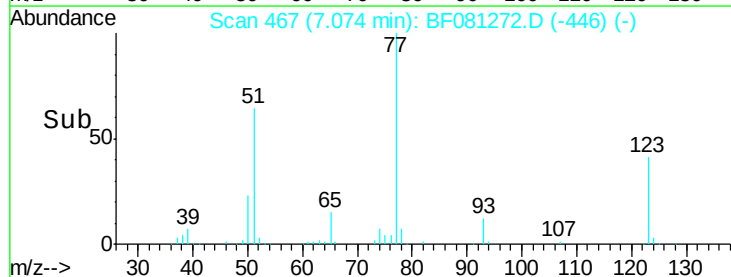
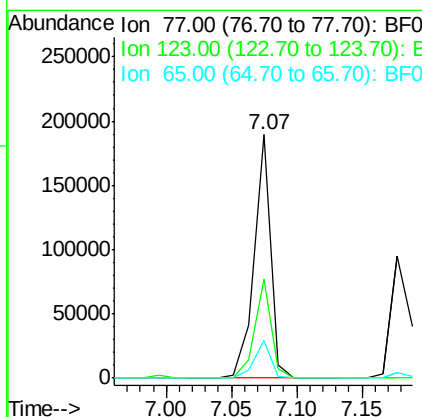
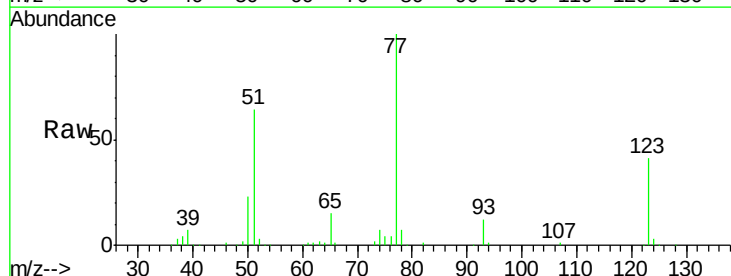
Instrument :
 BNA_F
 ClientSampleId :

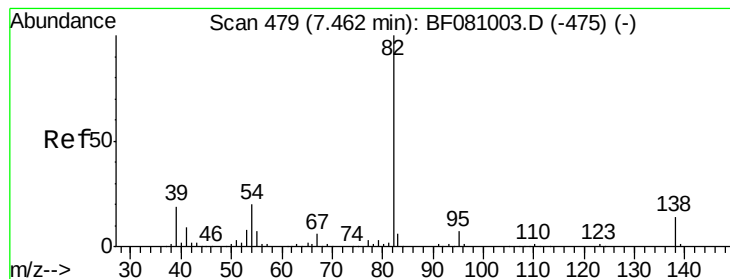
Tot Ion	82	Resp	318587
Ion Ratio	Lower	Upper	
82	100		
128	36.8	28.6	42.8
54	64.9	55.1	82.7



#24
 Nitrobenzene
 Concen: 40.31 ng
 RT: 7.07 min Scan# 467
 Delta R.T. -0.06 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Tgt Ion	77	Resp	167613
Ion Ratio	Lower	Upper	
77	100		
123	40.8	32.9	49.3
65	15.2	12.5	18.7





#25

Isophorone

Concen: 39.90 ng

RT: 7.33 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampleId :

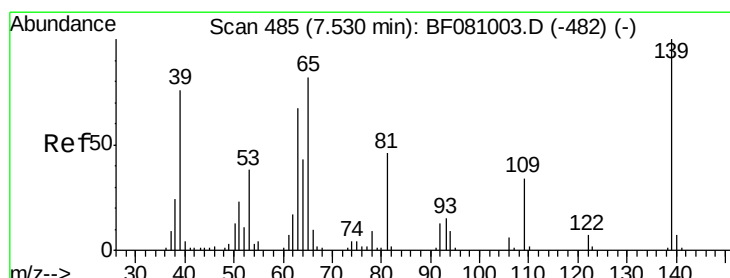
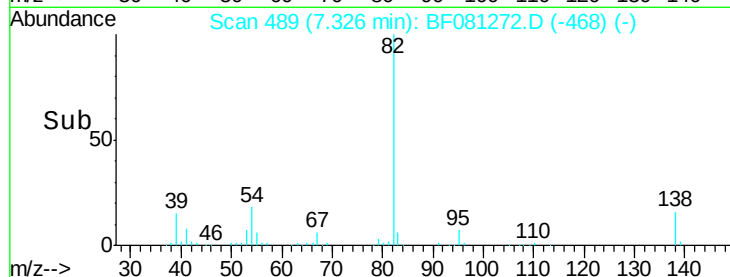
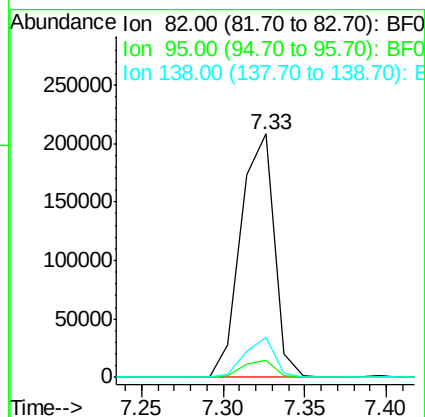
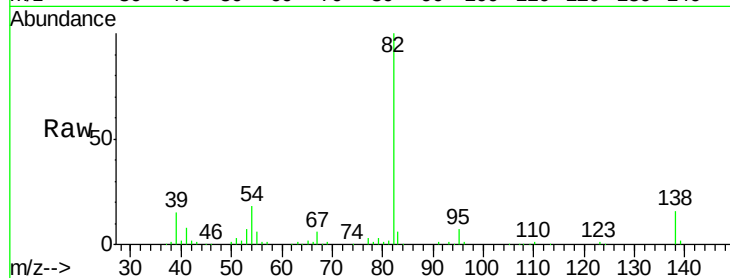
Tot Ion: 82 Resp: 295931

Ion Ratio Lower Upper

82 100

95 7.2 6.2 9.2

138 16.2 10.5 15.7#



#26

2-Nitrophenol

Concen: 43.68 ng

RT: 7.39 min Scan# 495

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

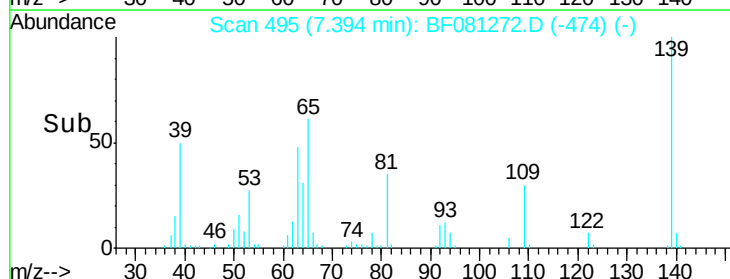
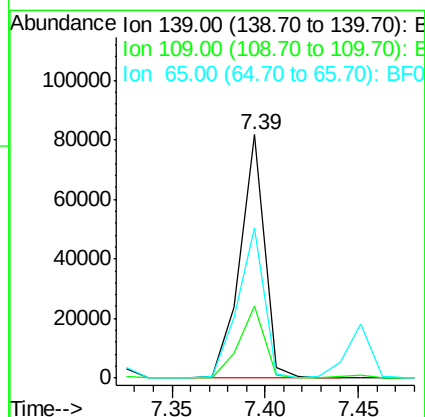
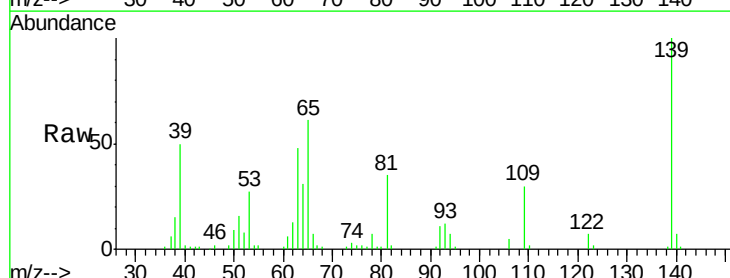
Tgt Ion: 139 Resp: 75537

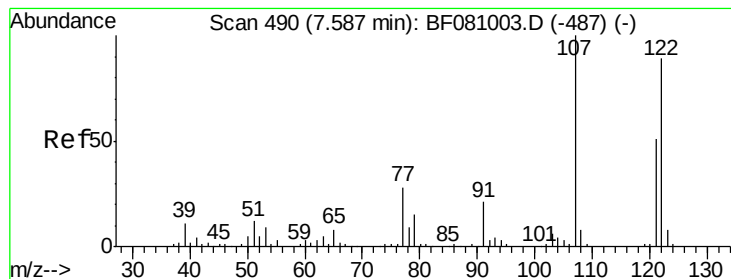
Ion Ratio Lower Upper

139 100

109 29.8 32.1 48.1#

65 61.4 69.9 104.9#





#27

2,4-Dimethylphenol

Concen: 43.48 ng

RT: 7.45 min Scan# 500

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampled :

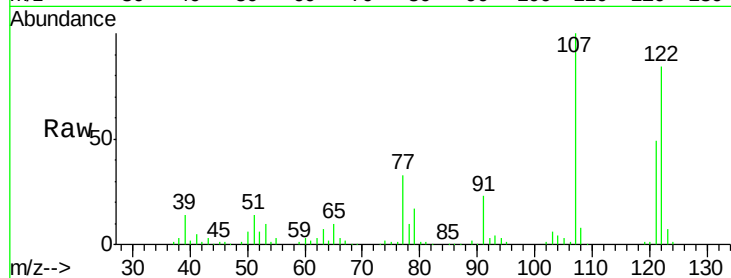
Tot Ion:122 Resp: 133020

Ion Ratio Lower Upper

122 100

107 118.6 103.8 155.6

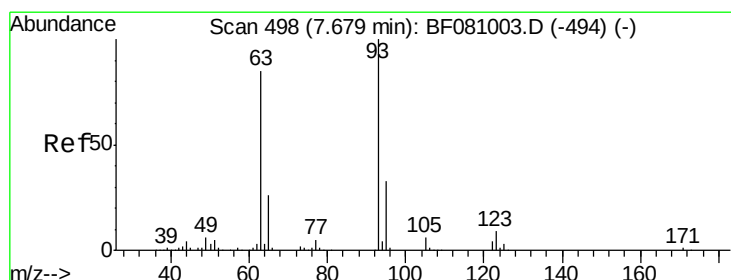
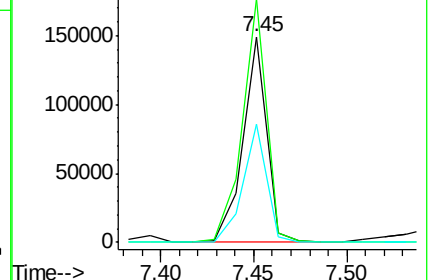
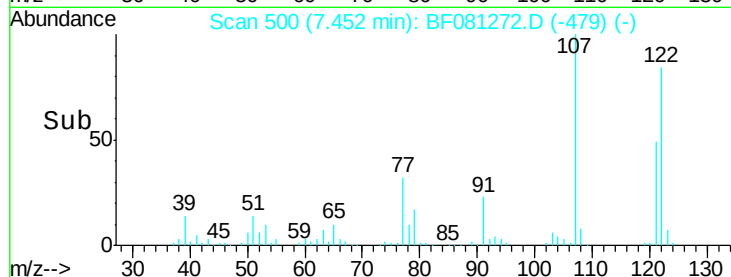
121 57.9 47.0 70.4



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: 40.53 ng

RT: 7.54 min Scan# 508

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

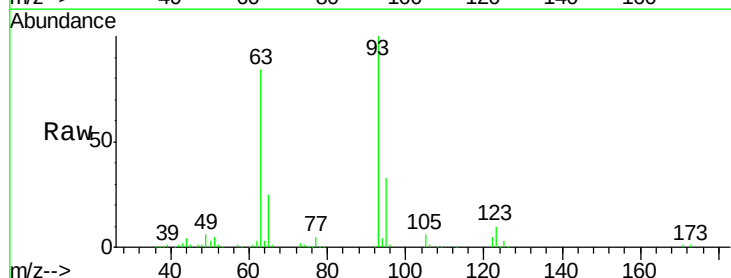
Tgt Ion: 93 Resp: 177583

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

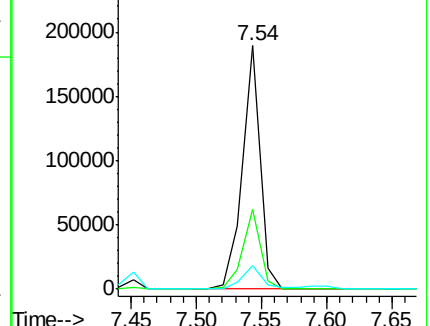
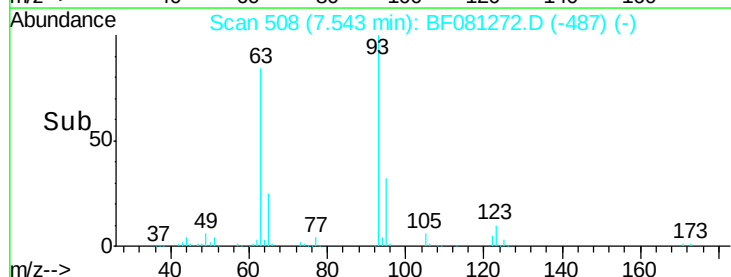
123 9.7 7.4 11.0

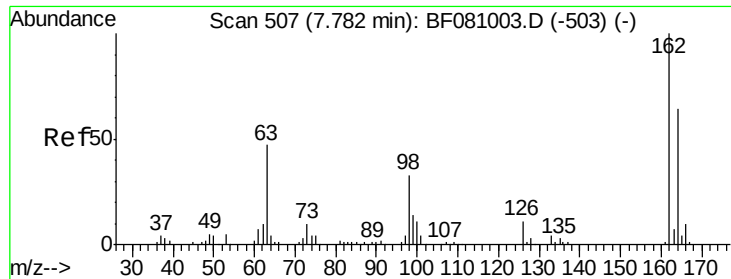


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

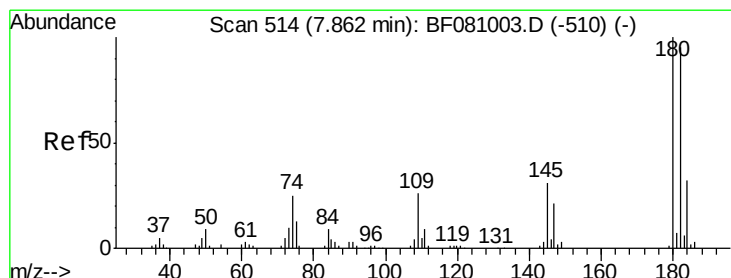
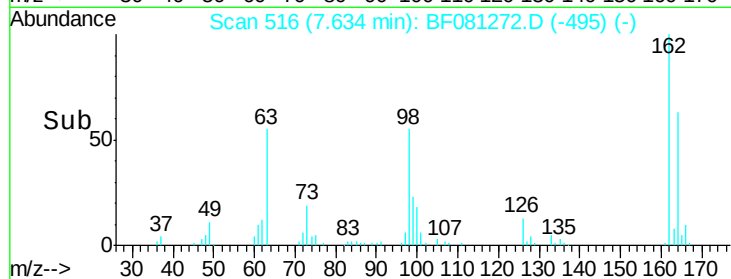
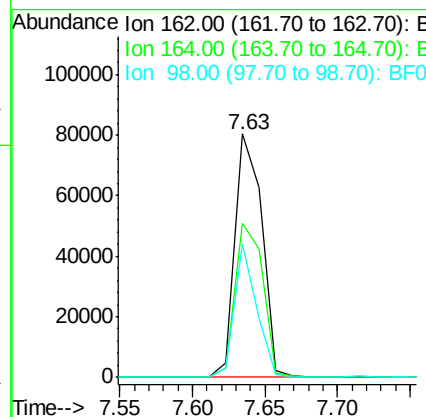
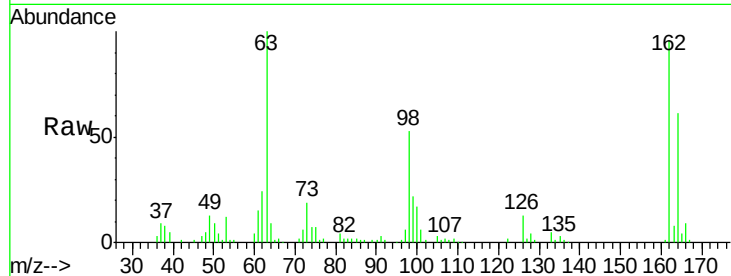




#29
 2,4-Dichlorophenol
 Concen: 40.37 ng
 RT: 7.63 min Scan# 516
 Delta R.T. -0.06 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

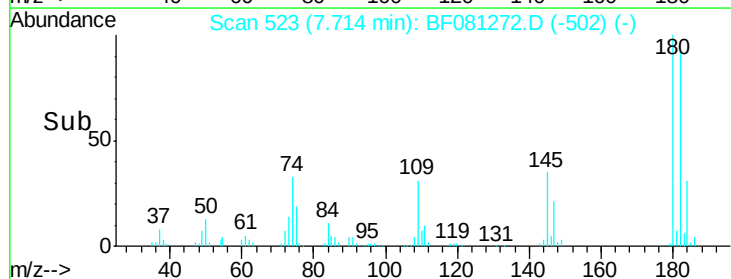
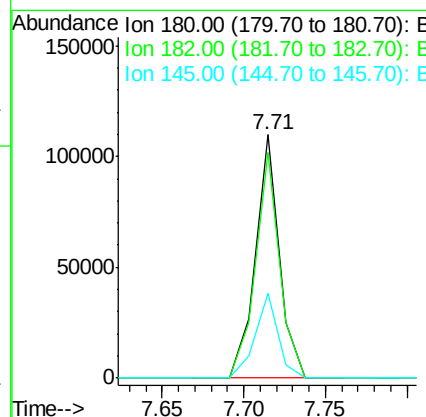
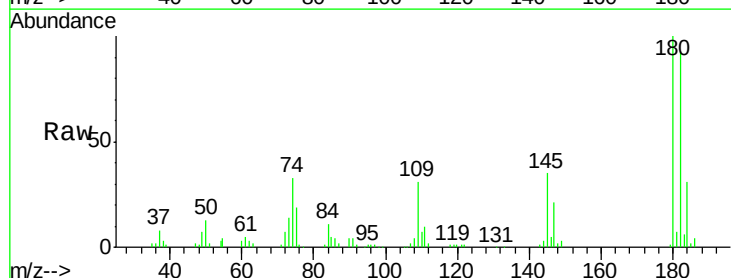
Instrument :
 BNA_F
 ClientSampleId :

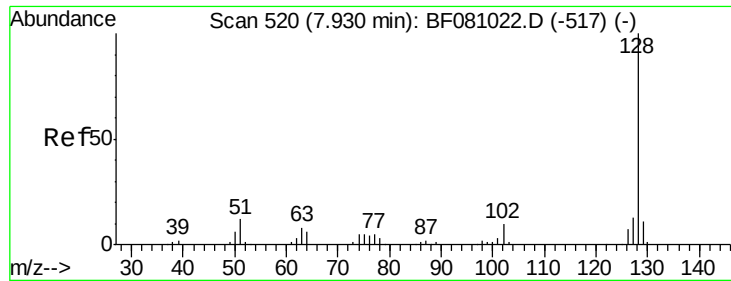
Tot Ion:162 Resp: 103980
 Ion Ratio Lower Upper
 162 100
 164 63.1 43.2 83.2
 98 55.1 12.3 52.3#



#30
 1,2,4-Trichlorobenzene
 Concen: 38.94 ng
 RT: 7.71 min Scan# 523
 Delta R.T. -0.06 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Tgt Ion:180 Resp: 111461
 Ion Ratio Lower Upper
 180 100
 182 92.5 76.4 114.6
 145 35.1 25.4 38.2

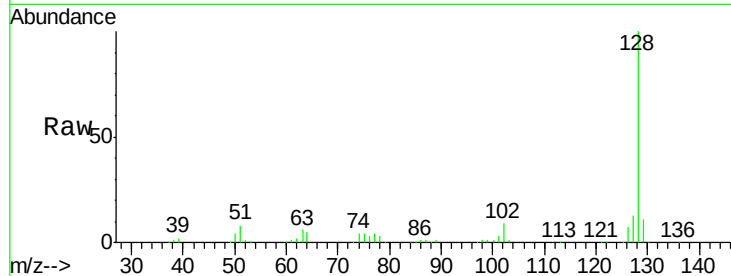




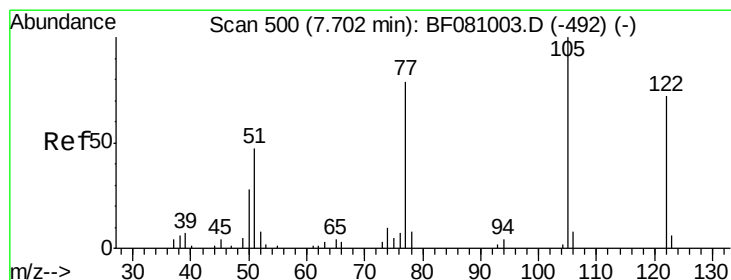
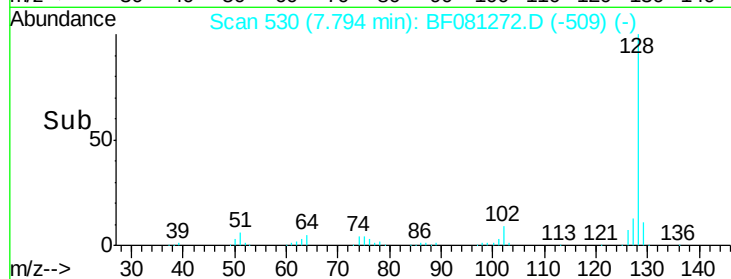
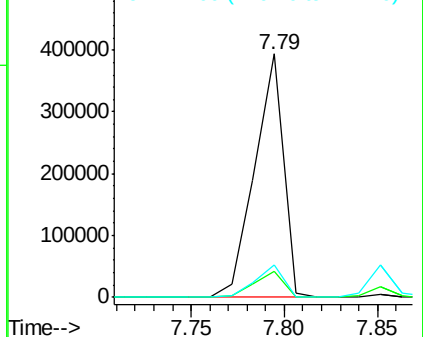
#31
Naphthalene
Concen: 41.45 ng
RT: 7.79 min Scan# 530
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 419802
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.2 10.6 16.0

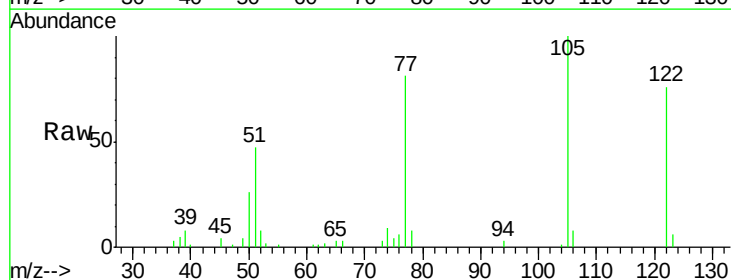


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

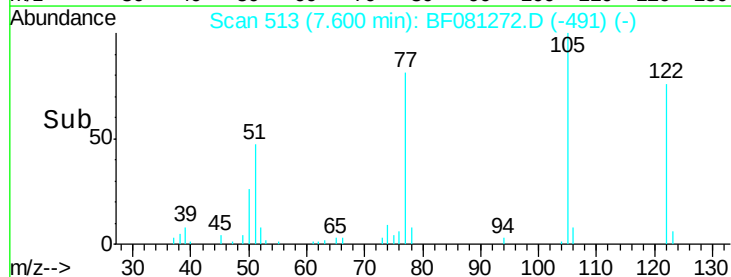
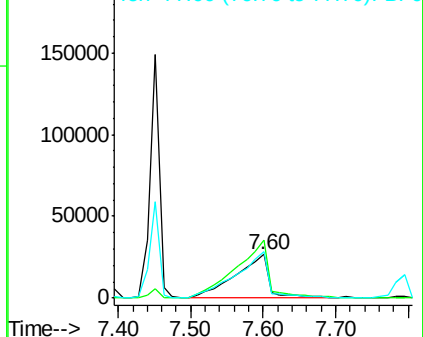


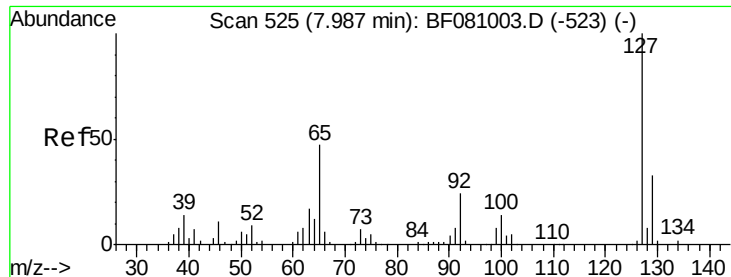
#32
Benzoic acid
Concen: 49.43 ng
RT: 7.60 min Scan# 513
Delta R.T. -0.05 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Tgt Ion:122 Resp: 85065
Ion Ratio Lower Upper
122 100
105 131.2 113.8 153.8
77 106.0 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

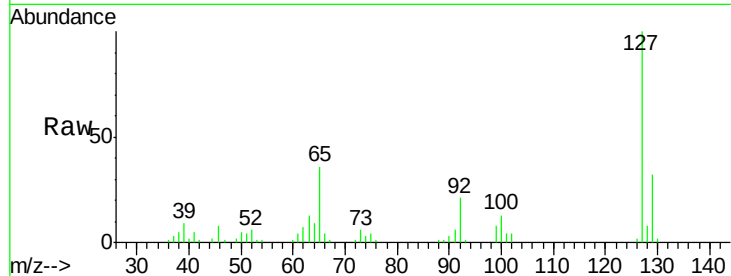




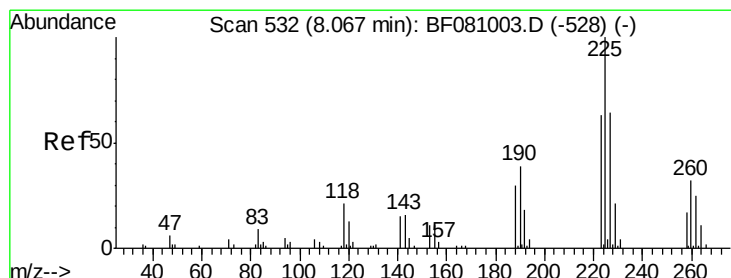
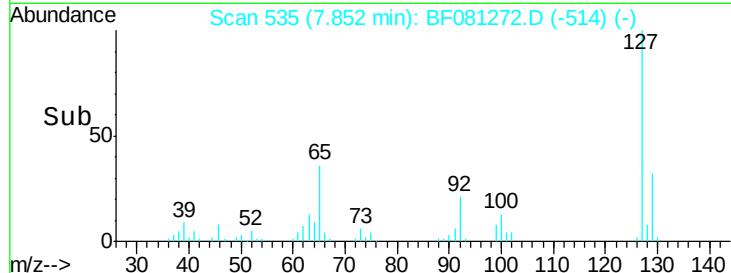
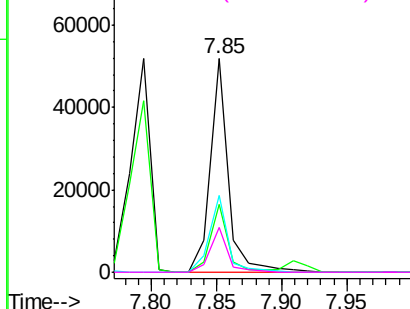
#33
4-Chloroaniline
Concen: 11.76 ng
RT: 7.85 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	50239
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.2	37.8
65	35.9	37.8	56.6
92	20.7	19.5	29.3

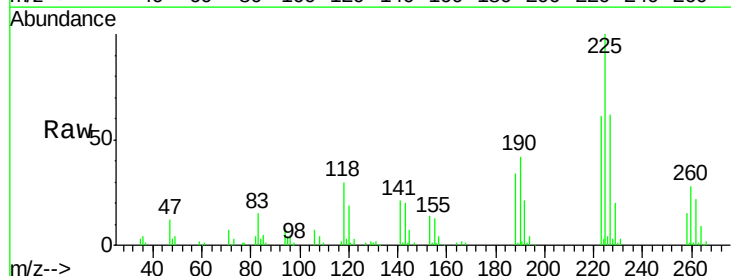


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

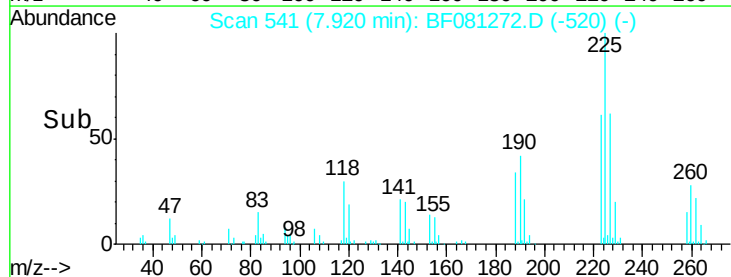
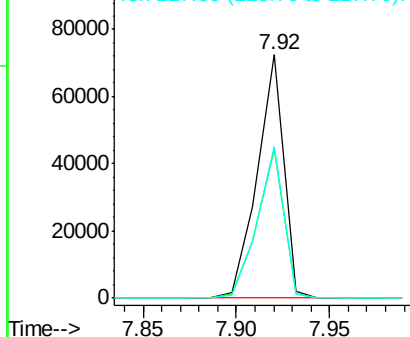


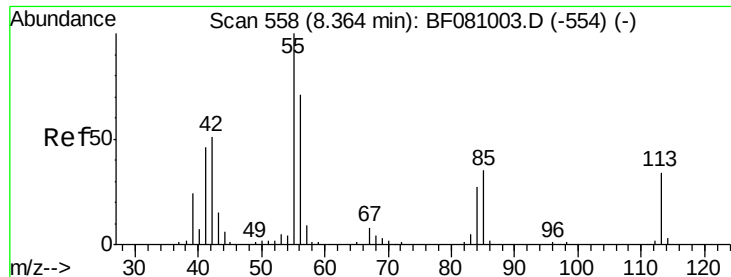
#34
Hexachlorobutadiene
Concen: 43.87 ng
RT: 7.92 min Scan# 541
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Tgt Ion:	225	Resp:	71021
Ion	Ratio	Lower	Upper
225	100		
223	61.1	52.6	79.0
227	62.0	51.1	76.7



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

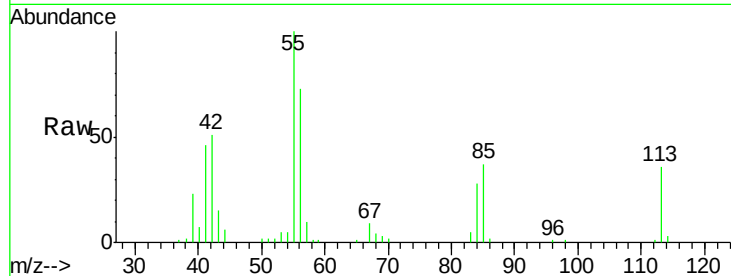




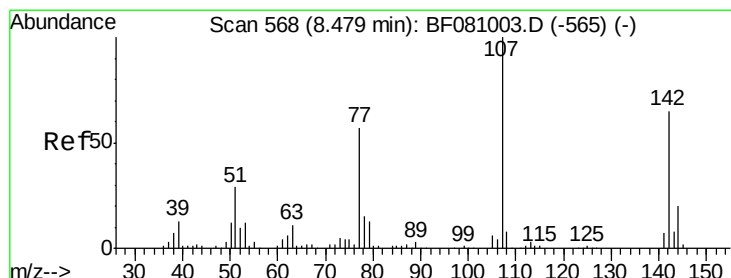
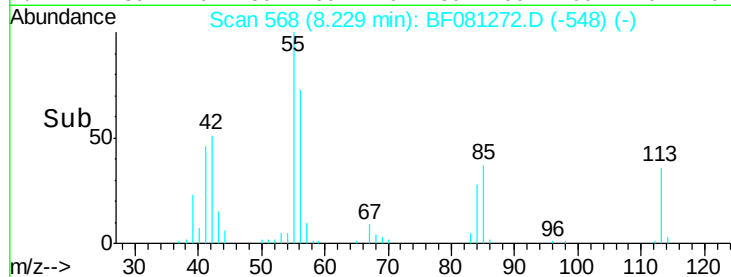
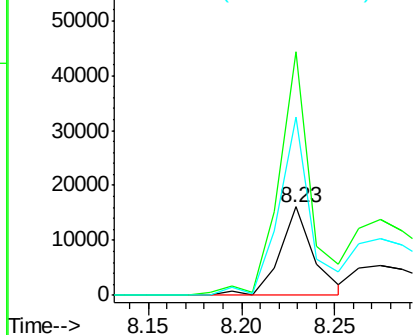
#35
 Caprolactam
 Concen: 22.36 ng
 RT: 8.23 min Scan# 568
 Delta R.T. -0.07 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 20131
 Ion Ratio Lower Upper
 113 100
 55 274.6 280.4 320.4#
 56 201.1 205.9 245.9#

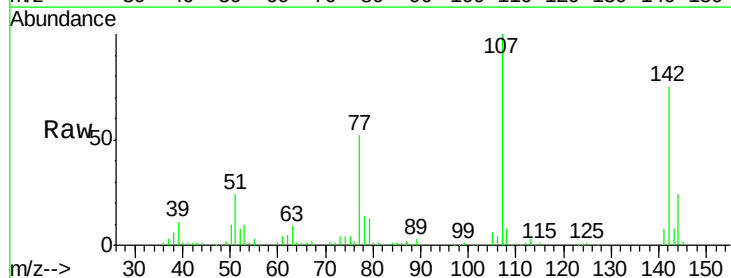


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

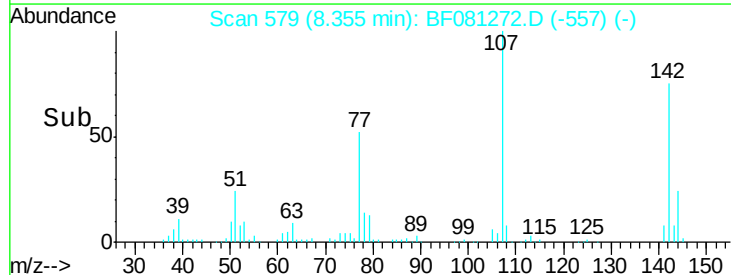
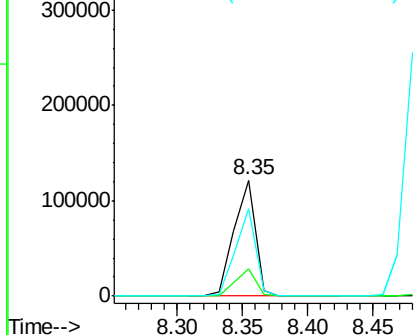


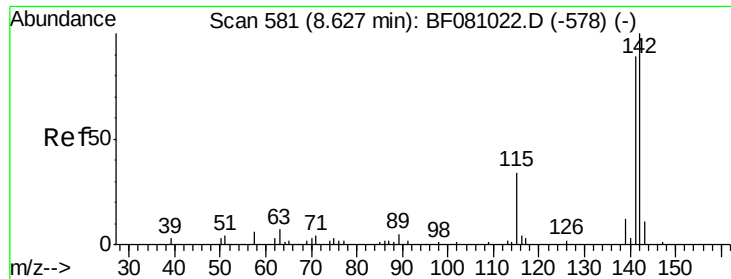
#36
 4-Chloro-3-methylphenol
 Concen: 45.04 ng
 RT: 8.35 min Scan# 579
 Delta R.T. -0.05 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Tgt Ion:107 Resp: 138271
 Ion Ratio Lower Upper
 107 100
 144 23.9 17.2 25.8
 142 75.1 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

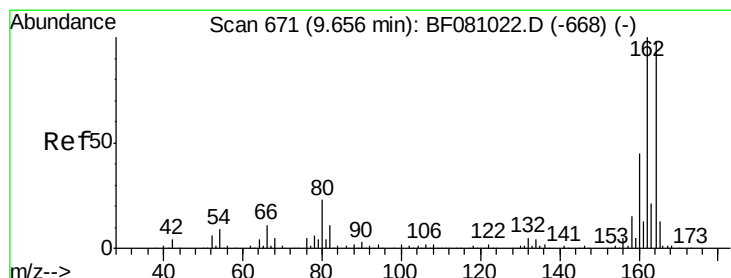
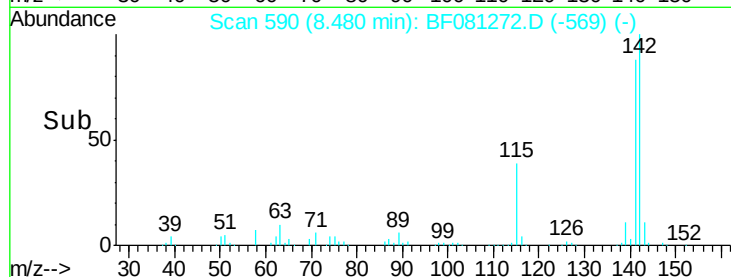
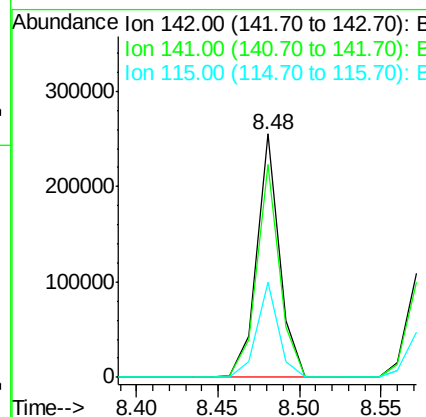
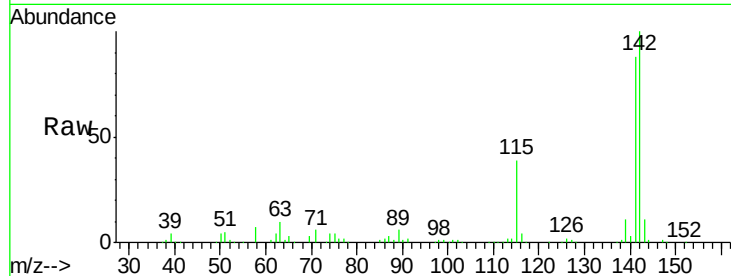




#37
 2-Methylnaphthalene
 Concen: 38.72 ng
 RT: 8.48 min Scan# 590
 Delta R.T. -0.06 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

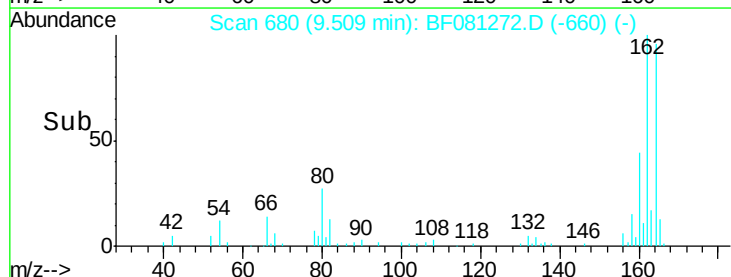
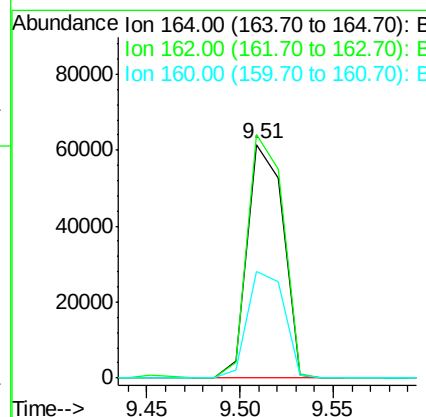
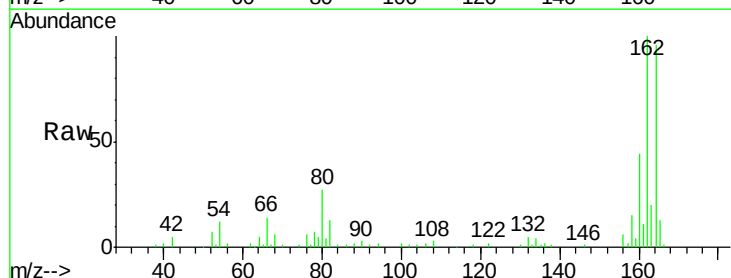
Instrument :
 BNA_F
 ClientSampleId :

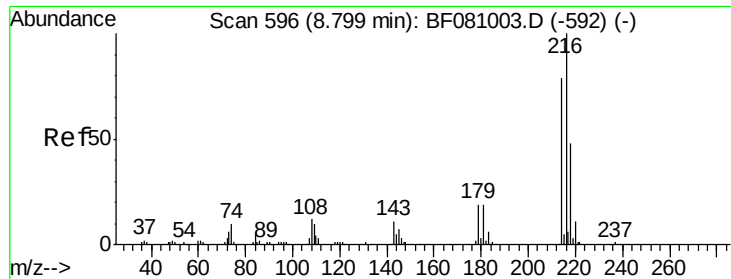
Tot Ion:142 Resp: 247675
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.4 107.2
 115 38.9 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.07 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Tgt Ion:164 Resp: 82020
 Ion Ratio Lower Upper
 164 100
 162 104.3 83.8 125.8
 160 45.9 39.8 59.8

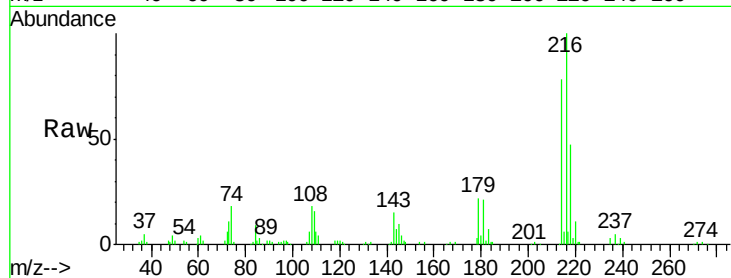




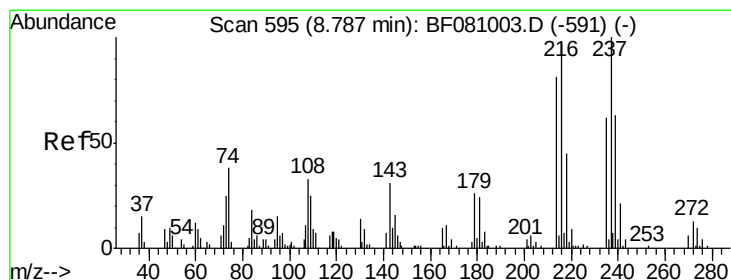
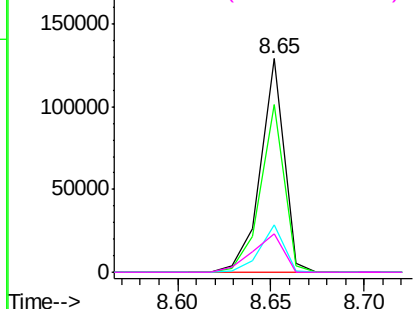
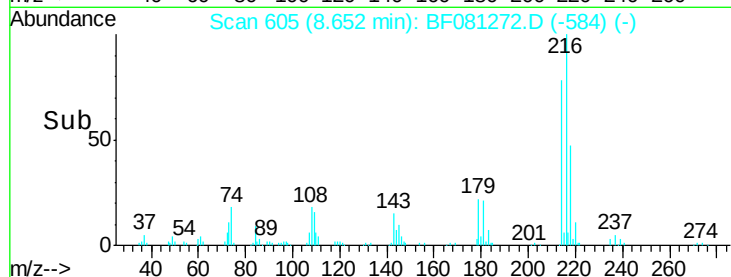
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.59 ng
 RT: 8.65 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	112708
Ion Ratio	Lower	Upper
216	100	
214	78.5	63.8 95.8
179	22.8	17.8 26.8
108	24.3	16.2 24.2#

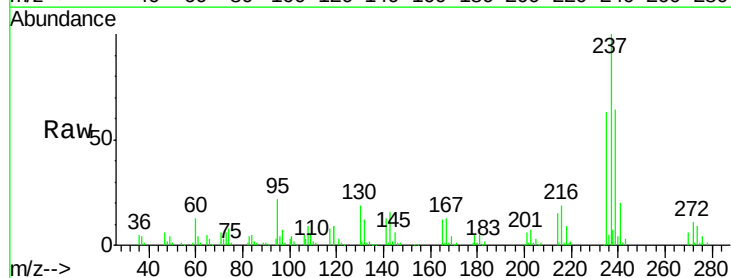


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

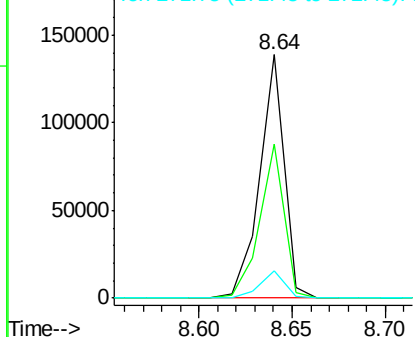
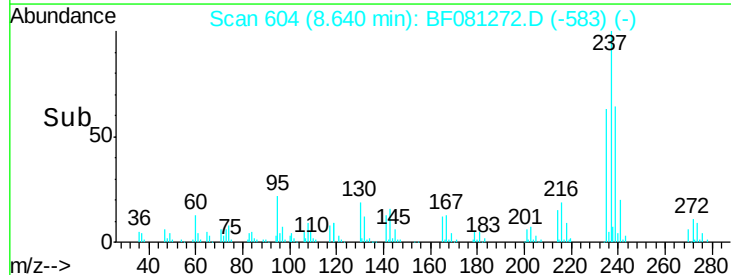


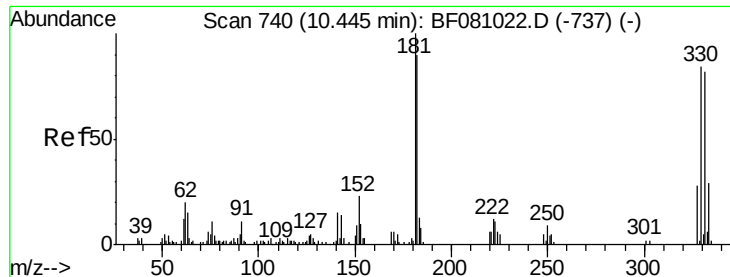
#40
 Hexachlorocyclopentadiene
 Concen: 91.42 ng
 RT: 8.64 min Scan# 604
 Delta R.T. -0.06 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Tgt Ion:237	Resp:	125223
Ion Ratio	Lower	Upper
237	100	
235	63.3	43.6 83.6
272	11.3	0.0 32.2



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 77.92 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampleId :

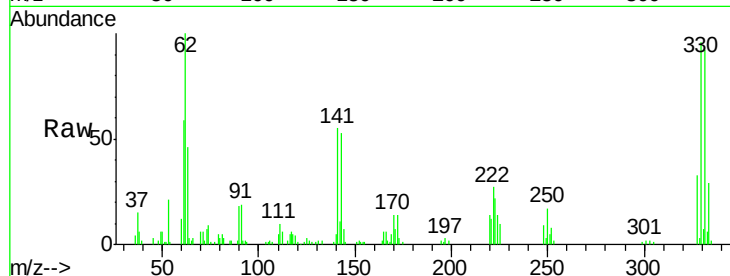
Tot Ion:330 Resp: 55401

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

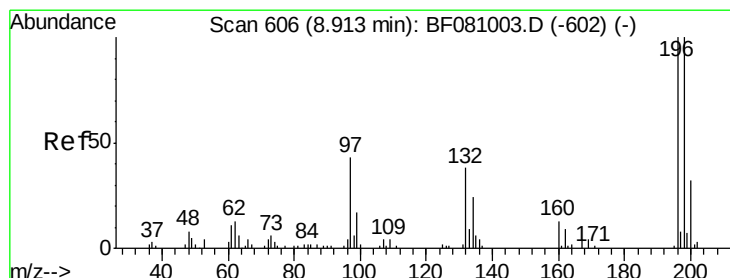
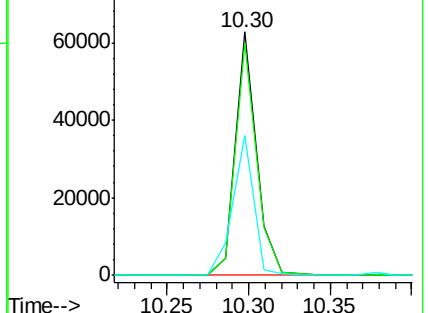
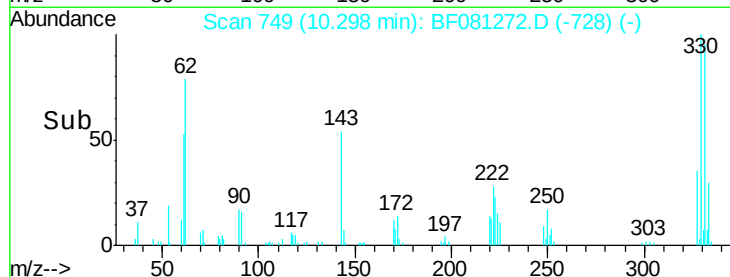
141 57.1 44.9 67.3



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: 37.47 ng

RT: 8.77 min Scan# 615

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

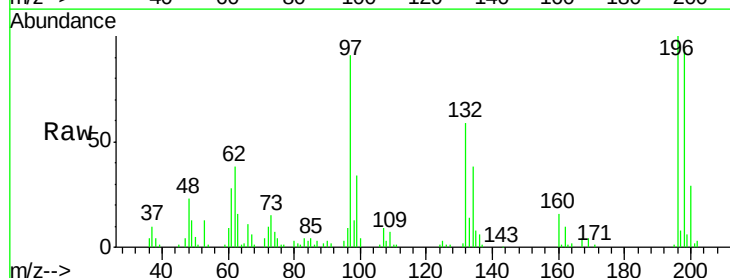
Tgt Ion:196 Resp: 70056

Ion Ratio Lower Upper

196 100

198 94.1 74.6 111.8

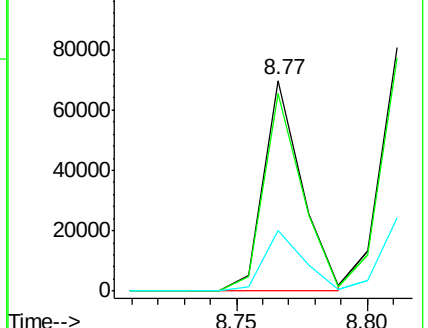
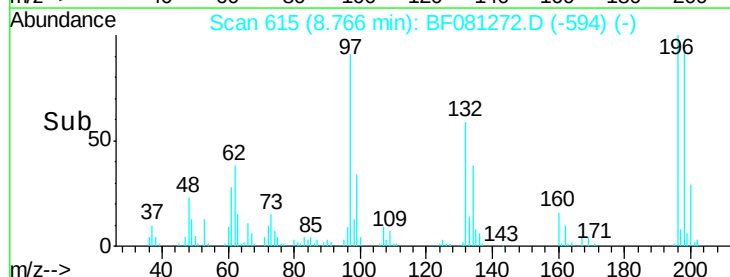
200 28.9 22.7 34.1

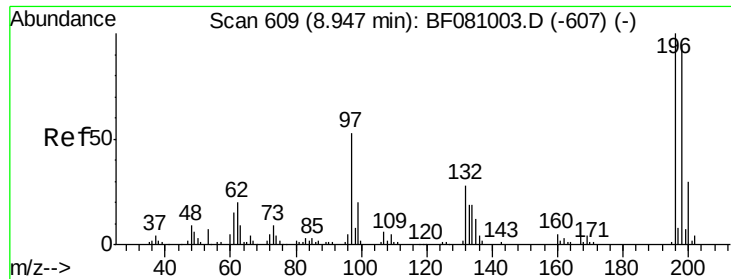


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

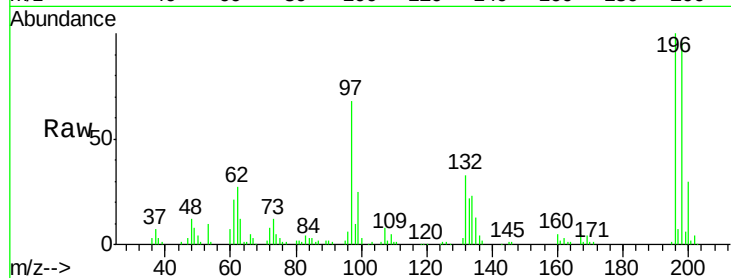




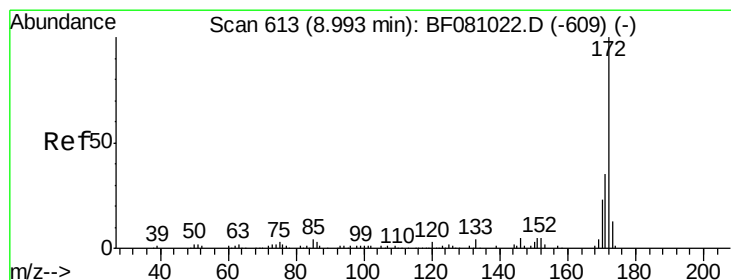
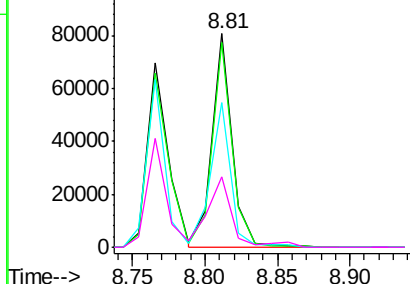
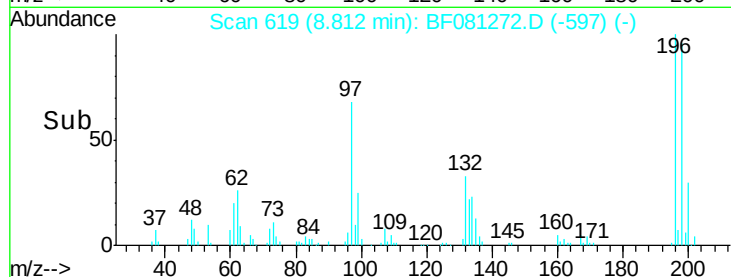
#43
 2,4,5-Trichlorophenol
 Concen: 41.41 ng
 RT: 8.81 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 77365
 Ion Ratio Lower Upper
 196 100
 198 96.1 78.3 117.5
 97 67.9 42.7 64.1#
 132 33.2 23.3 34.9

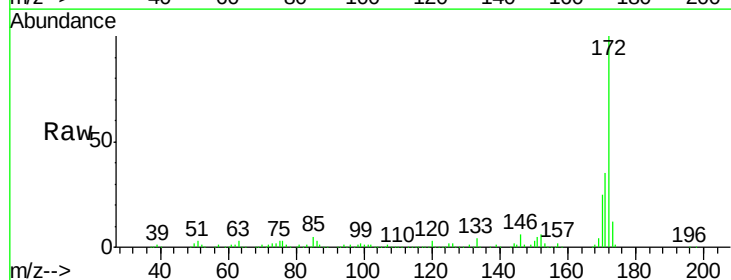


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

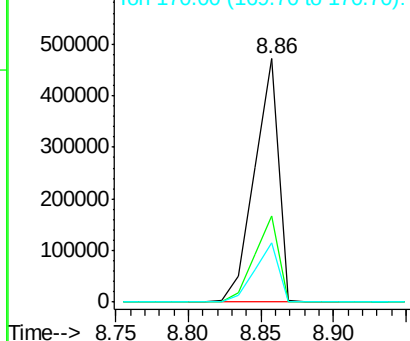
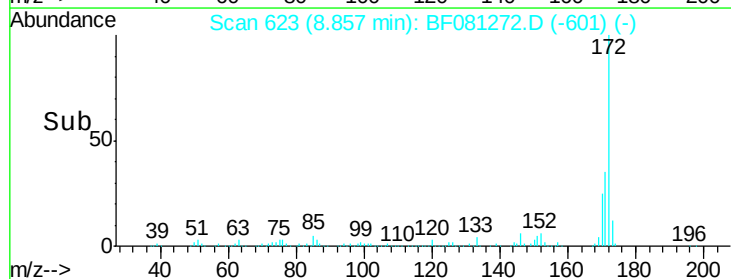


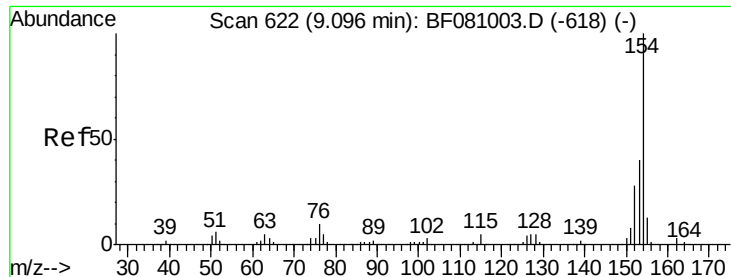
#44
 2-Fluorobiphenyl
 Concen: 86.66 ng
 RT: 8.86 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Tgt Ion:172 Resp: 542480
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 24.5 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: 43.29 ng

RT: 8.95 min Scan# 631

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampleId :

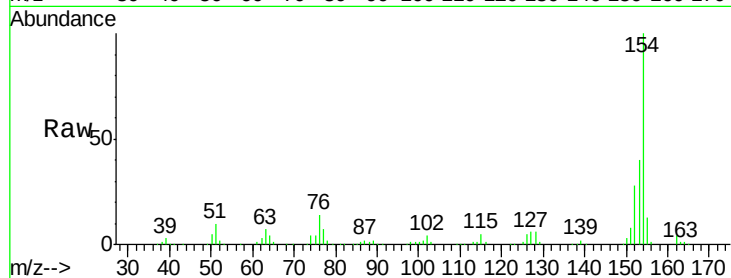
Tot Ion:154 Resp: 312768

Ion Ratio Lower Upper

154 100

153 40.3 19.5 59.5

76 14.4 0.0 29.3

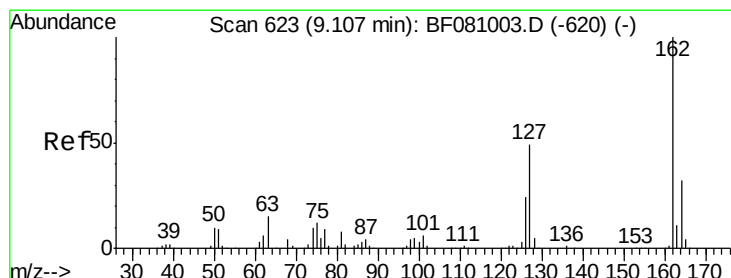
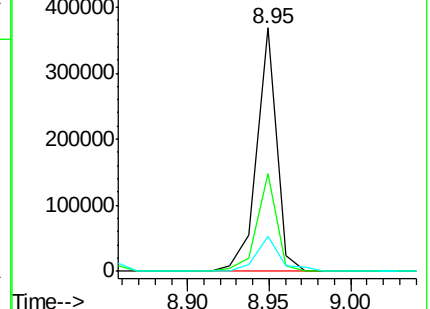
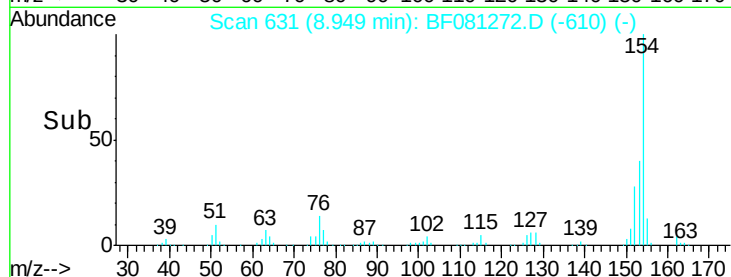


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

Time-->



#46

2-Chloronaphthalene

Concen: 40.36 ng

RT: 8.97 min Scan# 633

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

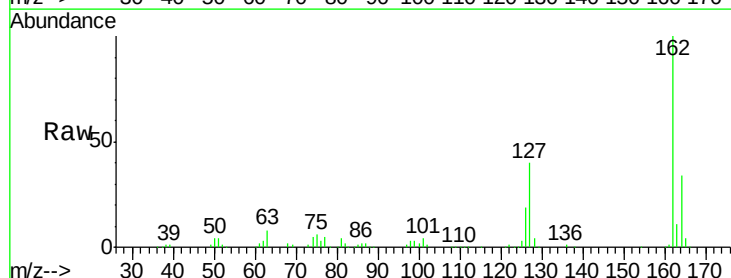
Tgt Ion:162 Resp: 234239

Ion Ratio Lower Upper

162 100

127 40.0 31.3 46.9

164 33.7 26.3 39.5

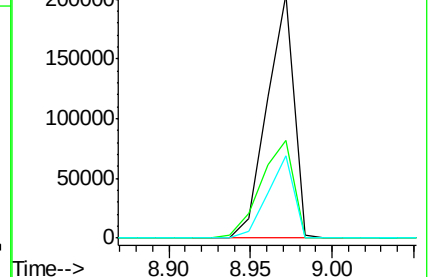
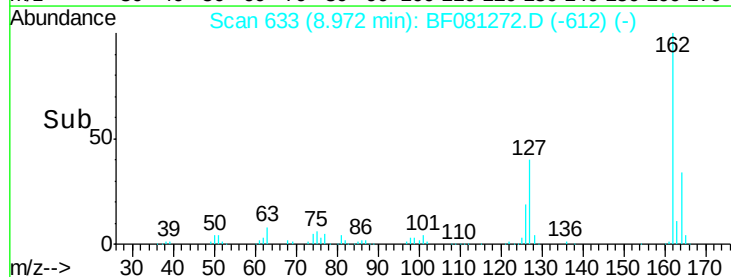


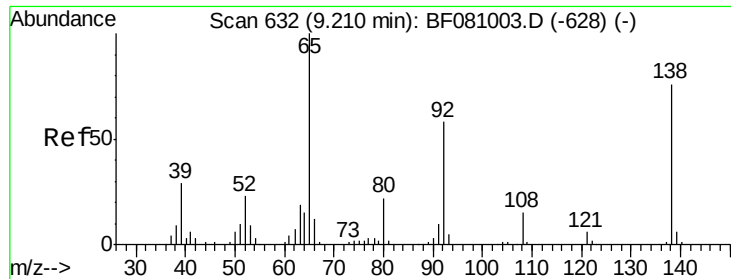
Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->

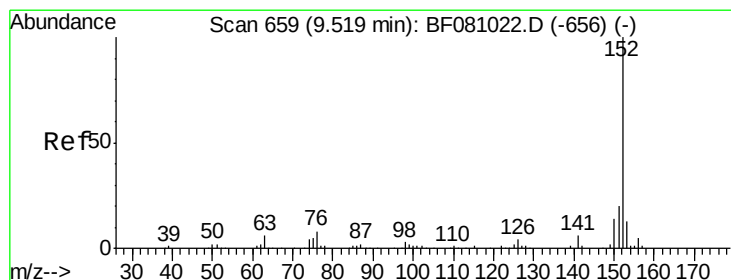
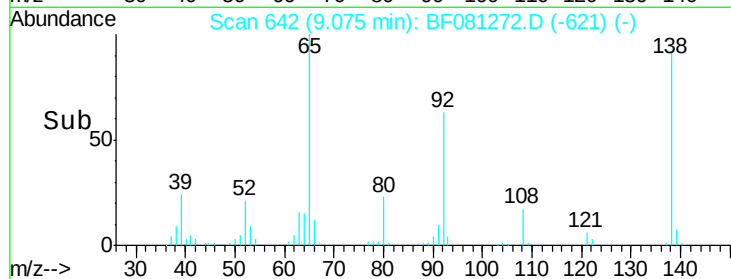
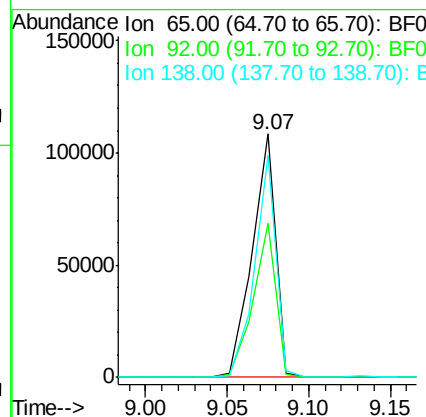
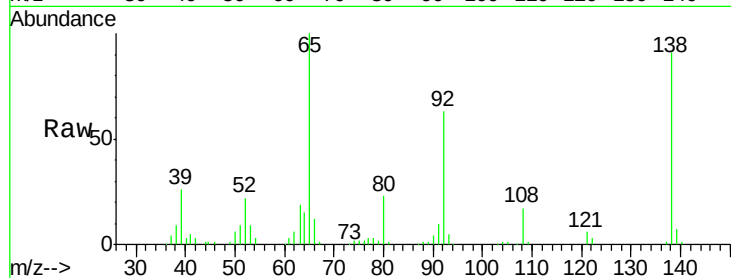




#47
 2-Nitroaniline
 Concen: 45.58 ng
 RT: 9.07 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

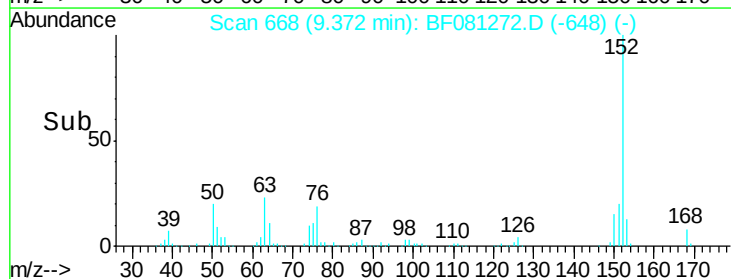
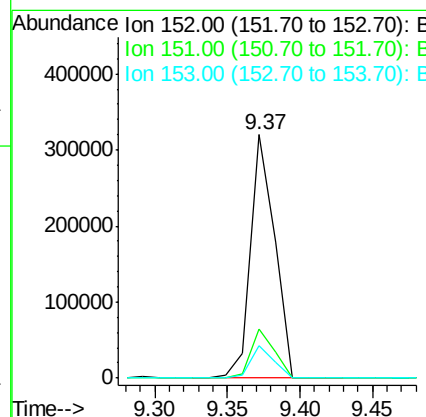
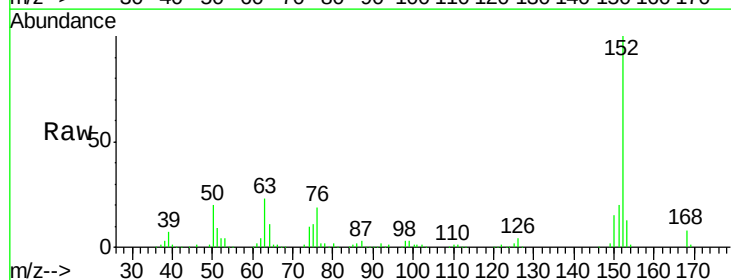
Instrument :
 BNA_F
 ClientSampleId :

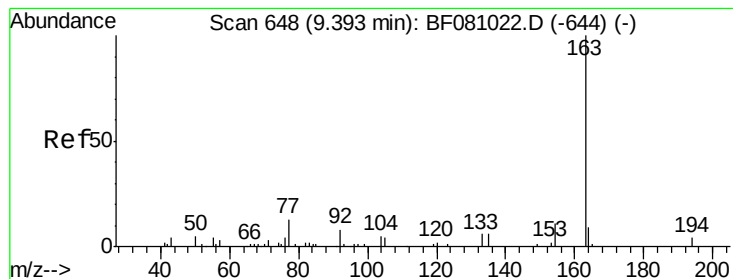
Tot Ion: 65 Resp: 108250
 Ion Ratio Lower Upper
 65 100
 92 63.4 45.6 68.4
 138 91.3 57.9 86.9#



#48
 Acenaphthylene
 Concen: 35.47 ng
 RT: 9.37 min Scan# 668
 Delta R.T. -0.07 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Tgt Ion: 152 Resp: 368263
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.1 24.1
 153 13.3 9.8 14.6





#49

Dimethylphthalate

Concen: 43.46 ng

RT: 9.27 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampleId :

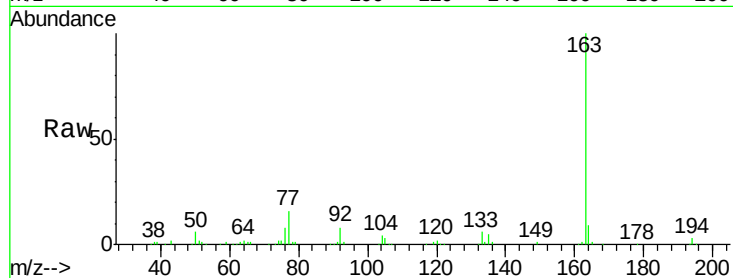
Tot Ion:163 Resp: 293581

Ion Ratio Lower Upper

163 100

194 3.4 2.5 3.7

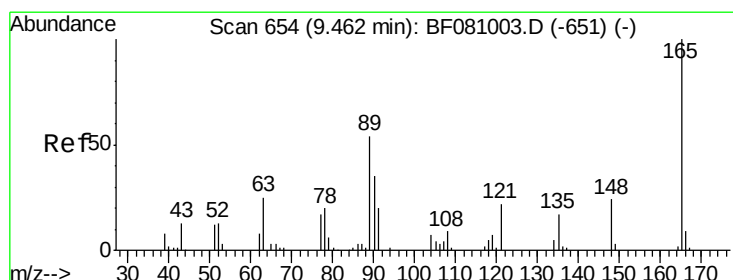
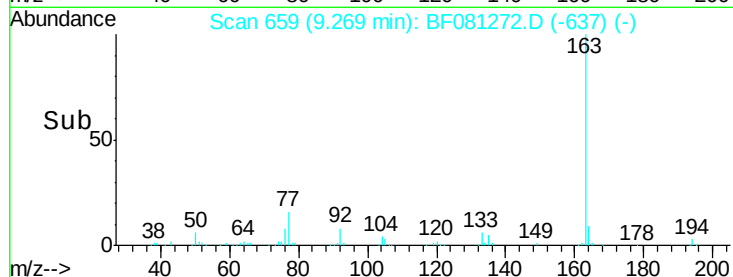
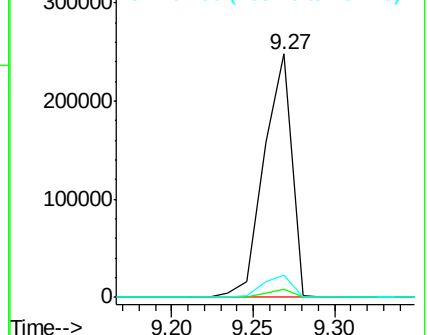
164 9.3 8.1 12.1



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: 39.38 ng

RT: 9.31 min Scan# 663

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

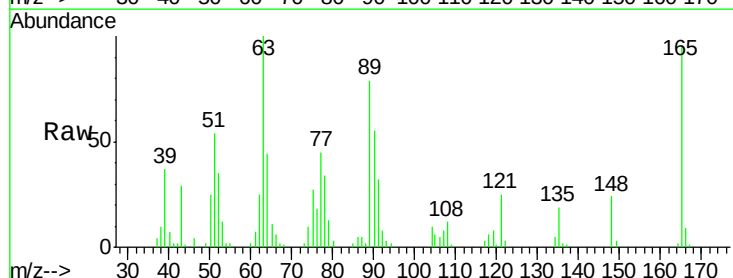
Tgt Ion:165 Resp: 57110

Ion Ratio Lower Upper

165 100

63 104.5 49.5 74.3#

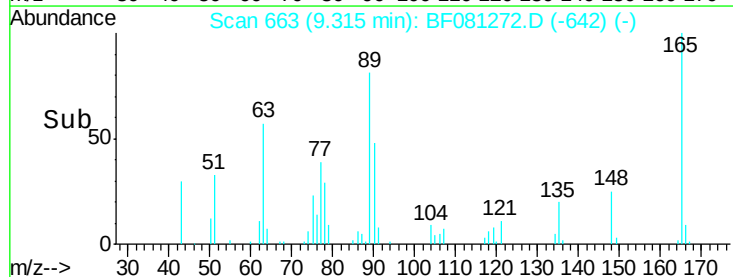
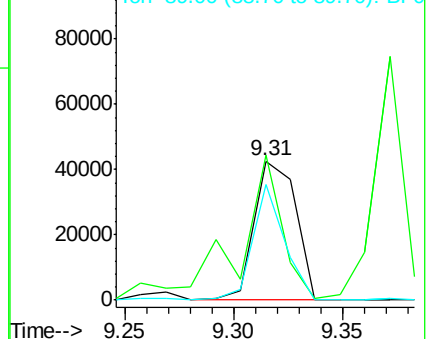
89 83.0 47.6 71.4#

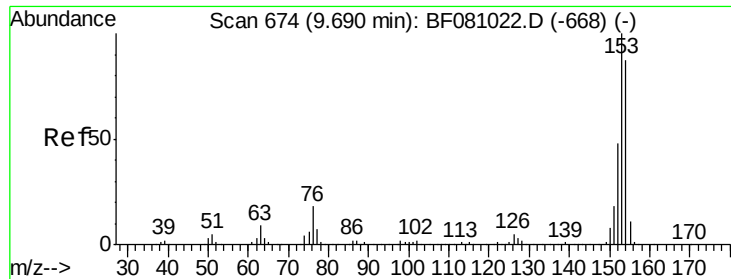


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.79 ng

RT: 9.54 min Scan# 683

Delta R.T. -0.07 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampleId :

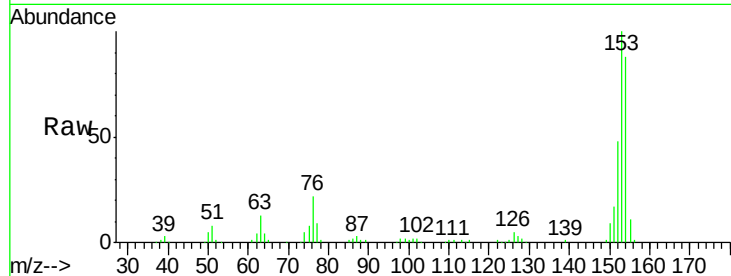
Tot Ion:154 Resp: 216244

Ion Ratio Lower Upper

154 100

153 113.8 91.4 137.2

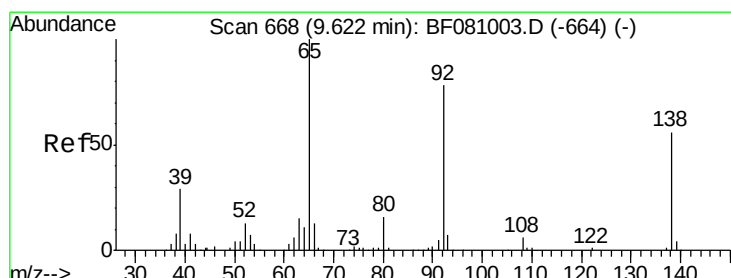
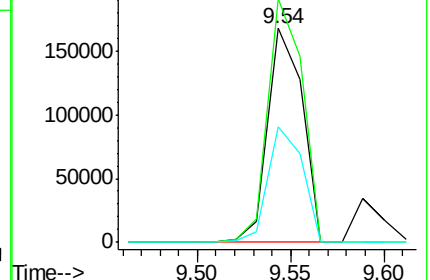
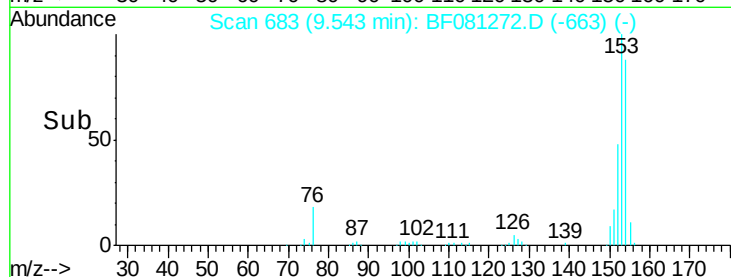
152 54.1 43.7 65.5



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: 18.60 ng

RT: 9.47 min Scan# 677

Delta R.T. -0.07 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

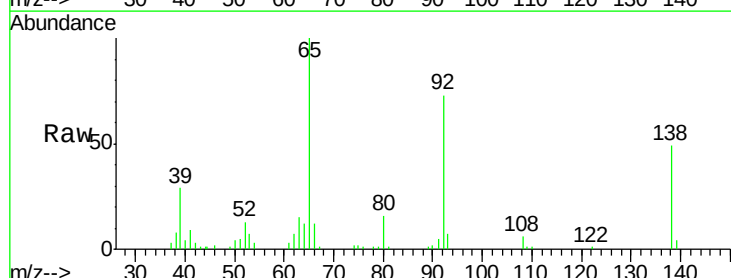
Tgt Ion:138 Resp: 33757

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.2

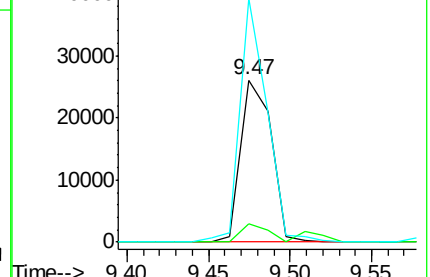
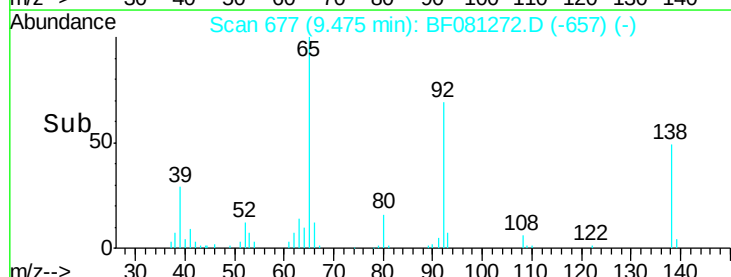
92 150.0 113.2 169.8

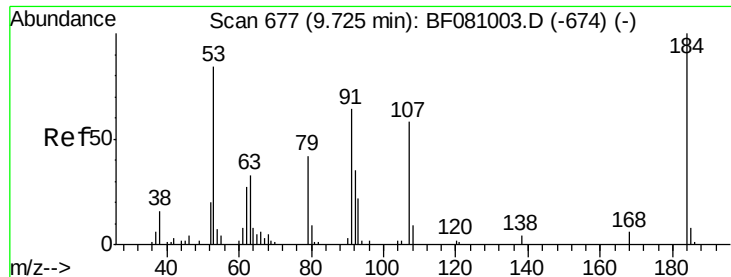


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

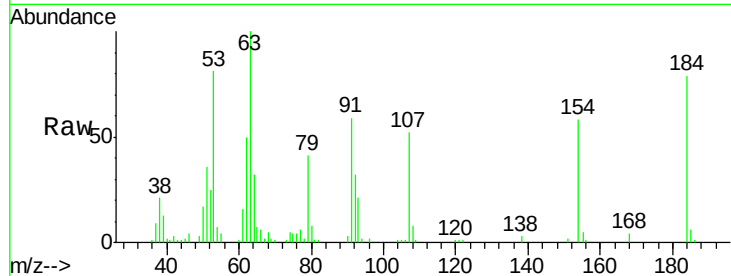




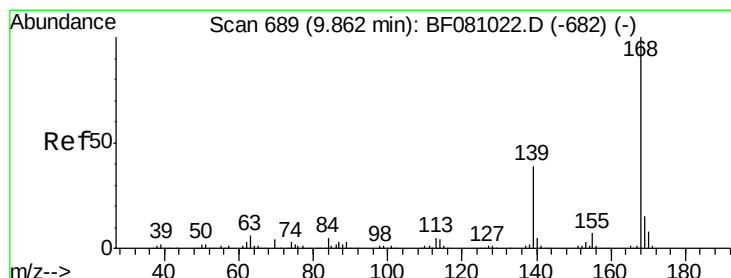
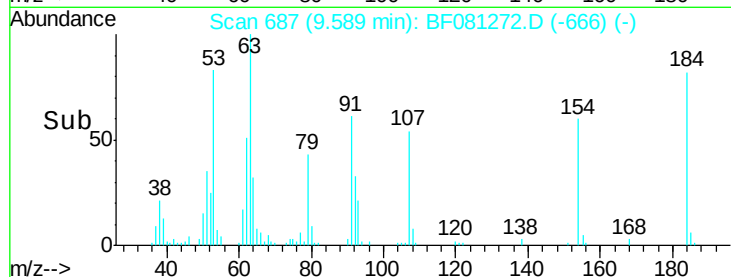
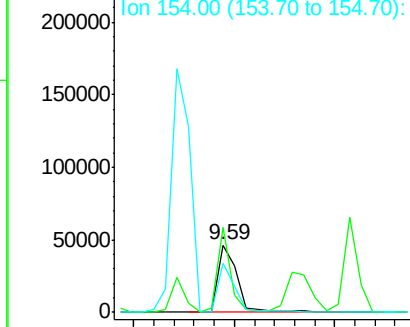
#53
2,4-Dinitrophenol
Concen: 76.11 ng
RT: 9.59 min Scan# 687
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 60938
Ion Ratio Lower Upper
184 100
63 125.8 101.7 152.5
154 73.5 67.4 101.0

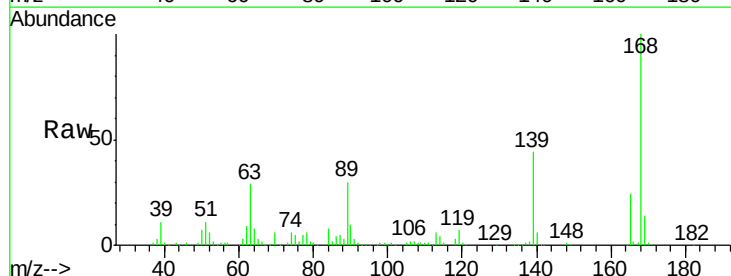


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

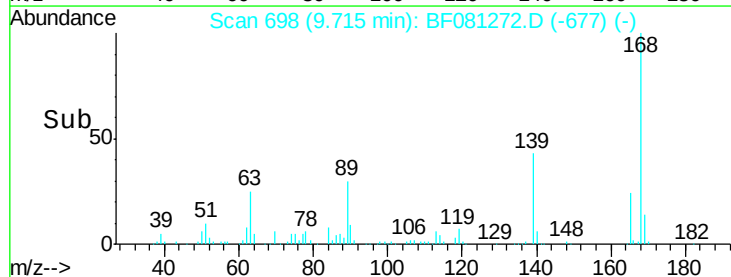
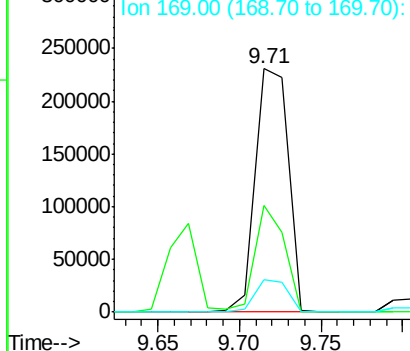


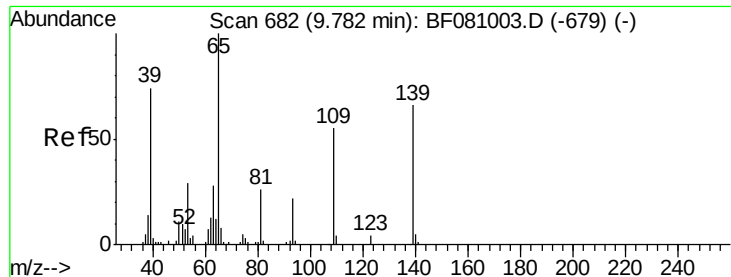
#54
Dibenzofuran
Concen: 38.85 ng
RT: 9.71 min Scan# 698
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Tgt Ion:168 Resp: 323603
Ion Ratio Lower Upper
168 100
139 43.6 29.3 43.9
169 13.6 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

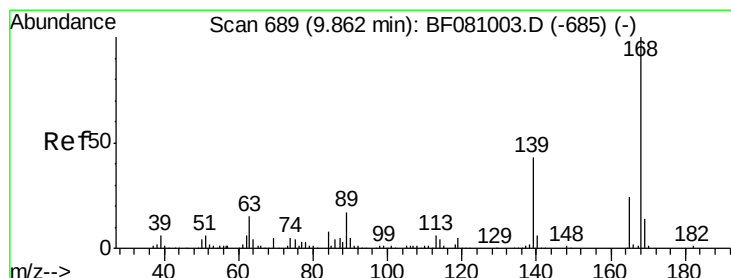
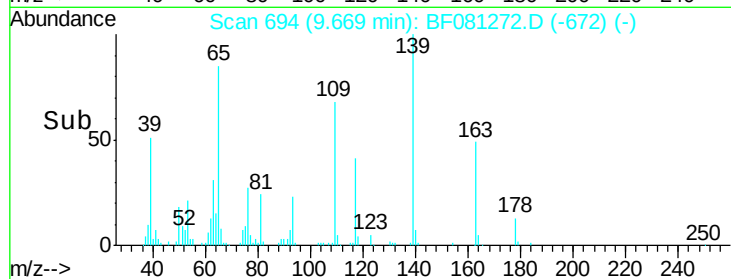
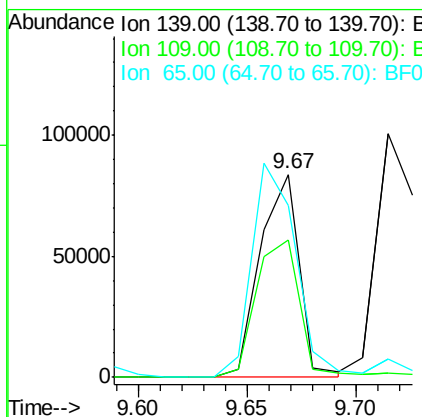
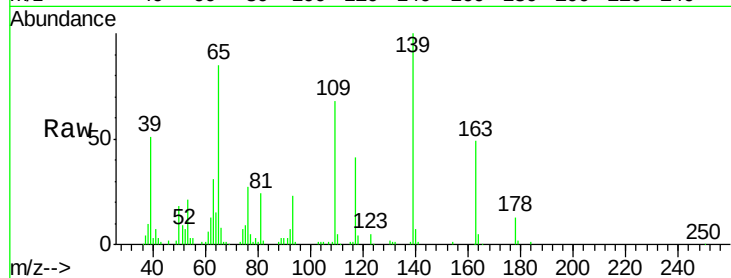




#55
4-Nitrophenol
Concen: 82.92 ng
RT: 9.67 min Scan# 694
Delta R.T. -0.05 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

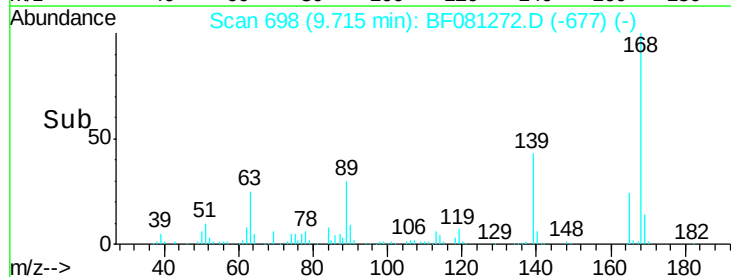
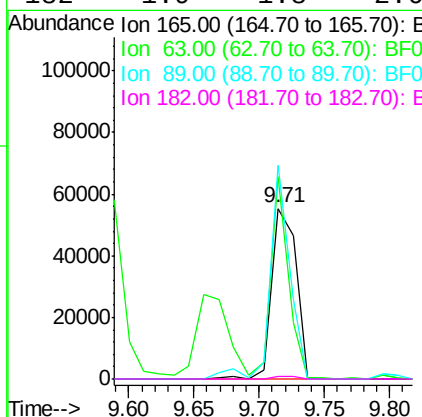
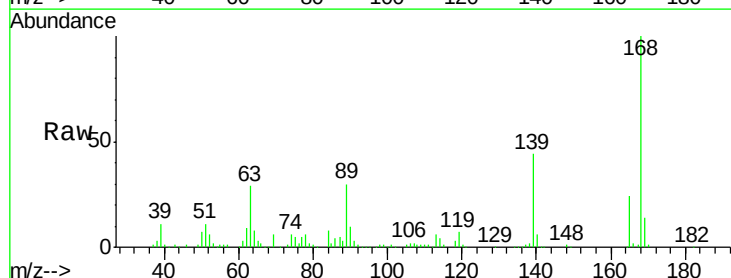
Instrument :
BNA_F
ClientSampled :

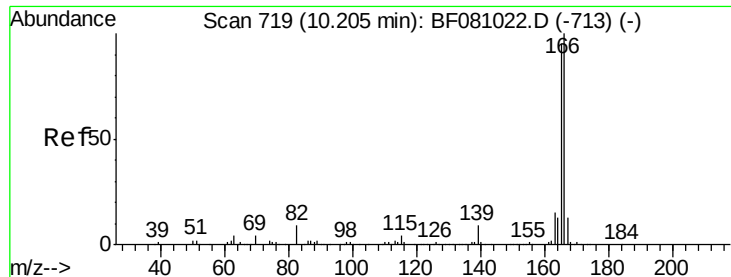
Tot Ion:139 Resp: 105700
Ion Ratio Lower Upper
139 100
109 67.8 80.0 120.0#
65 84.7 138.3 178.3#



#56
2,4-Dinitrotoluene
Concen: 38.07 ng
RT: 9.71 min Scan# 698
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Tgt Ion:165 Resp: 73173
Ion Ratio Lower Upper
165 100
63 119.1 52.2 78.4#
89 125.4 60.1 90.1#
182 1.9 1.8 2.6





#57

Fluorene

Concen: 38.32 ng

RT: 10.06 min Scan# 728

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampleId :

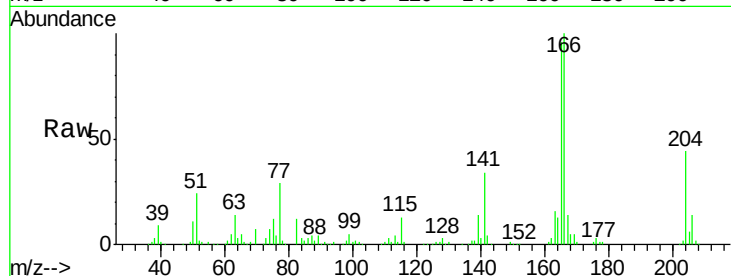
Tot Ion:166 Resp: 245551

Ion Ratio Lower Upper

166 100

165 96.4 75.8 113.8

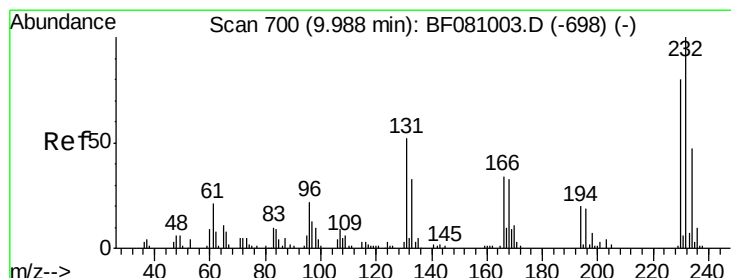
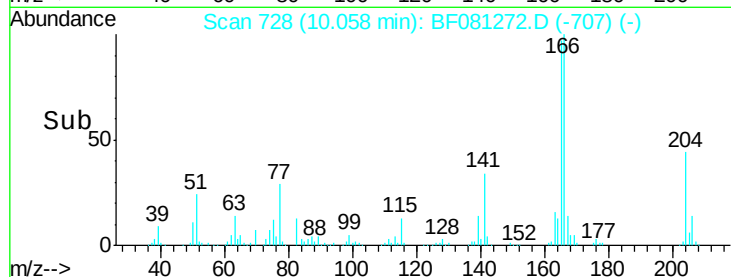
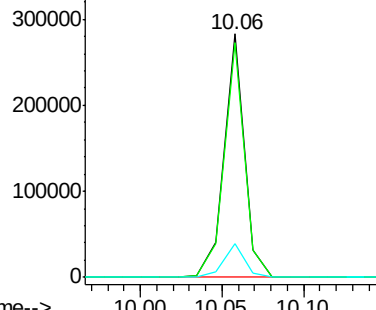
167 14.0 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.42 ng

RT: 9.81 min Scan# 706

Delta R.T. -0.09 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Tgt Ion:232 Resp: 64235

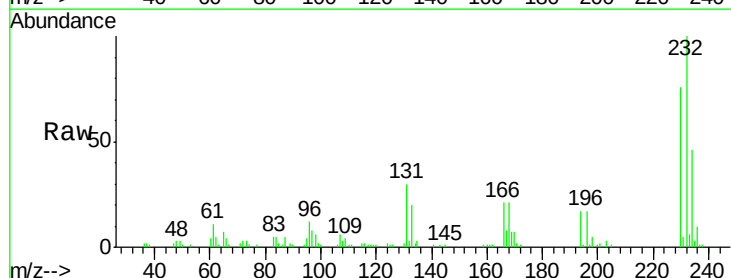
Ion Ratio Lower Upper

232 100

131 45.3 42.2 63.4

130 2.5 2.1 3.1

166 25.5 22.4 33.6

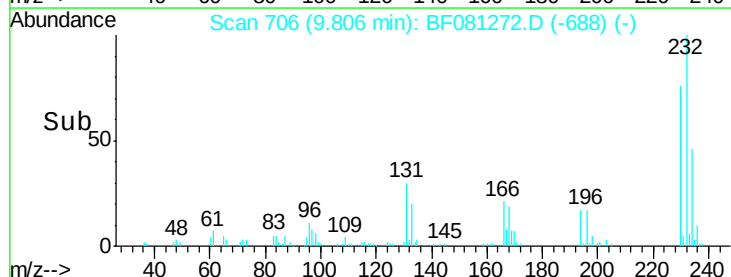
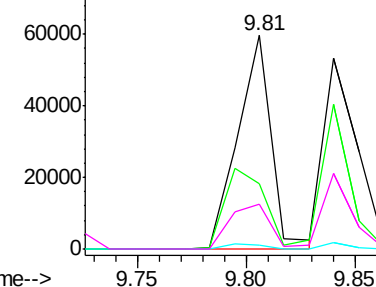


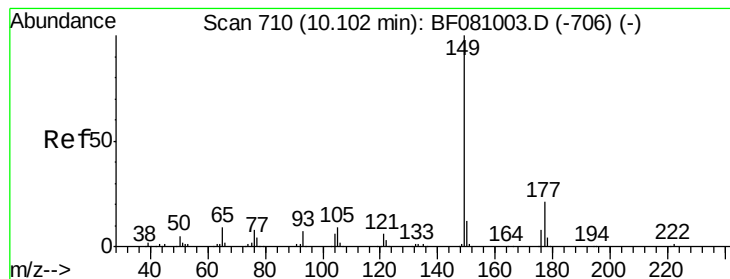
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.93 ng

RT: 9.95 min Scan# 719

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampleId :

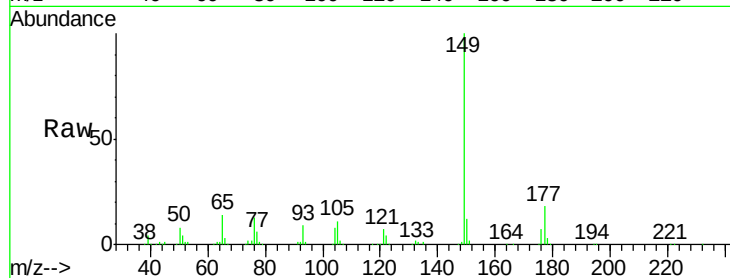
Tot Ion:149 Resp: 278351

Ion Ratio Lower Upper

149 100

177 18.2 14.1 21.1

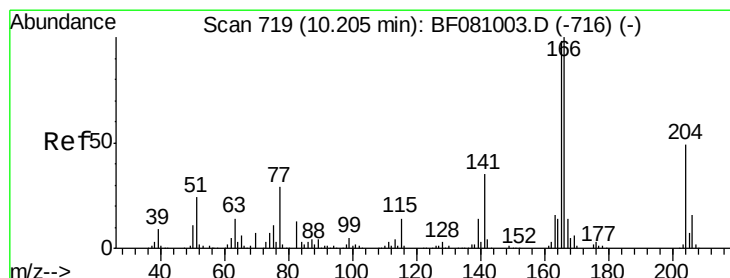
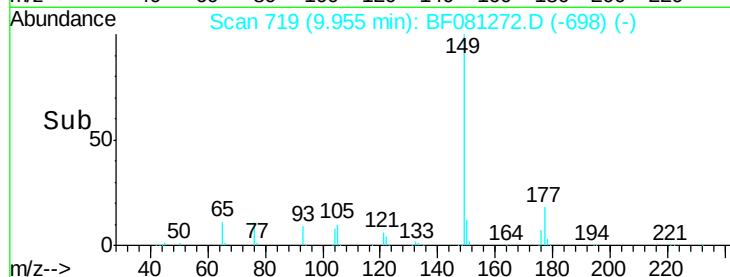
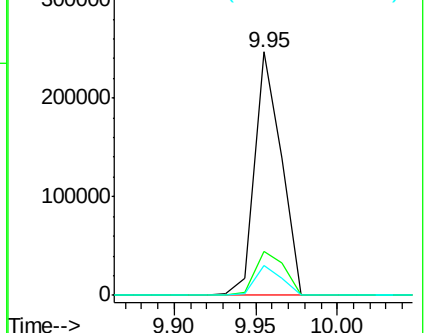
150 12.2 10.3 15.5



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: 40.65 ng

RT: 10.06 min Scan# 728

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

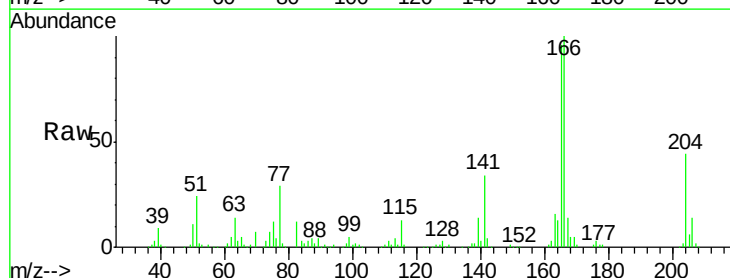
Tgt Ion:204 Resp: 110207

Ion Ratio Lower Upper

204 100

206 30.8 26.2 39.2

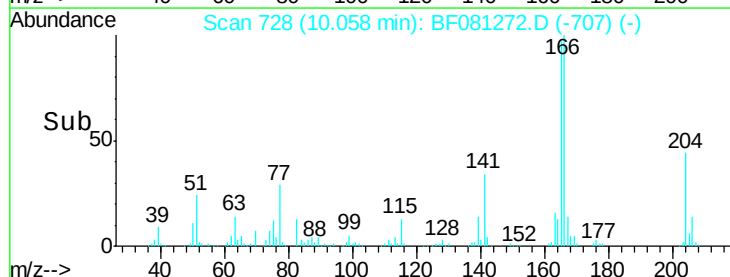
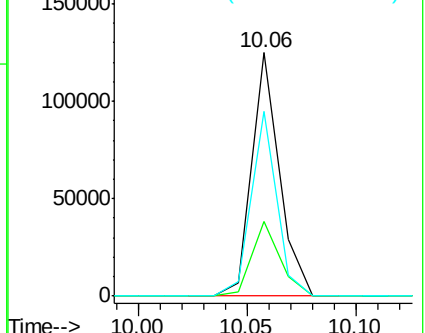
141 76.0 59.6 89.4

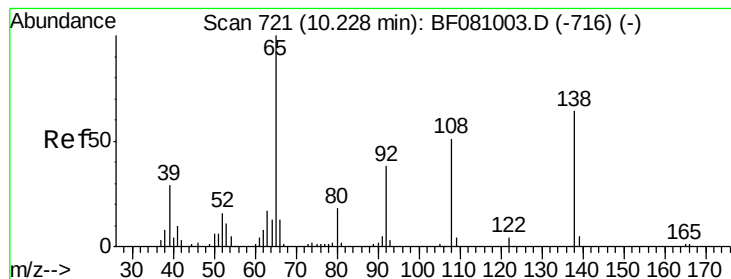


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

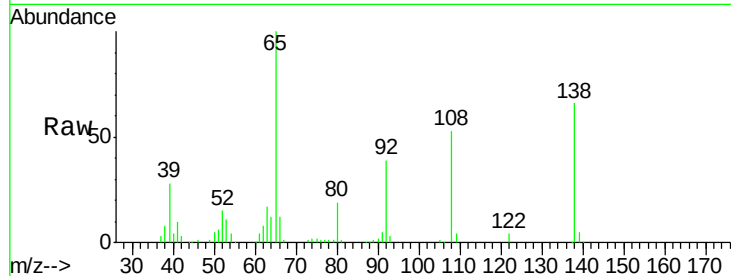




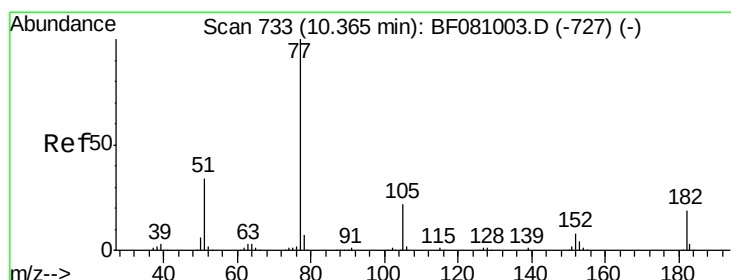
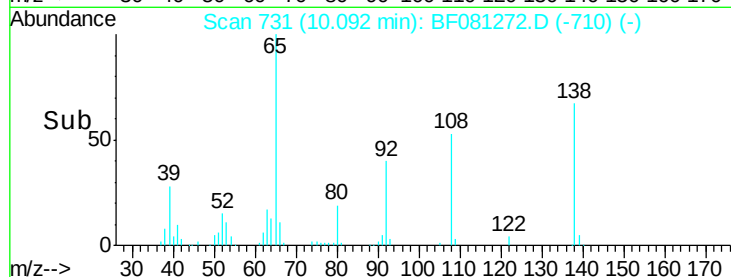
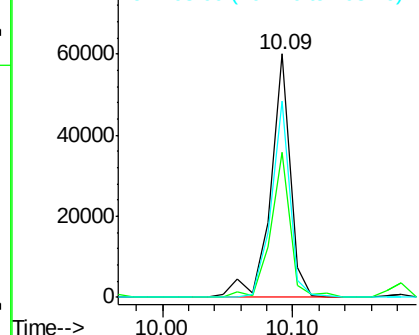
#61
4-Nitroaniline
Concen: 34.13 ng
RT: 10.09 min Scan# 731
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 63310
Ion Ratio Lower Upper
138 100
92 59.5 34.7 74.7
108 80.8 68.9 108.9

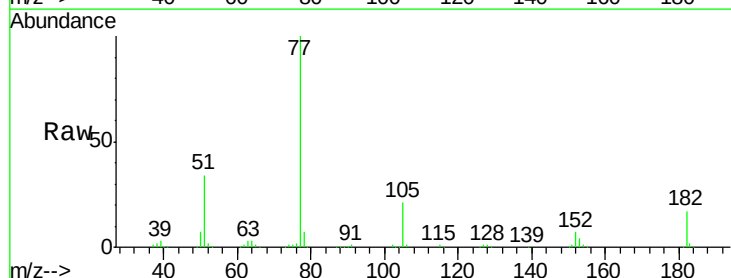


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

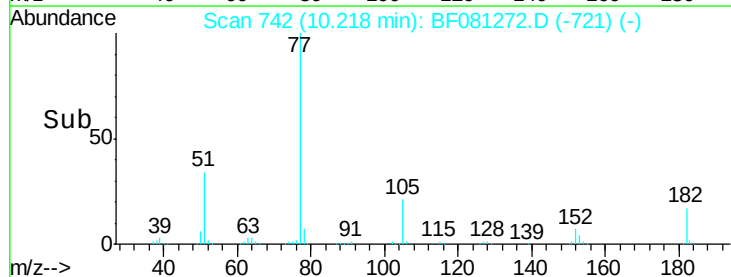
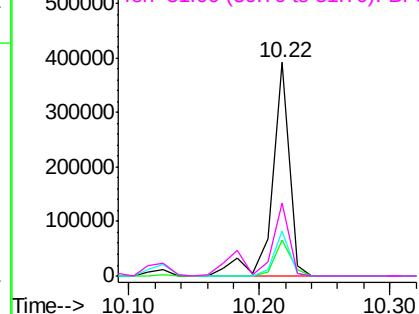


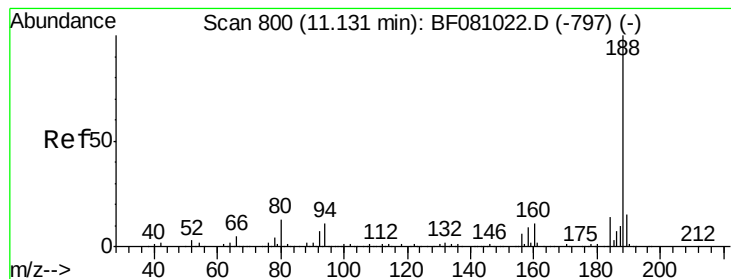
#62
Azobenzene
Concen: 44.32 ng
RT: 10.22 min Scan# 742
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Tgt Ion: 77 Resp: 365148
Ion Ratio Lower Upper
77 100
182 17.0 0.0 39.0
105 21.1 0.2 40.2
51 34.4 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: 10.98 min Scan# 809

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampleId :

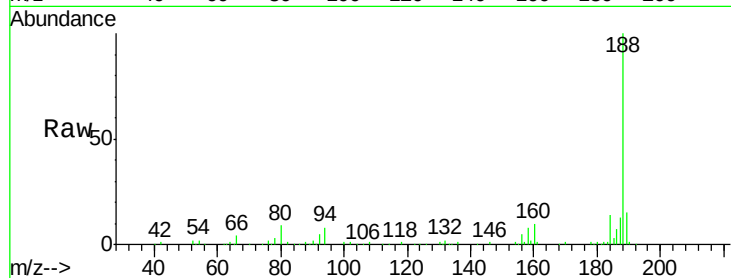
Tot Ion:188 Resp: 169326

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.2

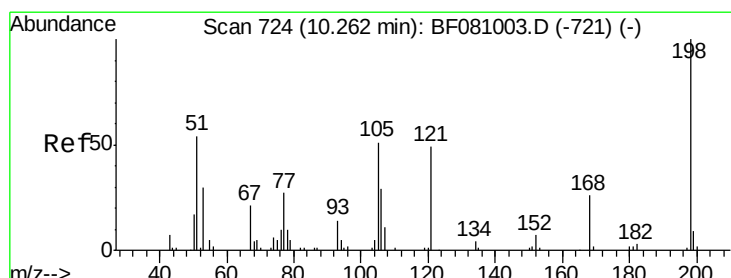
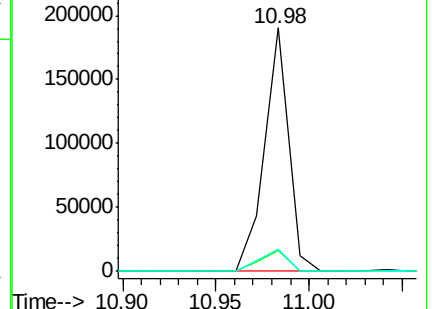
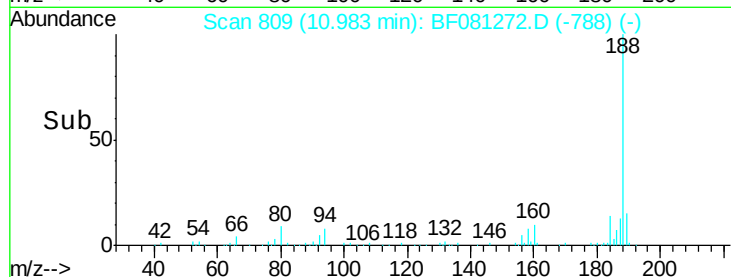
80 9.3 9.5 14.3#



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: 45.79 ng

RT: 10.13 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

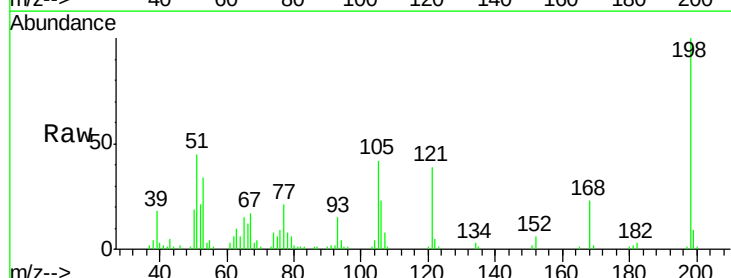
Tgt Ion:198 Resp: 46302

Ion Ratio Lower Upper

198 100

51 45.1 79.7 119.7#

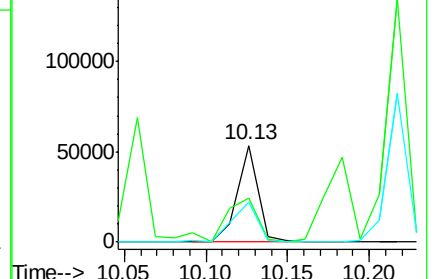
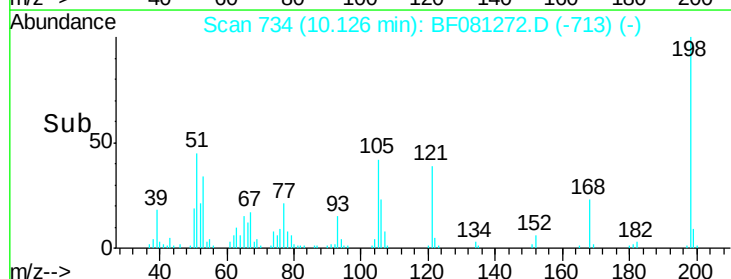
105 41.6 47.0 87.0#

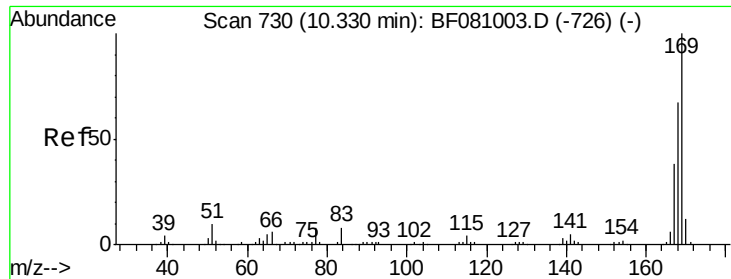


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

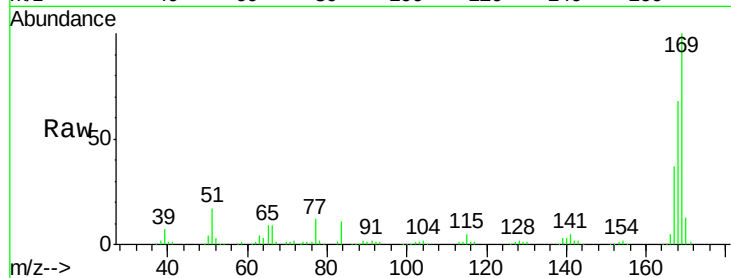




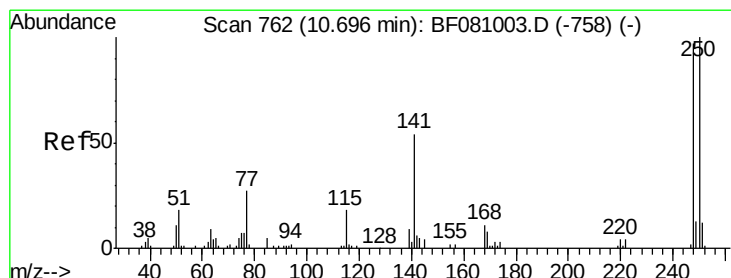
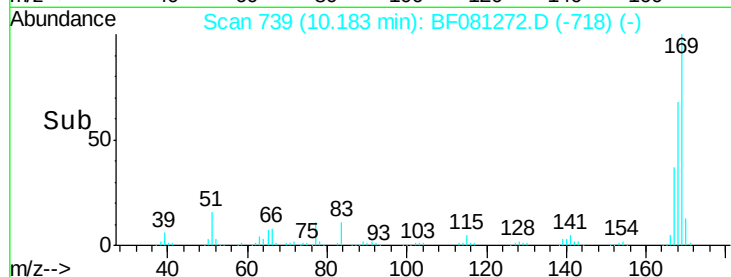
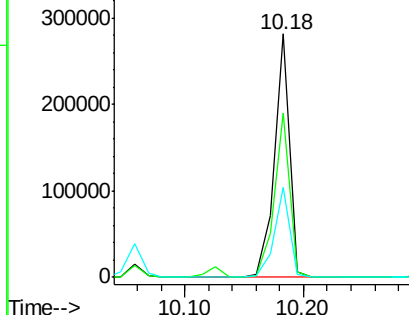
#65
 n-Nitrosodiphenylamine
 Concen: 41.45 ng
 RT: 10.18 min Scan# 739
 Delta R.T. -0.06 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 250530
 Ion Ratio Lower Upper
 169 100
 168 67.5 55.3 82.9
 167 37.2 30.8 46.2

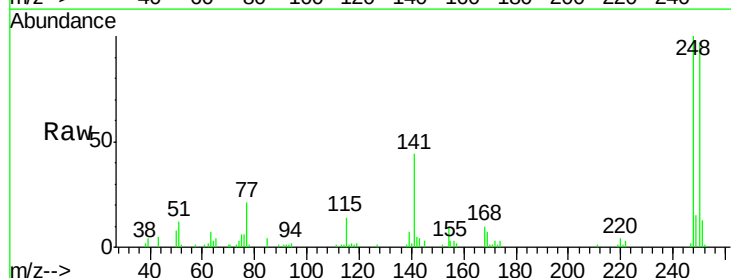


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

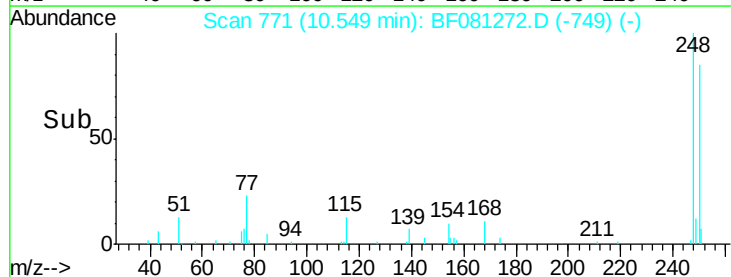
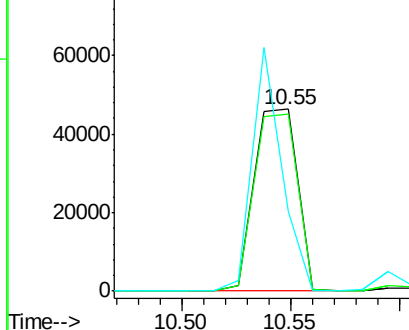


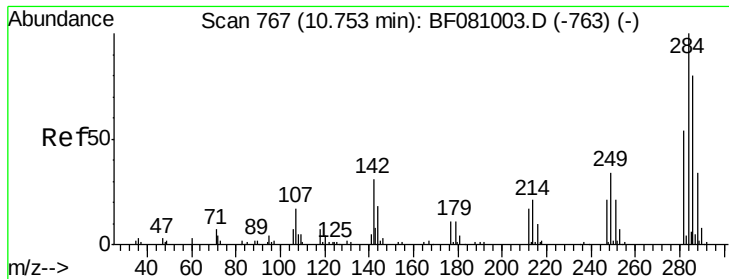
#66
 4-Bromophenyl-phenylether
 Concen: 38.78 ng
 RT: 10.55 min Scan# 771
 Delta R.T. -0.05 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Tgt Ion:248 Resp: 64509
 Ion Ratio Lower Upper
 248 100
 250 97.4 77.8 116.6
 141 44.0 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

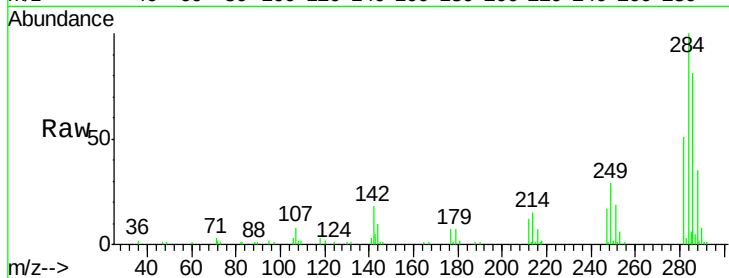




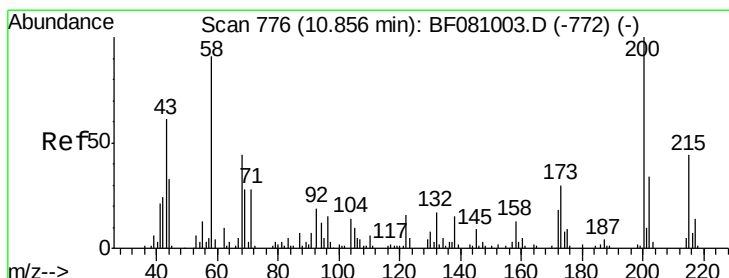
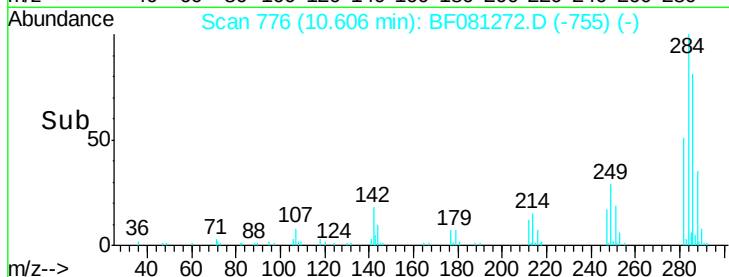
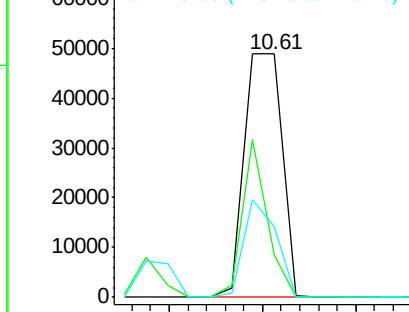
#67
Hexachlorobenzene
Concen: 40.64 ng
RT: 10.61 min Scan# 776
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 68462
Ion Ratio Lower Upper
284 100
142 17.6 25.4 38.0#
249 29.3 28.5 42.7

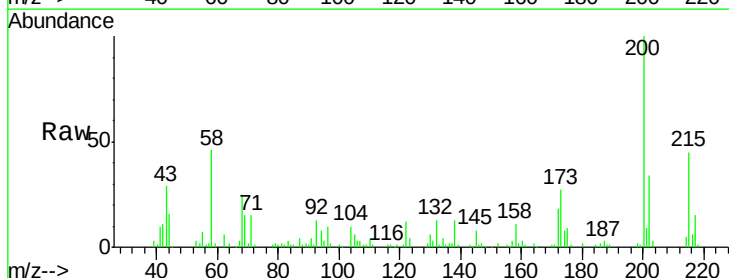


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

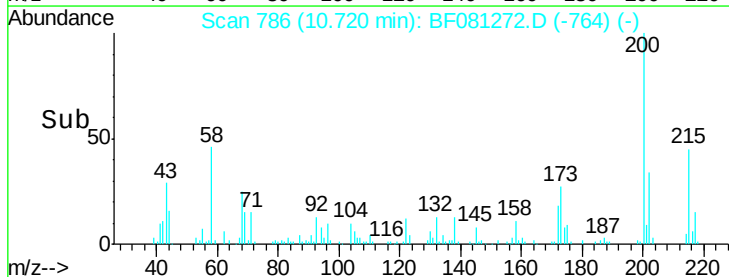
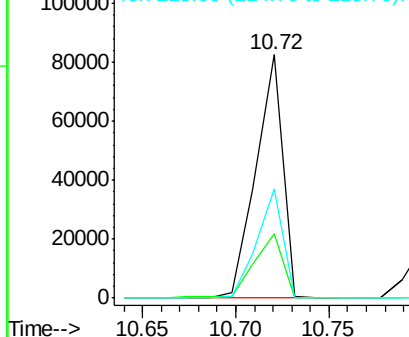


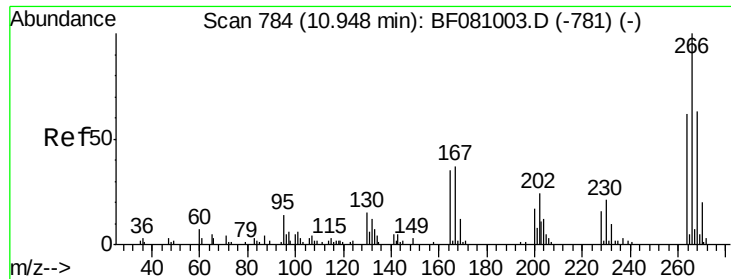
#68
Atrazine
Concen: 49.55 ng
RT: 10.72 min Scan# 786
Delta R.T. -0.05 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Tgt Ion:200 Resp: 83447
Ion Ratio Lower Upper
200 100
173 26.7 8.1 48.1
215 45.0 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

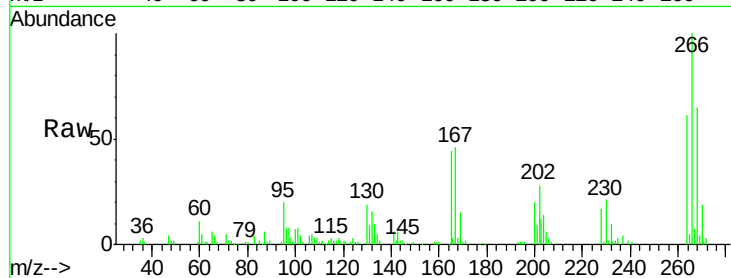




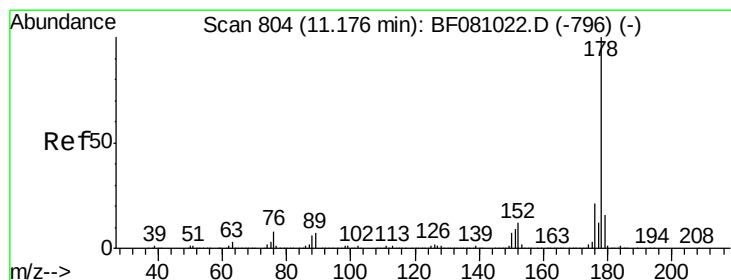
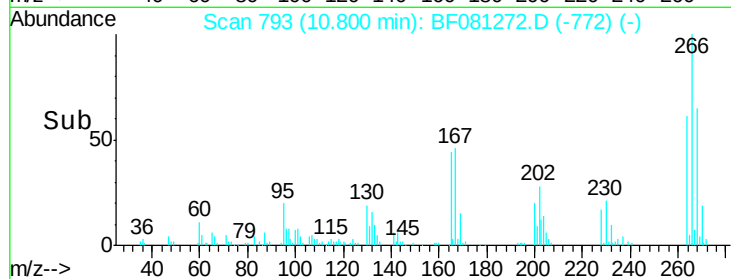
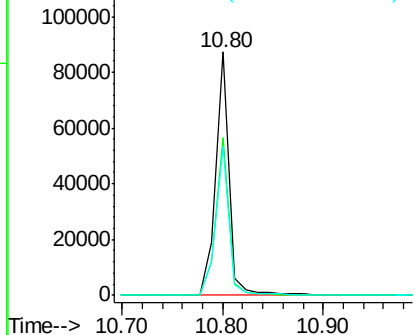
#69
 Pentachlorophenol
 Concen: 80.45 ng
 RT: 10.80 min Scan# 793
 Delta R.T. -0.06 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 81320
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.2 76.8
 264 61.4 50.6 75.8

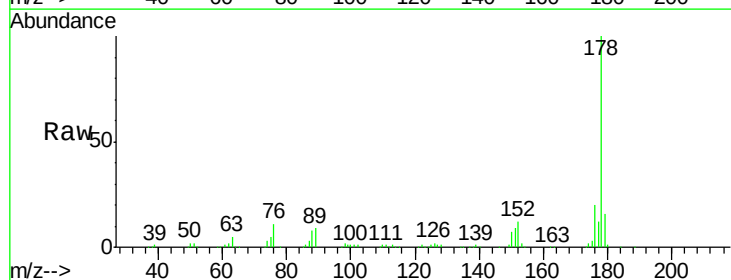


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

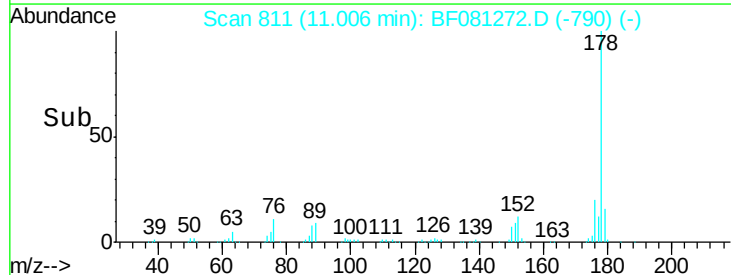
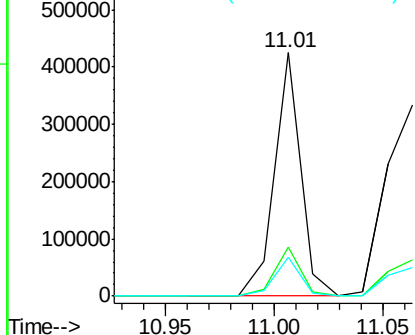


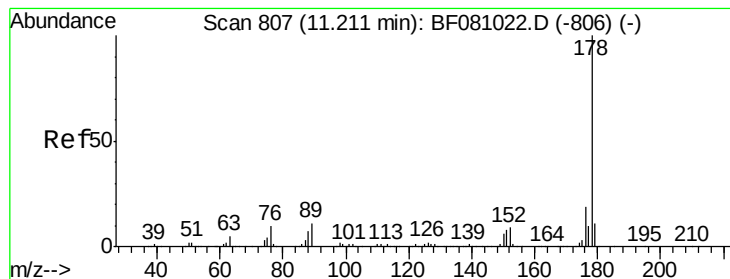
#70
 Phenanthrene
 Concen: 36.11 ng
 RT: 11.01 min Scan# 811
 Delta R.T. -0.06 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Tgt Ion:178 Resp: 362385
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.7 23.5
 179 16.0 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: 40.58 ng

RT: 11.06 min Scan# 816

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampled :

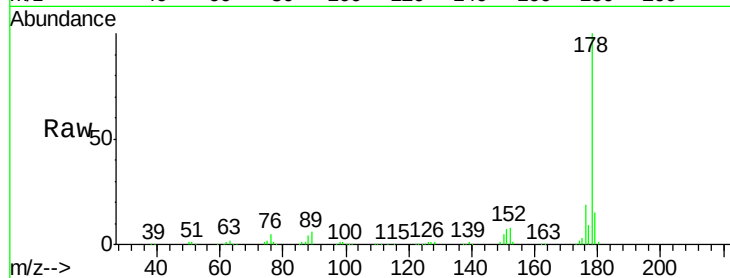
Tot Ion:178 Resp: 396285

Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

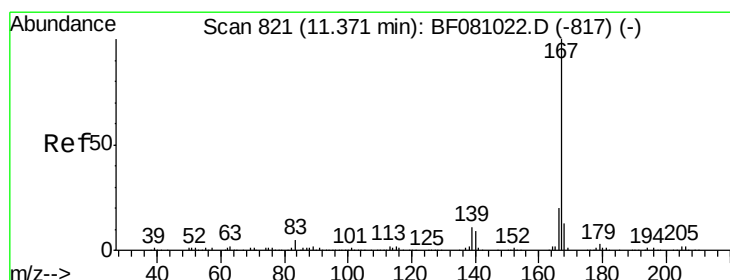
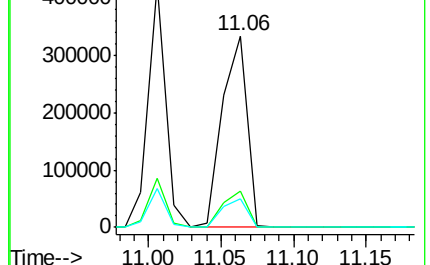
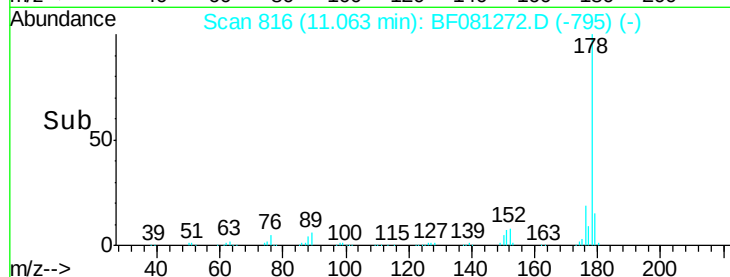
179 15.0 12.7 19.1



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



#72

Carbazole

Concen: 41.66 ng

RT: 11.22 min Scan# 830

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

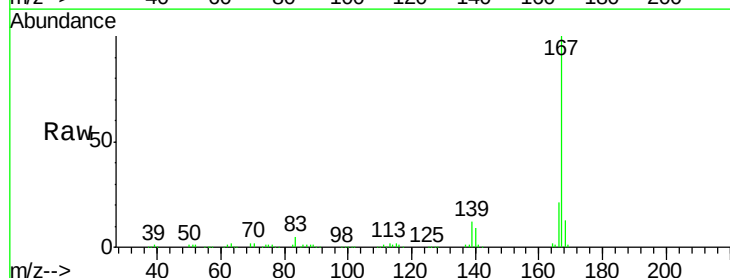
Tgt Ion:167 Resp: 391646

Ion Ratio Lower Upper

167 100

166 21.2 17.4 26.0

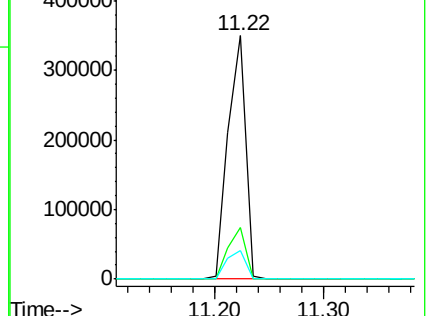
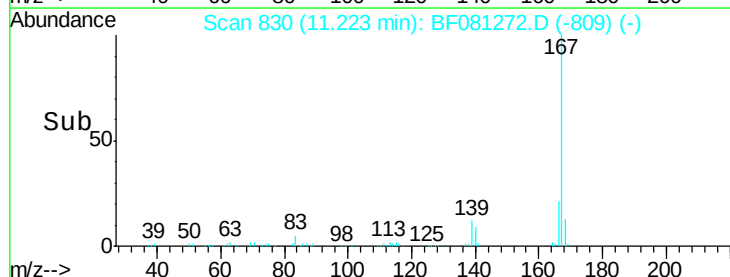
139 12.0 10.6 16.0

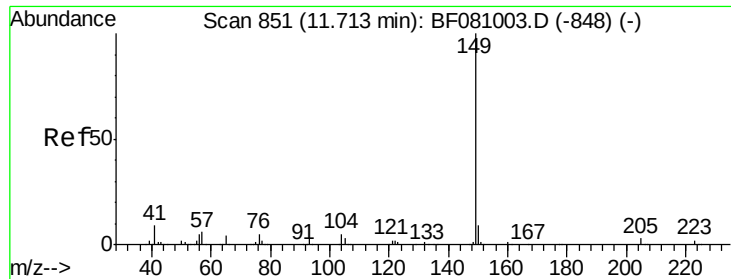


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.07 ng

RT: 11.57 min Scan# 860

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampleId :

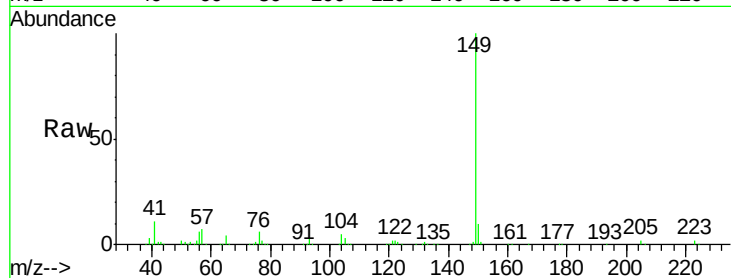
Tot Ion:149 Resp: 455807

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

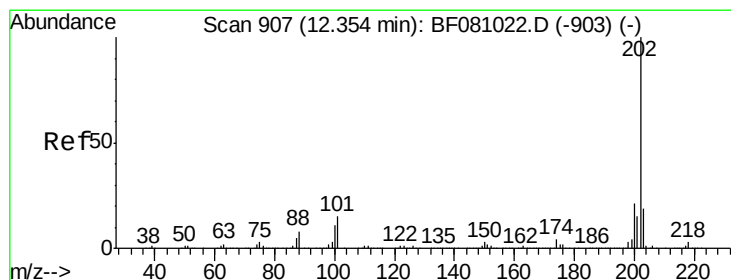
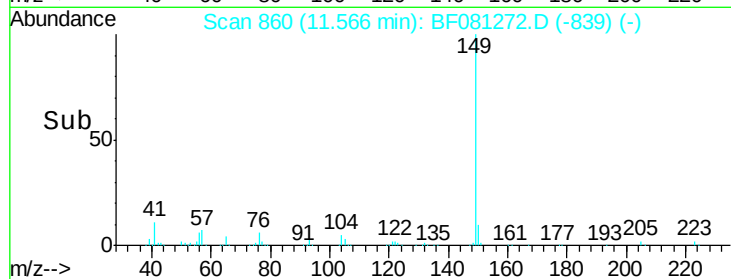
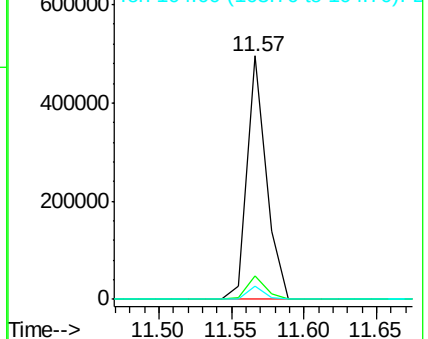
104 5.5 3.9 5.9



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: 40.91 ng

RT: 12.18 min Scan# 914

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

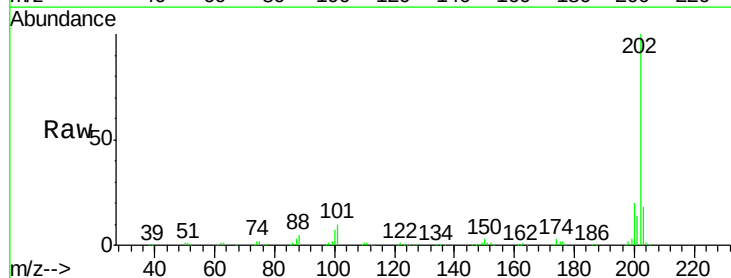
Tgt Ion:202 Resp: 443020

Ion Ratio Lower Upper

202 100

101 9.5 0.0 24.8

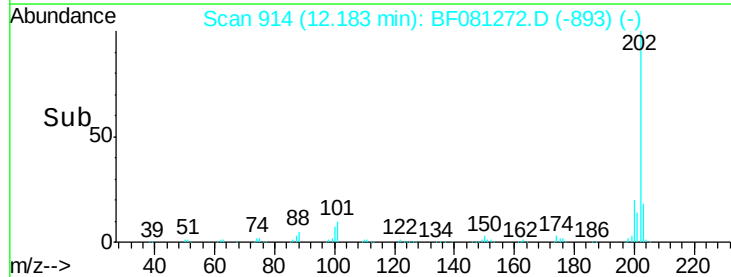
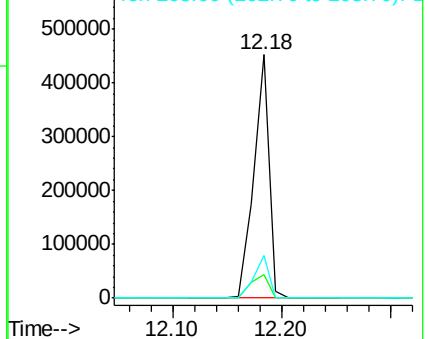
203 17.6 0.0 36.9

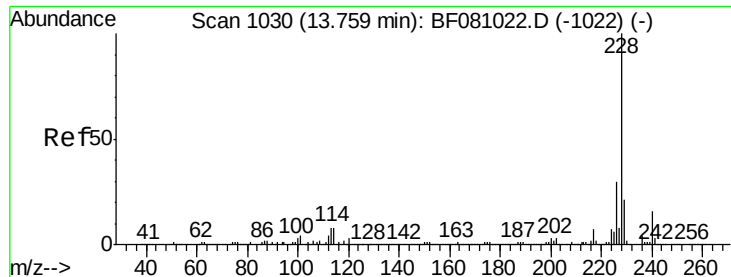


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.60 min Scan# 1038

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampleId :

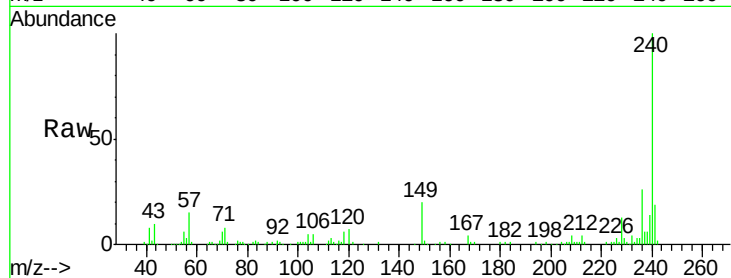
Tot Ion:240 Resp: 134216

Ion Ratio Lower Upper

240 100

120 6.8 5.6 8.4

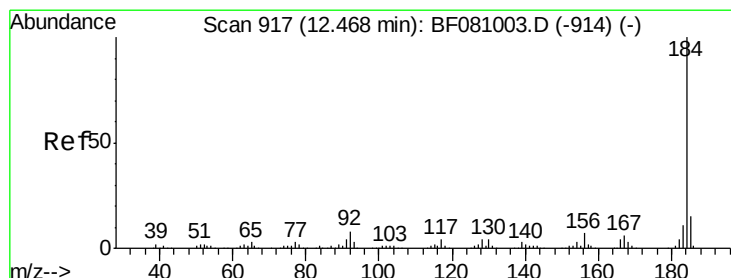
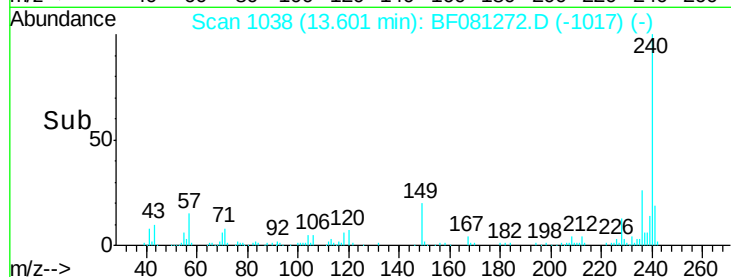
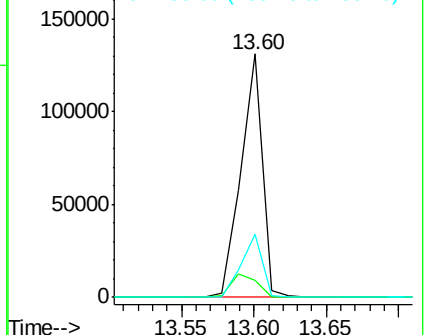
236 25.8 20.6 30.8



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: 27.43 ng

RT: 12.31 min Scan# 925

Delta R.T. -0.07 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

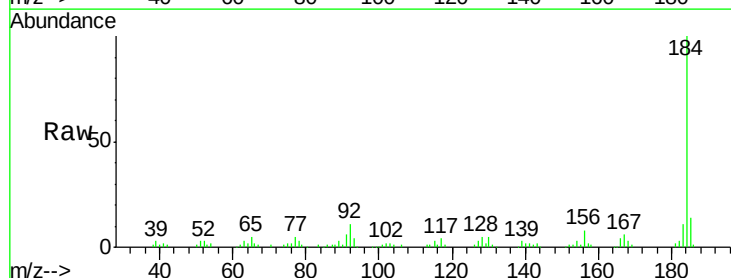
Tgt Ion:184 Resp: 139088

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

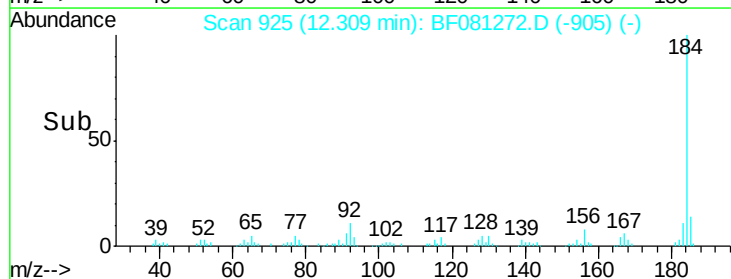
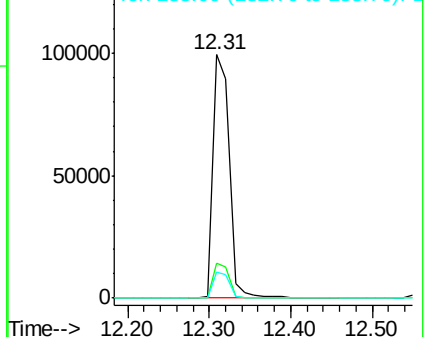
183 10.7 8.9 13.3

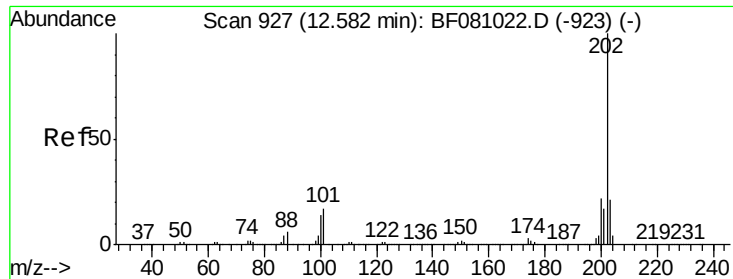


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

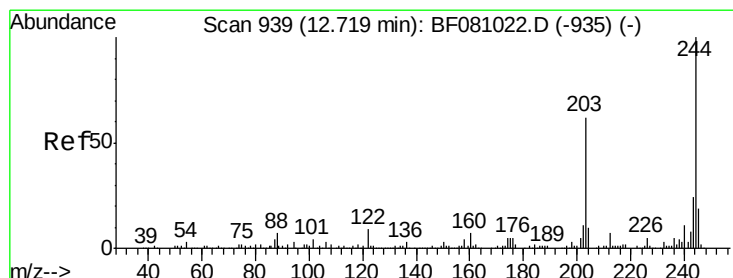
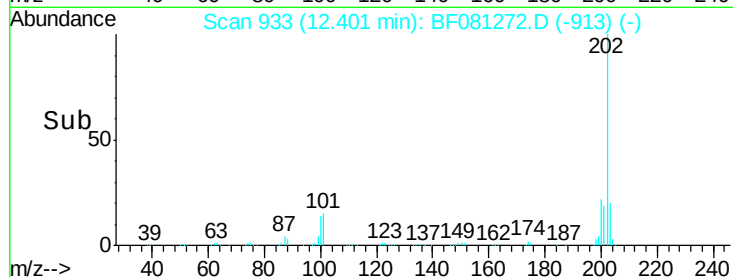
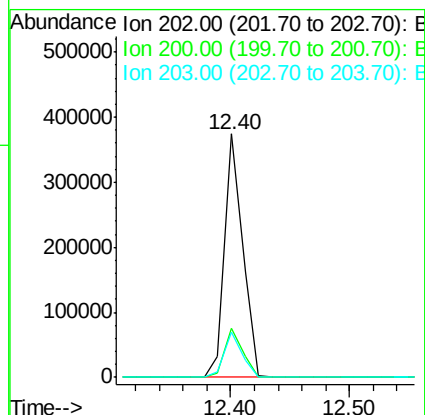
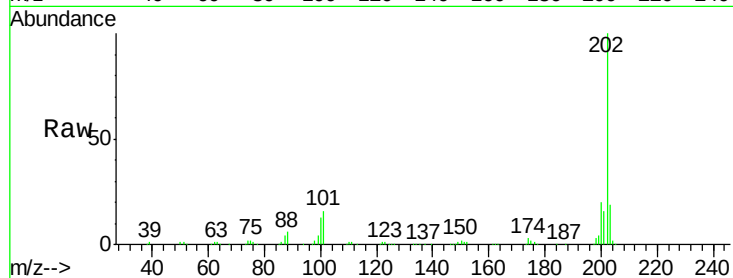




#77
Pvrene
Concen: 36.02 ng
RT: 12.40 min Scan# 933
Delta R.T. -0.07 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

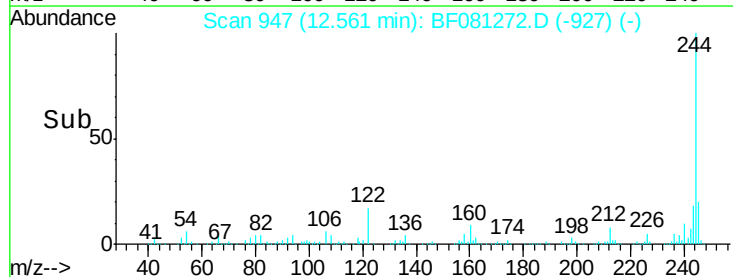
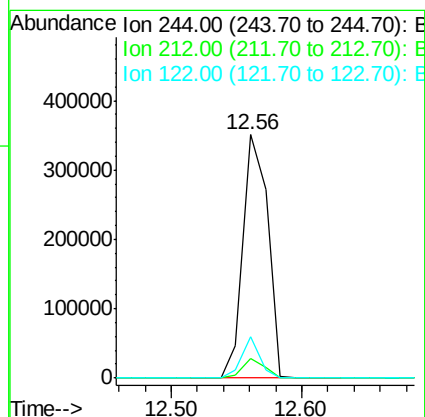
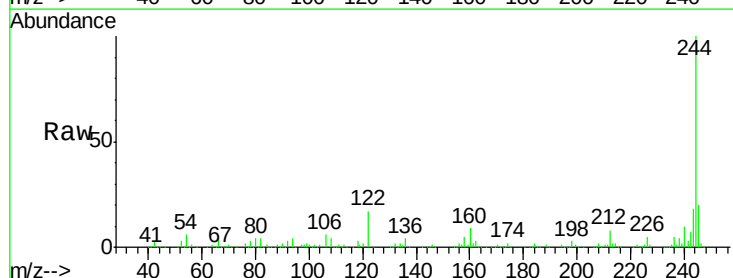
Instrument :
BNA_F
ClientSampled :

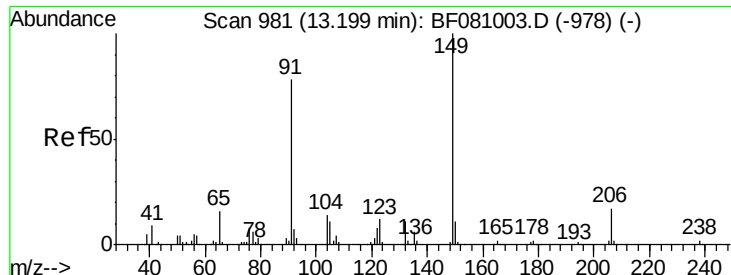
Tot Ion:202 Resp: 393049
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 18.7 14.1 21.1



#78
Terphenyl-d14
Concen: 73.54 ng
RT: 12.56 min Scan# 947
Delta R.T. -0.07 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Tgt Ion:244 Resp: 460415
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.8
122 17.2 8.2 12.4#

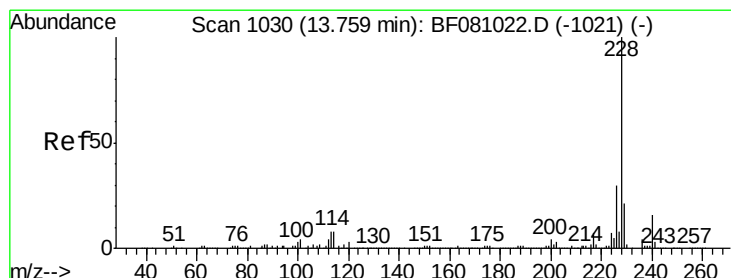
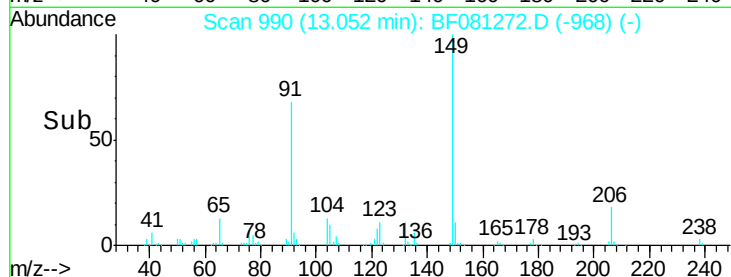
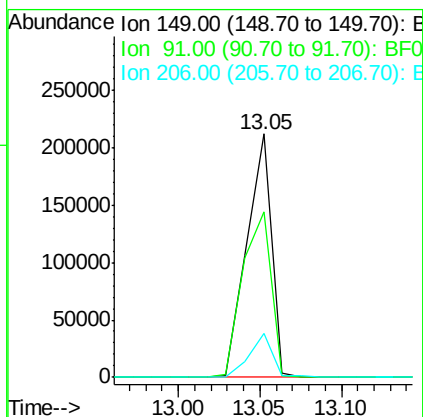
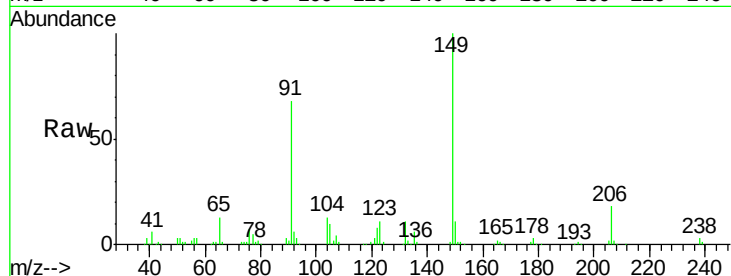




#79
Butylbenzylphthalate
Concen: 47.37 ng
RT: 13.05 min Scan# 990
Delta R.T. -0.05 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

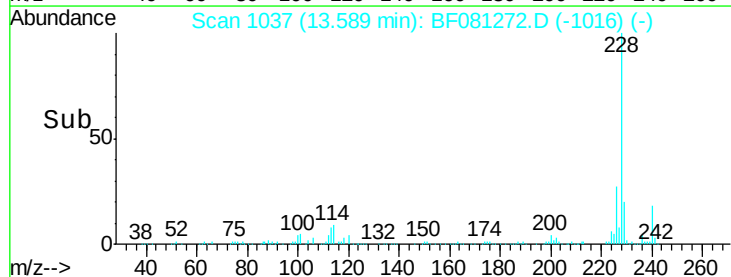
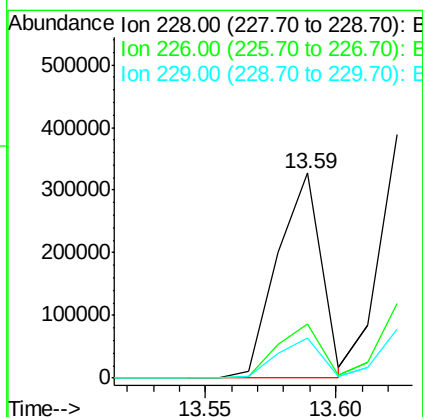
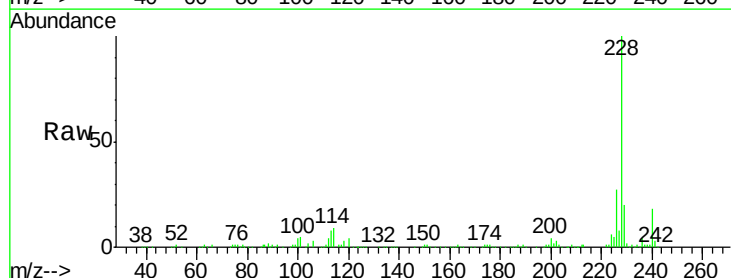
Instrument :
BNA_F
ClientSampleId :

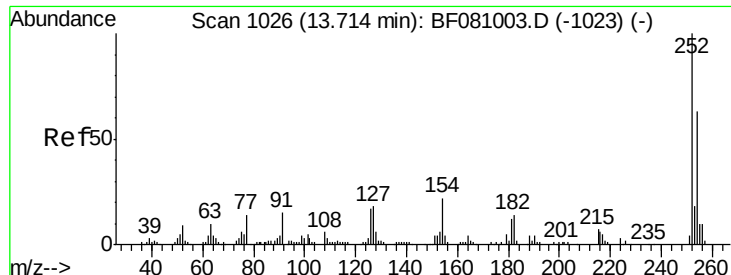
Tot Ion:149 Resp: 222150
Ion Ratio Lower Upper
149 100
91 68.1 46.9 70.3
206 18.2 17.0 25.4



#80
Benzo(a)anthracene
Concen: 42.45 ng
RT: 13.59 min Scan# 1037
Delta R.T. -0.06 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Tgt Ion:228 Resp: 382050
Ion Ratio Lower Upper
228 100
226 26.8 22.3 33.5
229 19.7 15.9 23.9

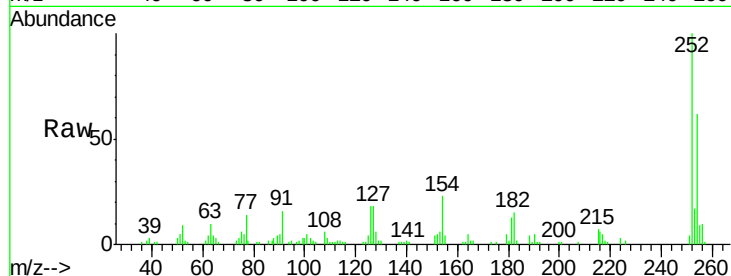




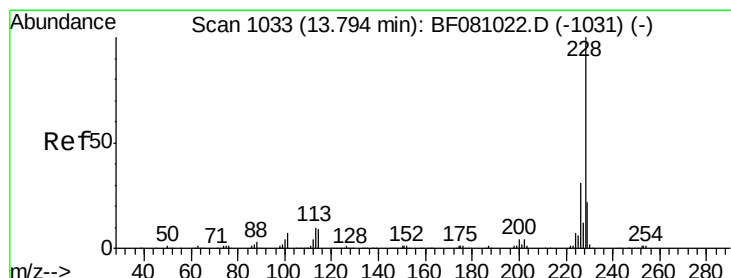
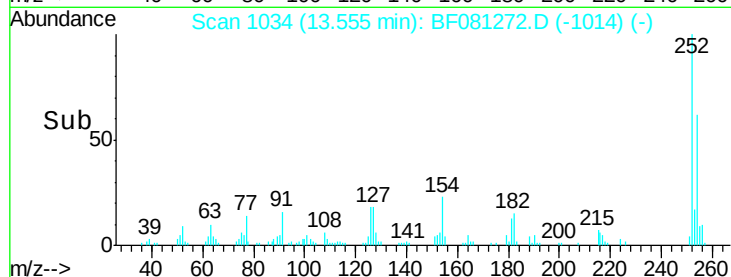
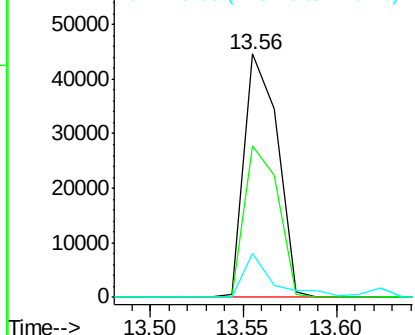
#81
 3,3'-Dichlorobenzidine
 Concen: 19.03 ng
 RT: 13.56 min Scan# 1034
 Delta R.T. -0.07 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.5	77.3
126	18.1	12.5	18.7

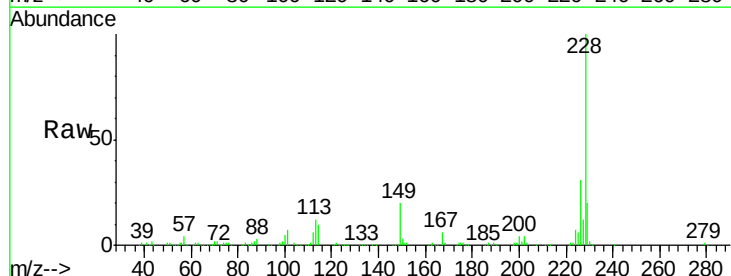


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

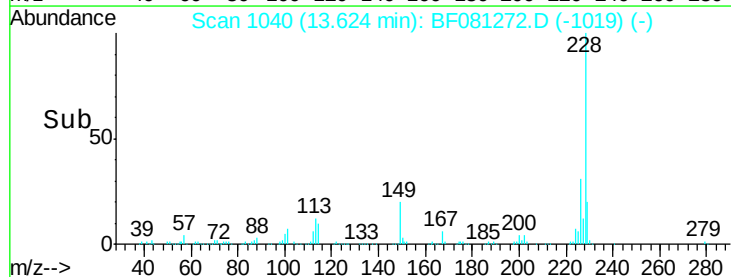
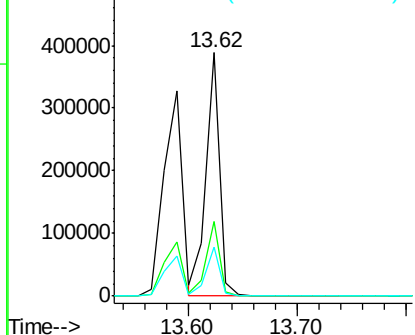


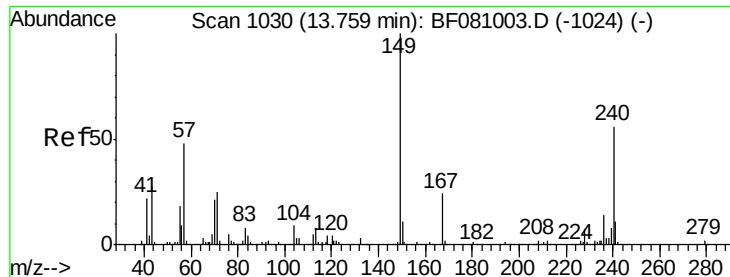
#82
 Chrysene
 Concen: 42.27 ng
 RT: 13.62 min Scan# 1040
 Delta R.T. -0.06 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	20.0	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: 45.92 ng

RT: 13.61 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampleId :

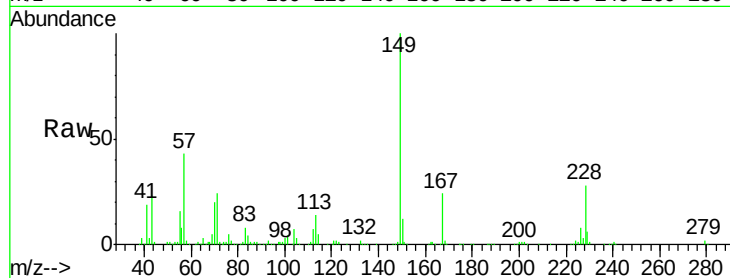
Tot Ion:149 Resp: 275869

Ion Ratio Lower Upper

149 100

167 24.4 20.7 31.1

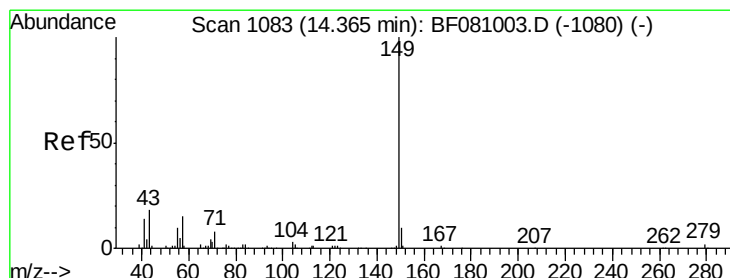
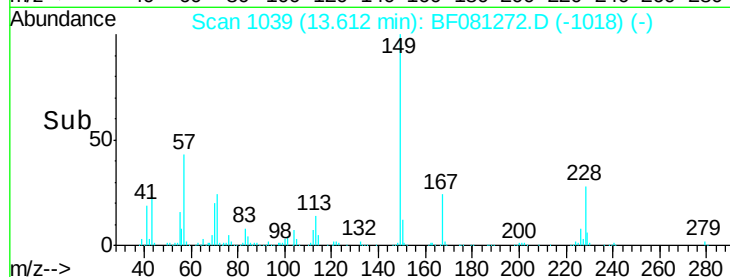
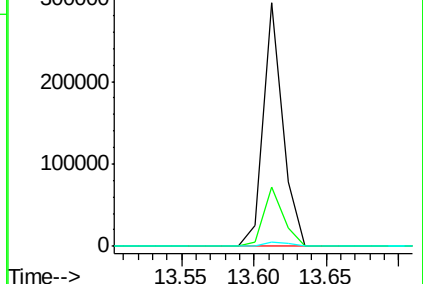
279 1.7 2.2 3.4#



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: 53.34 ng

RT: 14.22 min Scan# 1092

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

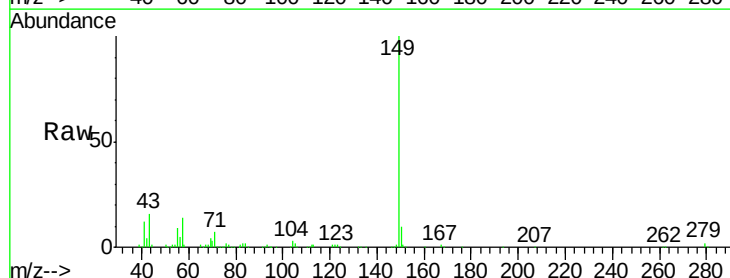
Tgt Ion:149 Resp: 487039

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

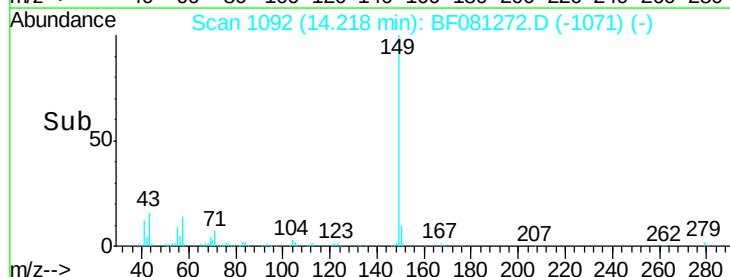
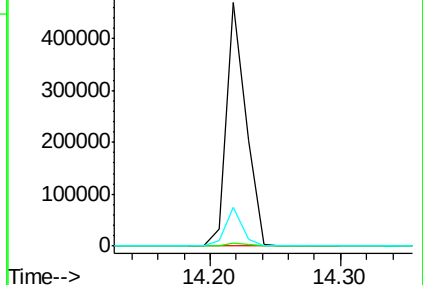
43 14.1 11.6 17.4

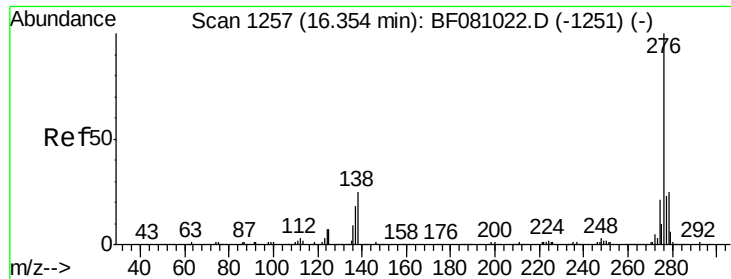


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

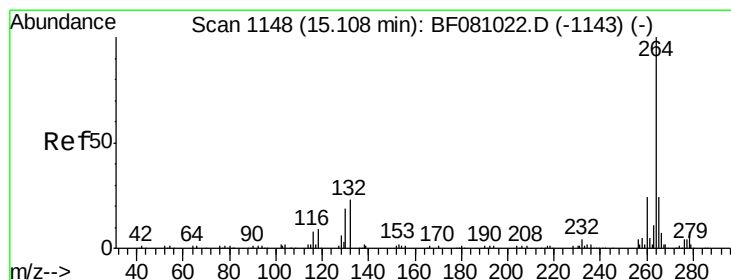
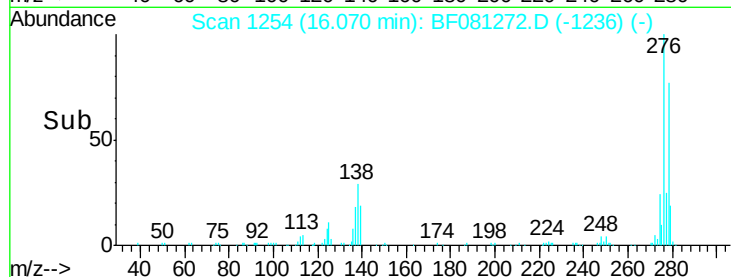
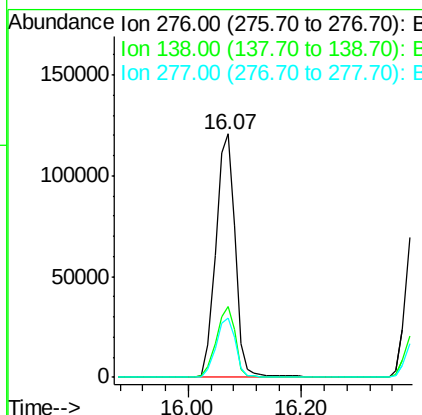
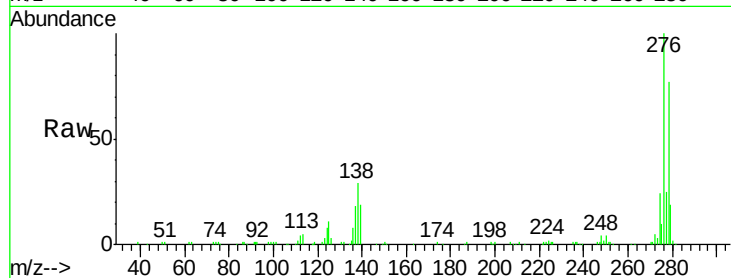




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.98 ng
 RT: 16.07 min Scan# 1254
 Delta R.T. -0.09 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

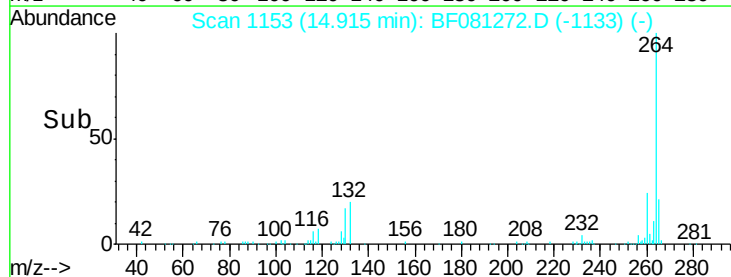
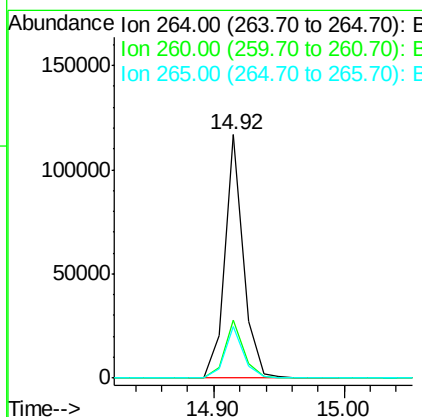
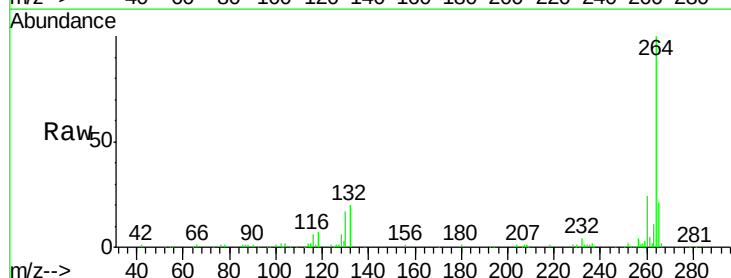
Instrument :
 BNA_F
 ClientSampleId :

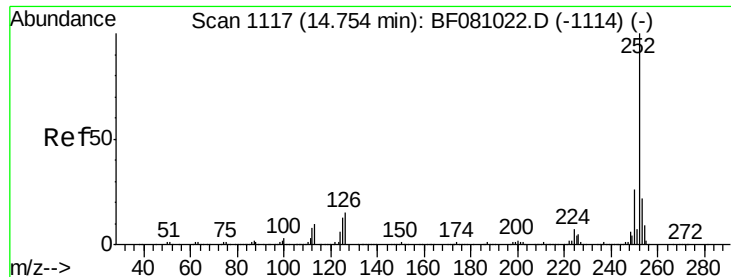
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	18.6	28.0#
277	24.5	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 81.45 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.04 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

Instrument :

BNA_F

ClientSampleId :

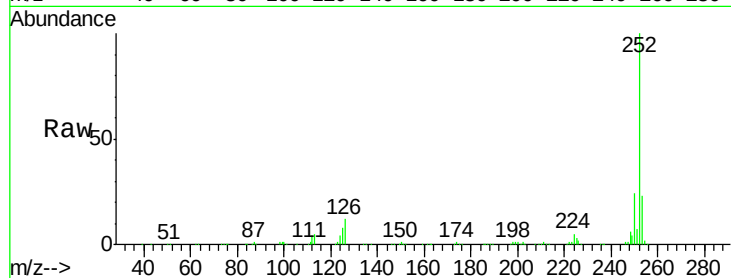
Tot Ion:252 Resp: 665954

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

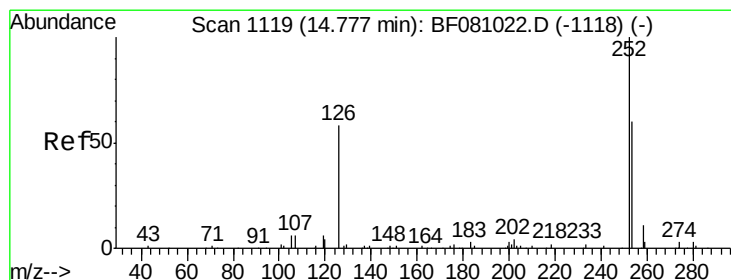
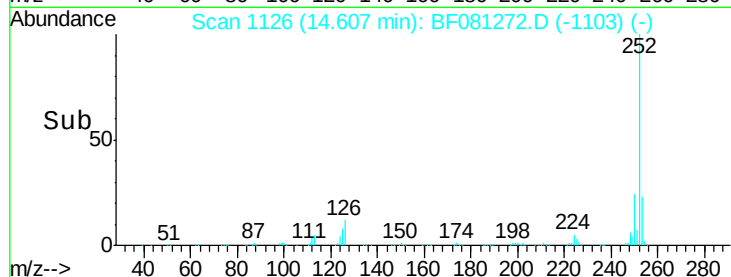
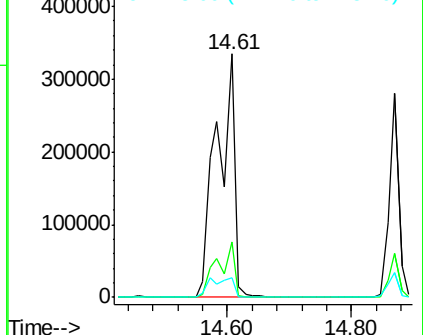
125 8.3 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 87.41 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.06 min

Lab File: BF081272.D

Acq: 29 Aug 2015 15:48

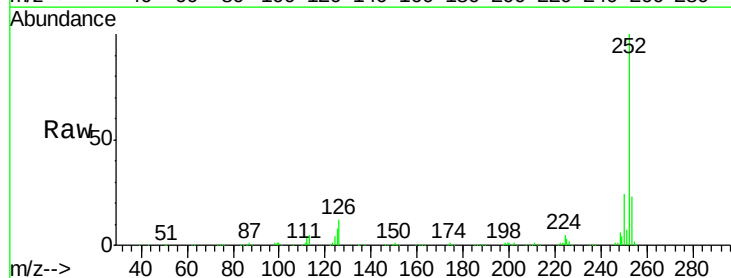
Tgt Ion:252 Resp: 665954

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

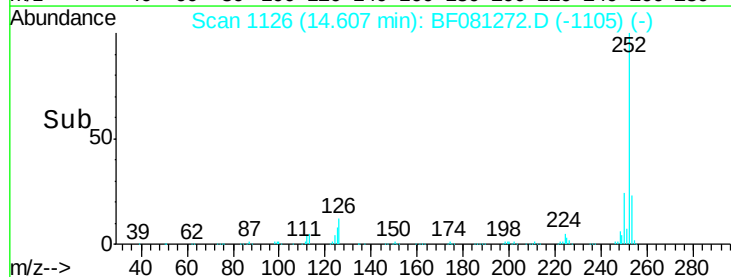
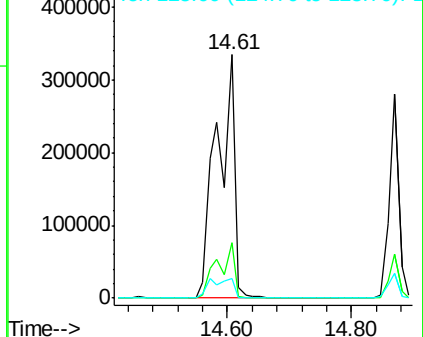
125 8.3 10.3 15.5#

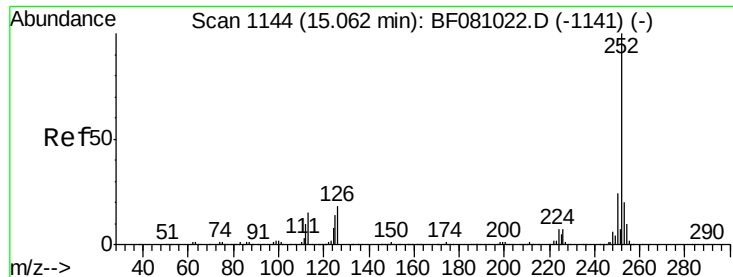


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

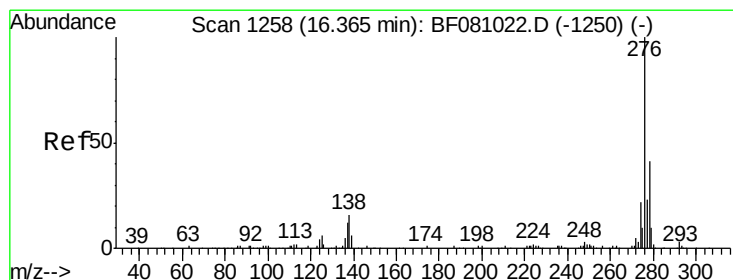
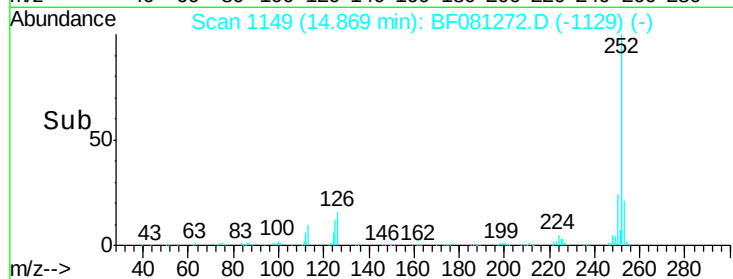
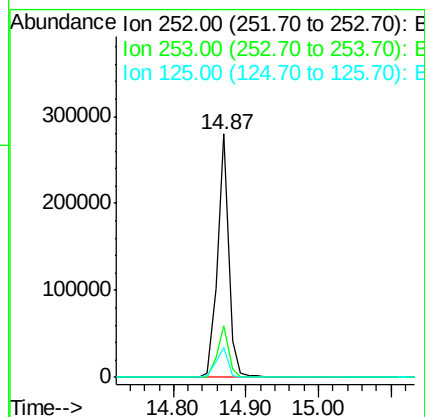
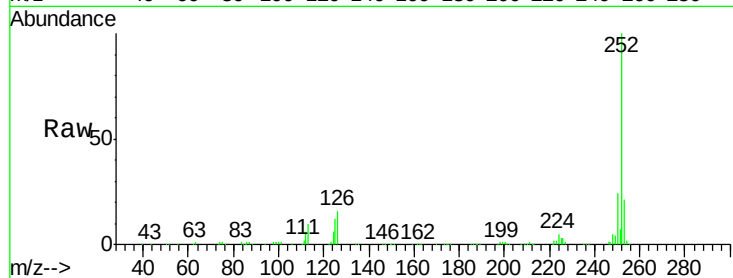




#89
Benzo(a)pyrene
Concen: 42.65 ng
RT: 14.87 min Scan# 1149
Delta R.T. -0.07 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

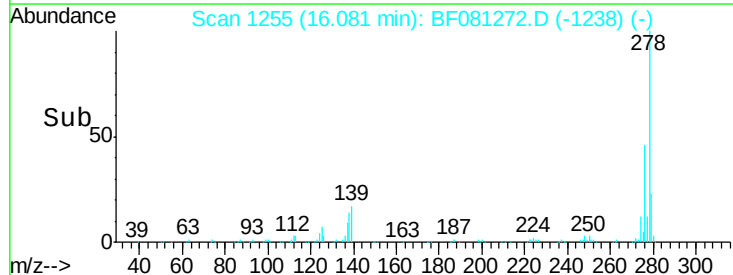
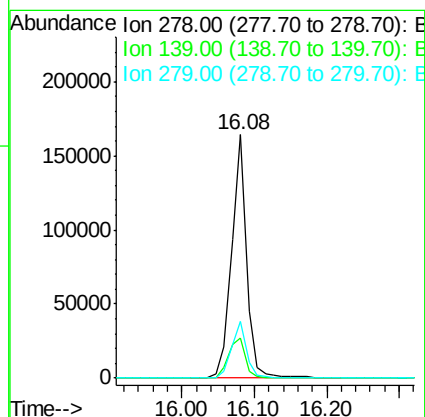
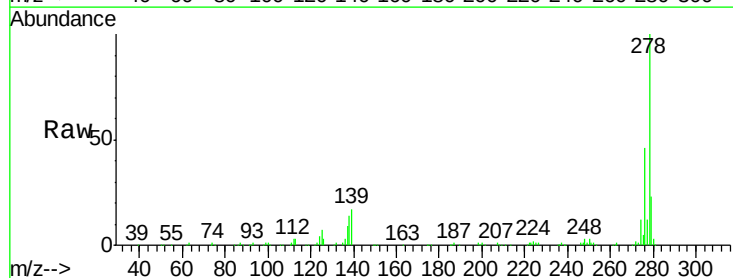
Instrument :
BNA_F
ClientSampleId :

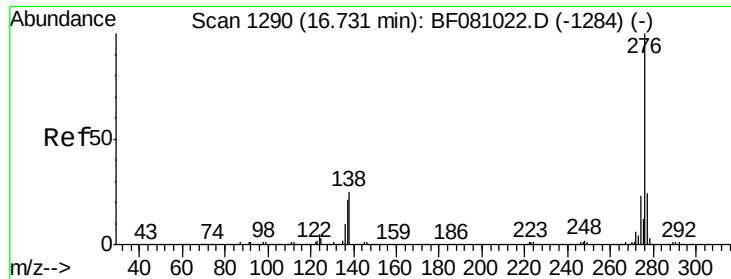
Tot Ion:252 Resp: 303882
Ion Ratio Lower Upper
252 100
253 21.3 16.6 25.0
125 12.3 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 42.70 ng
RT: 16.08 min Scan# 1255
Delta R.T. -0.10 min
Lab File: BF081272.D
Acq: 29 Aug 2015 15:48

Tgt Ion:278 Resp: 237019
Ion Ratio Lower Upper
278 100
139 16.7 10.8 16.2#
279 23.4 19.0 28.6





#91
 Benzo(a,h,i)perylene
 Concen: 40.65 ng
 RT: 16.40 min Scan# 1283
 Delta R.T. -0.12 min
 Lab File: BF081272.D
 Acq: 29 Aug 2015 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.2	27.2
138	27.0	13.7	20.5

