

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
 Data File : BF081199.D
 Acq On : 25 Aug 2015 13:21
 Operator : UM/IZ
 Sample : PB85134BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85134BS

Quant Time: Aug 26 00:22:28 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	6.53	152	71365	20.00	ng	-0.01
21) Naphthalene-d8	7.82	136	276025	20.00	ng	-0.01
38) Acenaphthene-d10	9.57	164	126347	20.00	ng	-0.01
63) Phenanthrene-d10	11.03	188	236894	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	200287	20.00	ng	-0.01
86) Perylene-d12	14.97	264	161057	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	539368	113.68	ng	0.01
7) Phenol-d6	6.18	99	667918	107.89	ng	-0.01
23) Nitrobenzene-d5	7.10	82	432296	71.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.36	330	125823	114.88	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	758554	78.67	ng	0.00
78) Terphenyl-d14	12.62	244	684610	73.28	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	72236	32.31	ng	92
3) Pyridine	2.62	79	204421	32.39	ng	82
4) n-Nitrosodimethylamine	2.57	42	126727	36.07	ng	# 77
6) Aniline	6.18	93	230047	25.56	ng	# 63
8) 2-Chlorophenol	6.31	128	187708	36.14	ng	97
9) Benzaldehyde	6.07	77	103181	25.85	ng	88
10) Phenol	6.20	94	232866	31.85	ng	97
11) bis(2-Chloroethyl)ether	6.28	93	195103	34.78	ng	91
12) 1,3-Dichlorobenzene	6.47	146	204660	36.68	ng	96
13) 1,4-Dichlorobenzene	6.55	146	200731	36.33	ng	98
14) 1,2-Dichlorobenzene	6.70	146	194972	37.70	ng	97
15) Benzyl Alcohol	6.69	79	185901	37.12	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.82	45	384817	34.91	ng	99
17) 2-Methylphenol	6.81	107	174500	39.16	ng	95
18) Hexachloroethane	7.04	117	82488	36.95	ng	93
19) n-Nitroso-di-n-propylamine	6.96	70	153788	35.86	ng	92
20) 3+4-Methylphenols	6.96	107	212356	37.55	ng	# 60
22) Acetophenone	6.95	105	286427	39.53	ng	# 87
24) Nitrobenzene	7.12	77	257872	40.82	ng	99
25) Isophorone	7.36	82	424067	37.63	ng	98
26) 2-Nitrophenol	7.44	139	106951	40.71	ng	# 66
27) 2,4-Dimethylphenol	7.49	122	182653	39.30	ng	95
28) bis(2-Chloroethoxy)methane	7.59	93	270703	40.67	ng	98
29) 2,4-Dichlorophenol	7.68	162	152970	39.09	ng	89
30) 1,2,4-Trichlorobenzene	7.76	180	167459	38.50	ng	98
31) Naphthalene	7.84	128	581638	37.80	ng	99
32) Benzoic acid	7.64	122	117849	45.08	ng	93
33) 4-Chloroaniline	7.90	127	131800	20.30	ng	# 85
34) Hexachlorobutadiene	7.96	225	93715	38.10	ng	97
35) Caprolactam	8.28	113	57738m	42.22	ng	
36) 4-Chloro-3-methylphenol	8.39	107	176539	37.85	ng	97
37) 2-Methylnaphthalene	8.53	142	355686	36.60	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	157778	38.70	ng	# 97
40) Hexachlorocyclopentadiene	8.69	237	167503	79.39	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	106855	37.10	ng	99
43) 2,4,5-Trichlorophenol	8.86	196	111873	38.87	ng	98
45) 1,1'-Biphenyl	9.00	154	459853	41.32	ng	97
46) 2-Chloronaphthalene	9.02	162	332452	37.18	ng	98
47) 2-Nitroaniline	9.12	65	149787	40.94	ng	# 74
48) Acenaphthylene	9.43	152	544418	34.04	ng	100
49) Dimethylphthalate	9.32	163	396790	38.13	ng	98
50) 2,6-Dinitrotoluene	9.36	165	75492	33.79	ng	# 59
51) Acenaphthene	9.60	154	327002	34.15	ng	99
52) 3-Nitroaniline	9.53	138	68499	24.50	ng	# 66
53) 2,4-Dinitrophenol	9.64	184	86270	71.04	ng	85
54) Dibenzofuran	9.77	168	484921	37.79	ng	99
55) 4-Nitrophenol	9.70	139	146528	74.62	ng	86
56) 2,4-Dinitrotoluene	9.76	165	103622	34.99	ng	# 48
57) Fluorene	10.10	166	328523	33.28	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.89	232	81429m	36.55	ng	
59) Diethylphthalate	10.00	149	405896	36.85	ng	98
60) 4-Chlorophenyl-phenylether	10.10	204	152184	36.44	ng	96
61) 4-Nitroaniline	10.14	138	87438	30.60	ng	91
62) Azobenzene	10.26	77	492509	38.81	ng	97
64) 4,6-Dinitro-2-methylphenol	10.17	198	64064	45.28	ng	# 63
65) n-Nitrosodiphenylamine	10.23	169	330337	39.06	ng	100
66) 4-Bromophenyl-phenylether	10.60	248	96612	41.51	ng	97
67) Hexachlorobenzene	10.65	284	103514	43.92	ng	# 90
68) Atrazine	10.77	200	111444	47.30	ng	95
69) Pentachlorophenol	10.85	266	110721	78.30	ng	99
70) Phenanthrene	11.05	178	496001	35.33	ng	100
71) Anthracene	11.11	178	574111	42.02	ng	99
72) Carbazole	11.27	167	570372	43.36	ng	100
73) Di-n-butylphthalate	11.61	149	617961	38.83	ng	98
74) Fluoranthene	12.23	202	538260	35.53	ng	93
76) Benzidine	12.37	184	318559	42.10	ng	98
77) Pyrene	12.46	202	623792	38.31	ng	99
79) Butylbenzylphthalate	13.10	149	299161	42.74	ng	# 85
80) Benzo(a)anthracene	13.64	228	506142	37.68	ng	100
81) 3,3'-Dichlorobenzidine	13.61	252	113088	25.99	ng	# 96
82) Chrysene	13.67	228	434212	35.87	ng	100
83) Bis(2-ethylhexyl)phthalate	13.66	149	375681	41.91	ng	# 97
84) Di-n-octyl phthalate	14.27	149	646013	47.41	ng	98
85) Indeno(1,2,3-cd)pyrene	16.15	276	383299	45.10	ng	# 93
87) Benzo(b)fluoranthene	14.63	252	473322m	41.55	ng	
88) Benzo(k)fluoranthene	14.65	252	352089m	33.17	ng	
89) Benzo(a)pyrene	14.93	252	409681	41.27	ng	# 96
90) Dibenzo(a,h)anthracene	16.16	278	319938	41.36	ng	# 92
91) Benzo(g,h,i)perylene	16.51	276	311249	39.66	ng	# 96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.53 min Scan# 406

Delta R.T. -0.01 min

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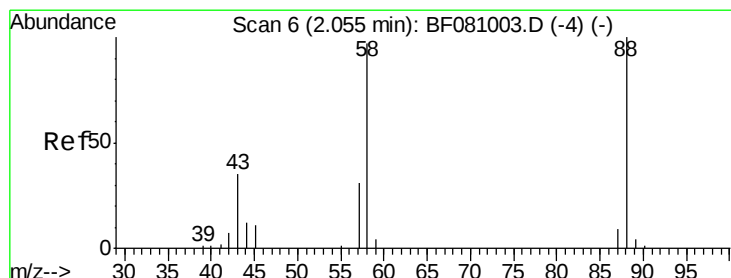
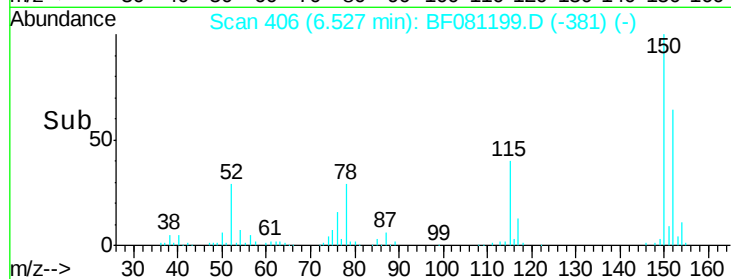
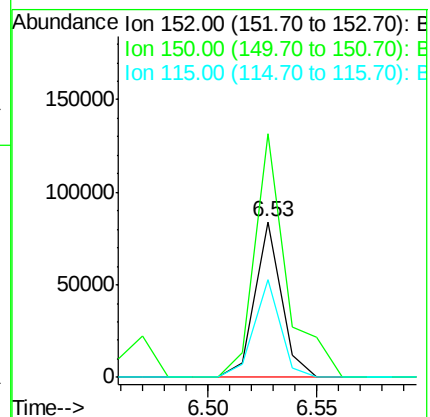
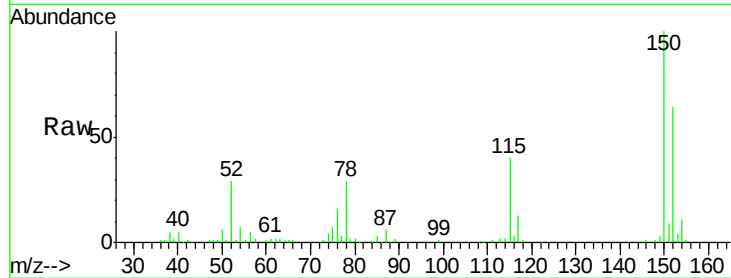
Tgt Ion:152 Resp: 71365

Ion Ratio Lower Upper

152 100

150 156.5 123.8 185.6

115 63.1 52.1 78.1



#2

1,4-Dioxane

Concen: 32.31 ng

RT: 2.02 min Scan# 12

Delta R.T. 0.09 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

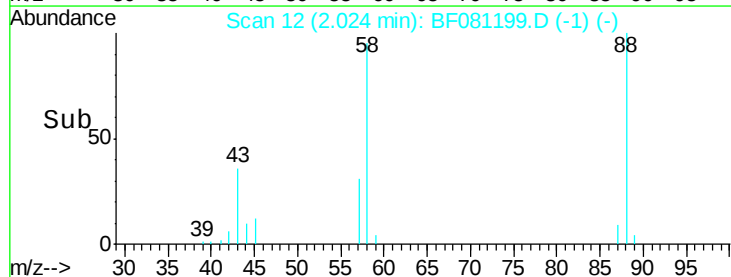
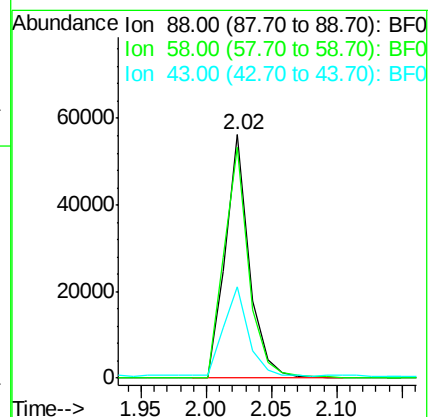
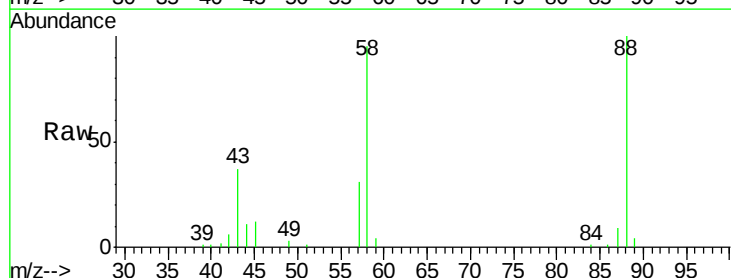
Tgt Ion: 88 Resp: 72236

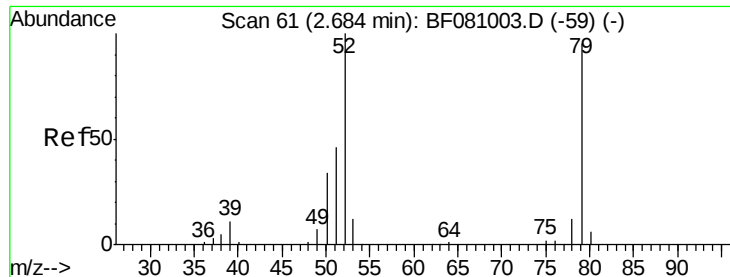
Ion Ratio Lower Upper

88 100

58 98.2 83.7 125.5

43 38.6 37.5 56.3





#3

Pyridine

Concen: 32.39 ng

RT: 2.62 min Scan# 64

Delta R.T. 0.08 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

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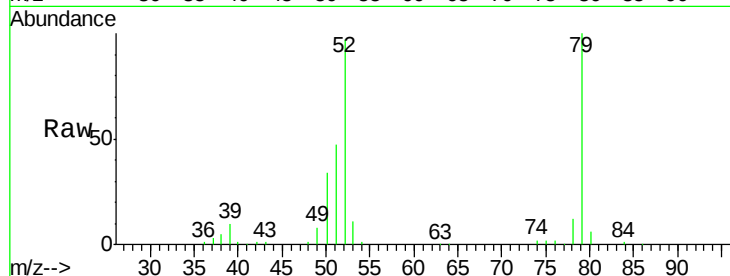
Tgt Ion: 79 Resp: 204421

Ion Ratio Lower Upper

79 100

52 97.4 95.1 142.7

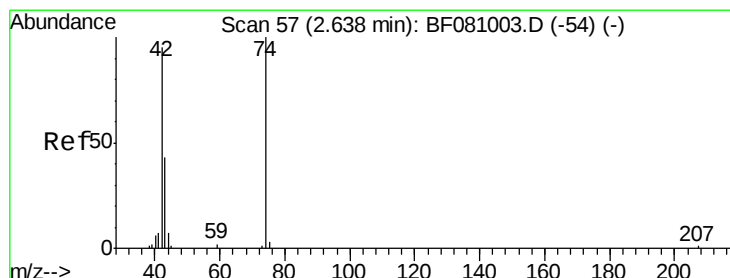
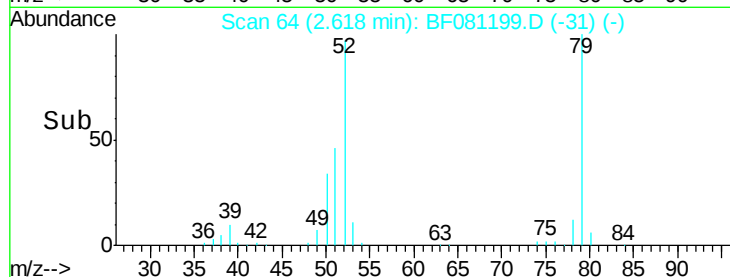
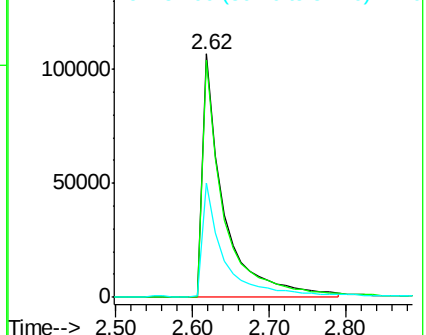
51 46.9 46.6 70.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.07 ng

RT: 2.57 min Scan# 60

Delta R.T. 0.07 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

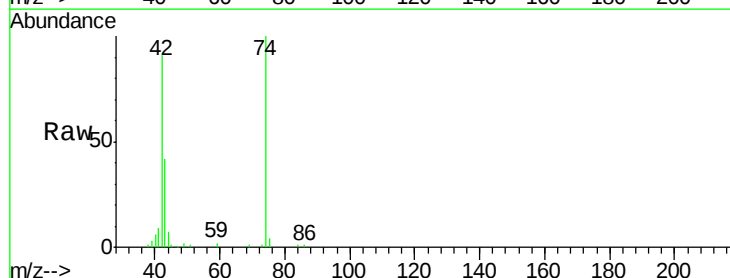
Tgt Ion: 42 Resp: 126727

Ion Ratio Lower Upper

42 100

74 109.5 69.3 103.9#

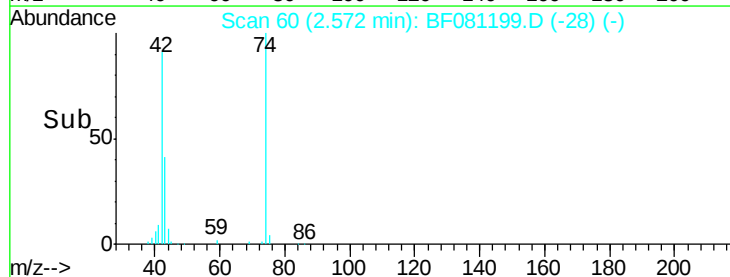
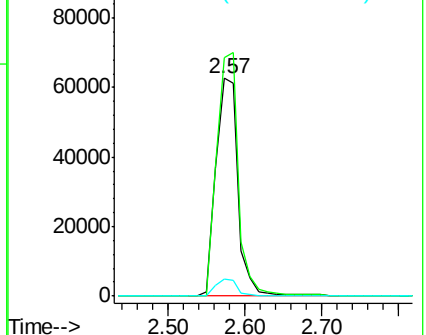
44 7.8 5.5 8.3

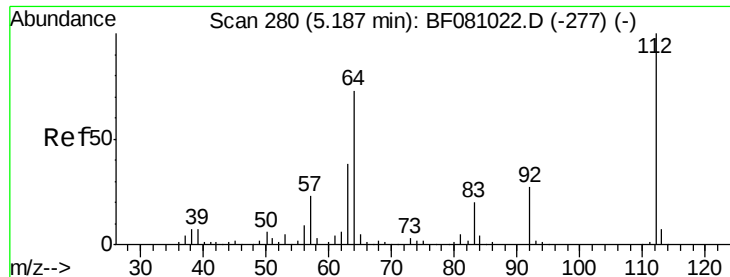


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 113.68 ng

RT: 5.11 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

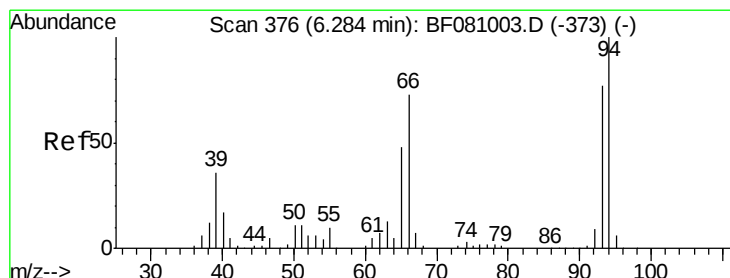
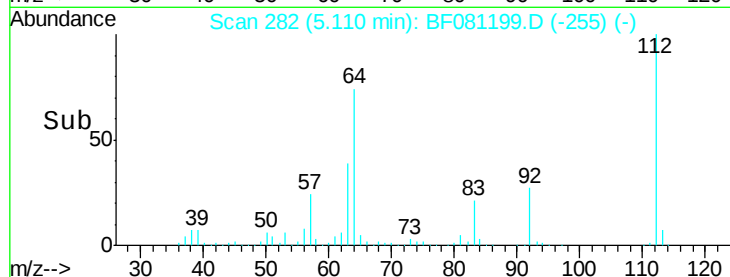
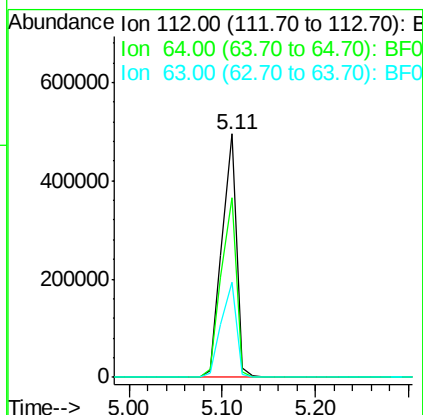
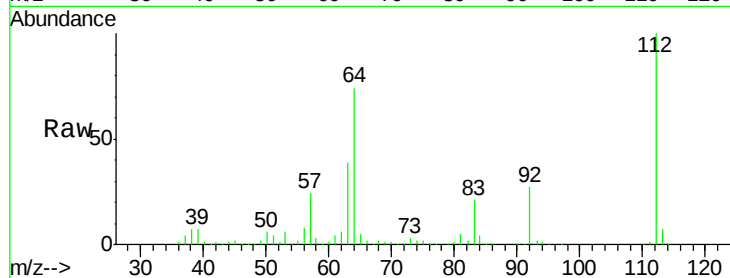
Instrument :

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Tgt Ion:	112	Resp:	539368
Ion	Ratio	Lower	Upper
112	100		
64	73.9	66.9	100.3
63	39.1	38.1	57.1



#6

Aniline

Concen: 25.56 ng

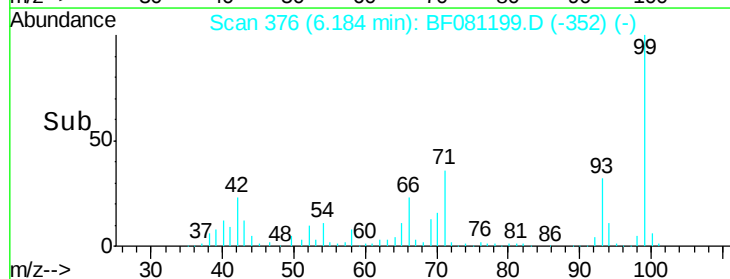
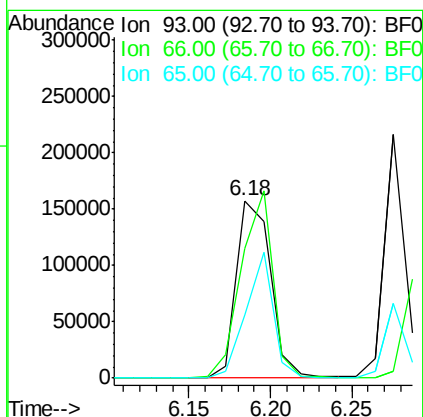
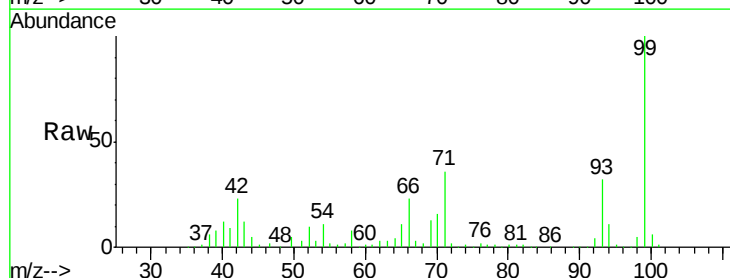
RT: 6.18 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Tgt Ion:	93	Resp:	230047
Ion	Ratio	Lower	Upper
93	100		
66	73.2	35.6	53.4#
65	35.4	18.7	28.1#





#7

Phenol-d6

Concen: 107.89 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

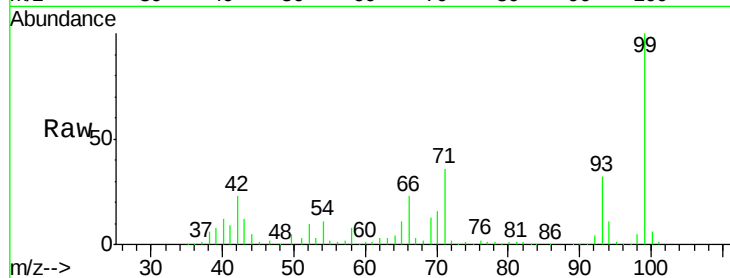
Tgt Ion: 99 Resp: 667918

Ion Ratio Lower Upper

99 100

42 23.2 19.6 29.4

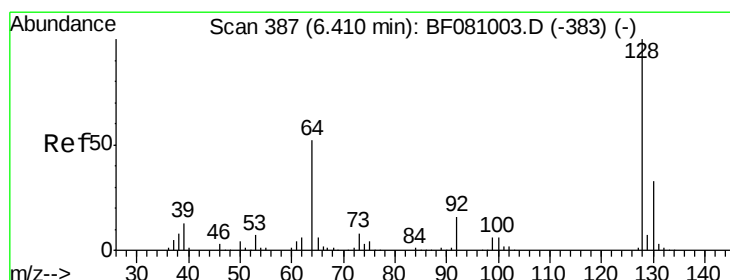
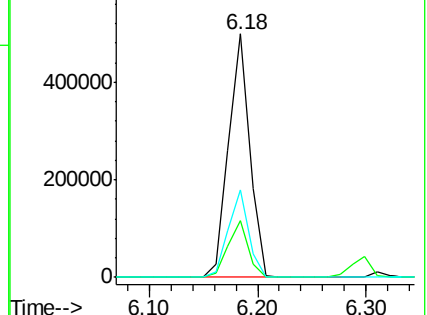
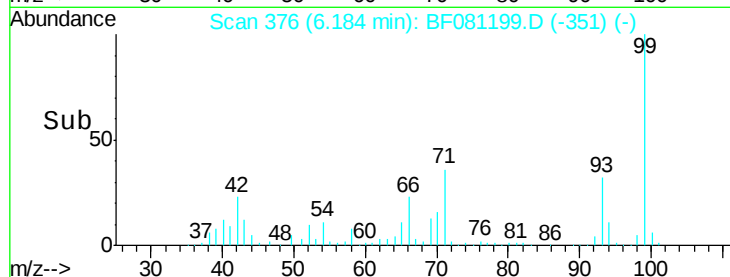
71 36.1 31.2 46.8



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: 36.14 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

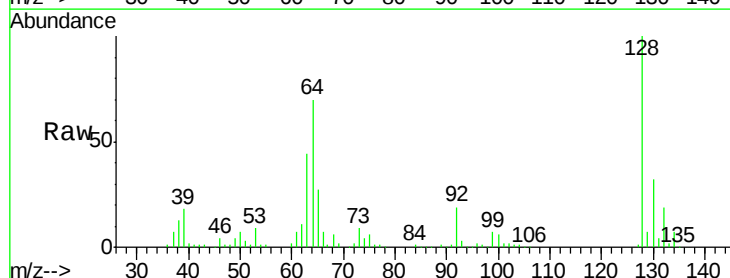
Tgt Ion: 128 Resp: 187708

Ion Ratio Lower Upper

128 100

130 31.9 12.5 52.5

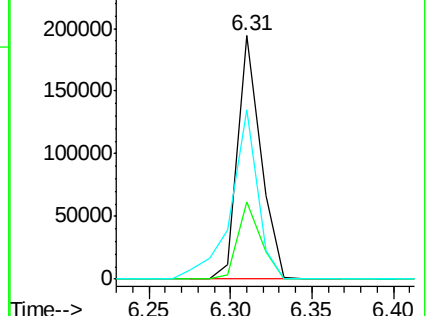
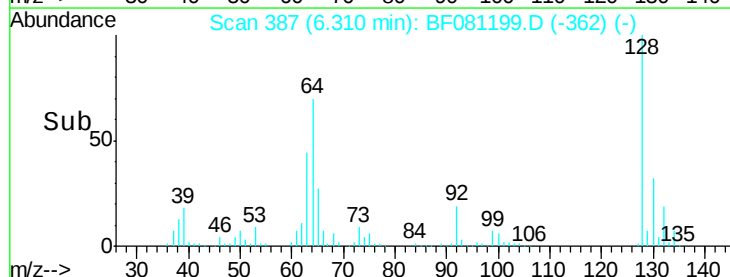
64 69.6 46.8 86.8

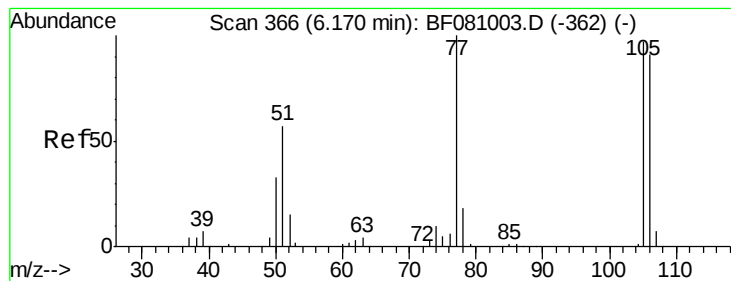


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.85 ng

RT: 6.07 min Scan# 366

Delta R.T. -0.01 min

Lab File: BF081199.D

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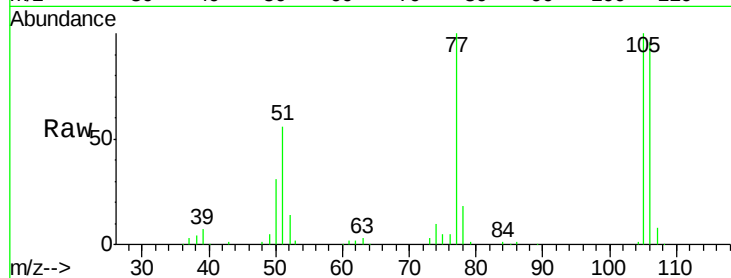
Tgt Ion: 77 Resp: 103181

Ion Ratio Lower Upper

77 100

105 100.1 69.6 109.6

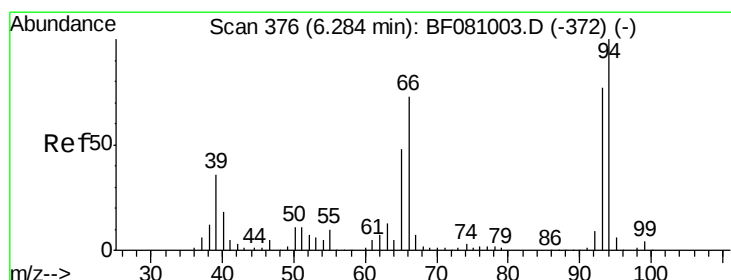
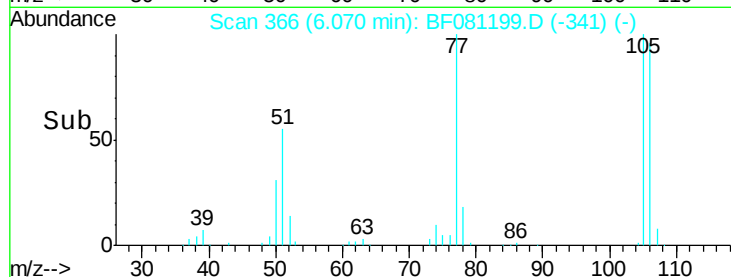
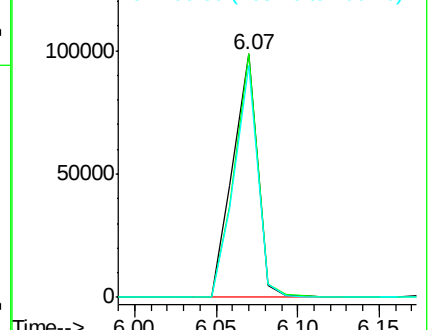
106 95.6 64.0 104.0



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: 31.85 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

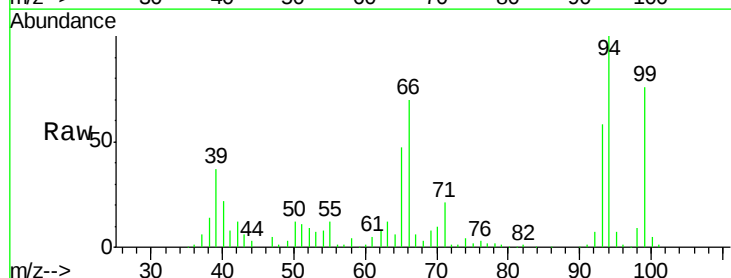
Tgt Ion: 94 Resp: 232866

Ion Ratio Lower Upper

94 100

65 47.1 28.4 68.4

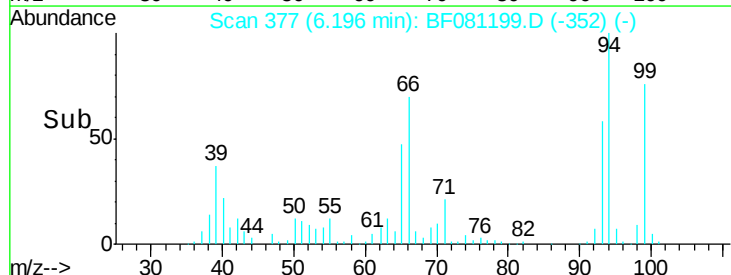
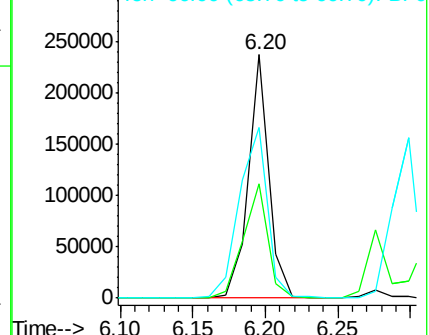
66 69.8 52.3 92.3

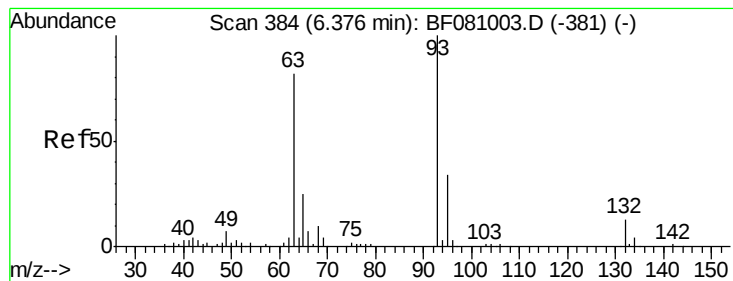


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 34.78 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF081199.D

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Instrument :

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ClientSampleId :

PB85134BS

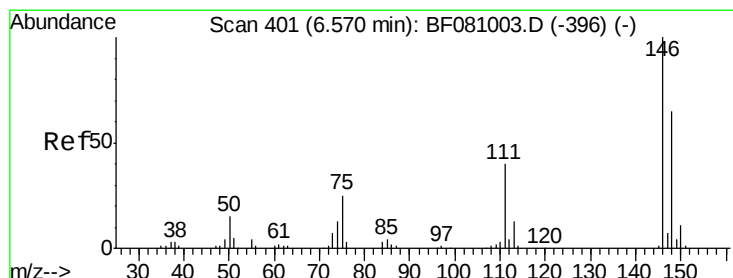
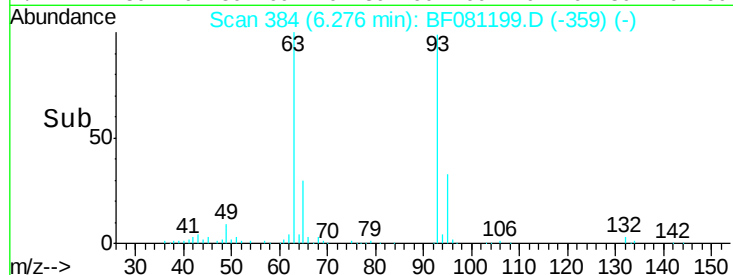
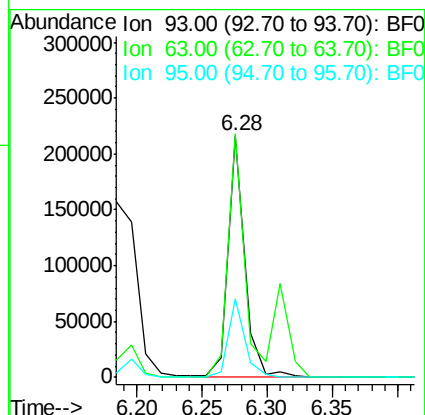
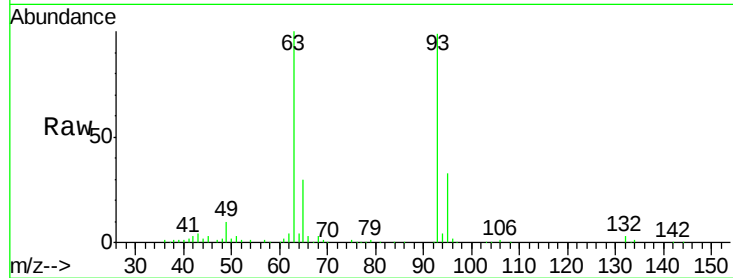
Tgt Ion: 93 Resp: 195103

Ion Ratio Lower Upper

93 100

63 100.9 69.6 109.6

95 32.8 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 36.68 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

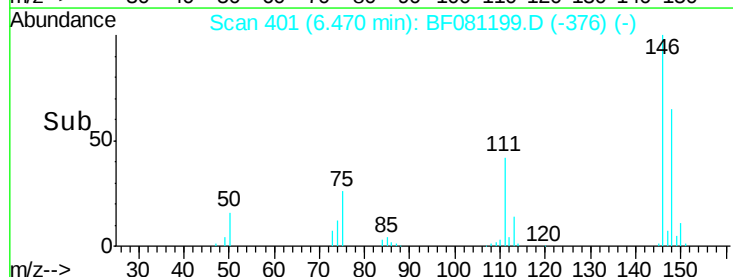
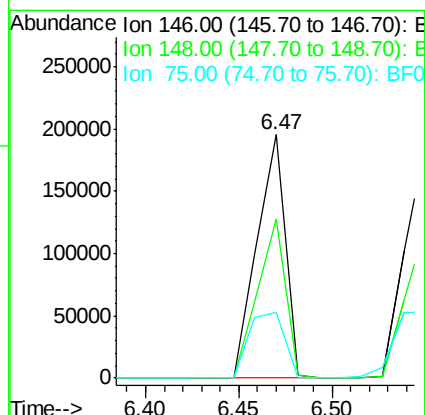
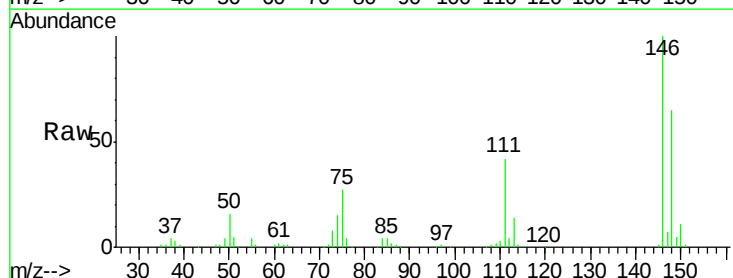
Tgt Ion: 146 Resp: 204660

Ion Ratio Lower Upper

146 100

148 65.1 53.3 79.9

75 26.9 25.0 37.6

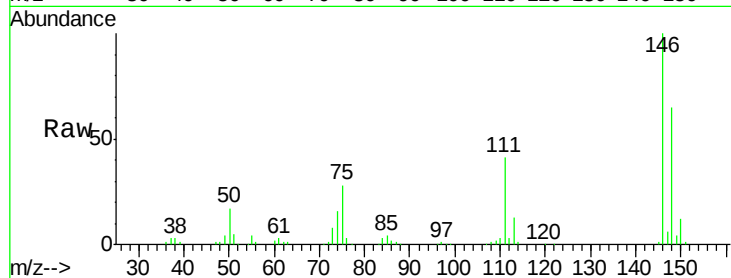




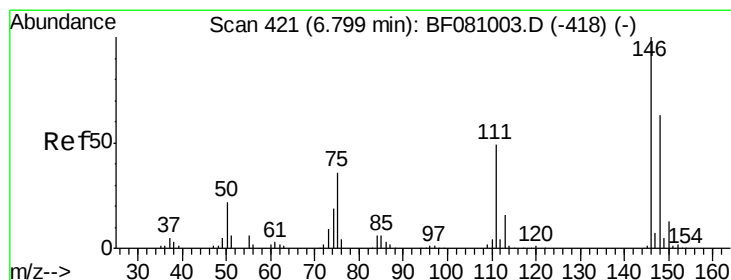
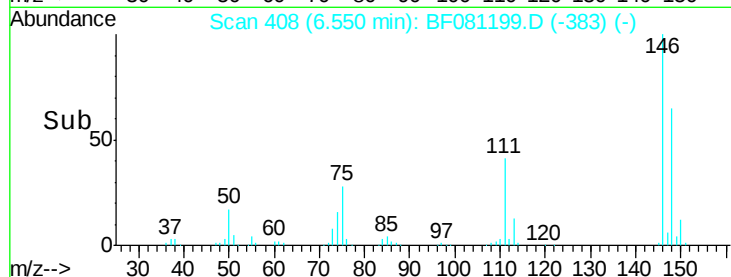
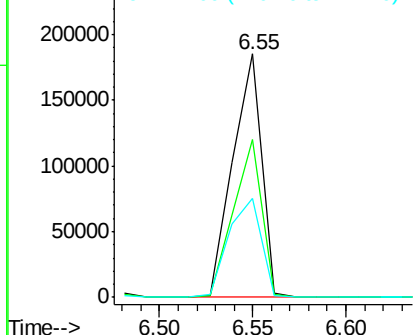
#13
 1,4-Dichlorobenzene
 Concen: 36.33 ng
 RT: 6.55 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85134BS

Tgt Ion:146 Resp: 200731
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.3 78.5
 111 40.5 34.4 51.6

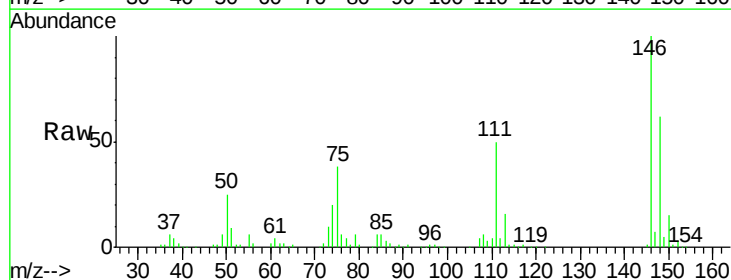


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

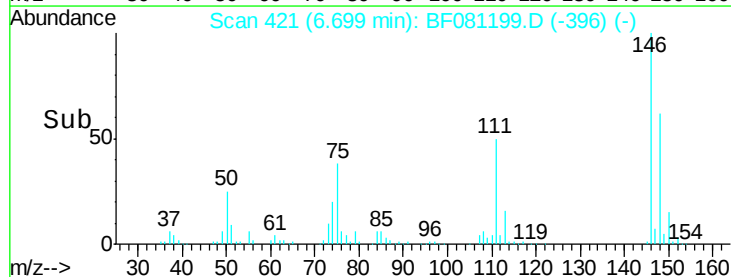
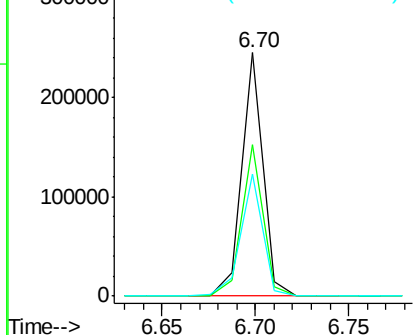


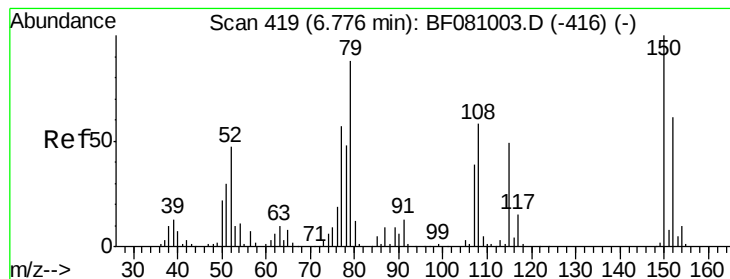
#14
 1,2-Dichlorobenzene
 Concen: 37.70 ng
 RT: 6.70 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Tgt Ion:146 Resp: 194972
 Ion Ratio Lower Upper
 146 100
 148 62.4 48.7 73.1
 111 50.1 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: 37.12 ng

RT: 6.69 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

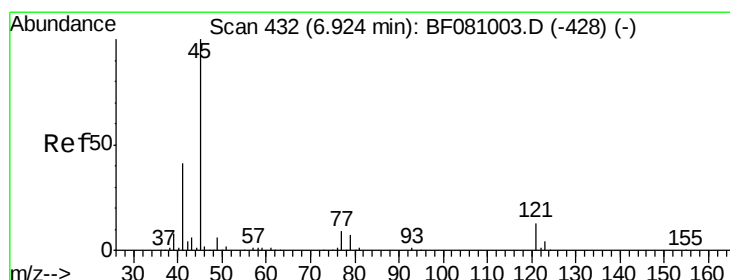
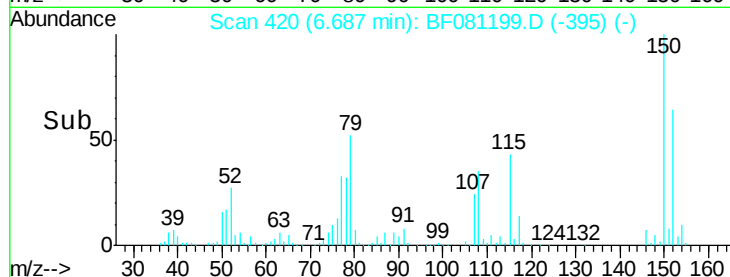
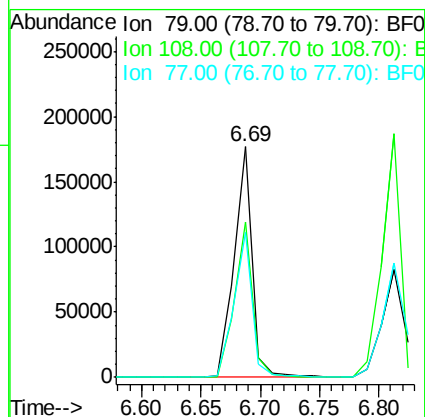
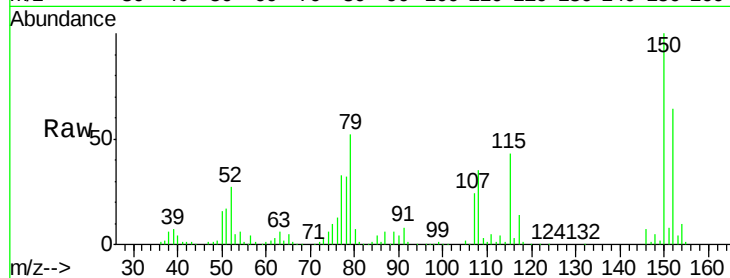
Tgt Ion: 79 Resp: 185901

Ion Ratio Lower Upper

79 100

108 67.5 49.4 74.2

77 63.2 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.91 ng

RT: 6.82 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

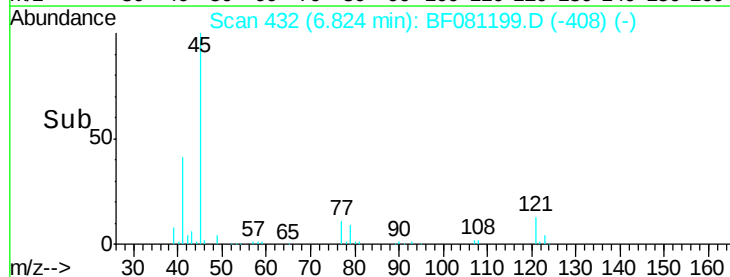
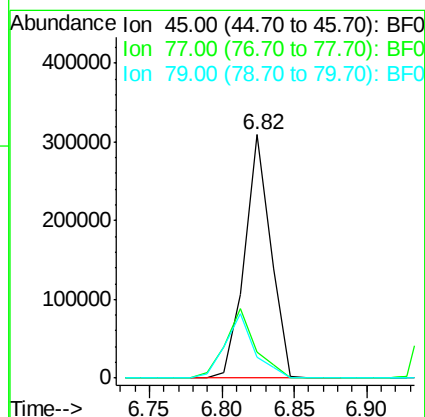
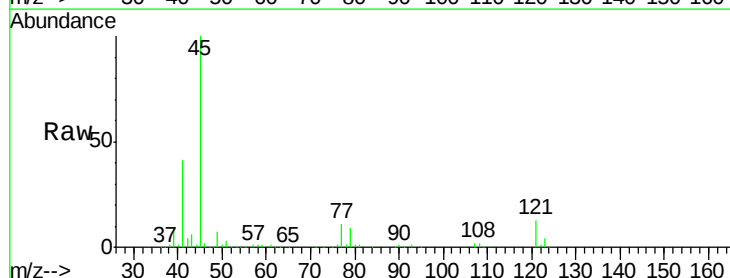
Tgt Ion: 45 Resp: 384817

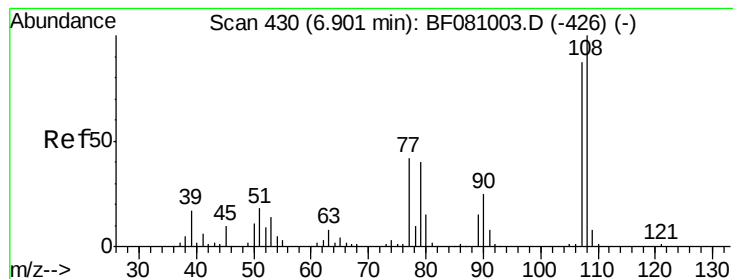
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.2

79 8.6 0.0 28.0





#17

2-Methylphenol

Concen: 39.16 ng

RT: 6.81 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

Tgt Ion:107 Resp: 174500

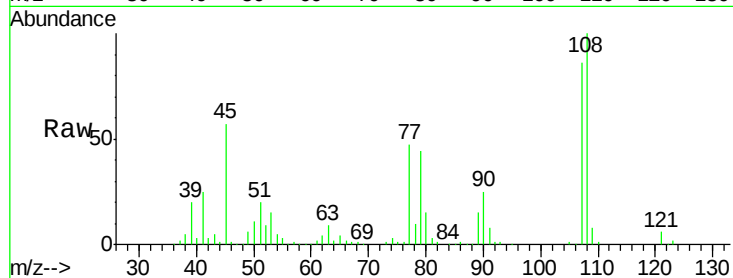
Ion Ratio Lower Upper

107 100

108 116.0 90.4 135.6

77 54.6 46.5 69.7

79 51.3 46.3 69.5

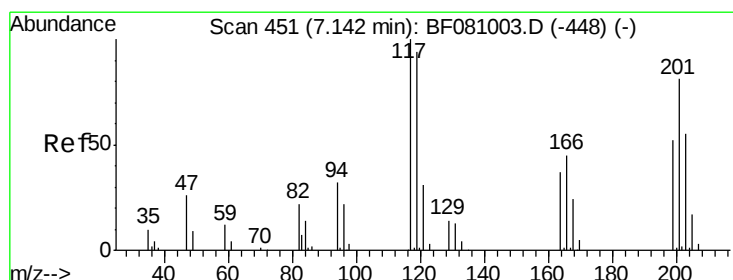
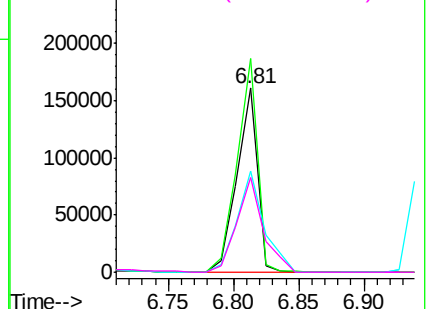
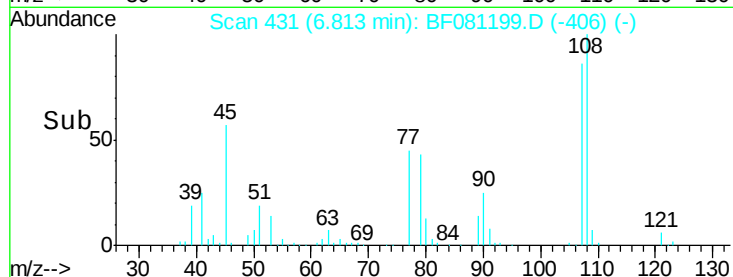


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.95 ng

RT: 7.04 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

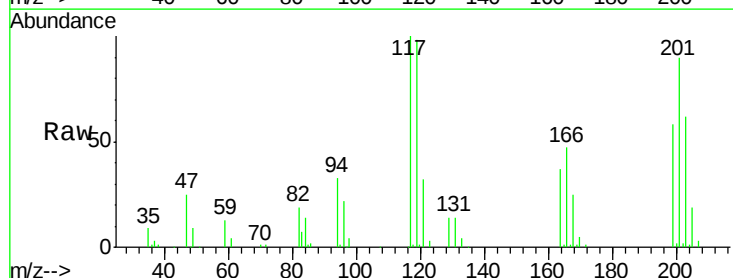
Tgt Ion:117 Resp: 82488

Ion Ratio Lower Upper

117 100

119 97.6 77.9 116.9

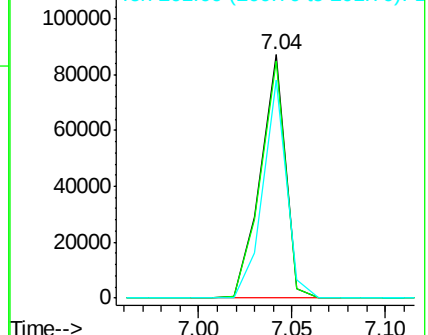
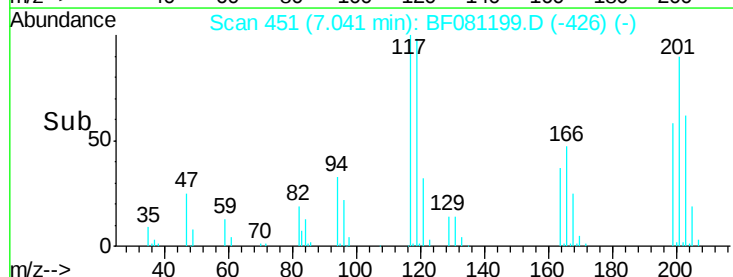
201 89.5 61.3 91.9

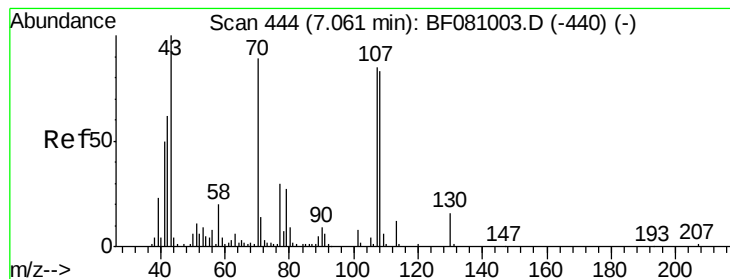


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.86 ng

RT: 6.96 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

Tgt Ion: 70 Resp: 153788

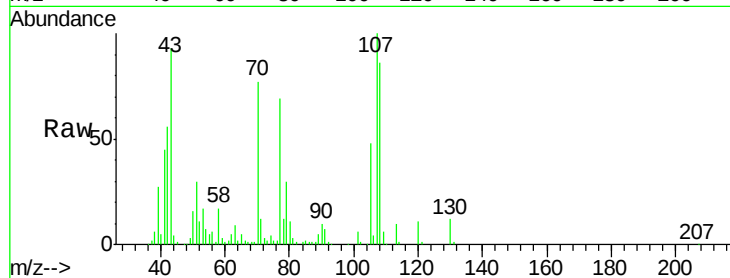
Ion Ratio Lower Upper

70 100

42 72.2 65.0 97.4

101 8.2 7.4 11.2

130 15.4 13.0 19.4

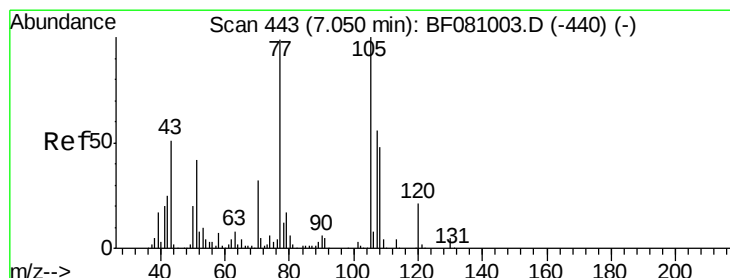
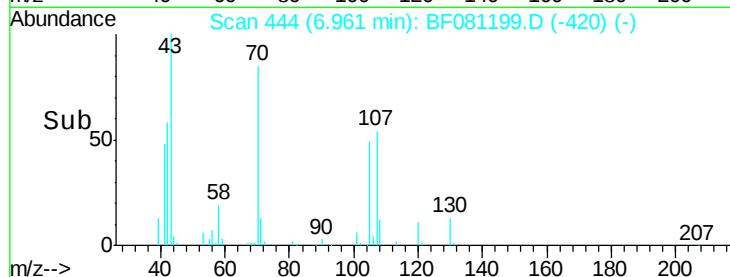
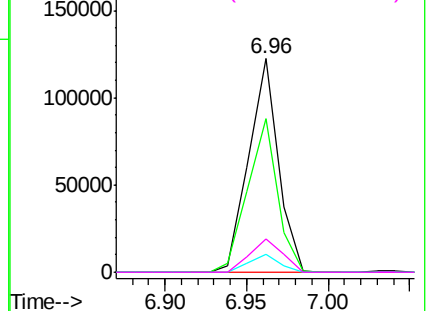


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 37.55 ng

RT: 6.96 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Tgt Ion: 107 Resp: 212356

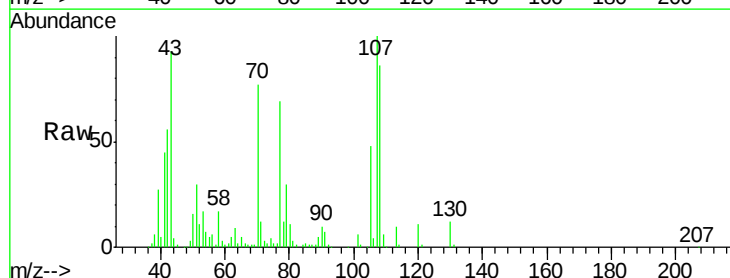
Ion Ratio Lower Upper

107 100

108 86.4 66.1 106.1

77 68.9 139.3 179.3#

79 29.9 11.9 51.9

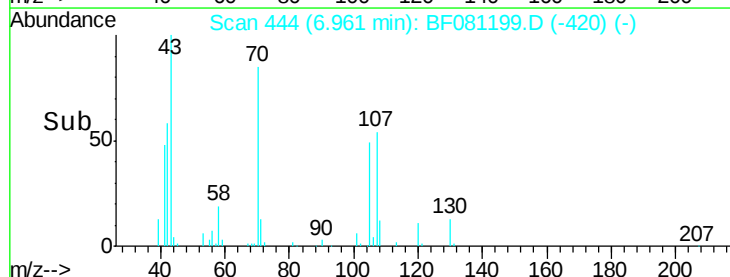
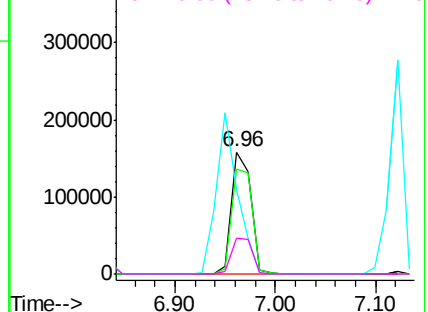


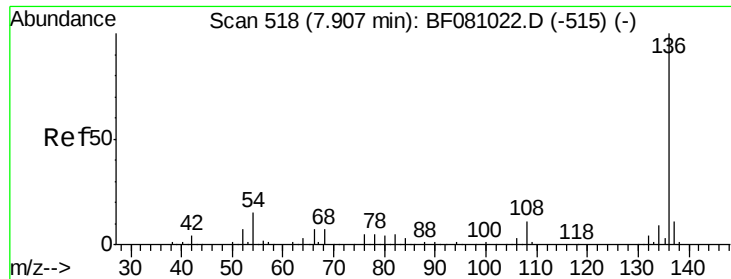
Abundance Ion 107.00 (106.70 to 107.70): E

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

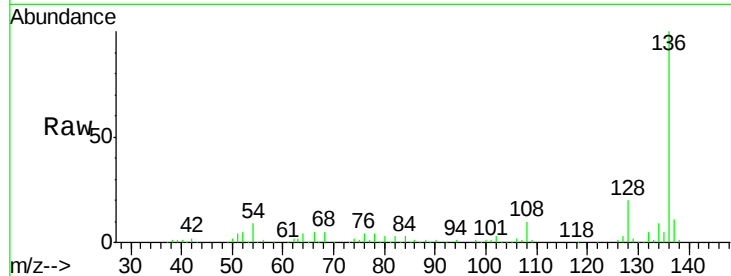




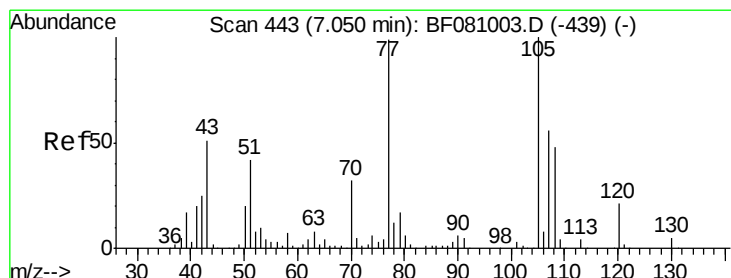
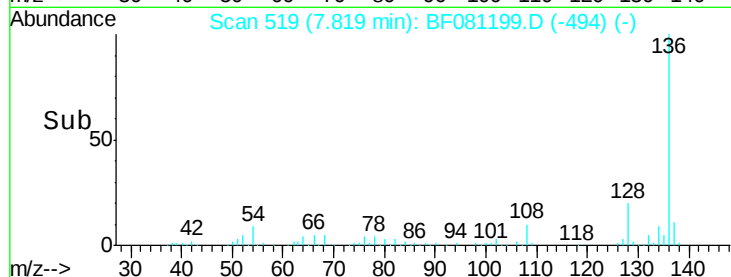
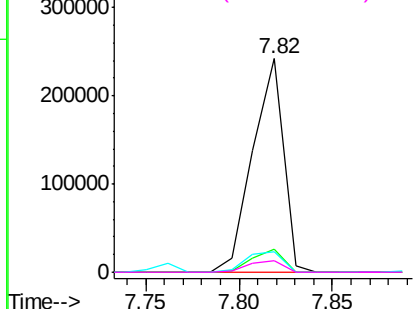
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

Instrument :
BNA_F
ClientSampleId :
PB85134BS

Tgt Ion:	136	Resp:	276025
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	9.4	7.7	11.5
68	5.4	3.4	5.2#

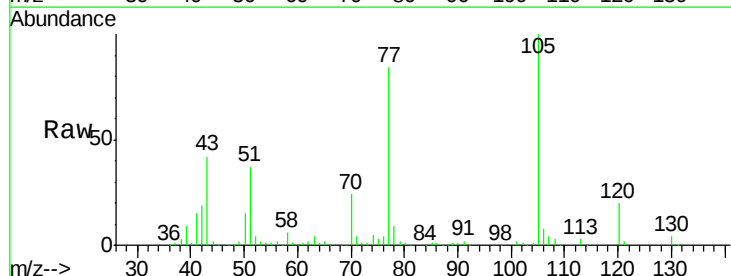


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

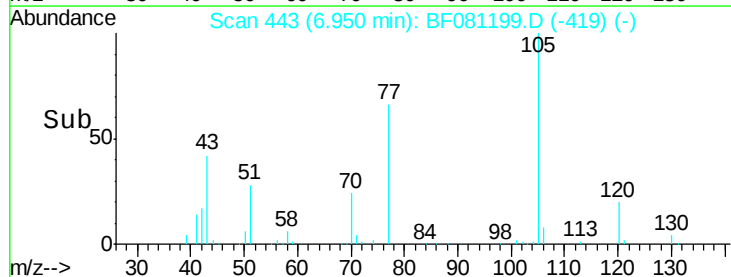
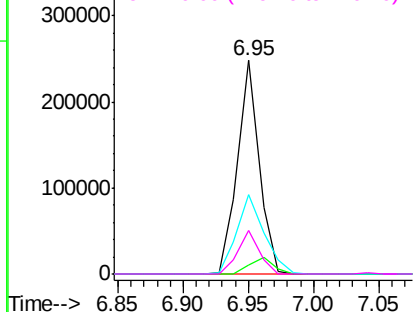


#22
Acetophenone
Concen: 39.53 ng
RT: 6.95 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

Tgt Ion:	105	Resp:	286427
Ion	Ratio	Lower	Upper
105	100		
71	3.9	3.0	4.6
51	37.3	39.8	59.8#
120	20.2	15.8	23.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 71.54 ng

RT: 7.10 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

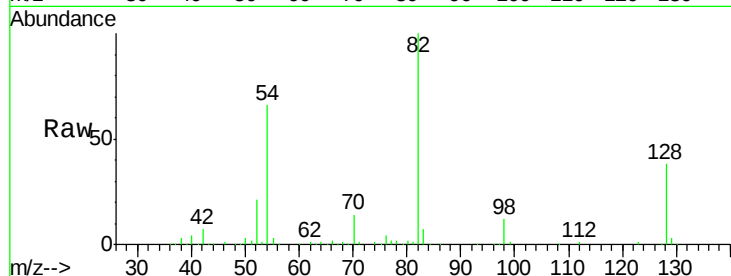
Tgt Ion: 82 Resp: 432296

Ion Ratio Lower Upper

82 100

128 38.1 28.6 42.8

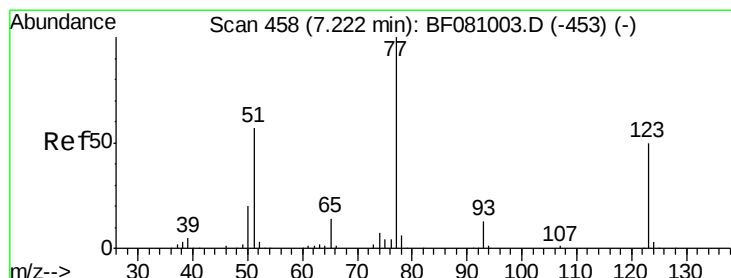
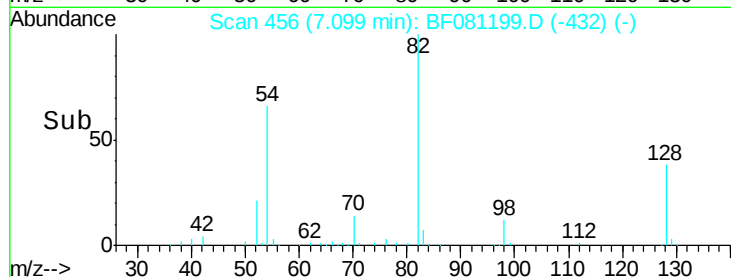
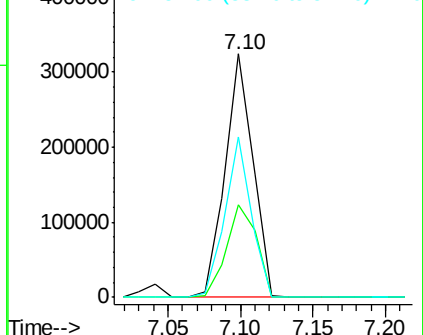
54 65.7 55.1 82.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.82 ng

RT: 7.12 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

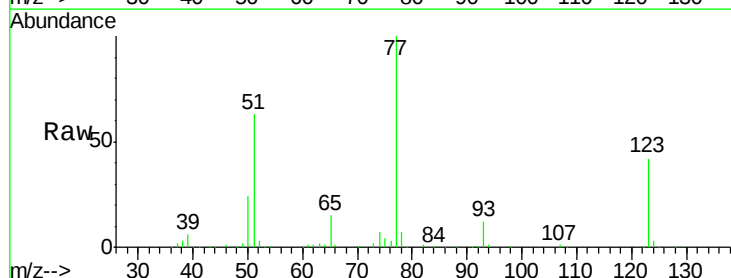
Tgt Ion: 77 Resp: 257872

Ion Ratio Lower Upper

77 100

123 41.5 32.9 49.3

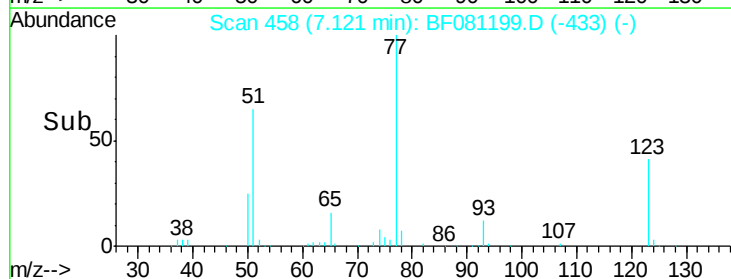
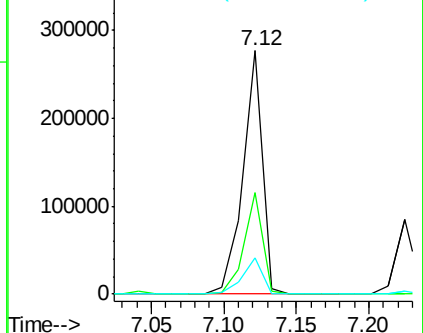
65 15.1 12.5 18.7

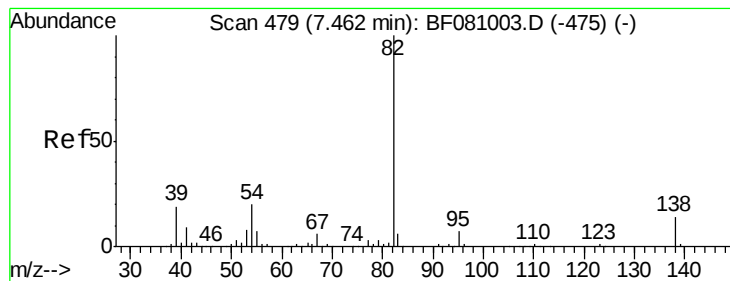


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.63 ng

RT: 7.36 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

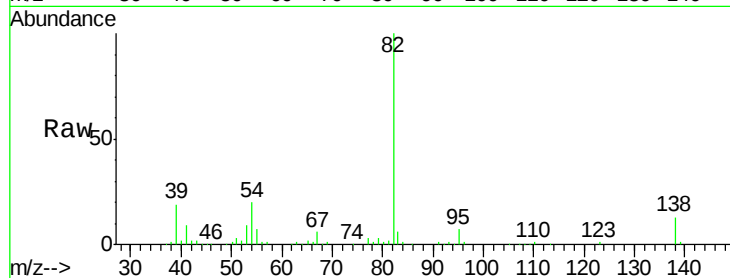
Tgt Ion: 82 Resp: 424067

Ion Ratio Lower Upper

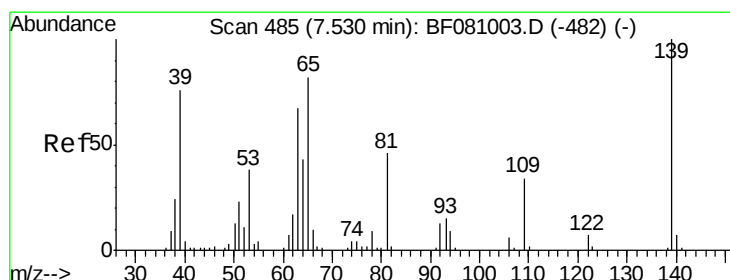
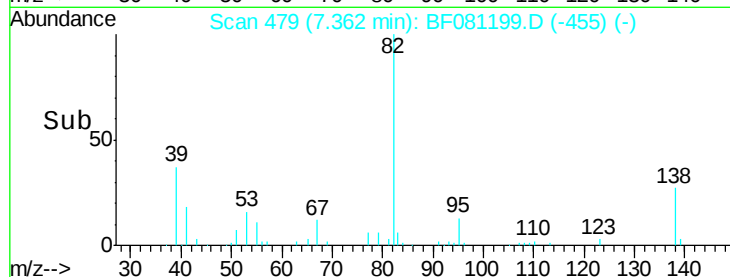
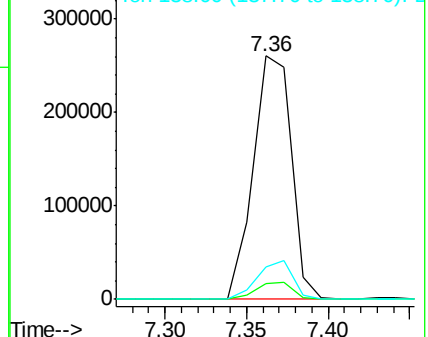
82 100

95 6.5 6.2 9.2

138 13.4 10.5 15.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.71 ng

RT: 7.44 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

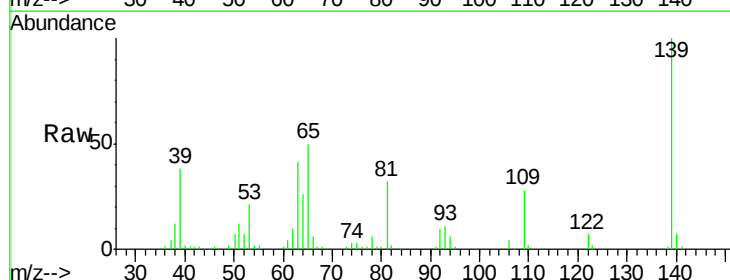
Tgt Ion: 139 Resp: 106951

Ion Ratio Lower Upper

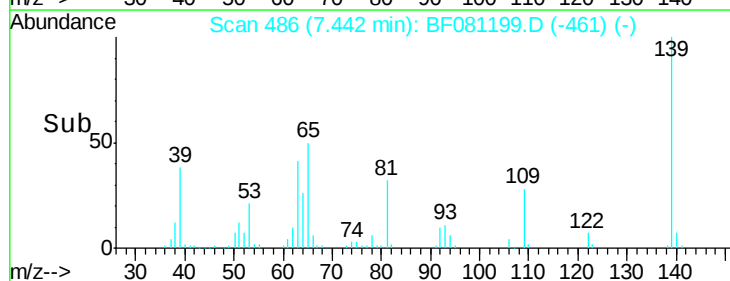
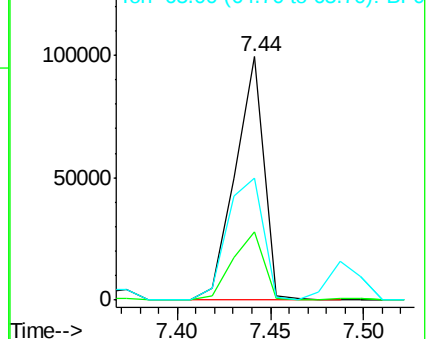
139 100

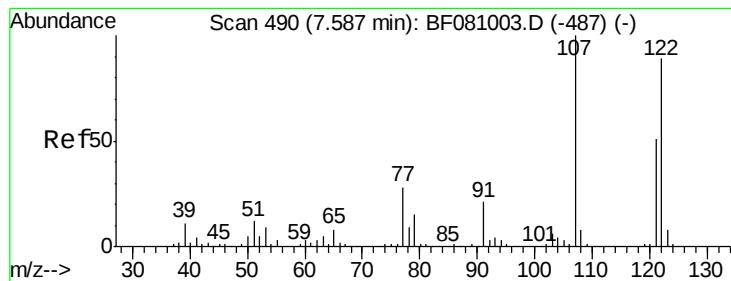
109 28.2 32.1 48.1#

65 50.2 69.9 104.9#



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

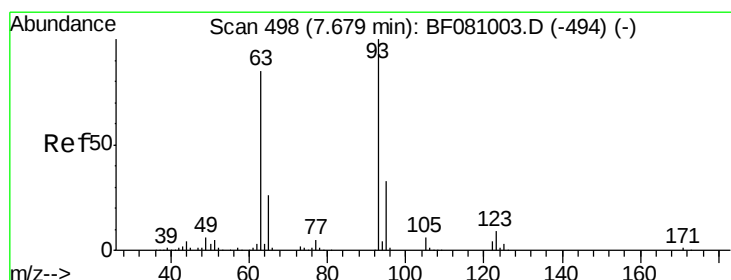
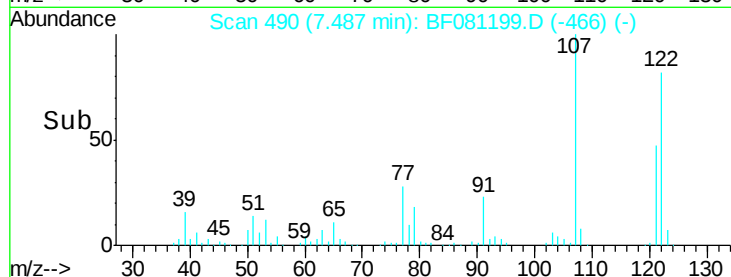
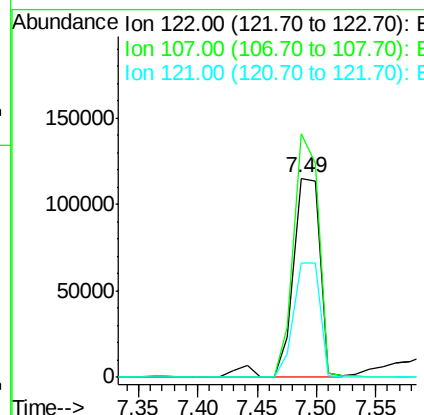
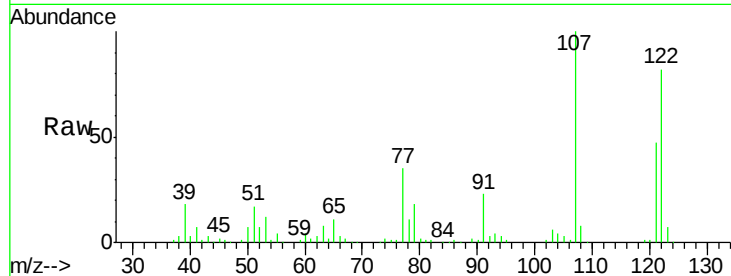




#27
 2,4-Dimethylphenol
 Concen: 39.30 ng
 RT: 7.49 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

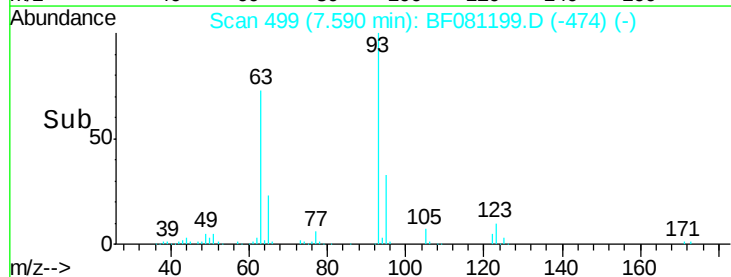
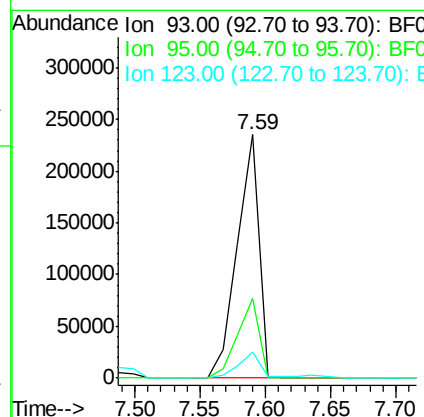
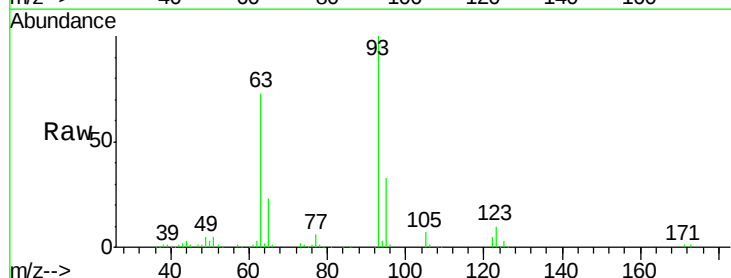
Instrument :
 BNA_F
 ClientSampleId :
 PB85134BS

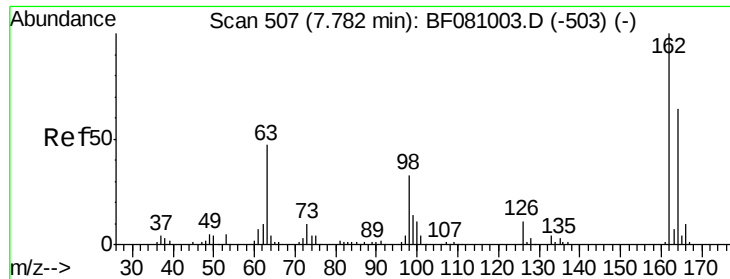
Tgt Ion:122 Resp: 182653
 Ion Ratio Lower Upper
 122 100
 107 122.2 103.8 155.6
 121 57.7 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.67 ng
 RT: 7.59 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Tgt Ion: 93 Resp: 270703
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.8 38.8
 123 10.5 7.4 11.0

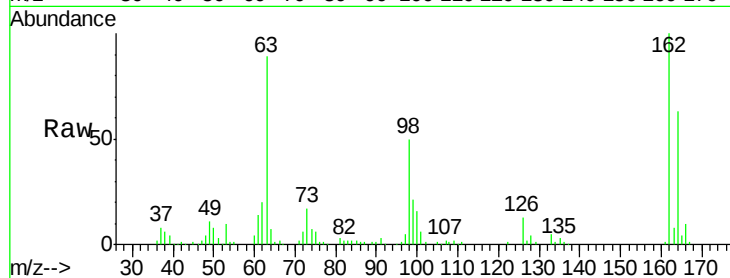




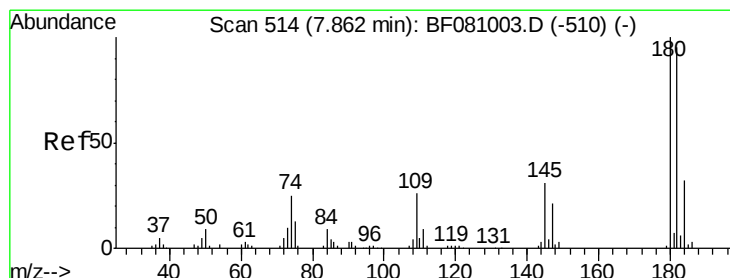
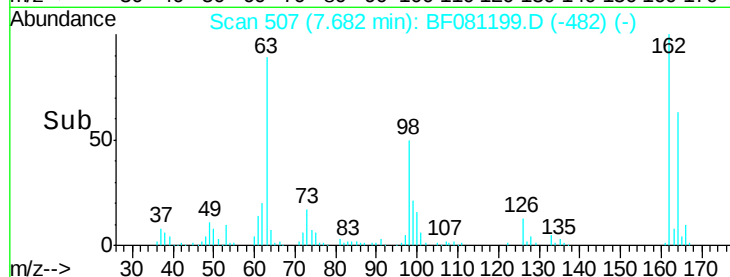
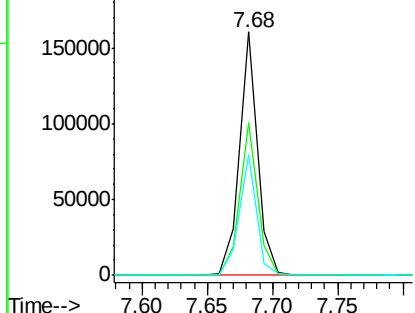
#29
 2,4-Dichlorophenol
 Concen: 39.09 ng
 RT: 7.68 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85134BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	43.2	83.2
98	49.7	12.3	52.3

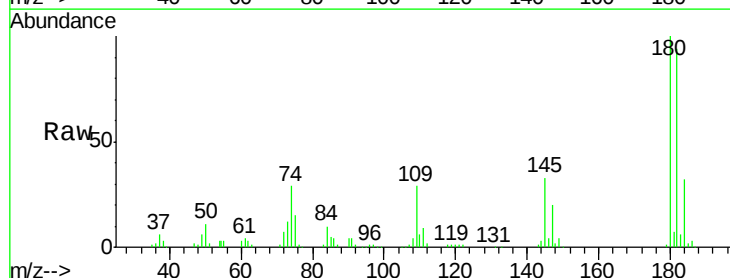


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

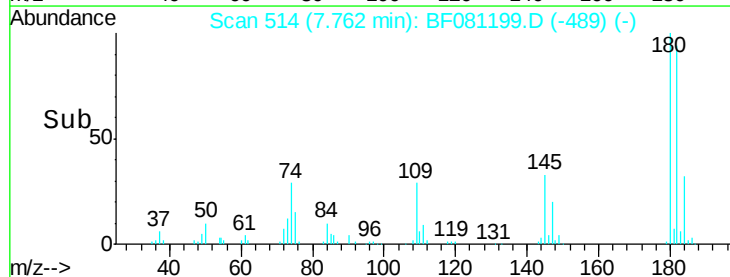
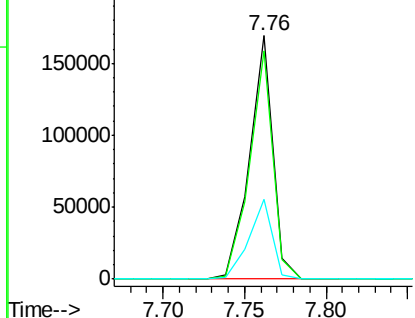


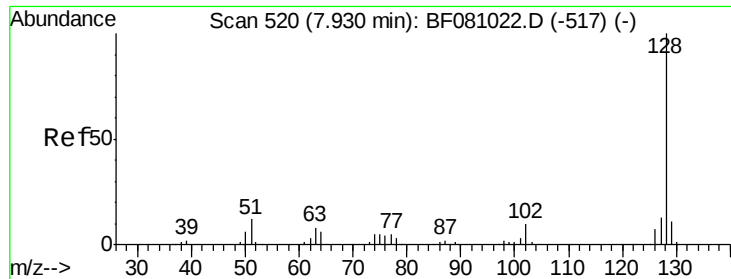
#30
 1,2,4-Trichlorobenzene
 Concen: 38.50 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.4	114.6
145	32.9	25.4	38.2



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

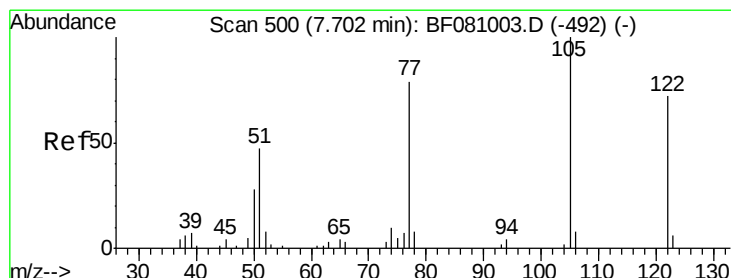
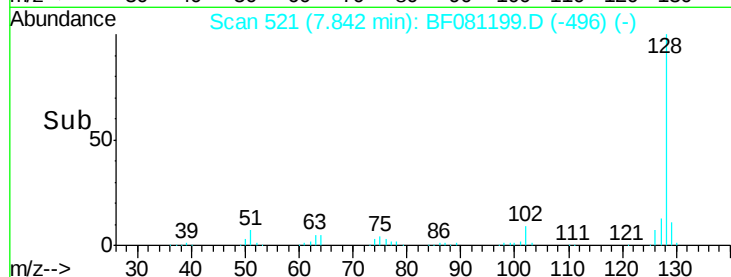
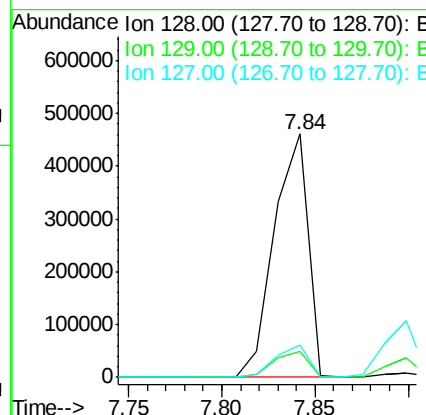
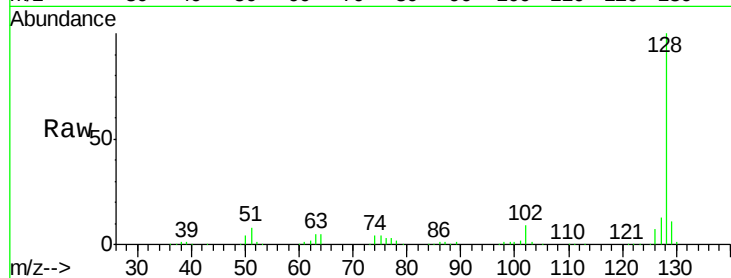




#31
Naphthalene
Concen: 37.80 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

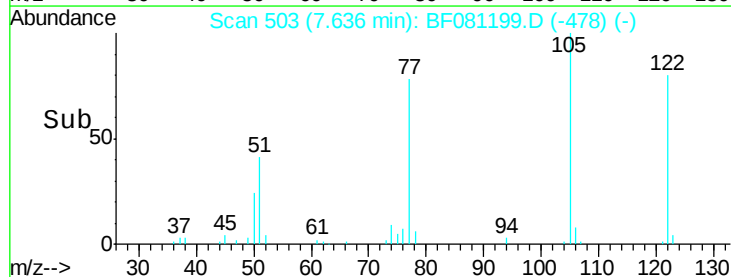
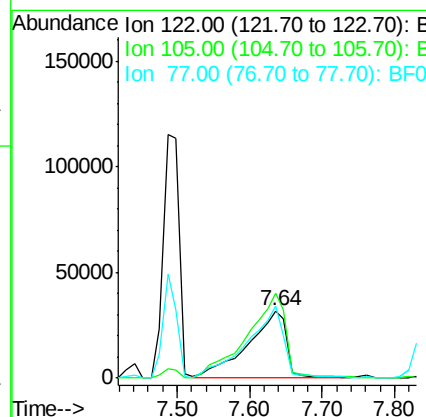
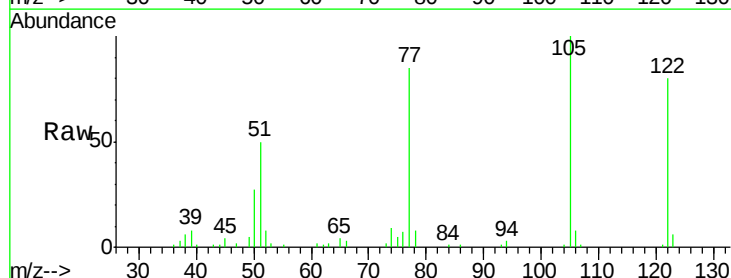
Instrument :
BNA_F
ClientSampleId :
PB85134BS

Tgt Ion:128 Resp: 581638
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 45.08 ng
RT: 7.64 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

Tgt Ion:122 Resp: 117849
Ion Ratio Lower Upper
122 100
105 125.2 113.8 153.8
77 106.2 93.8 133.8

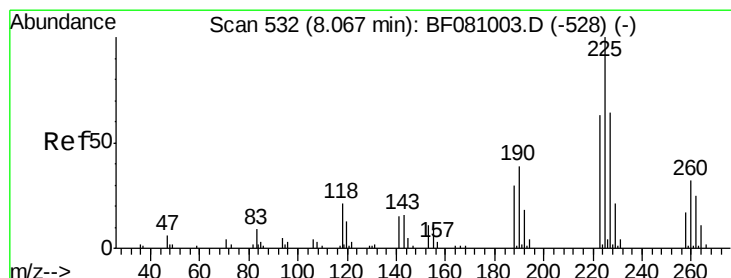
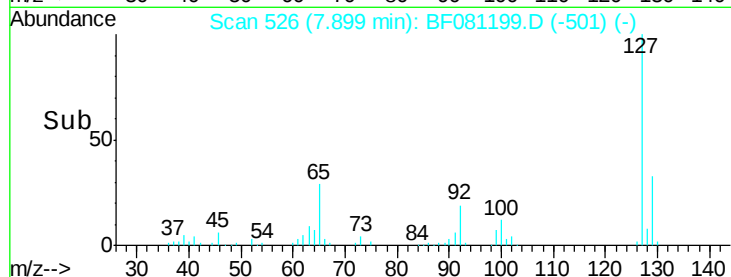
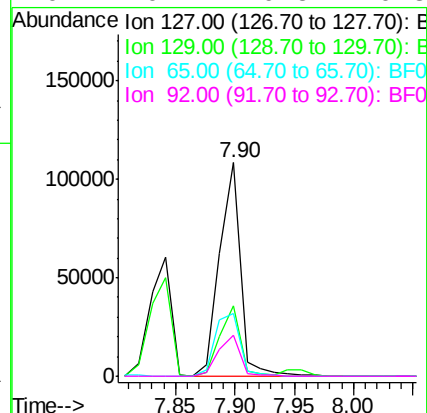
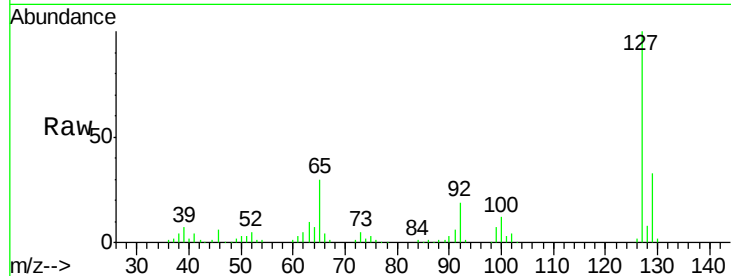




#33
4-Chloroaniline
Concen: 20.30 ng
RT: 7.90 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

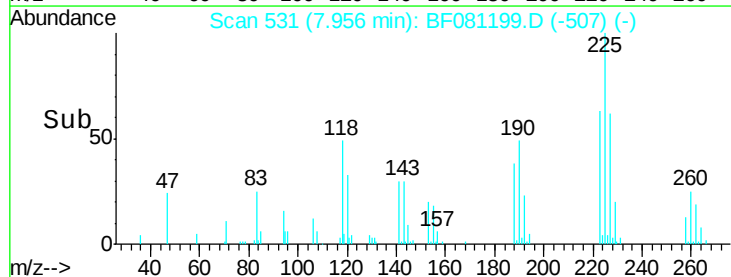
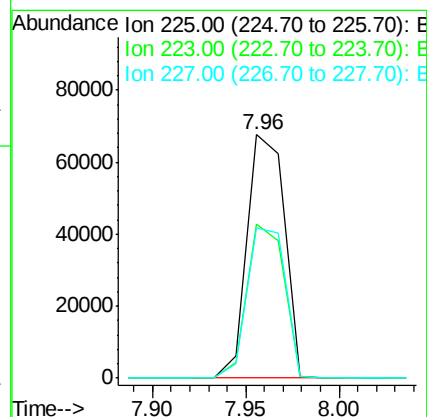
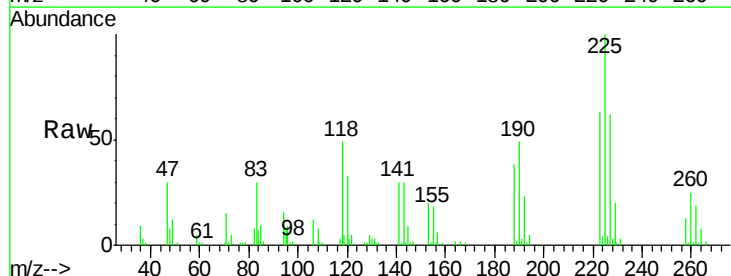
Instrument :
BNA_F
ClientSampleId :
PB85134BS

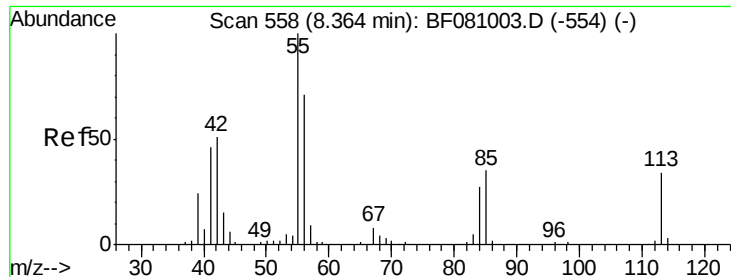
Tgt Ion:	127	Resp:	131800
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.2	37.8
65	29.7	37.8	56.6#
92	19.2	19.5	29.3#



#34
Hexachlorobutadiene
Concen: 38.10 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

Tgt Ion:	225	Resp:	93715
Ion	Ratio	Lower	Upper
225	100		
223	63.0	52.6	79.0
227	61.8	51.1	76.7





#35

Caprolactam

Concen: 42.22 ng m

RT: 8.28 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

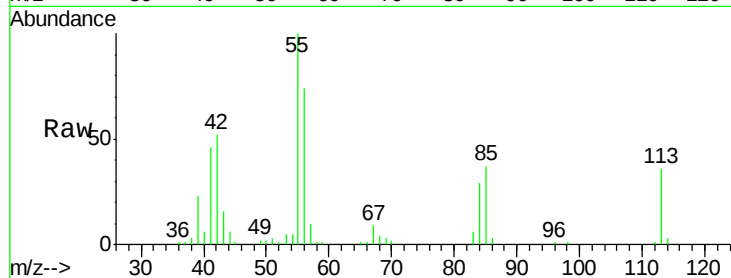
Tgt Ion:113 Resp: 57738

Ion Ratio Lower Upper

113 100

55 278.7 280.4 320.4#

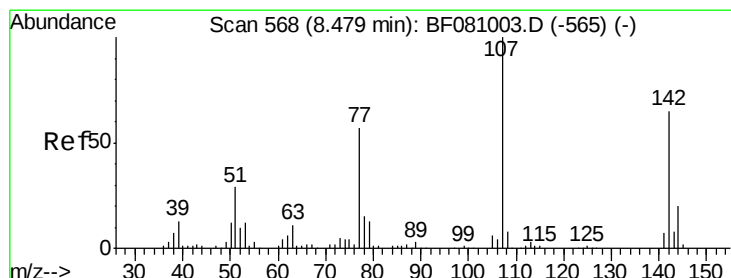
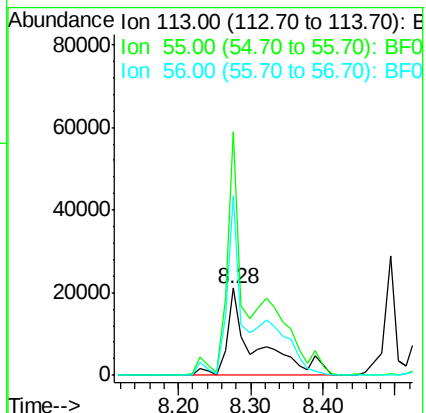
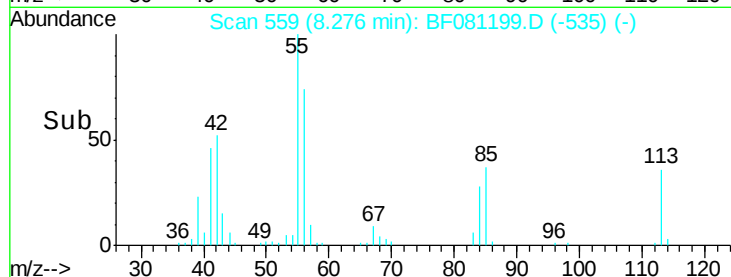
56 205.8 205.9 245.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.85 ng

RT: 8.39 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

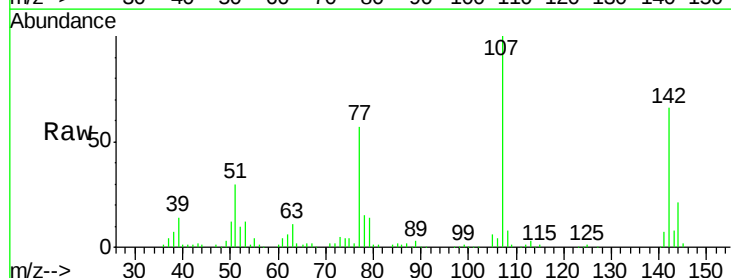
Tgt Ion:107 Resp: 176539

Ion Ratio Lower Upper

107 100

144 20.5 17.2 25.8

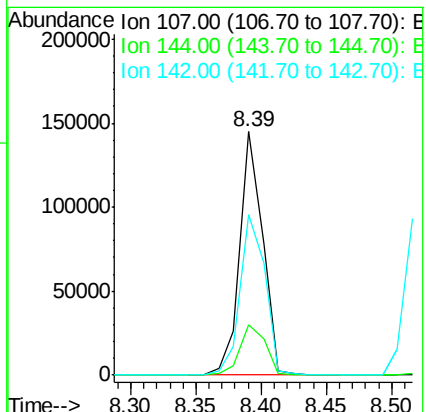
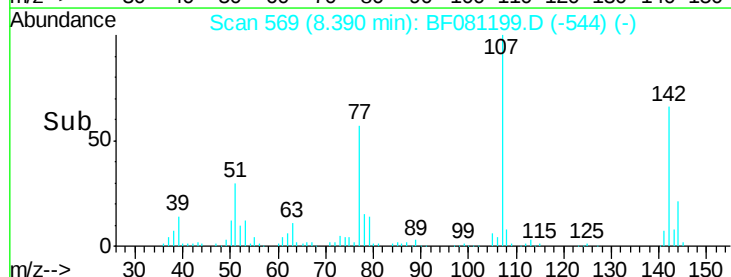
142 65.7 54.9 82.3

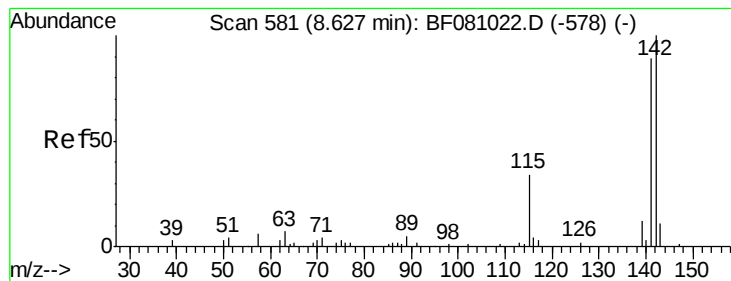


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

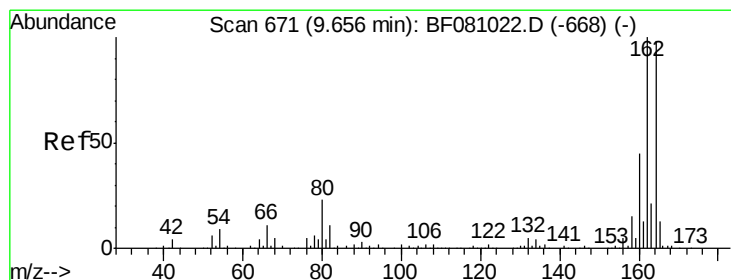
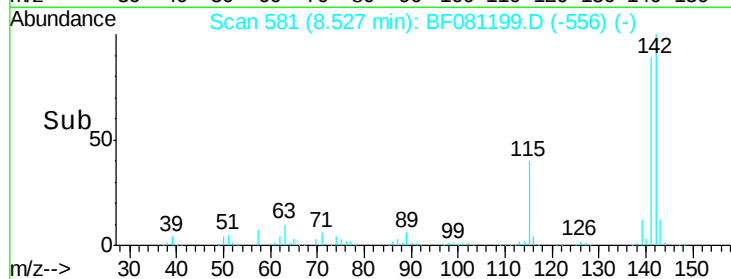
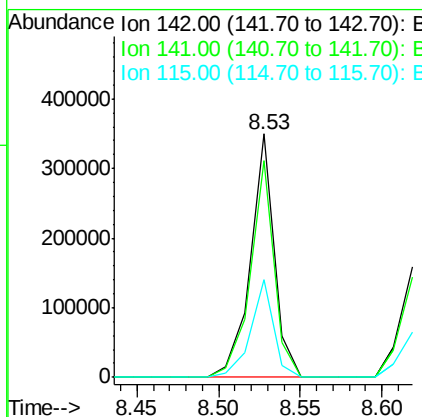
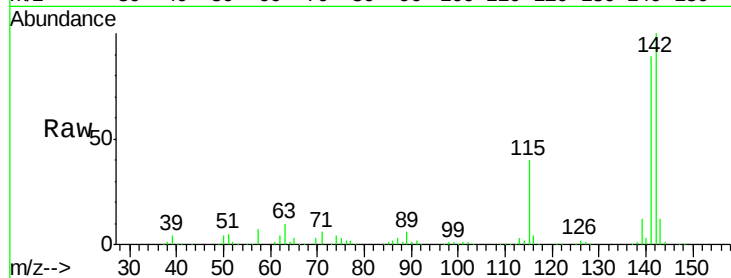




#37
 2-Methylnaphthalene
 Concen: 36.60 ng
 RT: 8.53 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

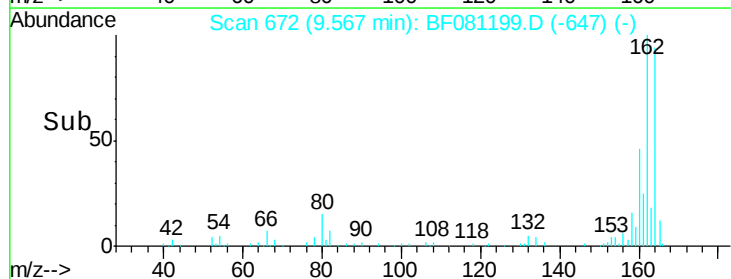
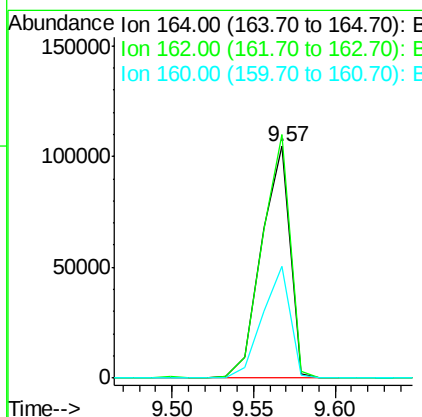
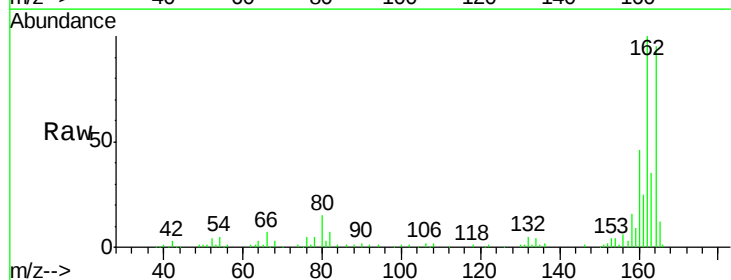
Instrument :
 BNA_F
 ClientSampleId :
 PB85134BS

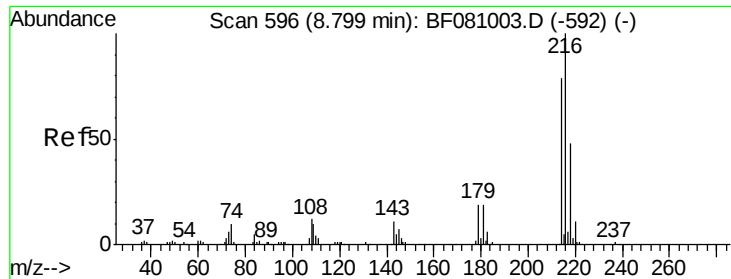
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	39.9	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.8	125.8
160	48.1	39.8	59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.70 ng

RT: 8.70 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

Tgt Ion:216 Resp: 157778

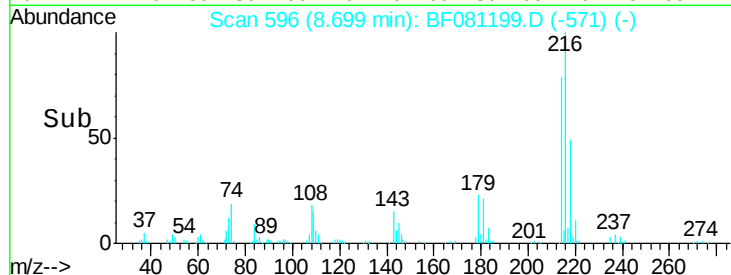
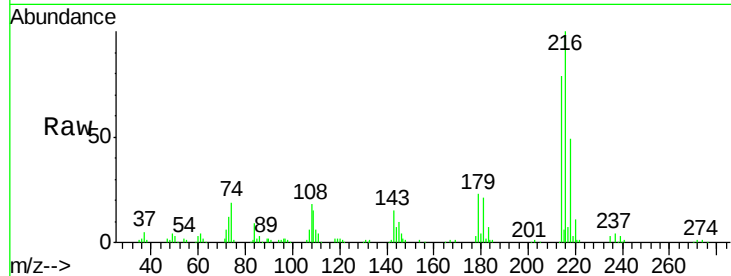
Ion Ratio Lower Upper

216 100

214 79.4 63.8 95.8

179 23.9 17.8 26.8

108 24.8 16.2 24.2#

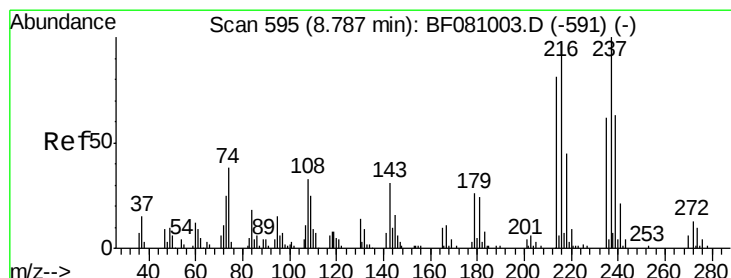
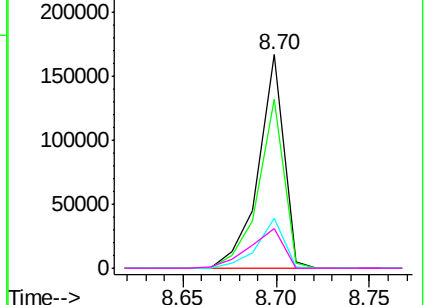


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.39 ng

RT: 8.69 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

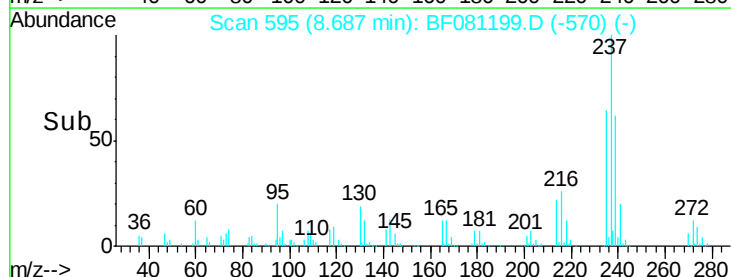
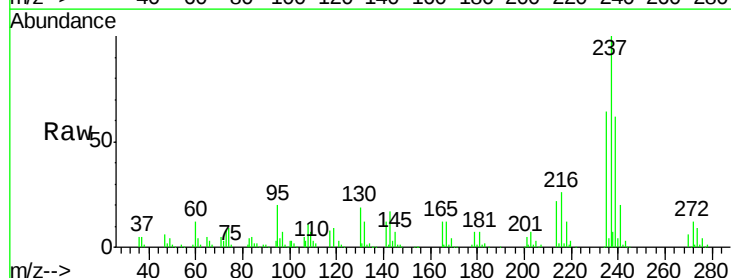
Tgt Ion:237 Resp: 167503

Ion Ratio Lower Upper

237 100

235 63.8 43.6 83.6

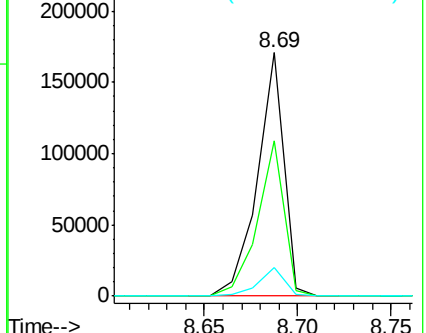
272 11.6 0.0 32.2

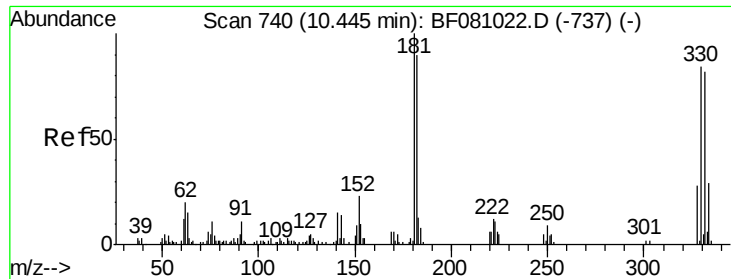


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 114.88 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

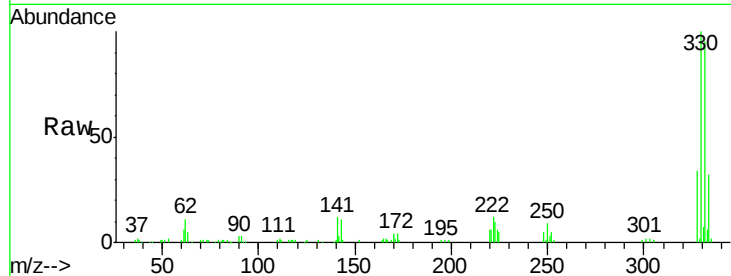
Tgt Ion:330 Resp: 125823

Ion Ratio Lower Upper

330 100

332 93.3 77.3 115.9

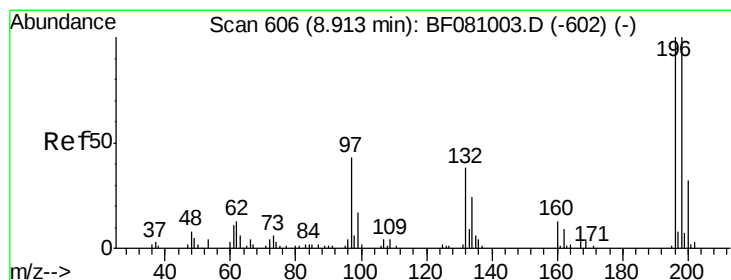
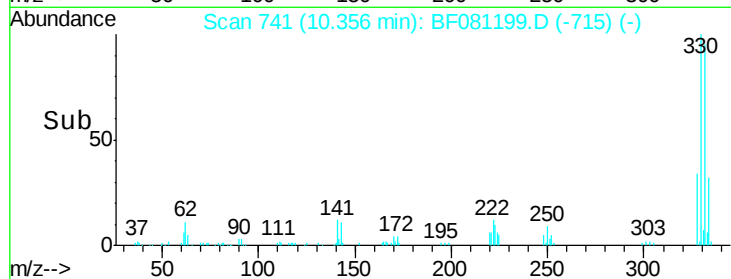
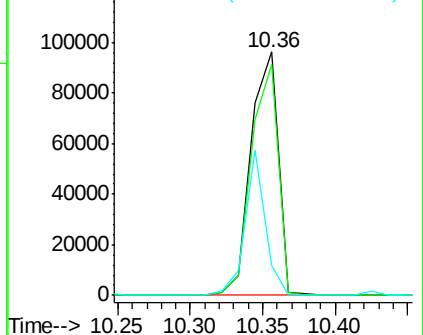
141 43.9 44.9 67.3#



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: 37.10 ng

RT: 8.81 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

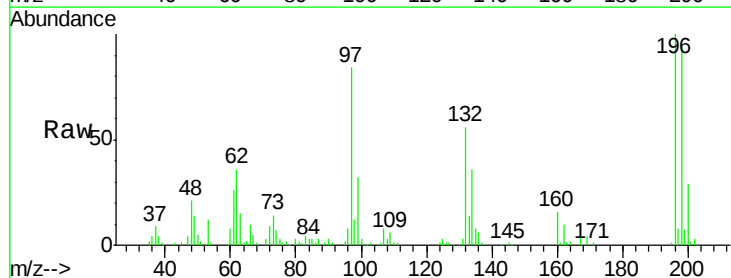
Tgt Ion:196 Resp: 106855

Ion Ratio Lower Upper

196 100

198 94.1 74.6 111.8

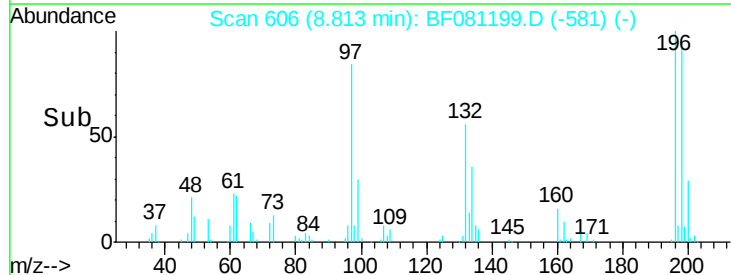
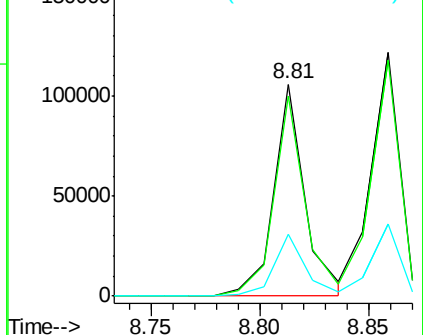
200 29.4 22.7 34.1



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

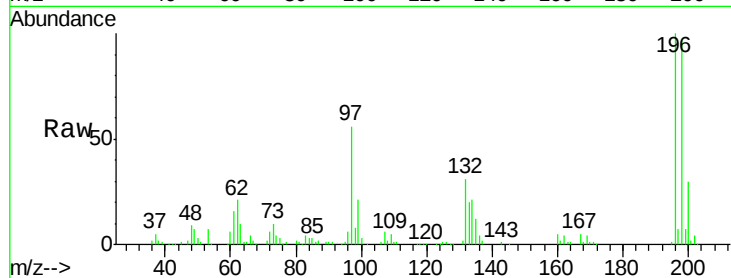




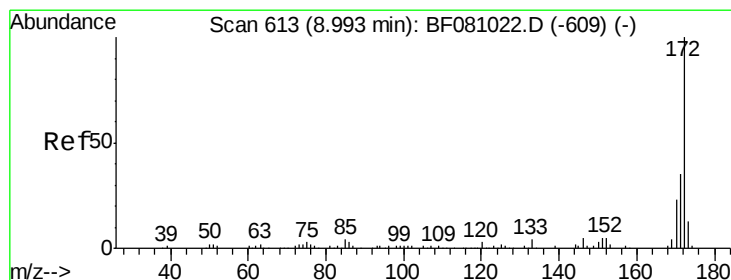
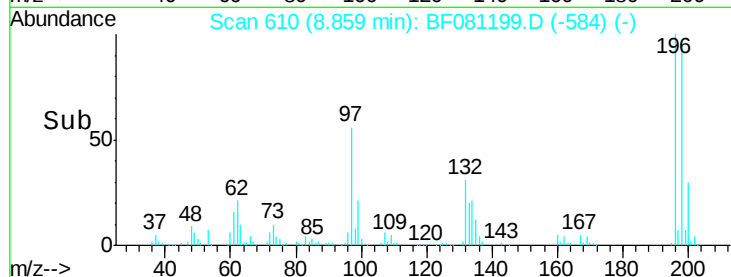
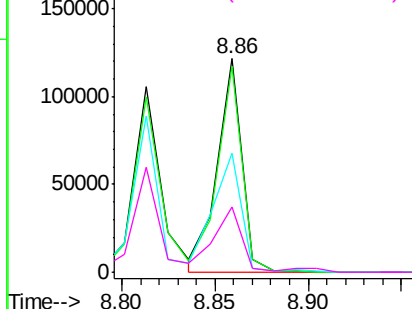
#43
 2,4,5-Trichlorophenol
 Concen: 38.87 ng
 RT: 8.86 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85134BS

Tgt Ion:	196	Resp:	111873
Ion	Ratio	Lower	Upper
196	100		
198	96.7	78.3	117.5
97	56.0	42.7	64.1
132	30.6	23.3	34.9

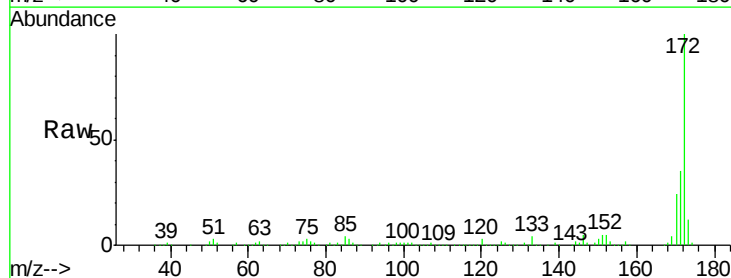


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

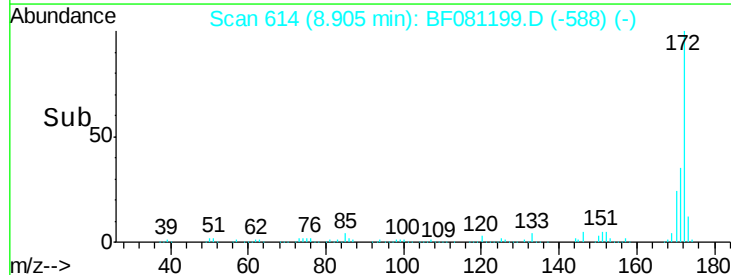
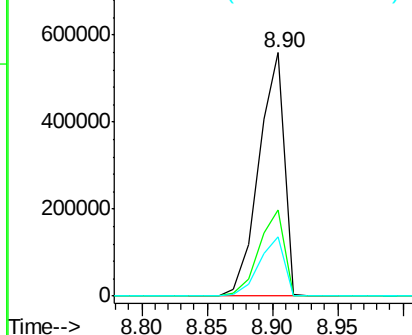


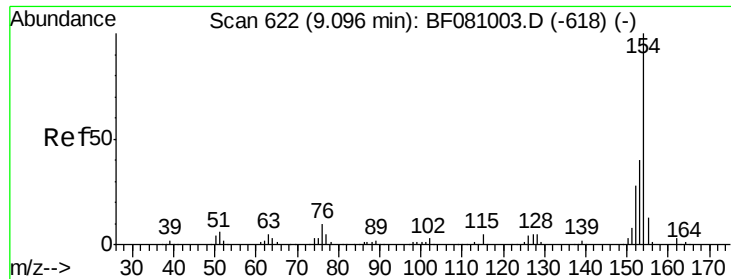
#44
 2-Fluorobiphenyl
 Concen: 78.67 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Tgt Ion:	172	Resp:	758554
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	24.4	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

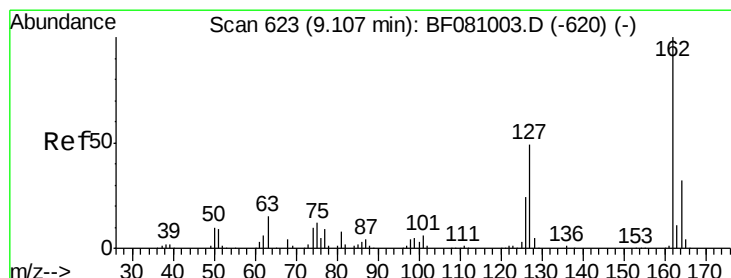
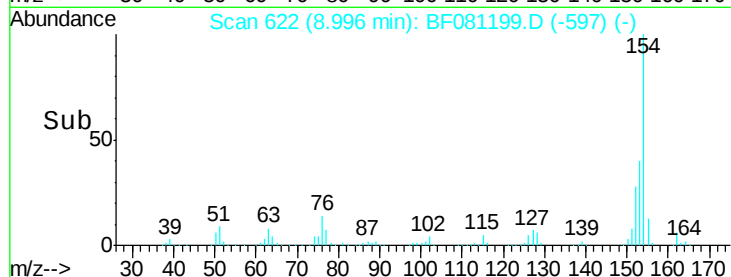
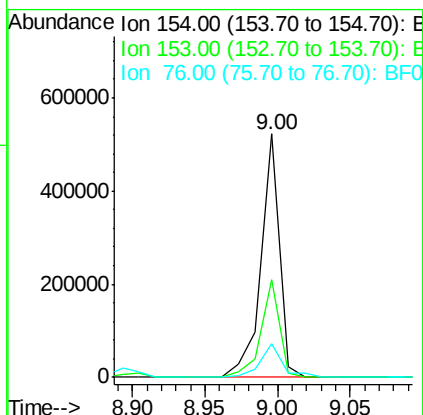
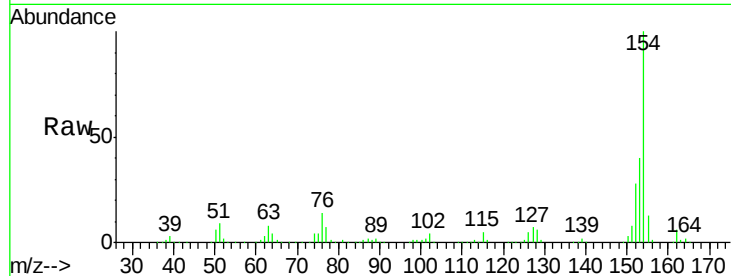




#45
 1,1'-Biphenyl
 Concen: 41.32 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

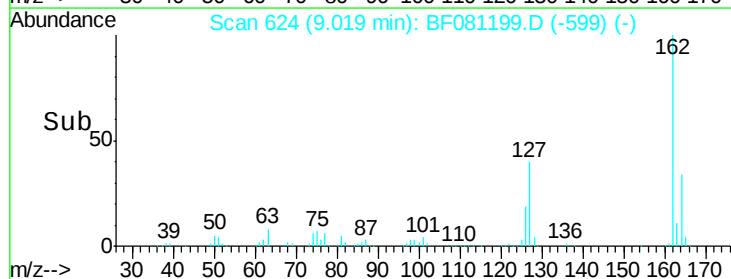
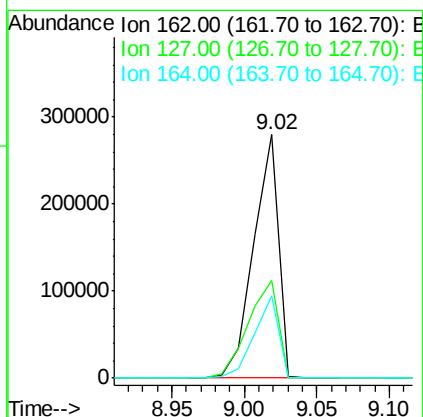
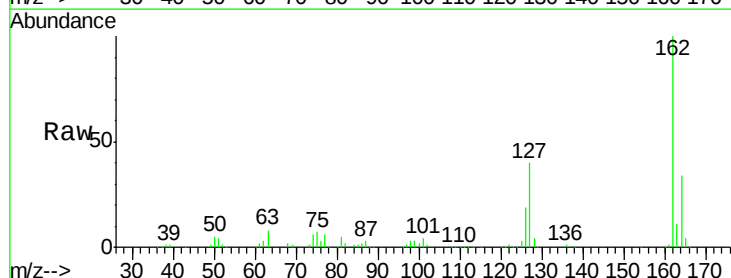
Instrument :
 BNA_F
 ClientSampleId :
 PB85134BS

Tgt Ion:154 Resp: 459853
 Ion Ratio Lower Upper
 154 100
 153 40.2 19.5 59.5
 76 13.6 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 37.18 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Tgt Ion:162 Resp: 332452
 Ion Ratio Lower Upper
 162 100
 127 40.1 31.3 46.9
 164 33.7 26.3 39.5

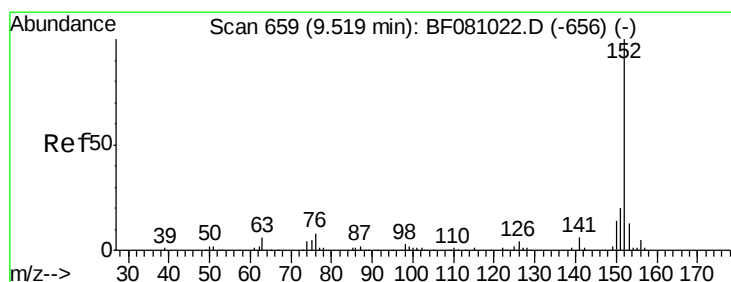
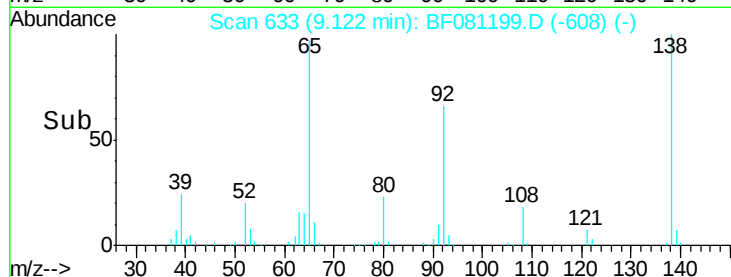
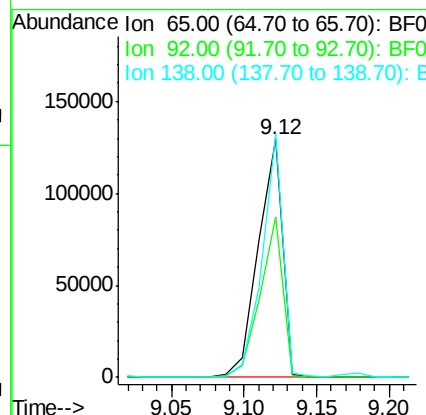
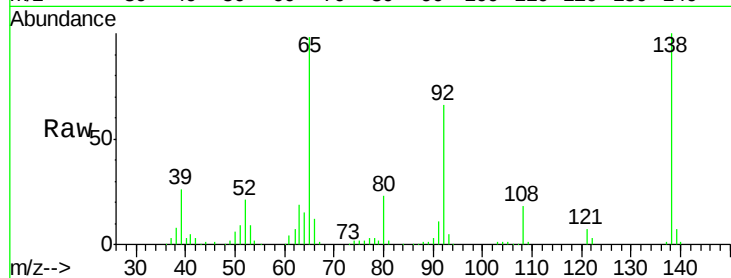




#47
2-Nitroaniline
Concen: 40.94 ng
RT: 9.12 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

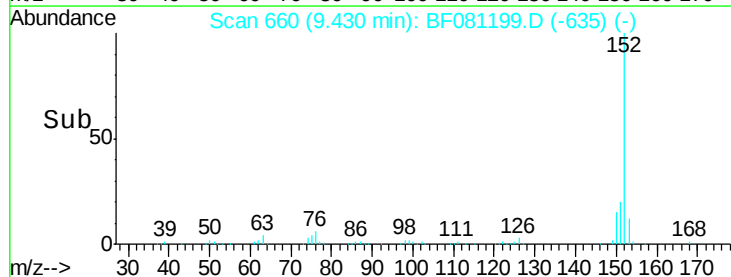
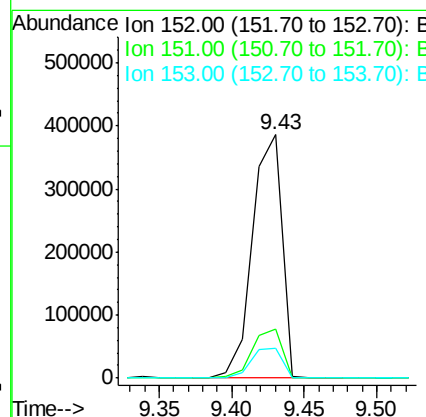
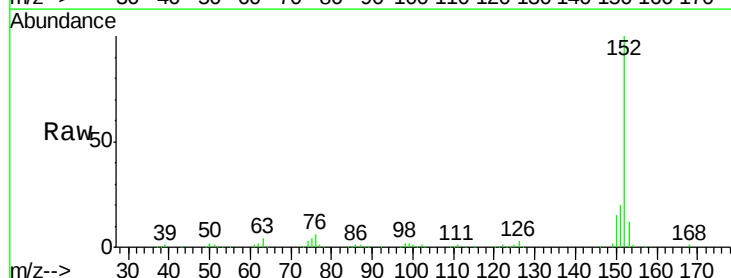
Instrument :
BNA_F
ClientSampleId :
PB85134BS

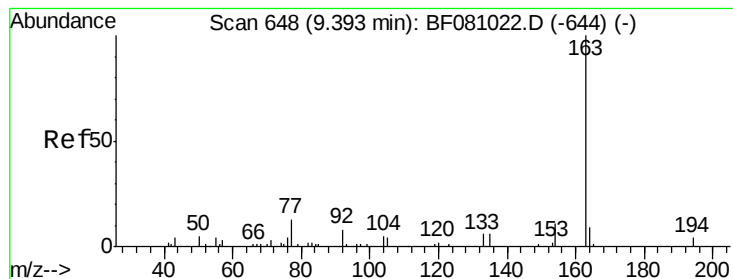
Tgt Ion: 65 Resp: 149787
Ion Ratio Lower Upper
65 100
92 67.5 45.6 68.4
138 102.1 57.9 86.9#



#48
Acenaphthylene
Concen: 34.04 ng
RT: 9.43 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

Tgt Ion: 152 Resp: 544418
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 12.4 9.8 14.6





#49

Dimethylphthalate

Concen: 38.13 ng

RT: 9.32 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

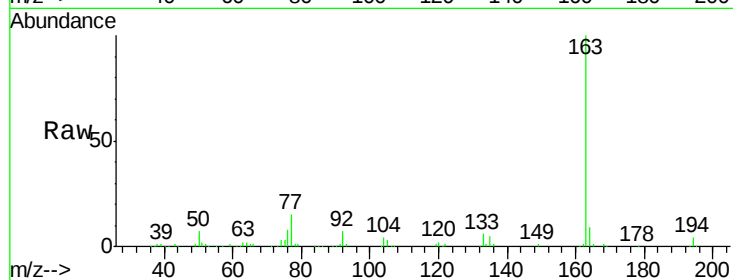
Tgt Ion:163 Resp: 396790

Ion Ratio Lower Upper

163 100

194 3.5 2.5 3.7

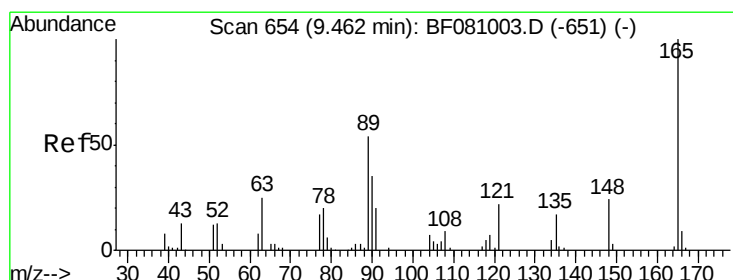
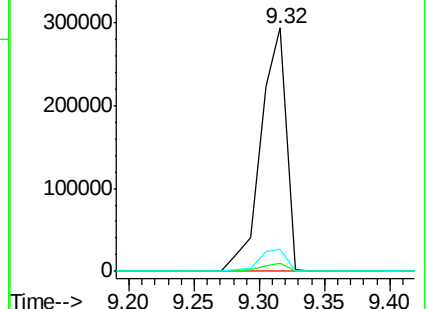
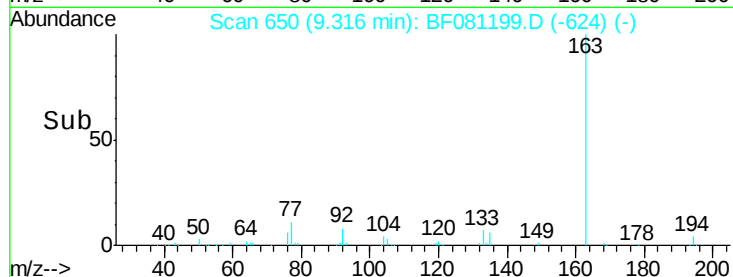
164 9.3 8.1 12.1



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: 33.79 ng

RT: 9.36 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

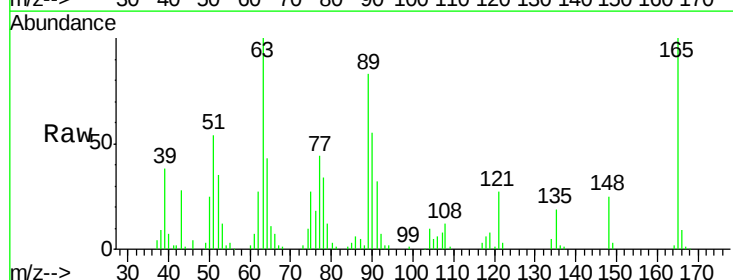
Tgt Ion:165 Resp: 75492

Ion Ratio Lower Upper

165 100

63 100.2 49.5 74.3#

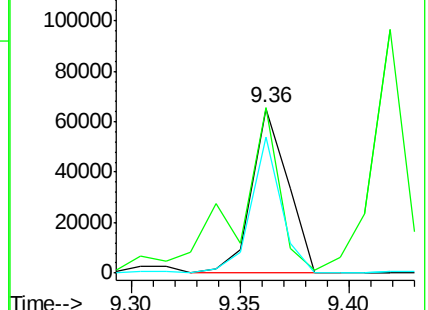
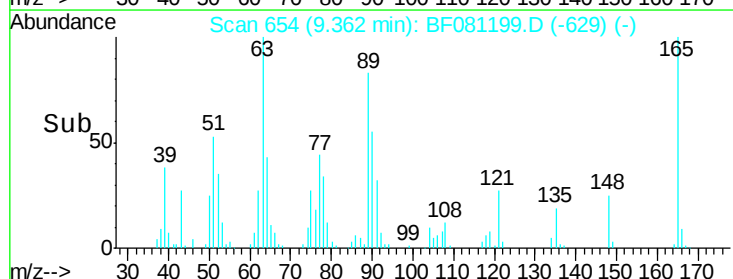
89 82.7 47.6 71.4#



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: 34.15 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

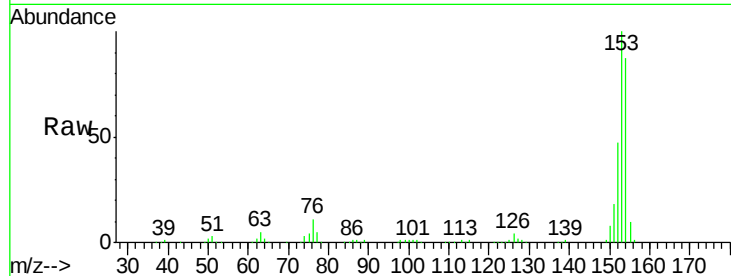
Tgt Ion:154 Resp: 327002

Ion Ratio Lower Upper

154 100

153 115.1 91.4 137.2

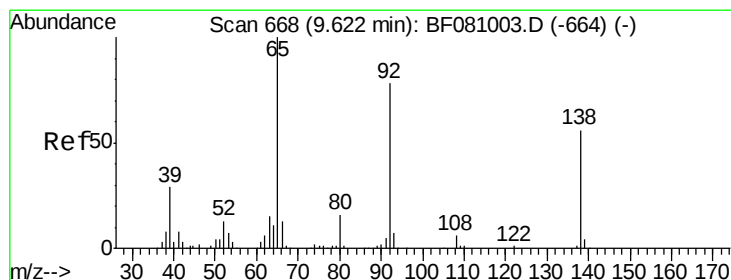
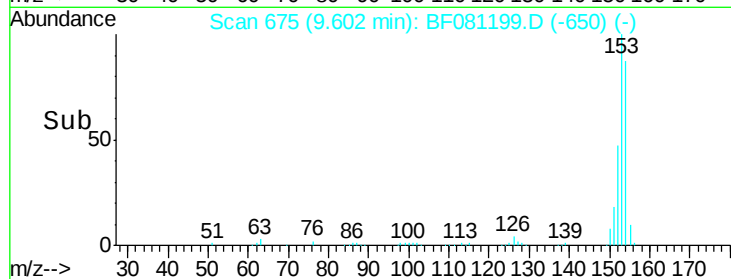
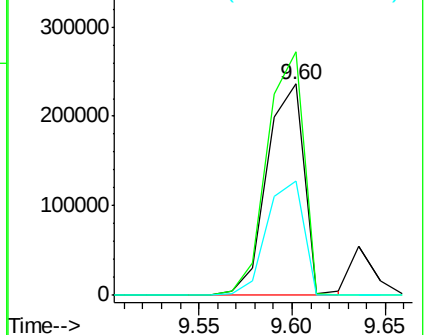
152 54.3 43.7 65.5



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: 24.50 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

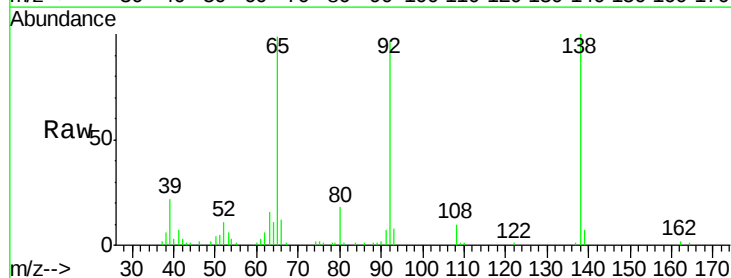
Tgt Ion:138 Resp: 68499

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.2

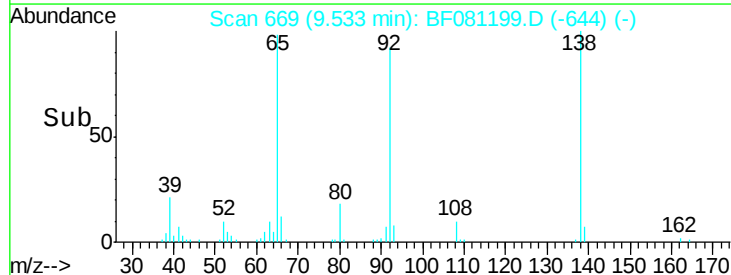
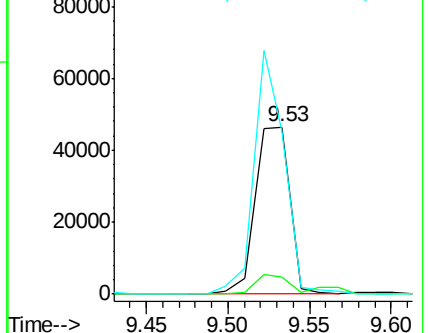
92 97.0 113.2 169.8#

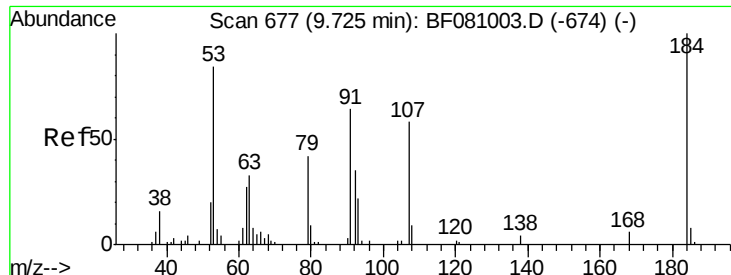


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

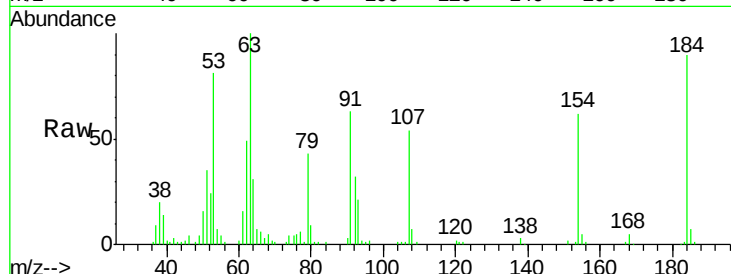




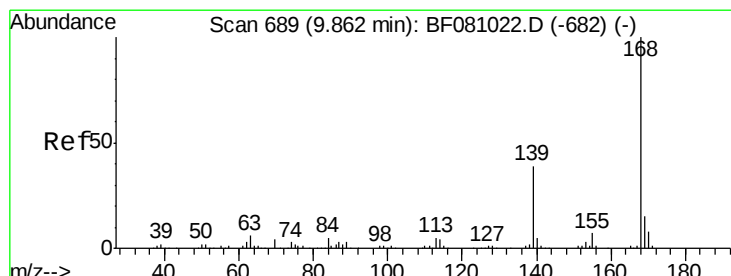
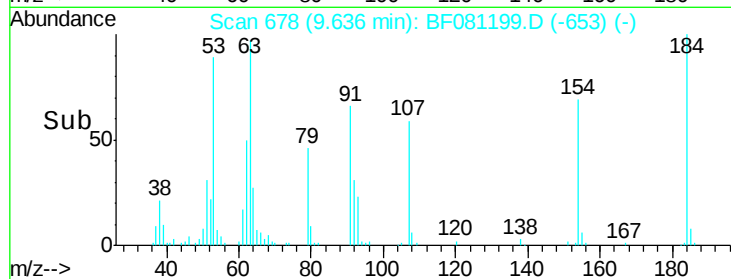
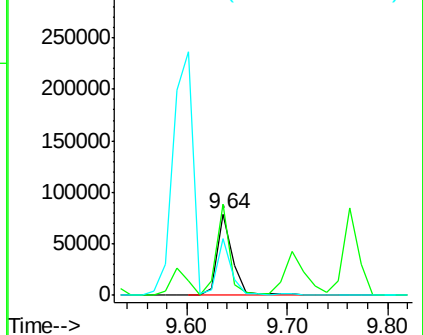
#53
2,4-Dinitrophenol
Concen: 71.04 ng
RT: 9.64 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

Instrument :
BNA_F
ClientSampleId :
PB85134BS

Tgt Ion:184 Resp: 86270
Ion Ratio Lower Upper
184 100
63 111.6 101.7 152.5
154 69.5 67.4 101.0

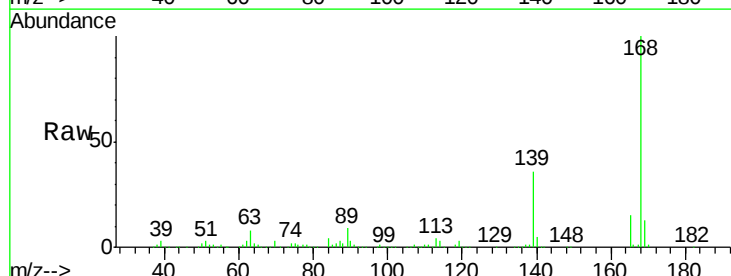


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

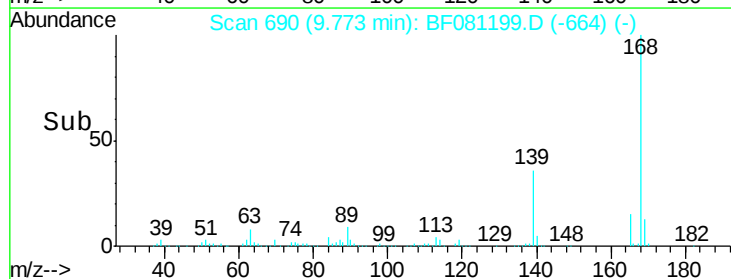
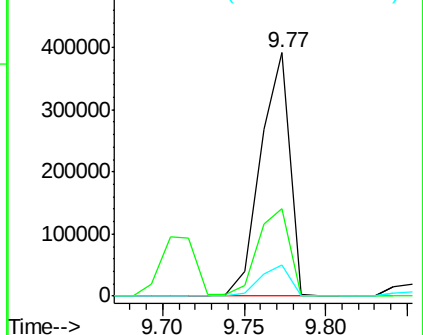


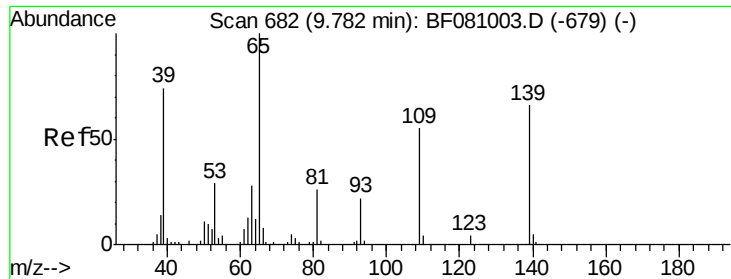
#54
Dibenzofuran
Concen: 37.79 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

Tgt Ion:168 Resp: 484921
Ion Ratio Lower Upper
168 100
139 35.7 29.3 43.9
169 12.7 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: 74.62 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

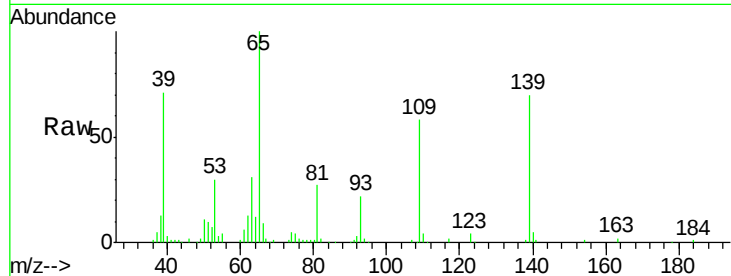
Tgt Ion:139 Resp: 146528

Ion Ratio Lower Upper

139 100

109 83.2 80.0 120.0

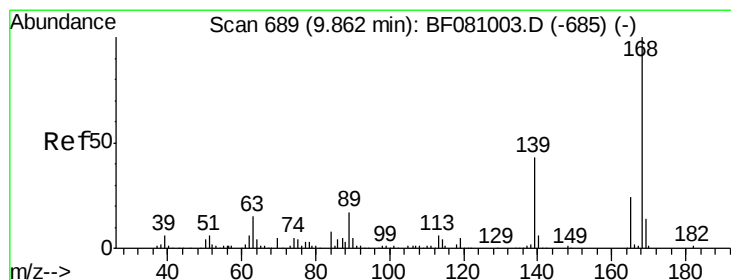
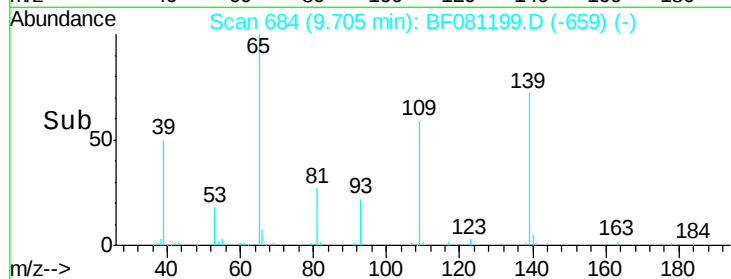
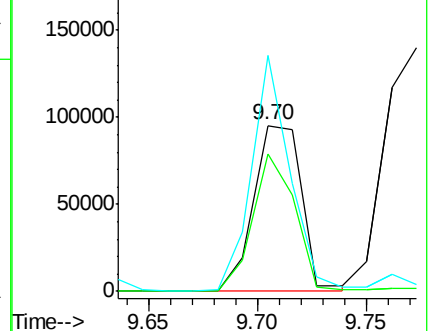
65 142.4 138.3 178.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 34.99 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Tgt Ion:165 Resp: 103622

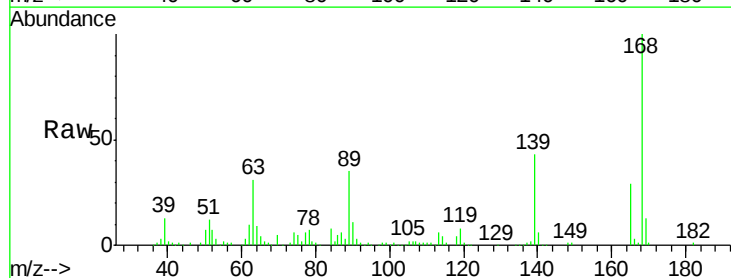
Ion Ratio Lower Upper

165 100

63 108.0 52.2 78.4#

89 118.8 60.1 90.1#

182 1.9 1.8 2.6

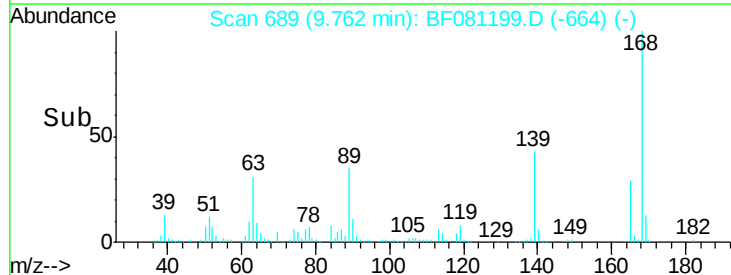
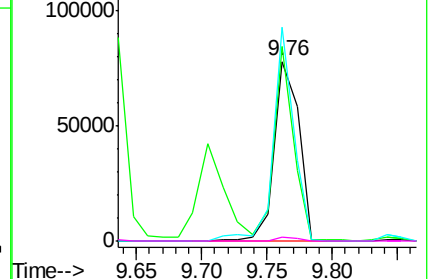


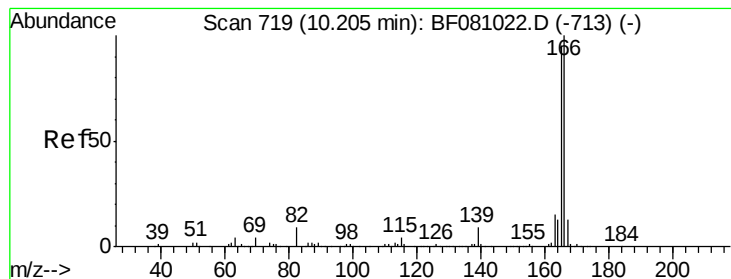
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.28 ng

RT: 10.10 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

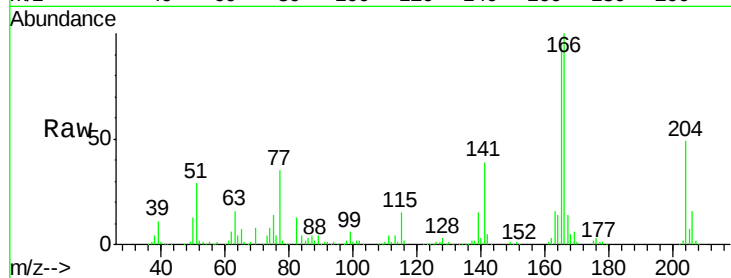
Tgt Ion:166 Resp: 328523

Ion Ratio Lower Upper

166 100

165 96.0 75.8 113.8

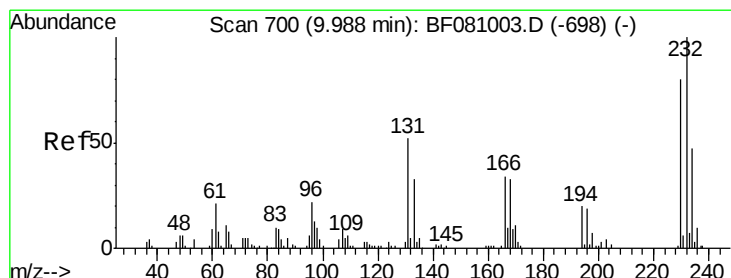
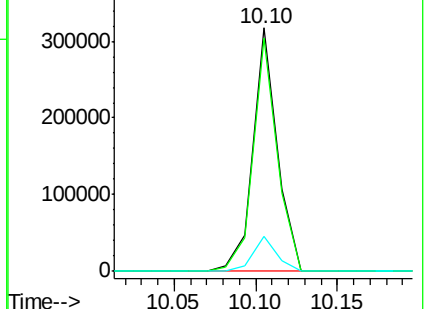
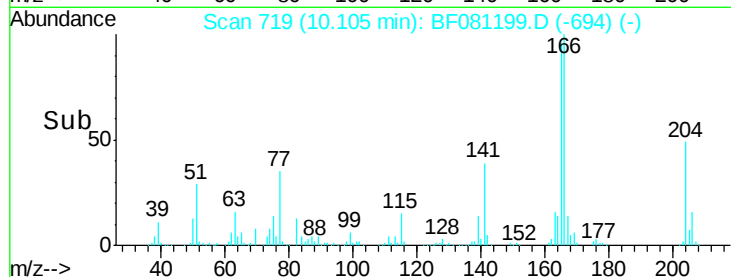
167 14.1 11.3 16.9



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: 36.55 ng m

RT: 9.89 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Tgt Ion:232 Resp: 81429

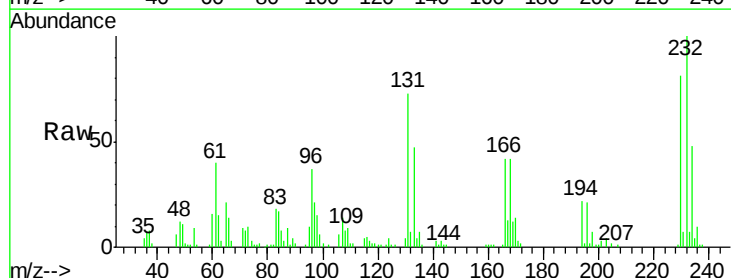
Ion Ratio Lower Upper

232 100

131 50.6 42.2 63.4

130 2.8 2.1 3.1

166 29.2 22.4 33.6

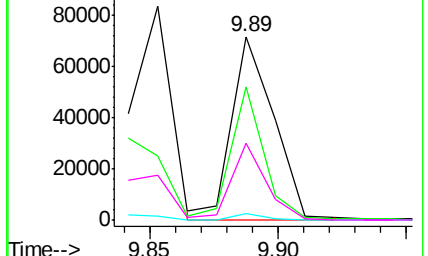
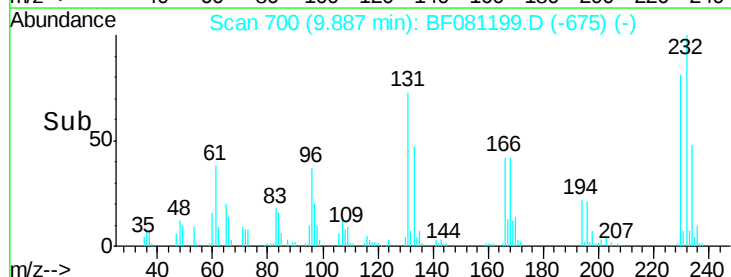


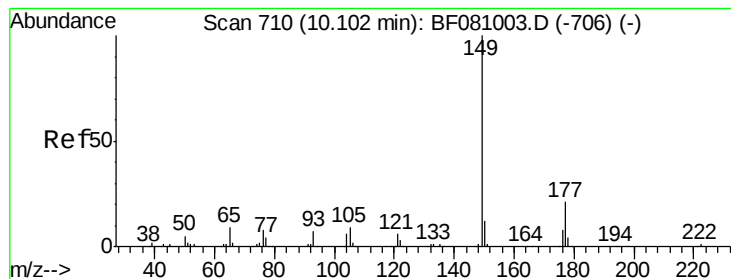
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.85 ng

RT: 10.00 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

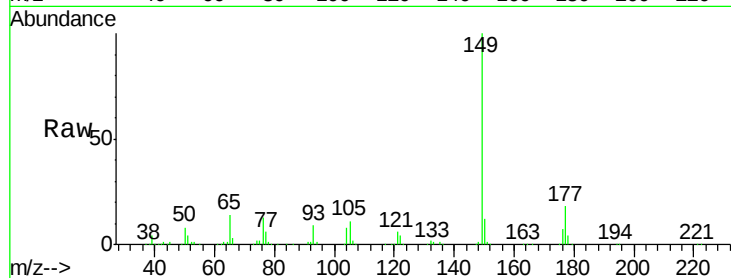
Tgt Ion:149 Resp: 405896

Ion Ratio Lower Upper

149 100

177 18.4 14.1 21.1

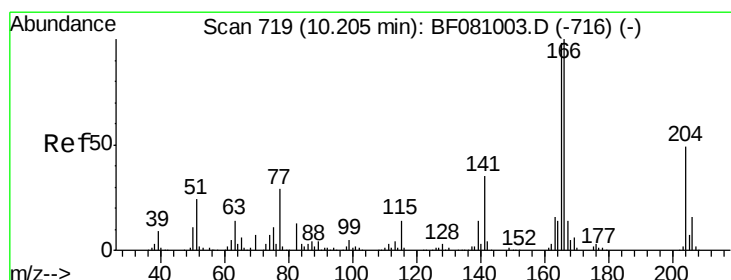
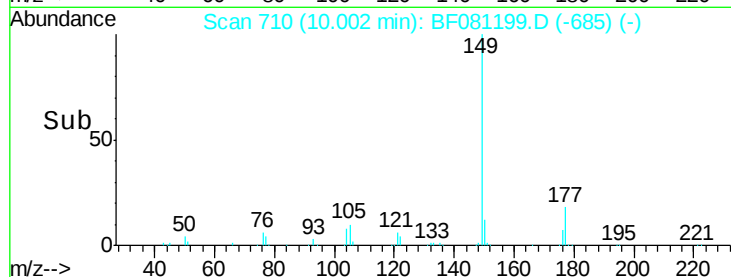
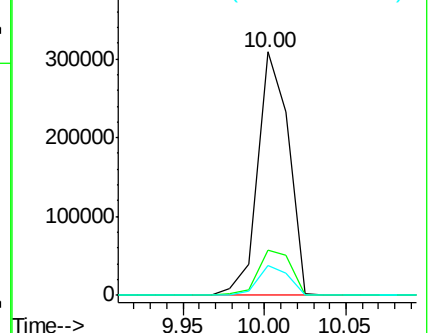
150 12.5 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.44 ng

RT: 10.10 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

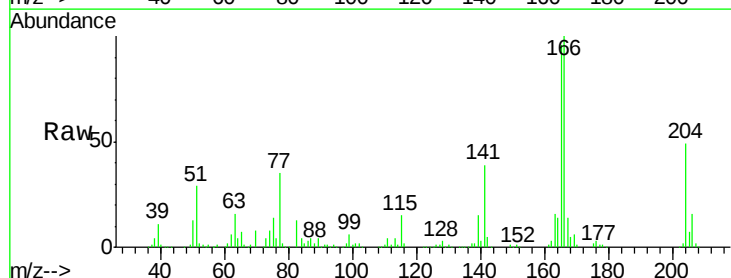
Tgt Ion:204 Resp: 152184

Ion Ratio Lower Upper

204 100

206 31.9 26.2 39.2

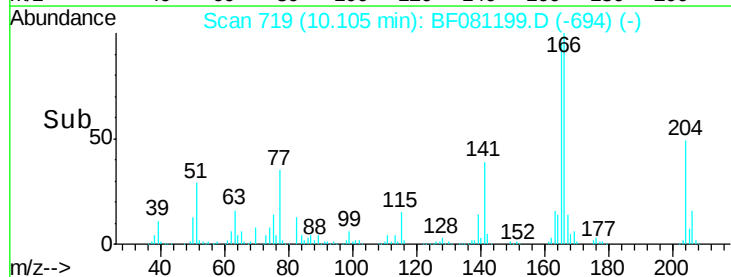
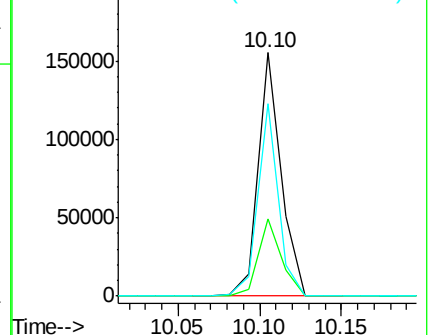
141 78.8 59.6 89.4

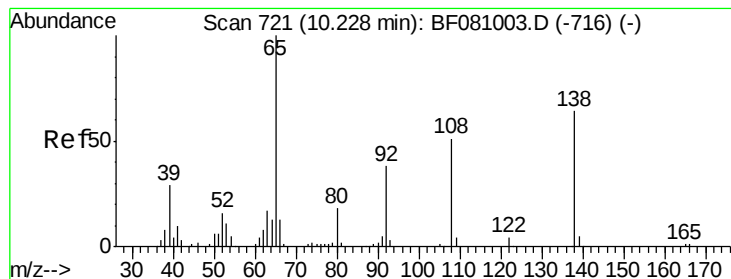


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.60 ng

RT: 10.14 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

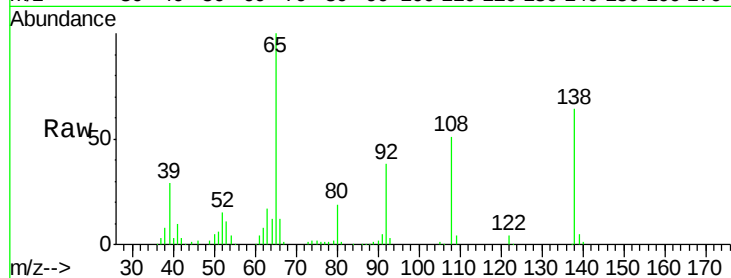
Tgt Ion:138 Resp: 87438

Ion Ratio Lower Upper

138 100

92 59.5 34.7 74.7

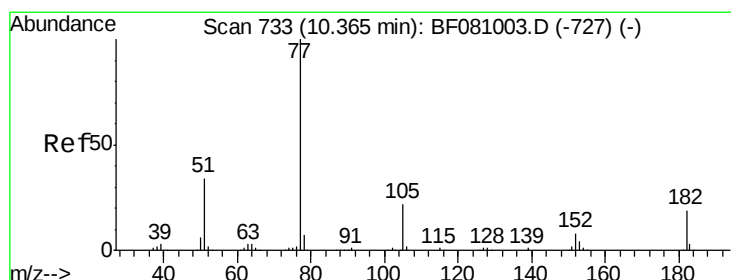
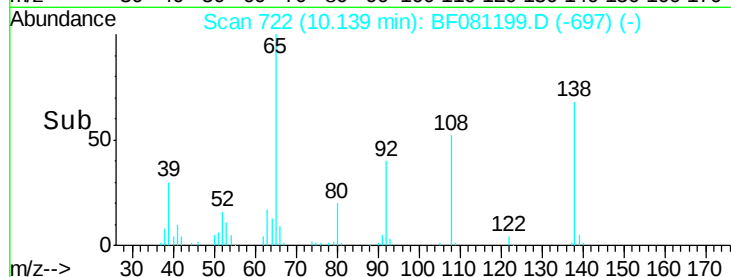
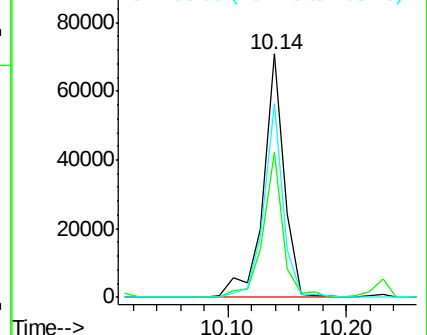
108 79.4 68.9 108.9



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: 38.81 ng

RT: 10.26 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Tgt Ion: 77 Resp: 492509

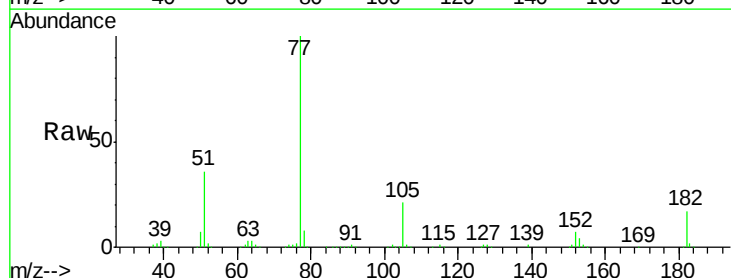
Ion Ratio Lower Upper

77 100

182 16.7 0.0 39.0

105 21.1 0.2 40.2

51 36.1 18.0 58.0

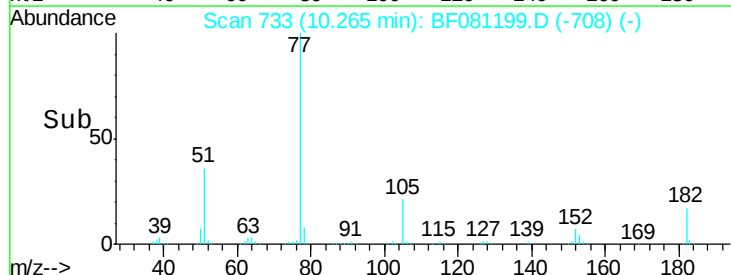
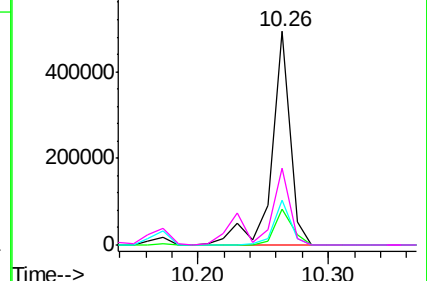


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

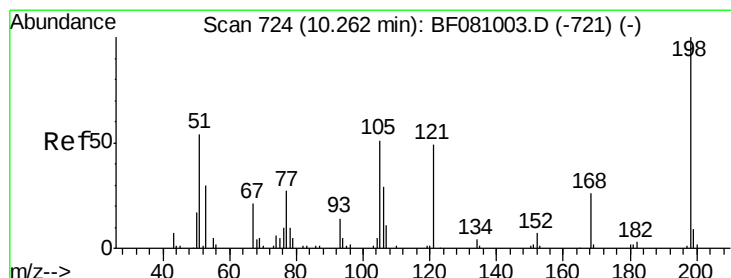
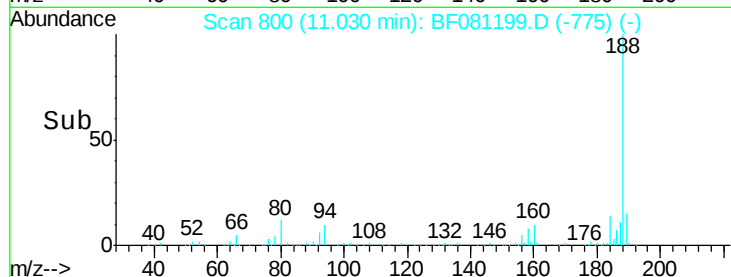
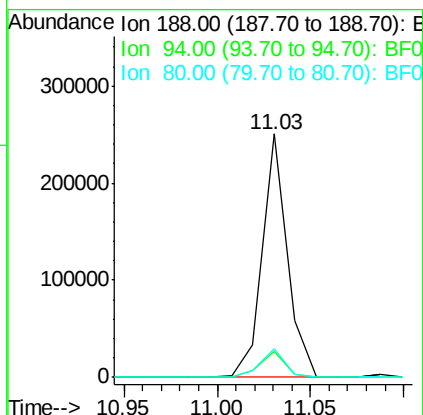
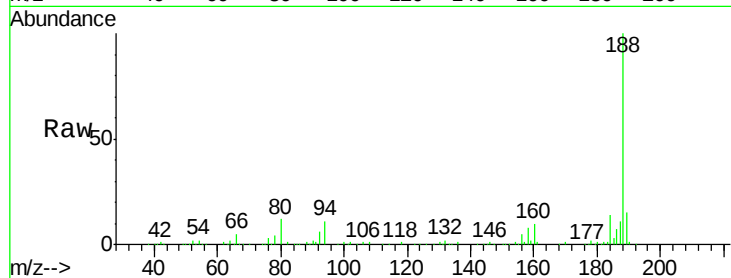




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.03 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

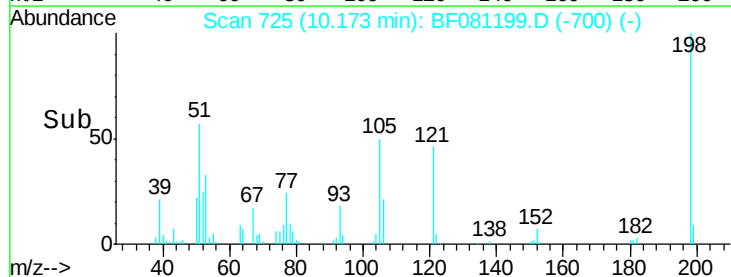
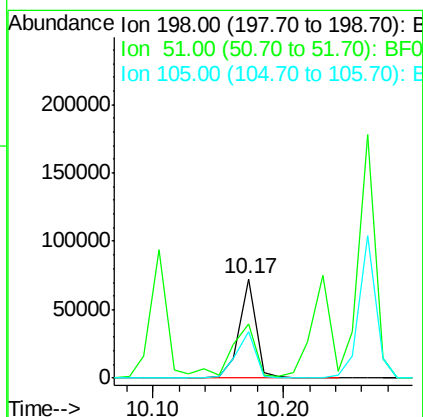
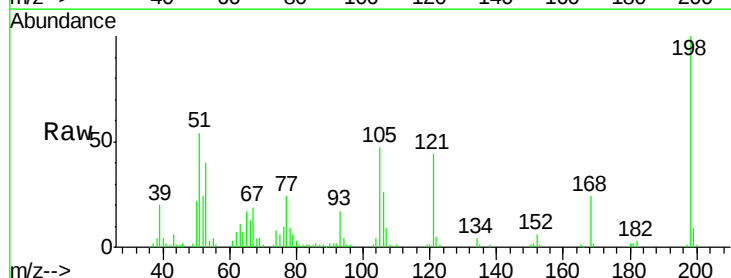
Instrument :
 BNA_F
 ClientSampleId :
 PB85134BS

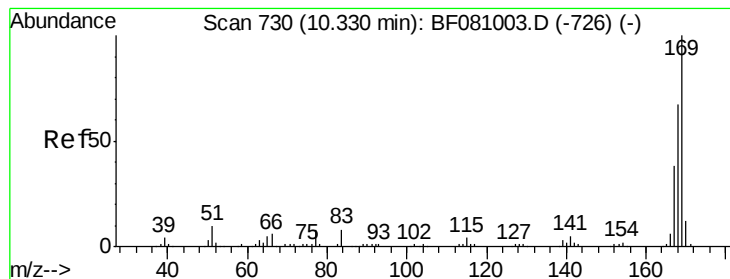
Tgt Ion:188 Resp: 236894
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.2 12.2
 80 11.5 9.5 14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.28 ng
 RT: 10.17 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Tgt Ion:198 Resp: 64064
 Ion Ratio Lower Upper
 198 100
 51 54.2 79.7 119.7#
 105 47.0 47.0 87.0





#65

n-Nitrosodiphenylamine

Concen: 39.06 ng

RT: 10.23 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

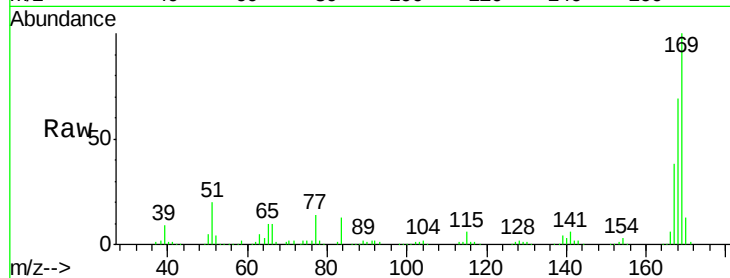
Tgt Ion:169 Resp: 330337

Ion Ratio Lower Upper

169 100

168 68.9 55.3 82.9

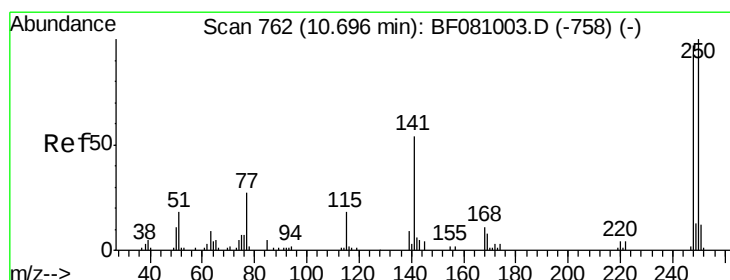
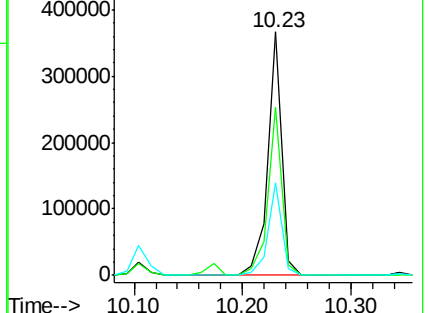
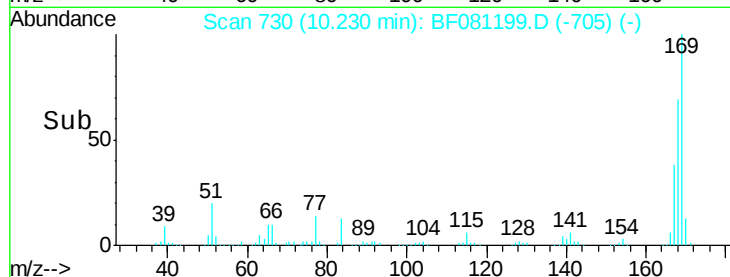
167 38.1 30.8 46.2



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: 41.51 ng

RT: 10.60 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

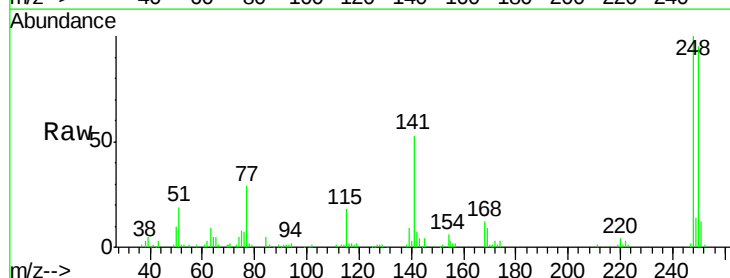
Tgt Ion:248 Resp: 96612

Ion Ratio Lower Upper

248 100

250 94.8 77.8 116.6

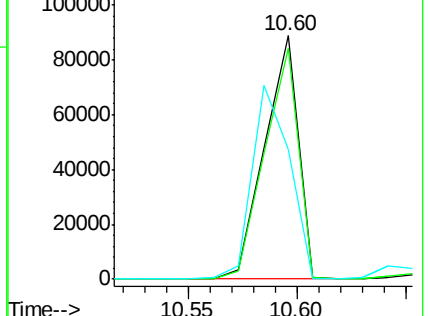
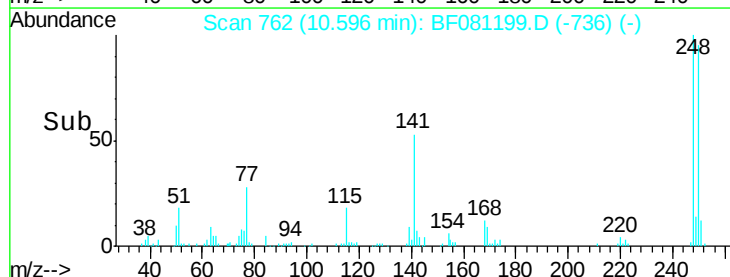
141 53.0 39.8 59.6

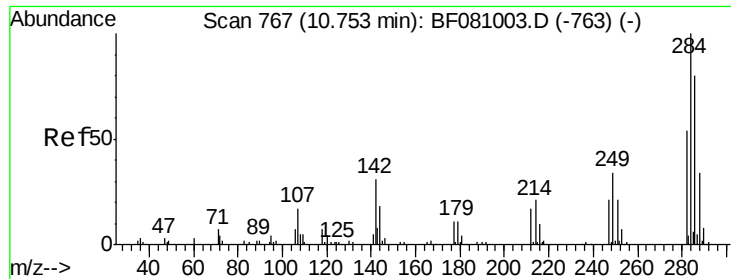


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

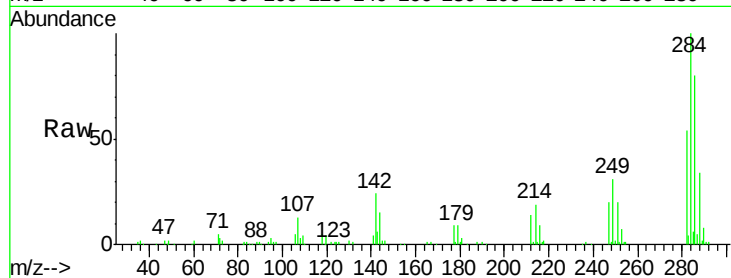




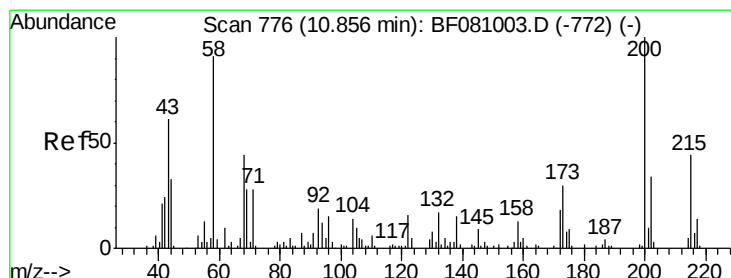
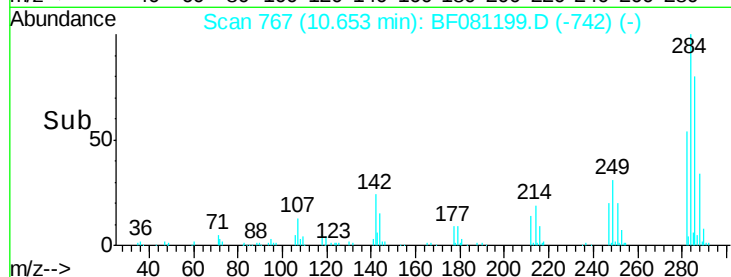
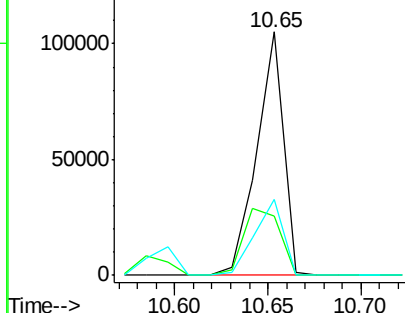
#67
Hexachlorobenzene
Concen: 43.92 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

Instrument :
BNA_F
ClientSampled :
PB85134BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.2	25.4	38.0#
249	31.4	28.5	42.7

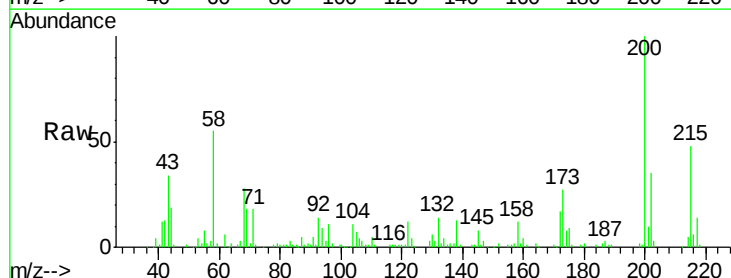


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

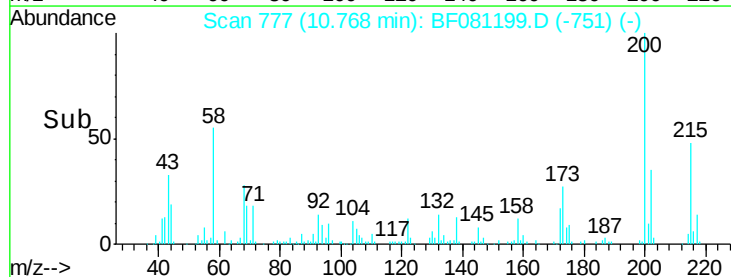
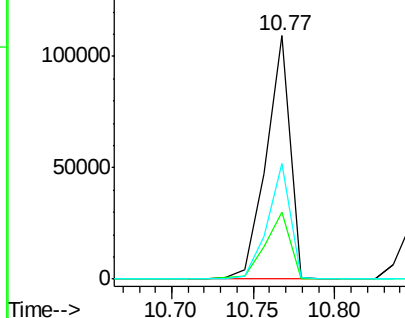


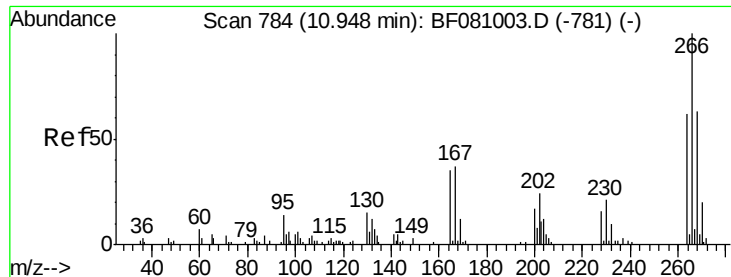
#68
Atrazine
Concen: 47.30 ng
RT: 10.77 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.1	48.1
215	47.7	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

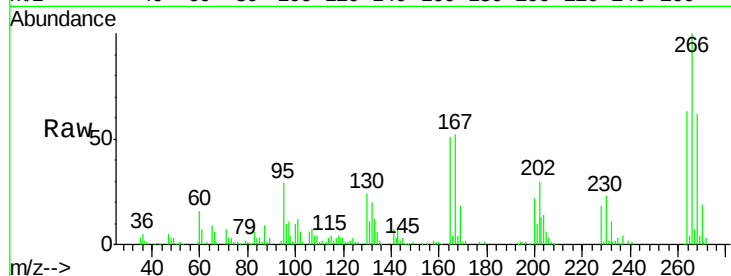




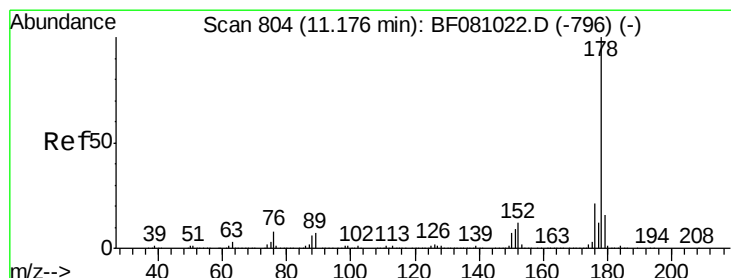
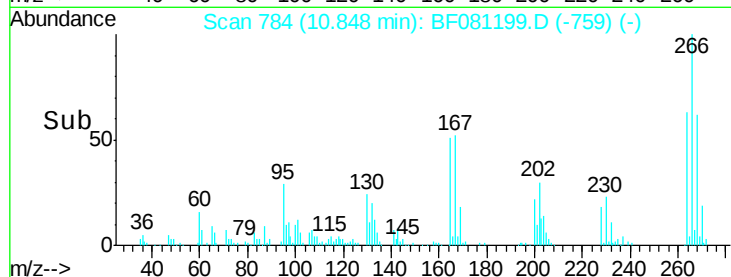
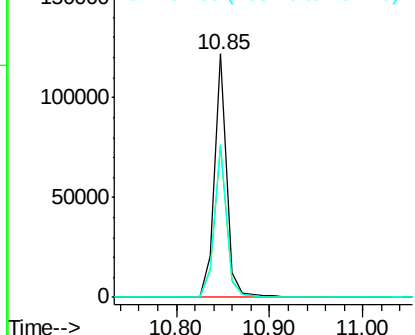
#69
 Pentachlorophenol
 Concen: 78.30 ng
 RT: 10.85 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Instrument :
 BNA_F
 ClientSampleId :
 PB85134BS

Tgt Ion:266 Resp: 110721
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.2 76.8
 264 62.8 50.6 75.8

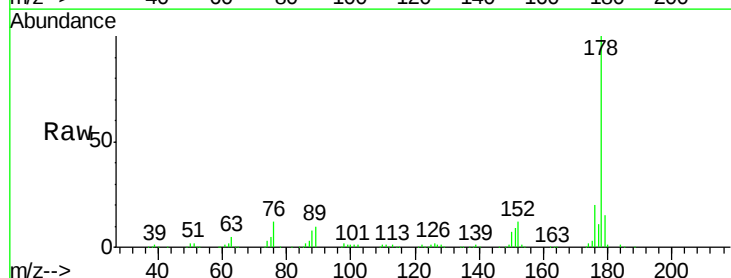


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

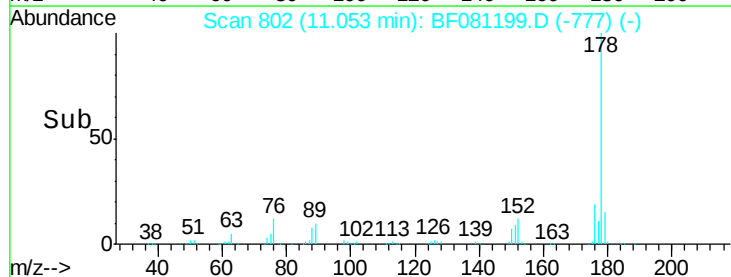
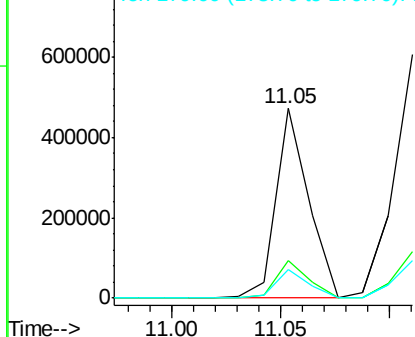


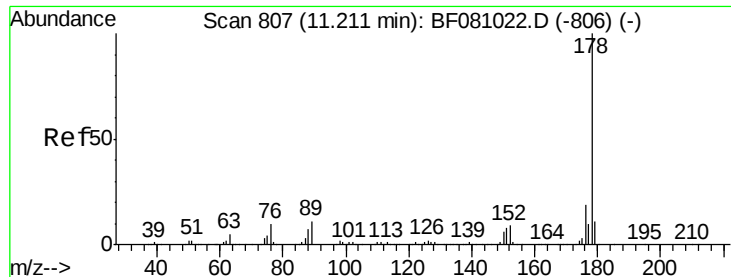
#70
 Phenanthrene
 Concen: 35.33 ng
 RT: 11.05 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Tgt Ion:178 Resp: 496001
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 15.3 12.2 18.2



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

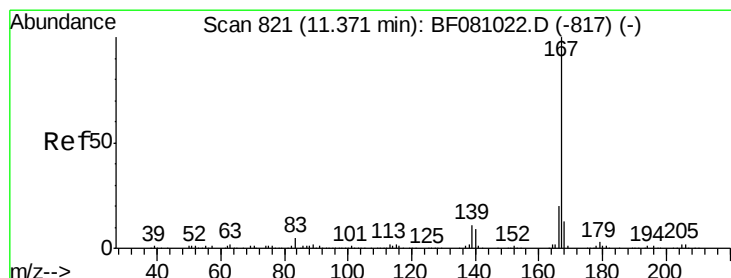
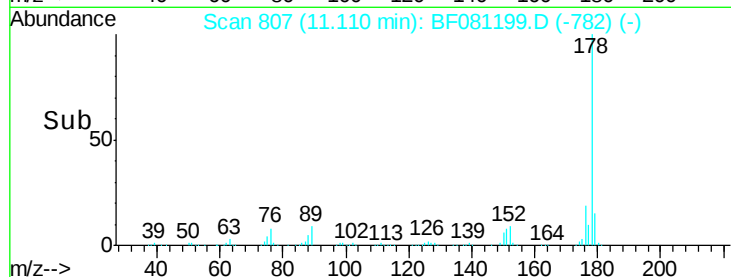
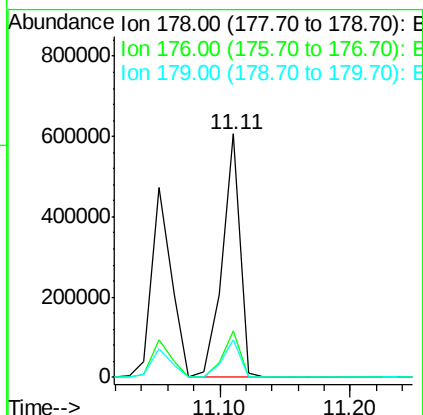
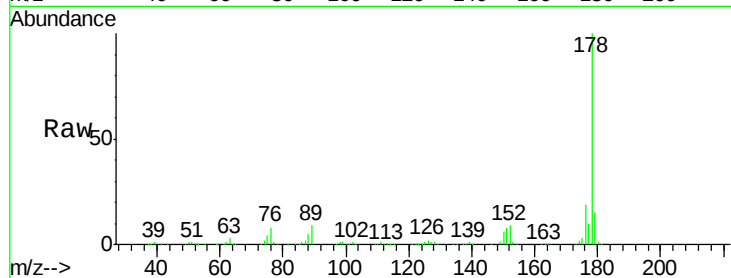




#71
 Anthracene
 Concen: 42.02 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

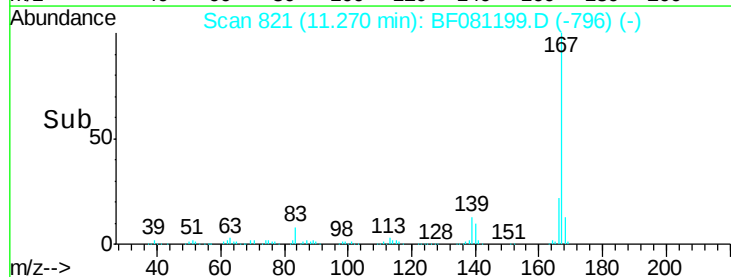
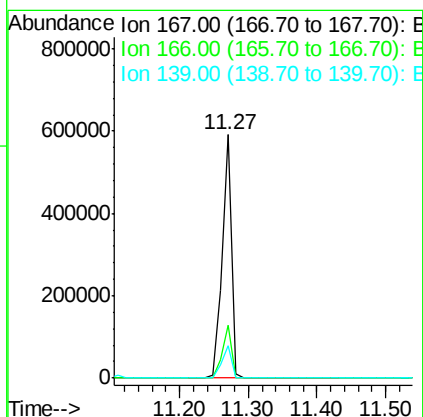
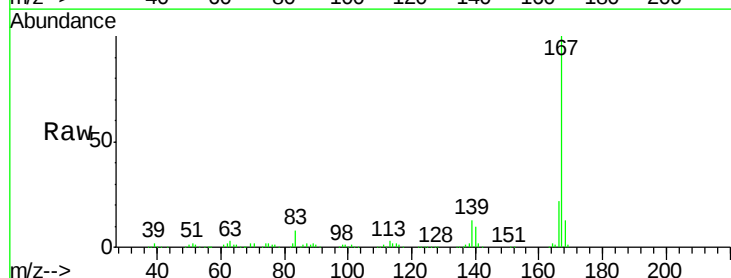
Instrument :
 BNA_F
 ClientSampleId :
 PB85134BS

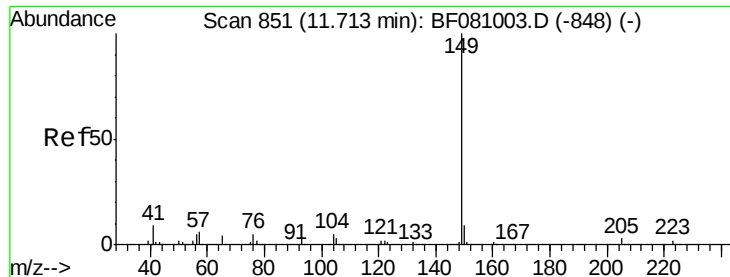
Tgt Ion:178 Resp: 574111
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.7 23.5
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 43.36 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Tgt Ion:167 Resp: 570372
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.4 10.6 16.0

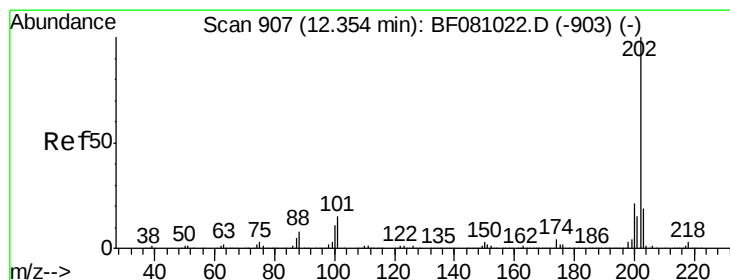
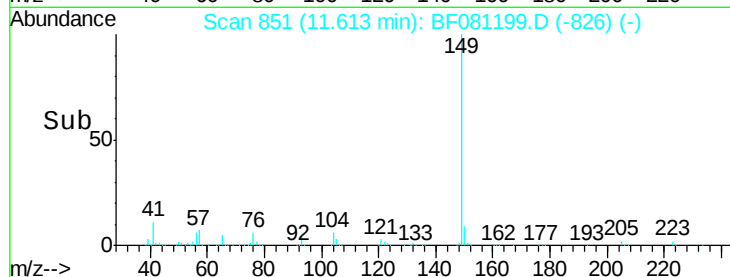
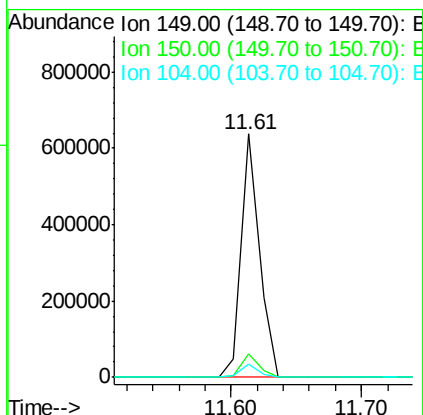
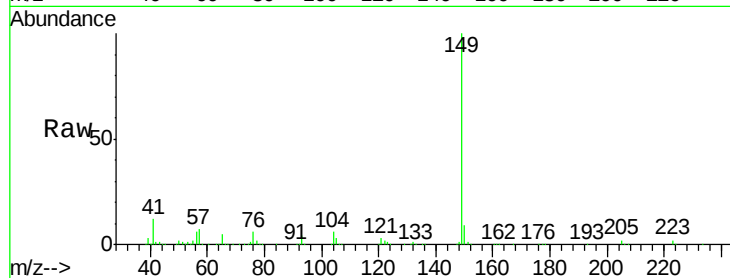




#73
Di-n-butylphthalate
Concen: 38.83 ng
RT: 11.61 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

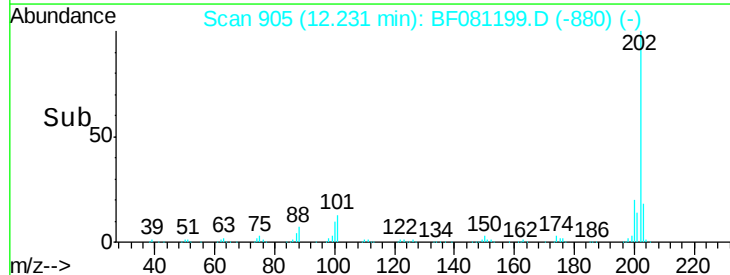
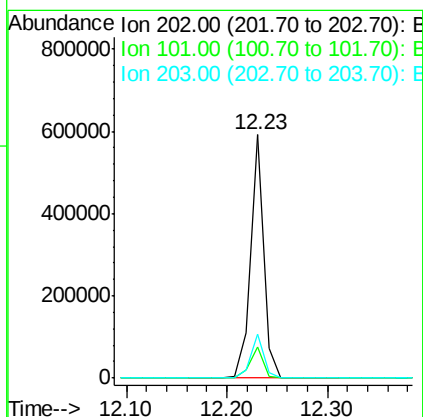
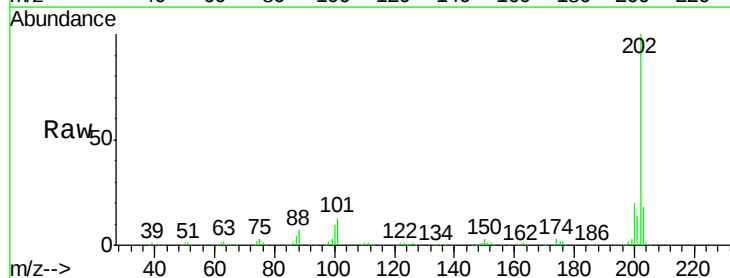
Instrument :
BNA_F
ClientSampleId :
PB85134BS

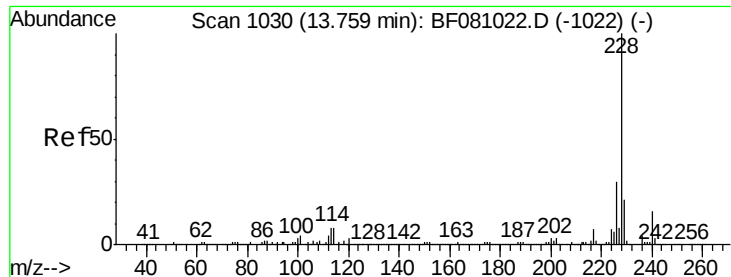
Tgt Ion:149 Resp: 617961
Ion Ratio Lower Upper
149 100
150 9.5 7.1 10.7
104 5.6 3.9 5.9



#74
Fluoranthene
Concen: 35.53 ng
RT: 12.23 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

Tgt Ion:202 Resp: 538260
Ion Ratio Lower Upper
202 100
101 12.9 0.0 24.8
203 18.1 0.0 36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

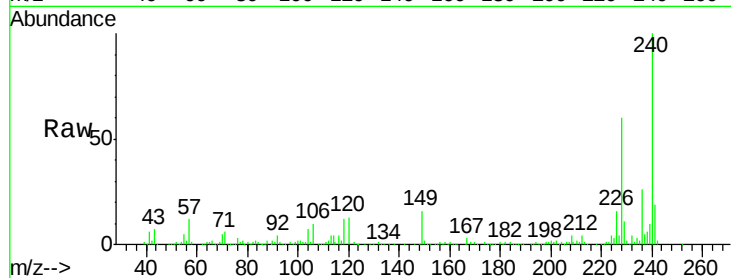
Tgt Ion:240 Resp: 200287

Ion Ratio Lower Upper

240 100

120 13.0 5.6 8.4#

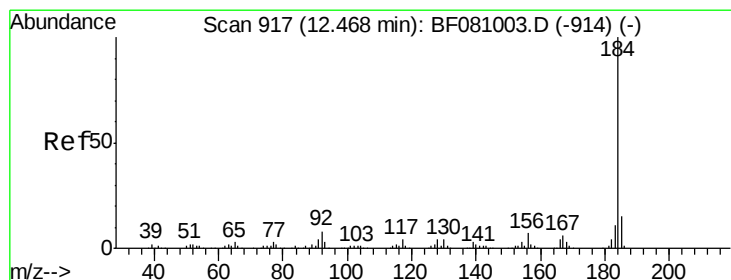
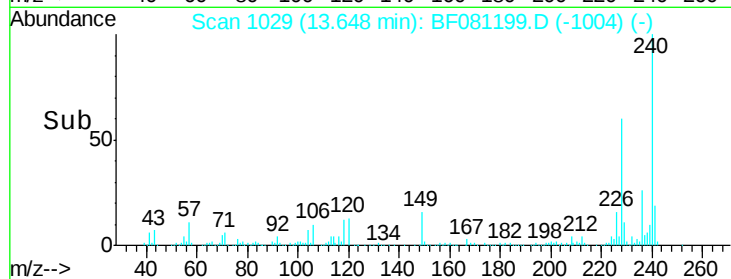
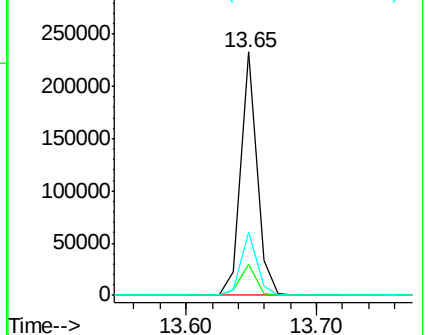
236 26.0 20.6 30.8



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: 42.10 ng

RT: 12.37 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

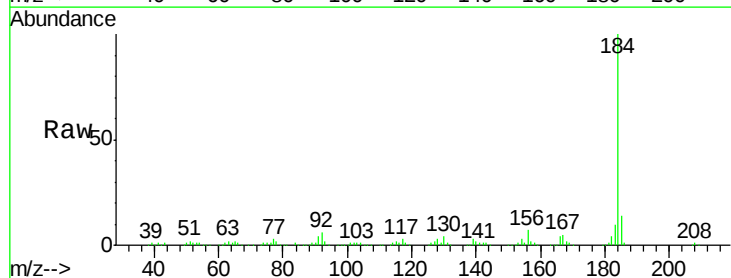
Tgt Ion:184 Resp: 318559

Ion Ratio Lower Upper

184 100

185 13.9 12.0 18.0

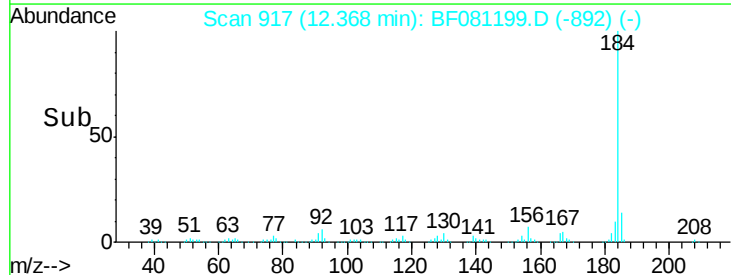
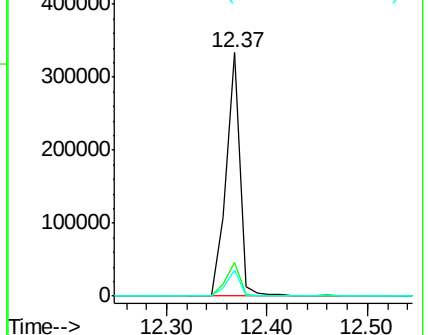
183 10.5 8.9 13.3

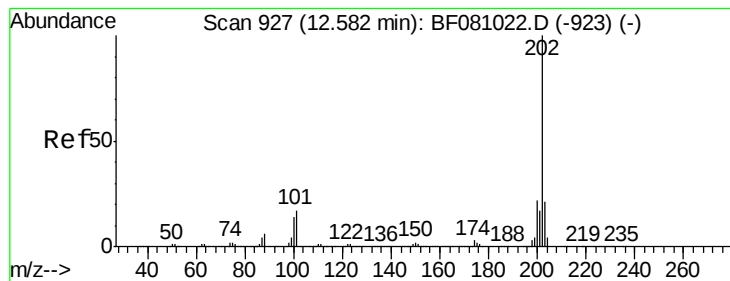


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.31 ng

RT: 12.46 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

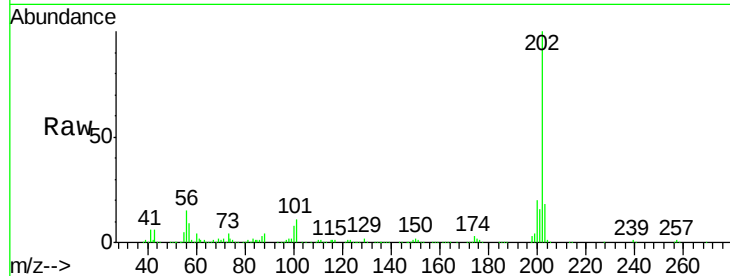
Tgt Ion:202 Resp: 623792

Ion Ratio Lower Upper

202 100

200 20.3 16.6 24.8

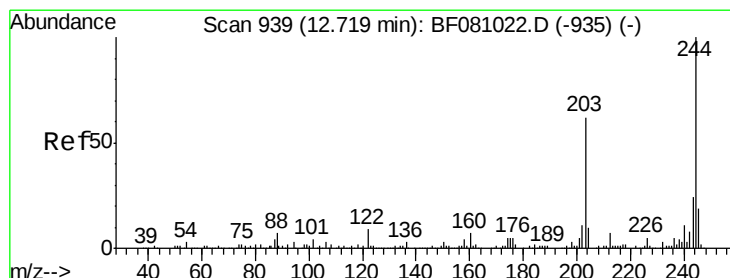
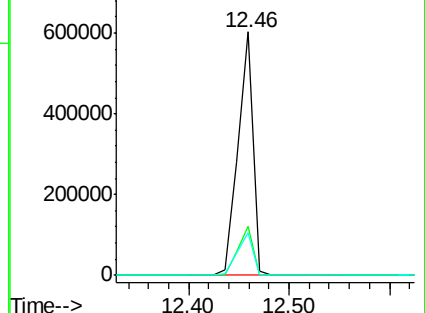
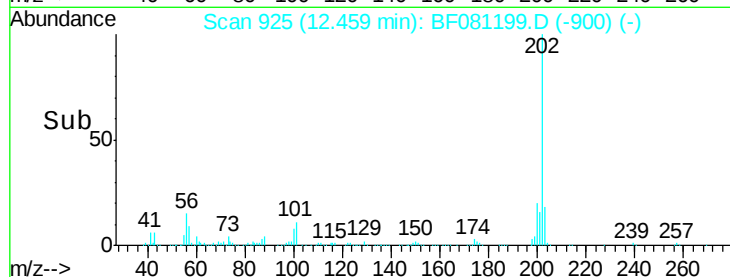
203 17.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.28 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

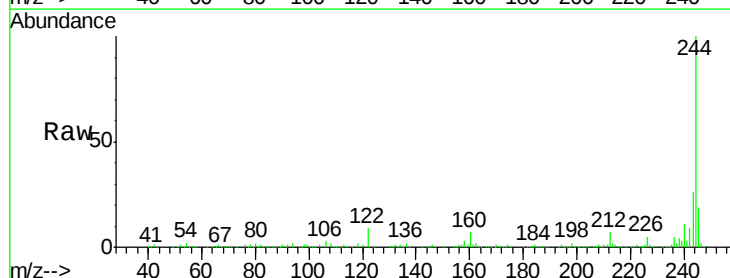
Tgt Ion:244 Resp: 684610

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

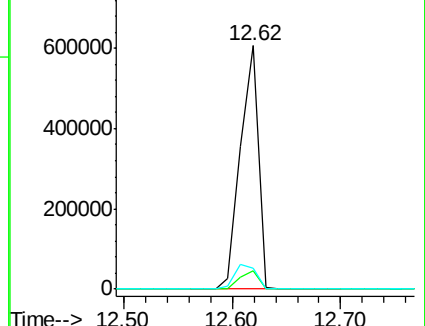
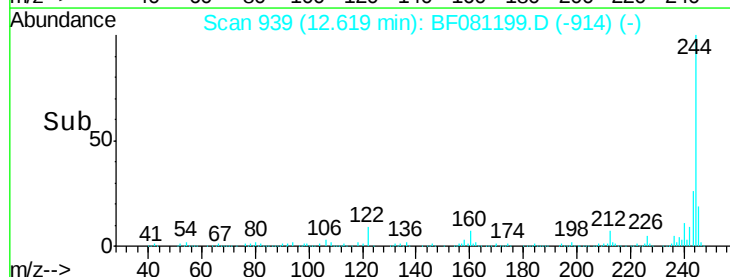
122 8.5 8.2 12.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

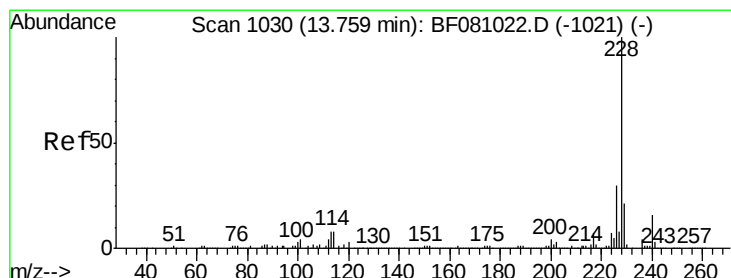
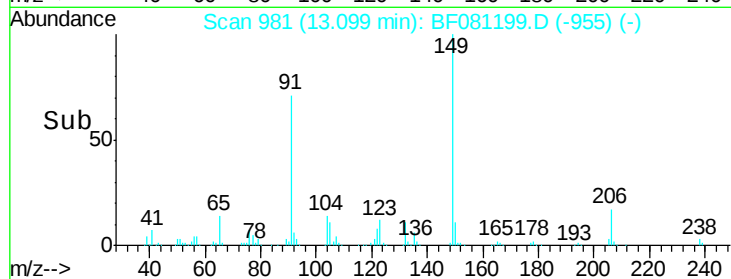
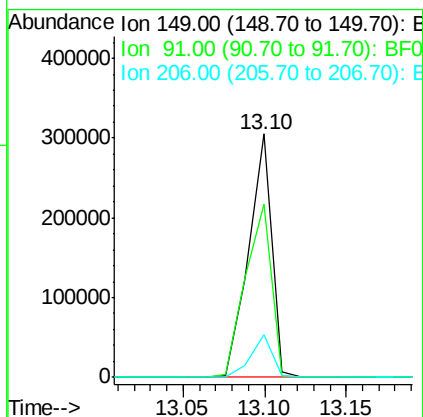
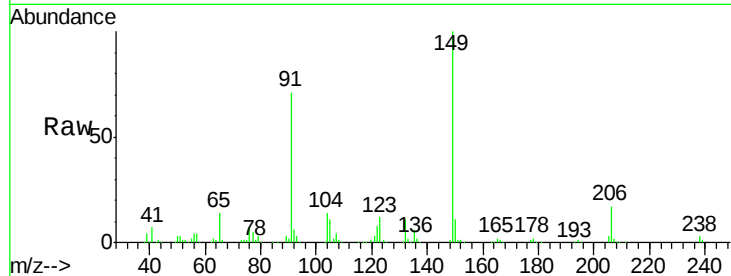




#79
Butylbenzylphthalate
Concen: 42.74 ng
RT: 13.10 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

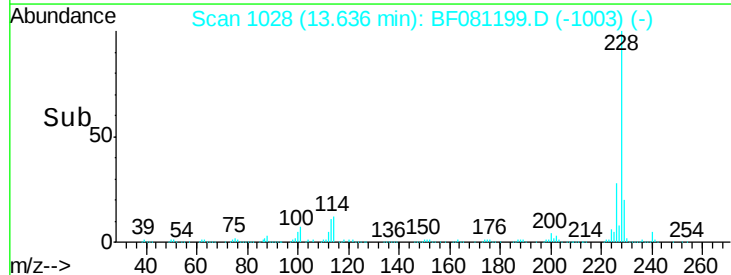
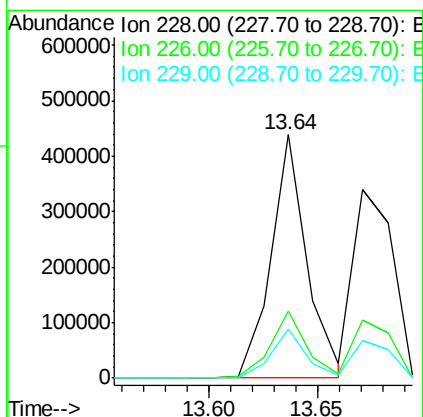
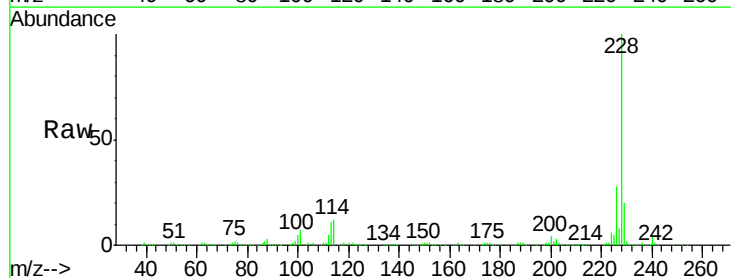
Instrument :
BNA_F
ClientSampleId :
PB85134BS

Tgt Ion:149 Resp: 299161
Ion Ratio Lower Upper
149 100
91 71.2 46.9 70.3#
206 17.3 17.0 25.4



#80
Benzo(a)anthracene
Concen: 37.68 ng
RT: 13.64 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

Tgt Ion:228 Resp: 506142
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.9 15.9 23.9

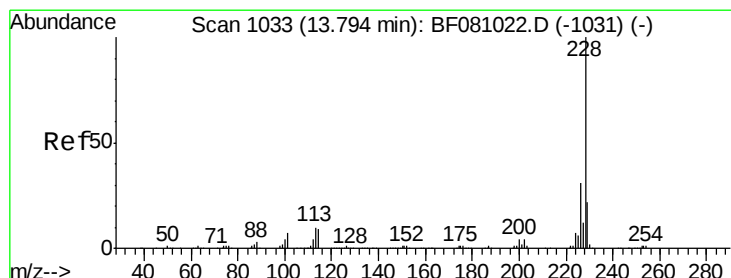
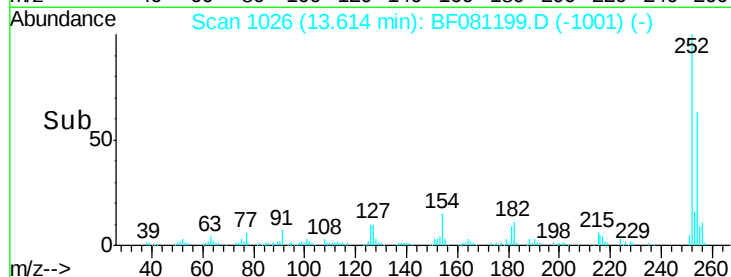
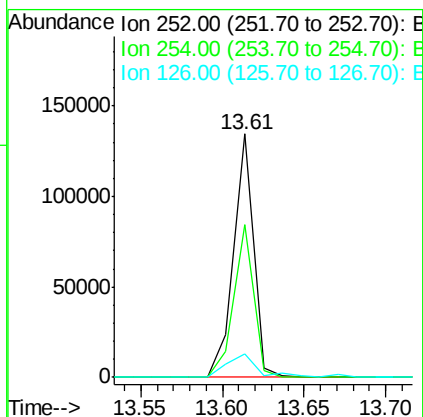
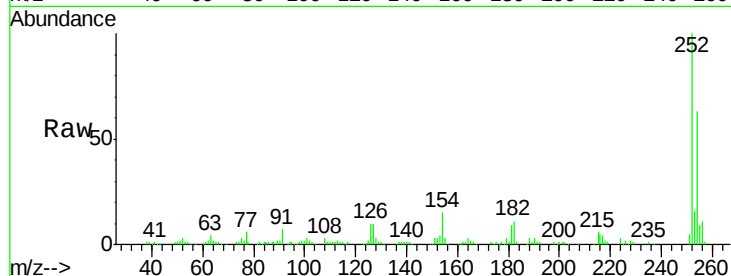




#81
 3,3'-Dichlorobenzidine
 Concen: 25.99 ng
 RT: 13.61 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

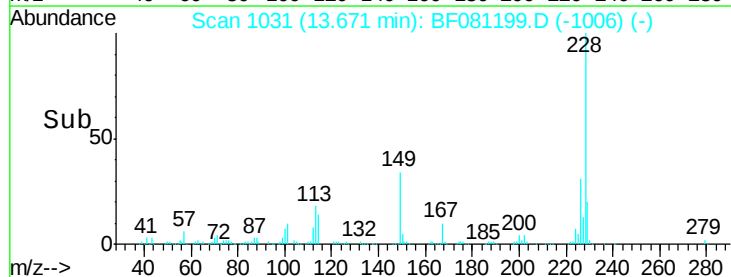
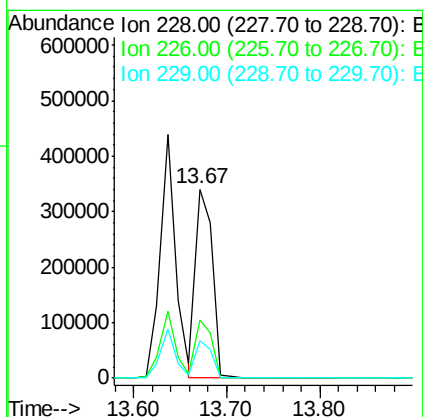
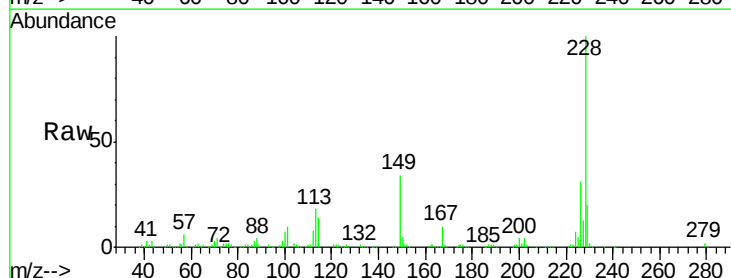
Instrument :
 BNA_F
 ClientSampleId :
 PB85134BS

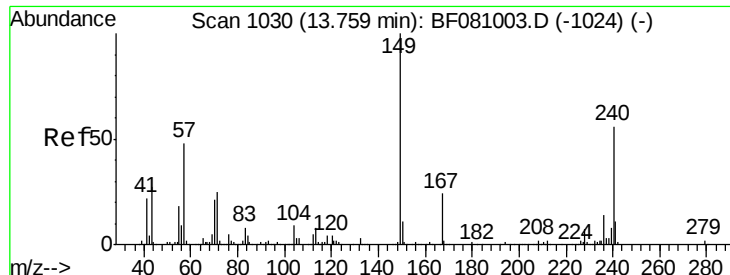
Tgt Ion: 252 Resp: 113088
 Ion Ratio Lower Upper
 252 100
 254 62.9 51.5 77.3
 126 9.6 12.5 18.7#



#82
 Chrysene
 Concen: 35.87 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Tgt Ion: 228 Resp: 434212
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.4 36.6
 229 19.8 16.0 24.0

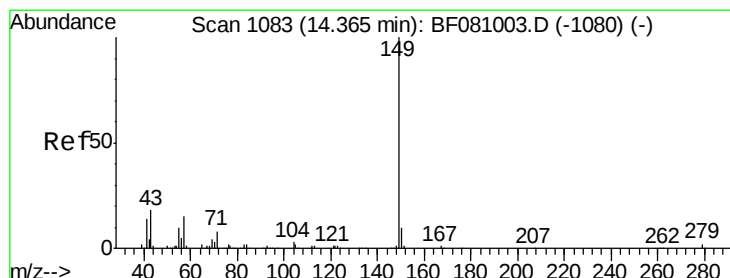
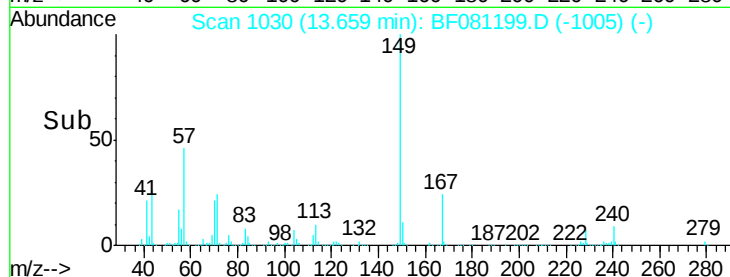
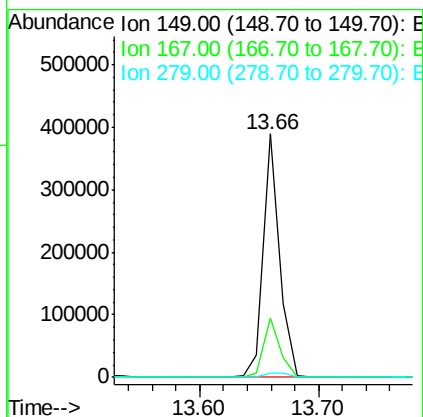
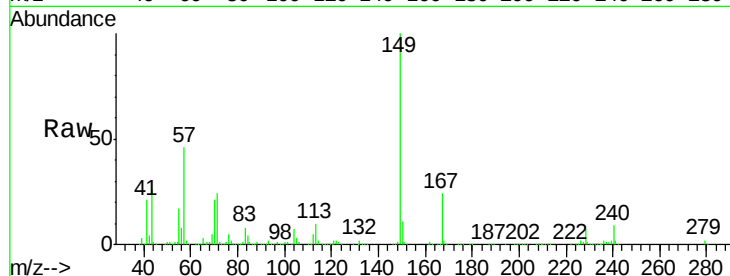




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.91 ng
 RT: 13.66 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

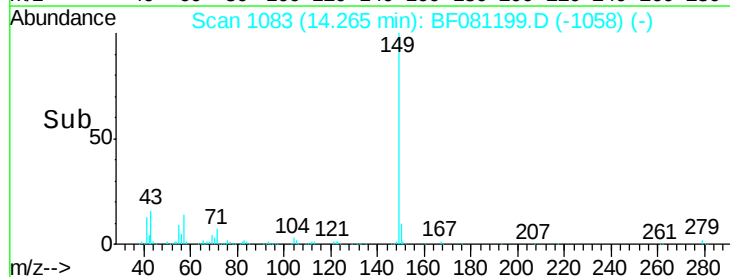
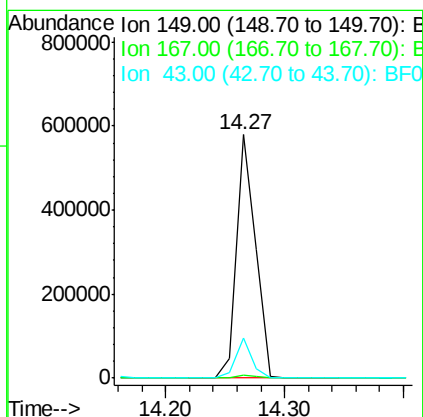
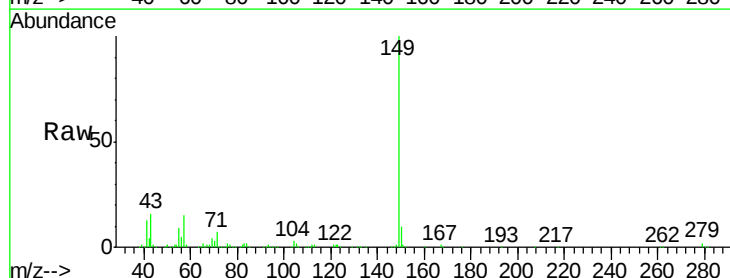
Instrument :
 BNA_F
 ClientSampleId :
 PB85134BS

Tgt Ion:149 Resp: 375681
 Ion Ratio Lower Upper
 149 100
 167 24.2 20.7 31.1
 279 1.6 2.2 3.4#



#84
 Di-n-octyl phthalate
 Concen: 47.41 ng
 RT: 14.27 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF081199.D
 Acq: 25 Aug 2015 13:21

Tgt Ion:149 Resp: 646013
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 13.8 11.6 17.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.10 ng

RT: 16.15 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

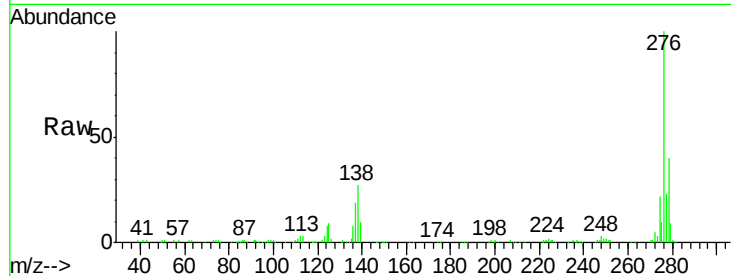
Tgt Ion:276 Resp: 383299

Ion Ratio Lower Upper

276 100

138 29.3 18.6 28.0#

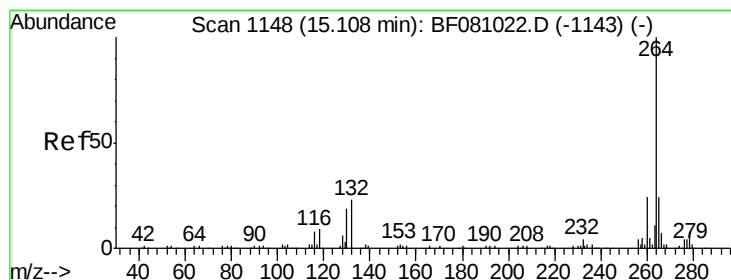
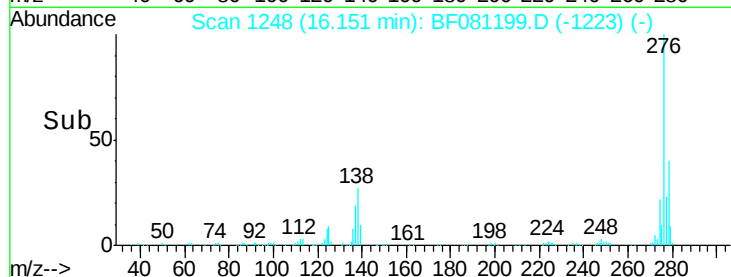
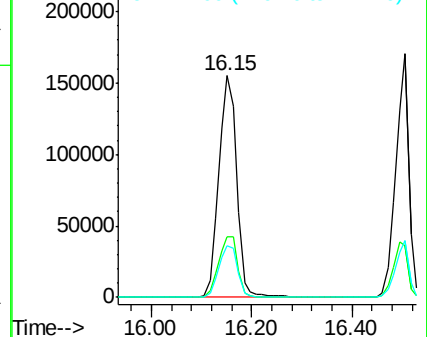
277 24.3 19.8 29.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.97 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

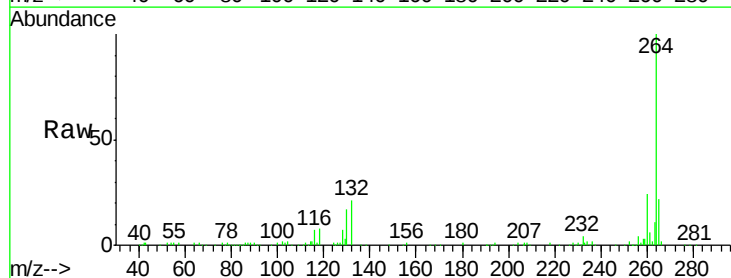
Tgt Ion:264 Resp: 161057

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

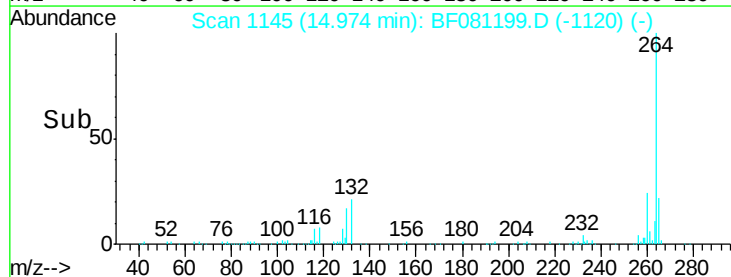
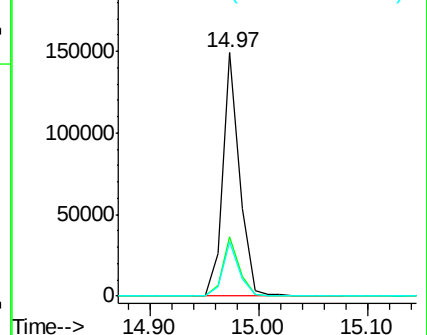
265 22.5 17.5 26.3

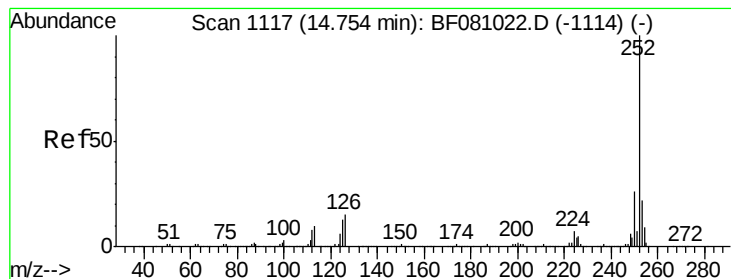


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.55 ng m

RT: 14.63 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS

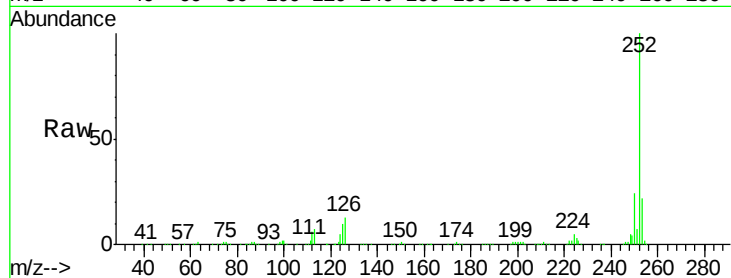
Tgt Ion:252 Resp: 473322

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

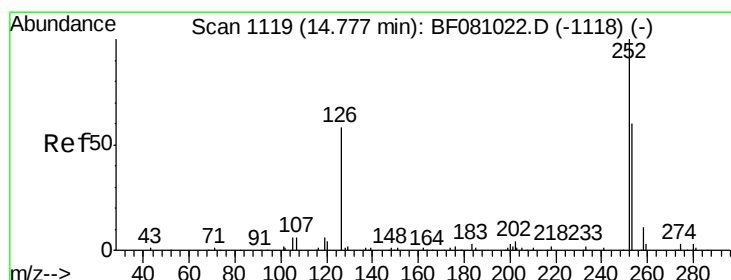
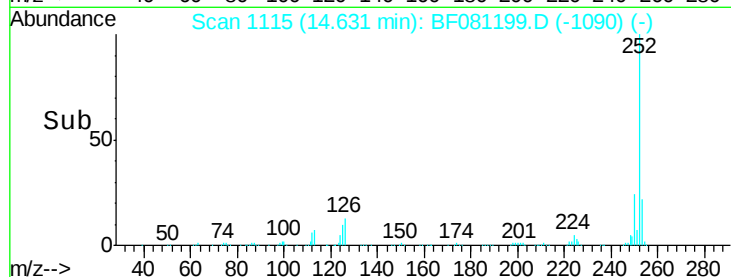
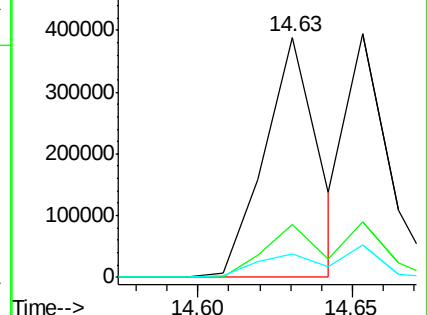
125 10.0 8.0 12.0



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: 33.17 ng m

RT: 14.65 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF081199.D

Acq: 25 Aug 2015 13:21

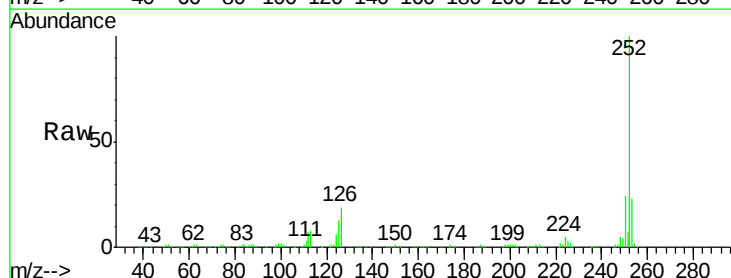
Tgt Ion:252 Resp: 352089

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

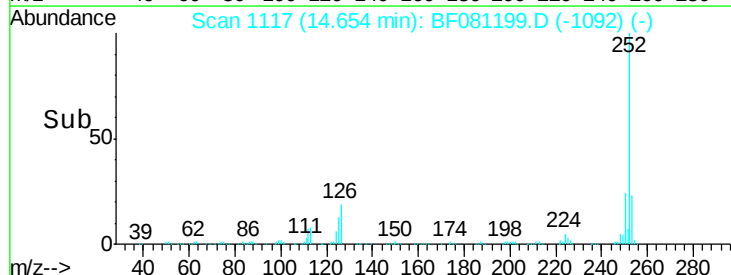
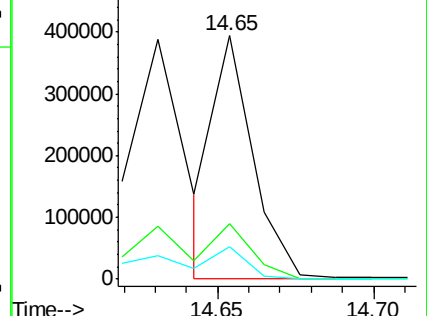
125 13.1 10.3 15.5

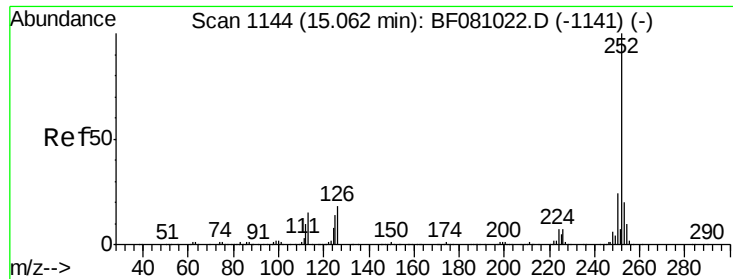


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

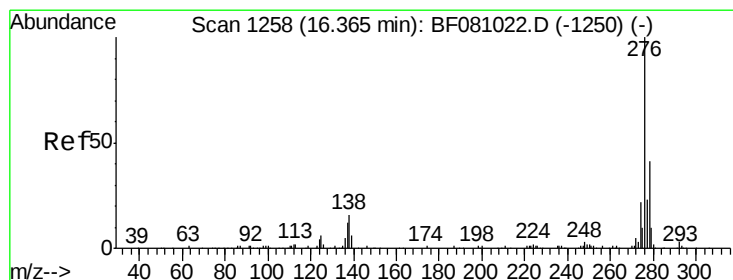
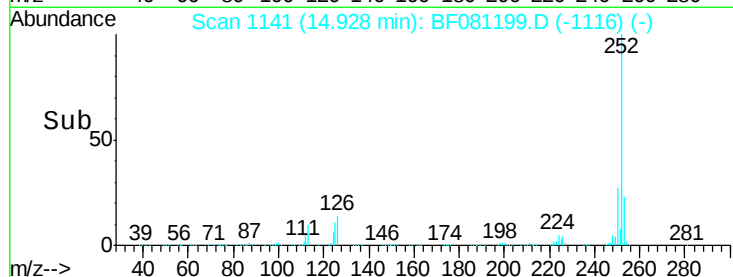
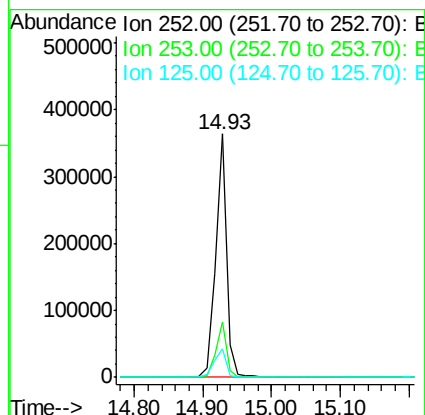
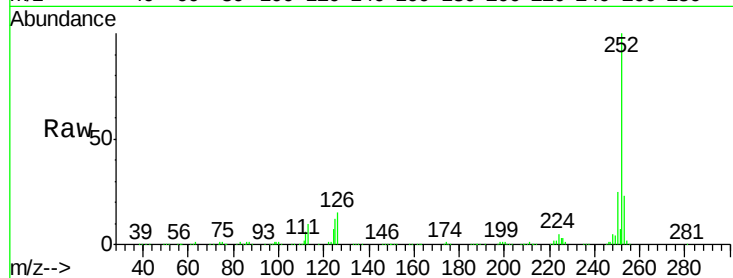




#89
Benzo(a)pyrene
Concen: 41.27 ng
RT: 14.93 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

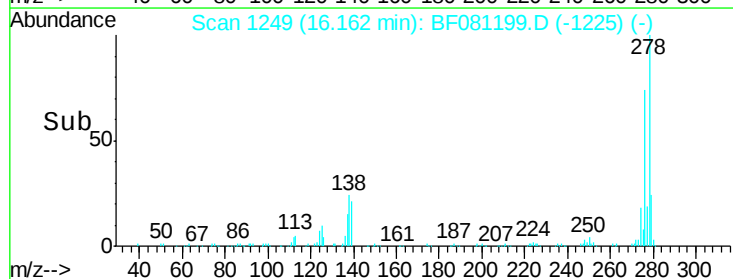
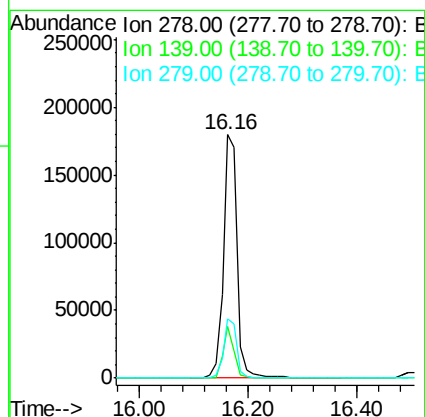
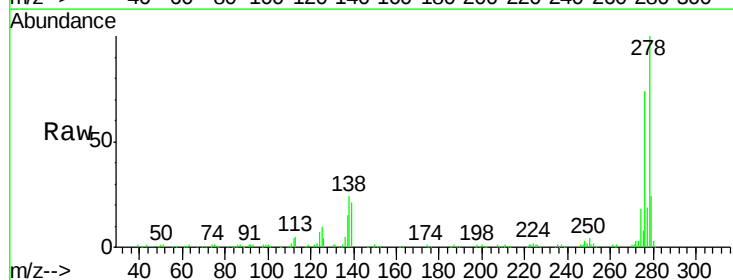
Instrument :
BNA_F
ClientSampleId :
PB85134BS

Tgt Ion:252 Resp: 409681
Ion Ratio Lower Upper
252 100
253 22.5 16.6 25.0
125 11.8 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 41.36 ng
RT: 16.16 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF081199.D
Acq: 25 Aug 2015 13:21

Tgt Ion:278 Resp: 319938
Ion Ratio Lower Upper
278 100
139 21.1 10.8 16.2#
279 24.4 19.0 28.6





#91

Benzo(g,h,i)perylene

Concen: 39.66 ng

RT: 16.51 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF081199.D

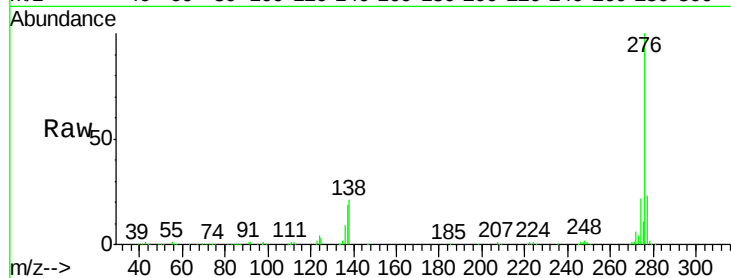
Acq: 25 Aug 2015 13:21

Instrument :

BNA_F

ClientSampleId :

PB85134BS



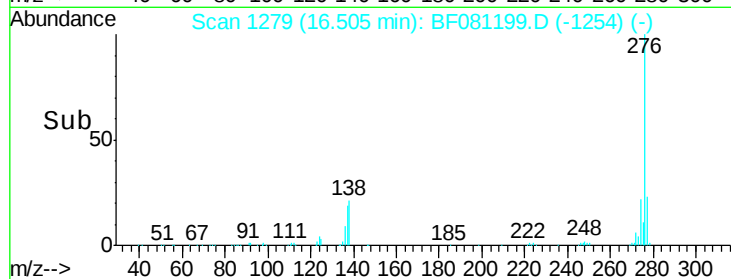
Tgt Ion: 276 Resp: 311249

Ion Ratio Lower Upper

276 100

277 23.1 18.2 27.2

138 21.0 13.7 20.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

