

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080821.D
 Acq On : 4 Aug 2015 1:39
 Operator : TP
 Sample : PB84719BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

Quant Time: Aug 04 03:52:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:58:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	149555	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	576021	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	285753	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	536947	20.00	ng	0.01
75) Chrysene-d12	13.99	240	327236	20.00	ng	0.00
86) Perylene-d12	15.39	264	259112	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	961376	107.17	ng	0.01
7) Phenol-d6	6.46	99	1493648	123.78	ng	0.00
23) Nitrobenzene-d5	7.40	82	1017367	87.16	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	373289	136.32	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1621421	85.77	ng	0.00
78) Terphenyl-d14	12.93	244	1293437	78.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	155914	34.31	ng	97
3) Pyridine	3.29	79	383711	31.97	ng	99
4) n-Nitrosodimethylamine	3.23	42	259933	38.99	ng	94
6) Aniline	6.50	93	454607	26.35	ng	98
8) 2-Chlorophenol	6.62	128	399743	40.22	ng	98
9) Benzaldehyde	6.37	77	53144	5.31	ng	85
10) Phenol	6.48	94	469348	33.31	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	414460	41.01	ng	95
12) 1,3-Dichlorobenzene	6.77	146	433408	38.90	ng	98
13) 1,4-Dichlorobenzene	6.85	146	467084	42.07	ng	98
14) 1,2-Dichlorobenzene	6.85	146	467084	45.49	ng	96
15) Benzyl Alcohol	6.98	79	331855	40.50	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	825779	41.33	ng	98
17) 2-Methylphenol	7.09	107	381276	43.51	ng	98
18) Hexachloroethane	7.34	117	162575	39.72	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	335097	42.93	ng	97
20) 3+4-Methylphenols	7.24	107	413509	40.63	ng	96
22) Acetophenone	7.24	105	563689	40.31	ng	# 78
24) Nitrobenzene	7.41	77	440812	37.01	ng	# 83
25) Isophorone	7.65	82	836677	40.08	ng	# 94
26) 2-Nitrophenol	7.73	139	216114	42.44	ng	92
27) 2,4-Dimethylphenol	7.78	122	421743	43.47	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	528551	41.90	ng	99
29) 2,4-Dichlorophenol	7.97	162	341921	42.11	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	352951	39.82	ng	96
31) Naphthalene	8.13	128	1124021	39.72	ng	100
32) Benzoic acid	7.89	122	266704	45.38	ng	98
33) 4-Chloroaniline	8.19	127	248633	20.88	ng	# 93
34) Hexachlorobutadiene	8.26	225	224380	41.27	ng	99
35) Caprolactam	8.56	113	78113	34.73	ng	# 87
36) 4-Chloro-3-methylphenol	8.67	107	370570	42.85	ng	99
37) 2-Methylnaphthalene	8.83	142	787106	44.38	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	328194	36.17	ng	98
40) Hexachlorocyclopentadiene	8.99	237	469902	84.64	ng	98

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 ALS Vial : 15 Sample Multiplier: 1

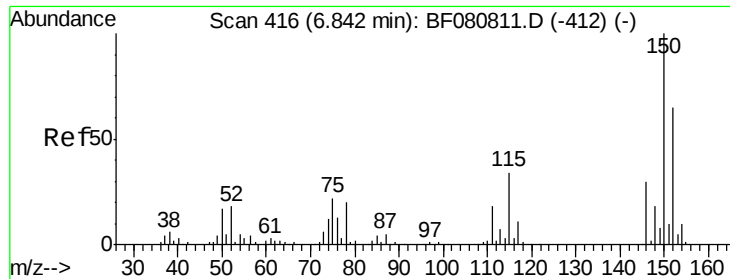
Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

Quant Time: Aug 04 03:52:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080315.M
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 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	9.10	196	244631	37.97	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	269233	42.69	nq	# 86
45) 1,1'-Biphenyl	9.30	154	888974	41.10	nq	99
46) 2-Chloronaphthalene	9.32	162	710245	39.57	nq	98
47) 2-Nitroaniline	9.41	65	304453	45.92	nq	98
48) Acenaphthylene	9.73	152	1168984	41.76	nq	100
49) Dimethylphthalate	9.60	163	785558	41.15	nq	99
50) 2,6-Dinitrotoluene	9.65	165	170073	41.36	nq	99
51) Acenaphthene	9.90	154	824719	48.90	nq	97
52) 3-Nitroaniline	9.82	138	125824	26.37	nq	86
53) 2,4-Dinitrophenol	9.93	184	207452	98.62	nq	# 69
54) Dibenzofuran	10.08	168	976926	43.76	nq	98
55) 4-Nitrophenol	9.98	139	292704	85.83	nq	95
56) 2,4-Dinitrotoluene	10.05	165	221631	42.64	nq	95
57) Fluorene	10.42	166	792495	45.76	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	213718	47.13	nq	97
59) Diethylphthalate	10.29	149	789975	43.33	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	334197	39.34	nq	97
61) 4-Nitroaniline	10.43	138	167029	37.82	nq	95
62) Azobenzene	10.57	77	900857	42.65	nq	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	139726	42.21	nq	88
65) n-Nitrosodiphenylamine	10.53	169	718832	38.24	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	225448	38.21	nq	100
67) Hexachlorobenzene	10.97	284	265929	39.82	nq	99
68) Atrazine	11.06	200	213553	49.83	nq	97
69) Pentachlorophenol	11.16	266	305199	85.61	nq	94
70) Phenanthrene	11.38	178	1184504	42.41	nq	99
71) Anthracene	11.42	178	1052578	38.18	nq	99
72) Carbazole	11.58	167	1015783	42.55	nq	100
73) Di-n-butylphthalate	11.92	149	1165768	40.78	nq	99
74) Fluoranthene	12.56	202	1045573	39.09	nq	99
76) Benzidine	12.68	184	358956	29.70	nq	98
77) Pyrene	12.79	202	1069852	44.11	nq	98
79) Butylbenzylphthalate	13.41	149	482504	50.51	nq	99
80) Benzo(a)anthracene	13.97	228	806918	43.19	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	193940	29.26	nq	99
82) Chrysene	14.01	228	793093	43.68	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	583644	49.50	nq	100
84) Di-n-octyl phthalate	14.58	149	839416	45.01	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	769661	46.21	nq	99
87) Benzo(b)fluoranthene	14.99	252	1215222	80.12	nq	99
88) Benzo(k)fluoranthene	14.99	252	1215222	91.94	nq	# 96
89) Benzo(a)pyrene	15.33	252	577375	44.64	nq	99
90) Dibenzo(a,h)anthracene	16.79	278	638809	50.98	nq	99
91) Benzo(g,h,i)perylene	17.19	276	668114	51.14	nq	99

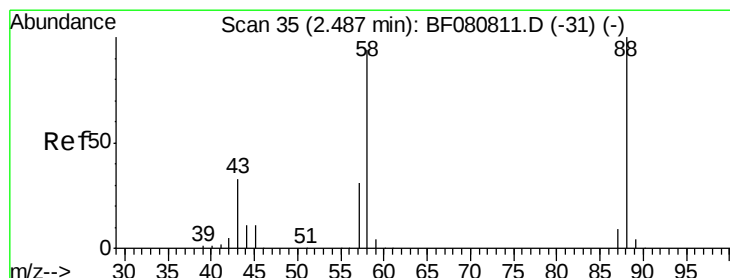
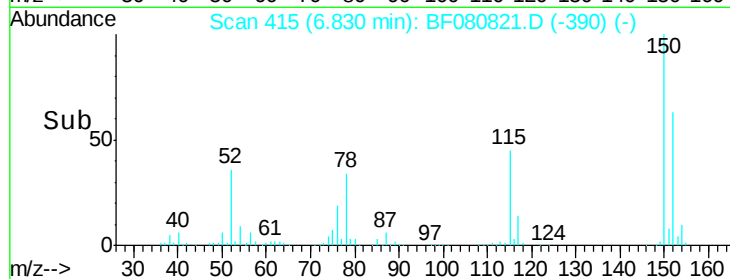
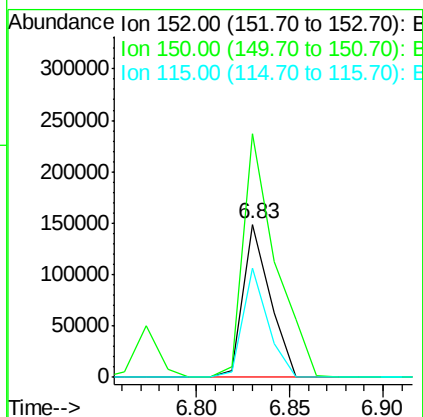
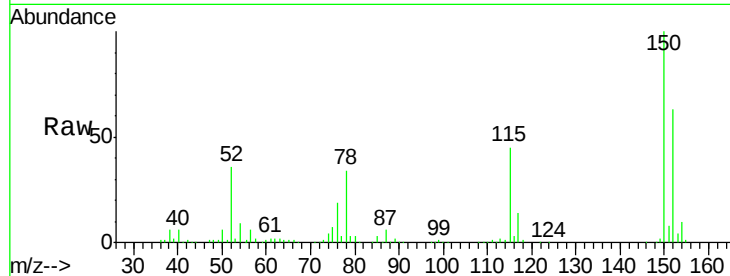
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

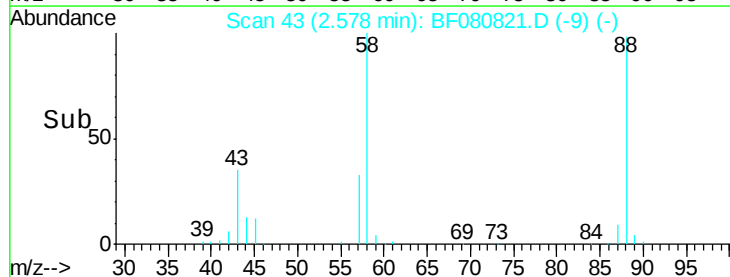
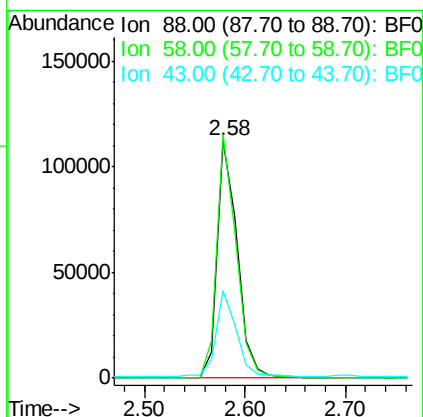
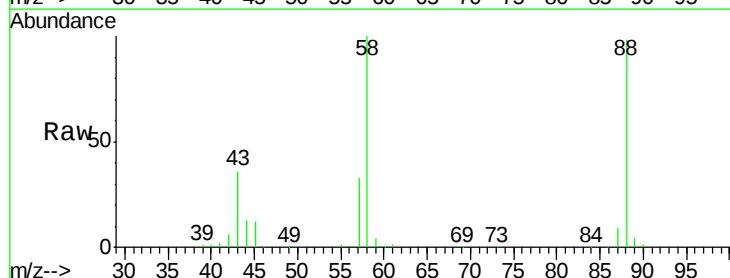
Instrument :
 BNA_F
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 PB84719BS

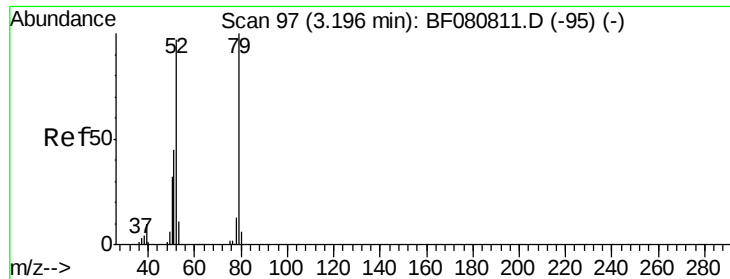
Tot Ion:152 Resp: 149555
 Ion Ratio Lower Upper
 152 100
 150 159.2 122.9 184.3
 115 71.1 42.0 63.0#



#2
 1,4-Dioxane
 Concen: 34.31 ng
 RT: 2.58 min Scan# 43
 Delta R.T. 0.09 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Tgt Ion: 88 Resp: 155914
 Ion Ratio Lower Upper
 88 100
 58 100.8 78.2 117.4
 43 37.0 27.6 41.4





#3

Pvridine

Concen: 31.97 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

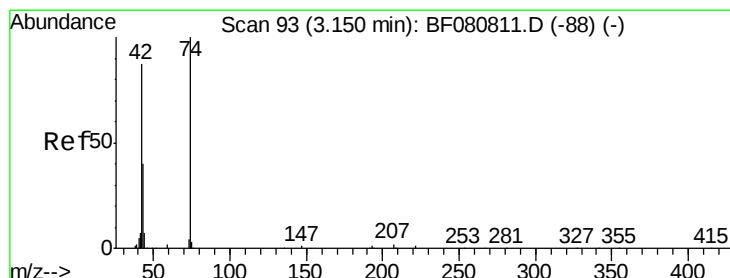
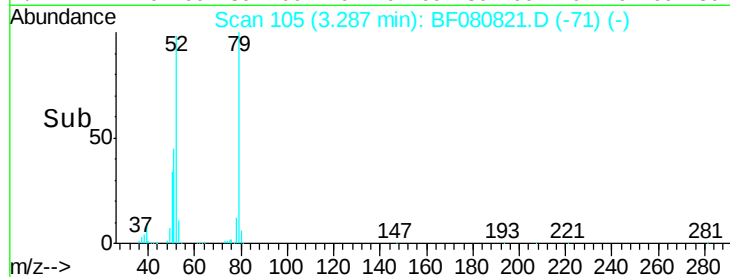
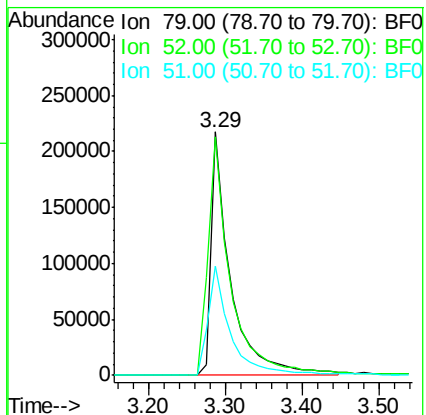
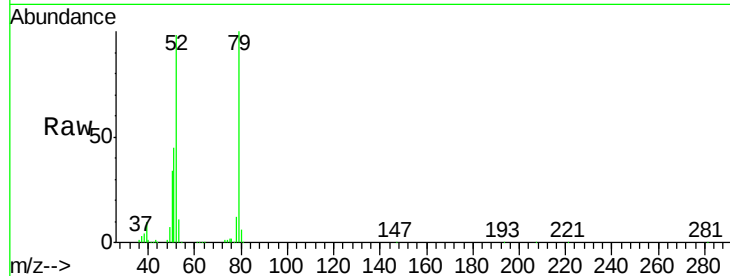
Tot Ion: 79 Resp: 383711

Ion Ratio Lower Upper

79 100

52 97.8 77.7 116.5

51 44.9 35.8 53.8



#4

n-Nitrosodimethylamine

Concen: 38.99 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.08 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

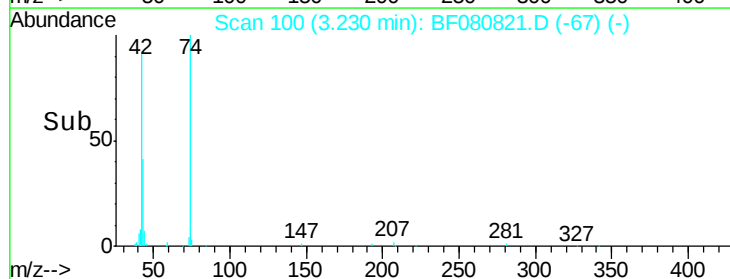
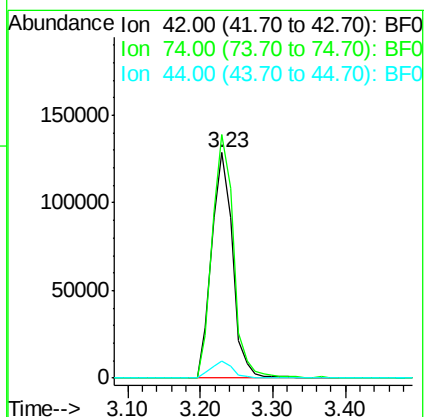
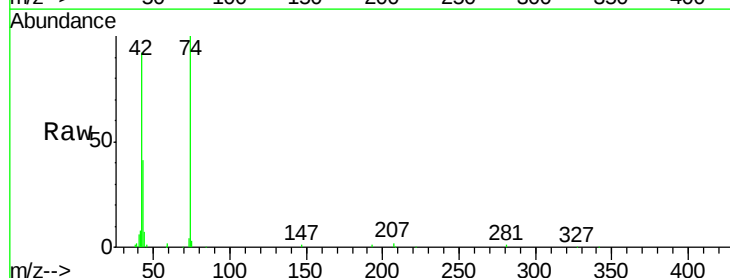
Tgt Ion: 42 Resp: 259933

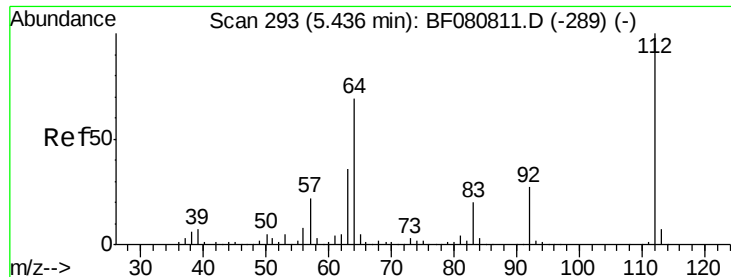
Ion Ratio Lower Upper

42 100

74 108.1 92.4 138.6

44 7.4 6.2 9.2





#5

2-Fluorophenol

Concen: 107.17 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

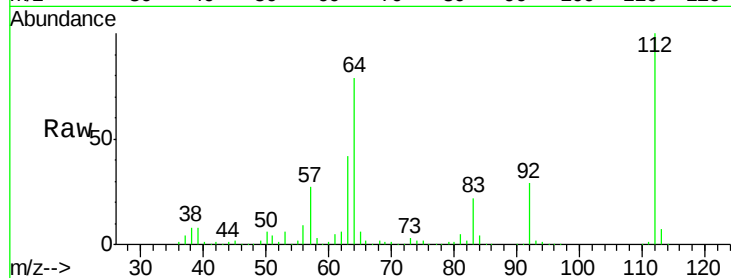
Tot Ion:112 Resp: 961376

Ion Ratio Lower Upper

112 100

64 79.0 55.0 82.4

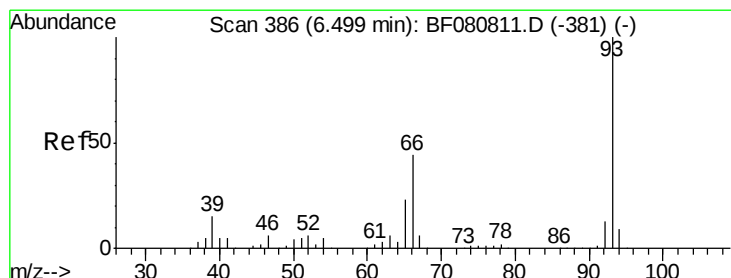
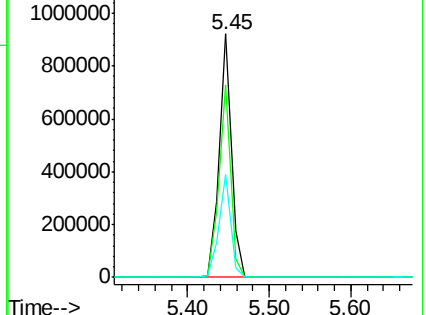
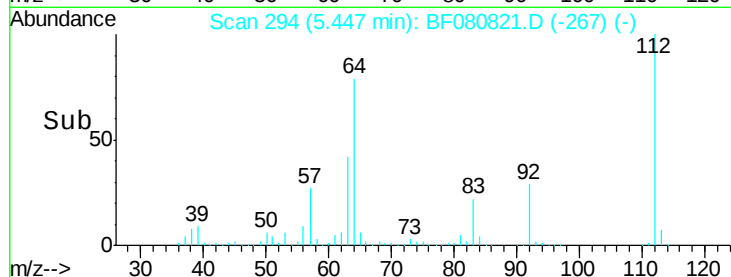
63 42.3 28.6 42.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.35 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

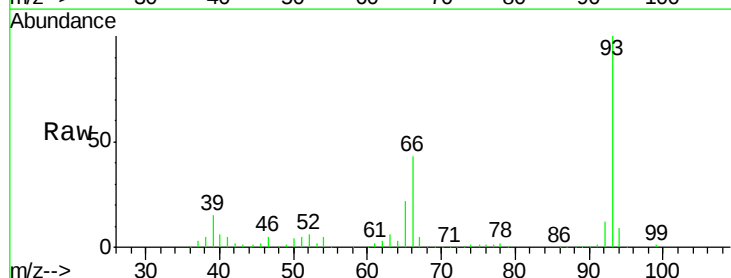
Tgt Ion: 93 Resp: 454607

Ion Ratio Lower Upper

93 100

66 43.0 35.3 52.9

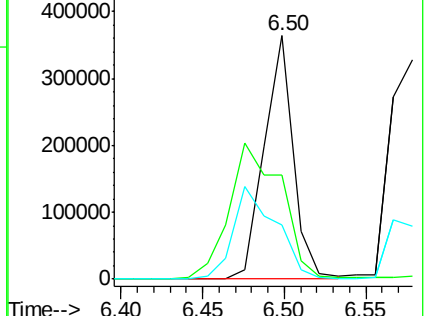
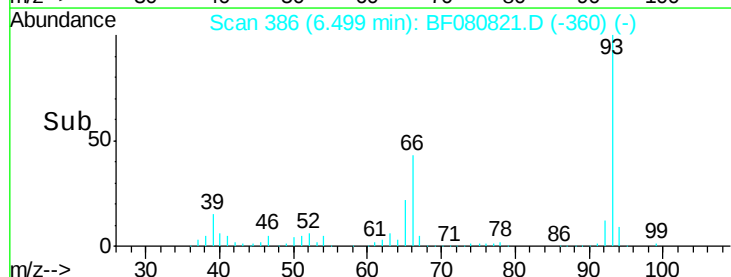
65 22.3 18.7 28.1

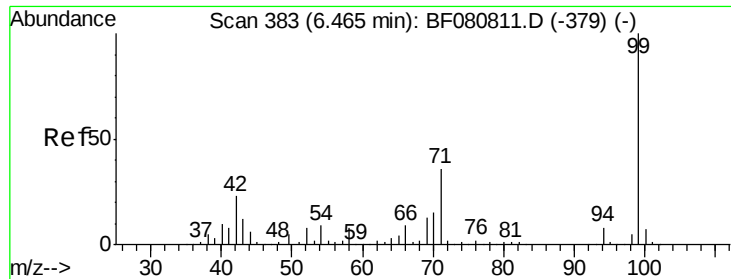


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.78 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

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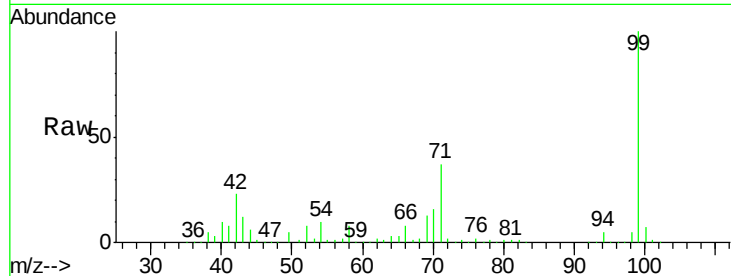
Tot Ion: 99 Resp: 1493648

Ion Ratio Lower Upper

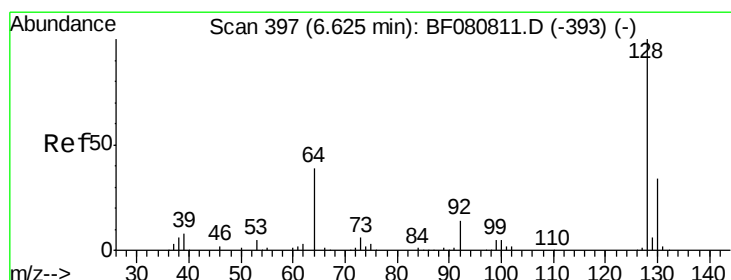
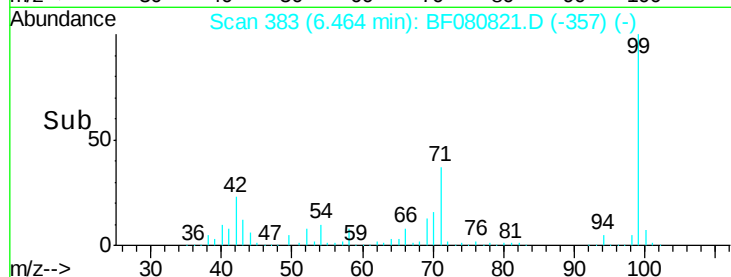
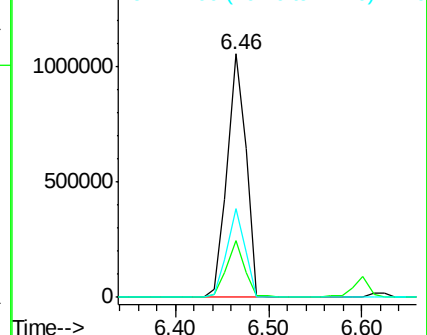
99 100

42 23.4 18.4 27.6

71 36.6 28.7 43.1



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: 40.22 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

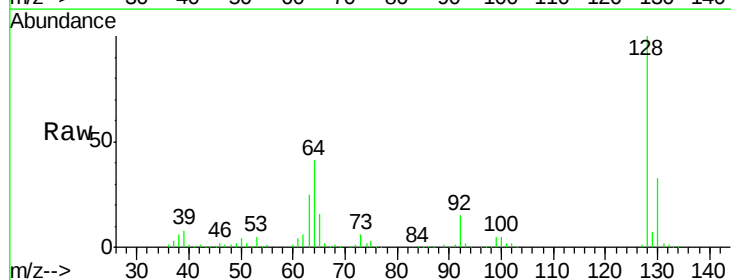
Tgt Ion:128 Resp: 399743

Ion Ratio Lower Upper

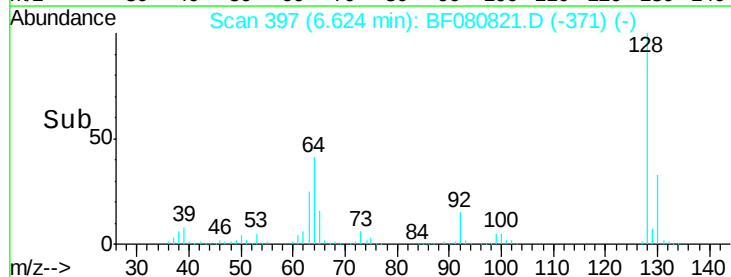
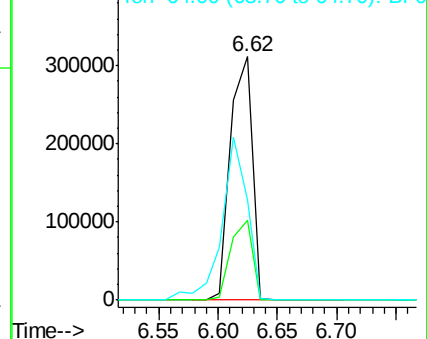
128 100

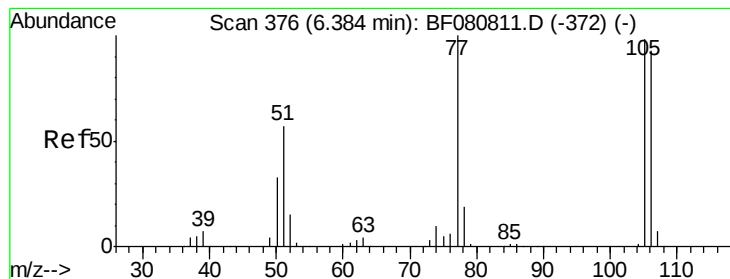
130 32.8 14.1 54.1

64 41.1 22.3 62.3



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: 5.31 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

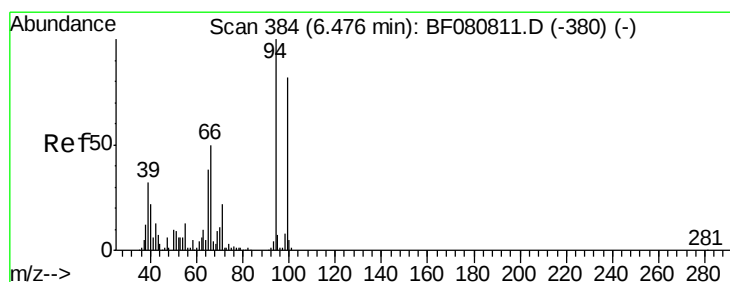
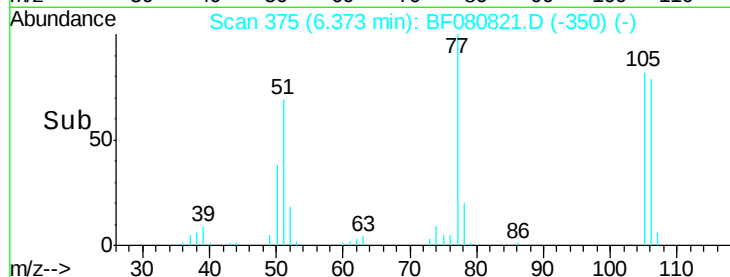
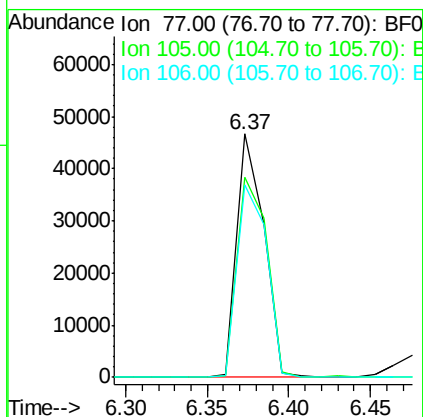
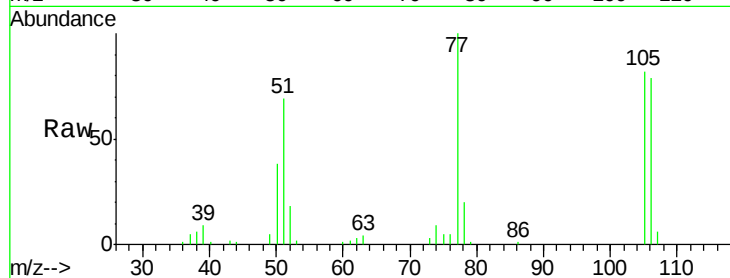
Tot Ion: 77 Resp: 53144

Ion Ratio Lower Upper

77 100

105 82.2 78.1 118.1

106 79.1 72.7 112.7



#10

Phenol

Concen: 33.31 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

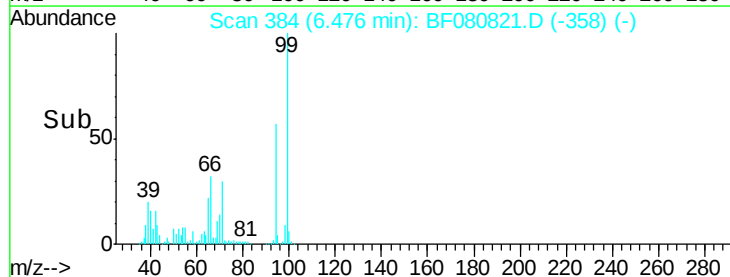
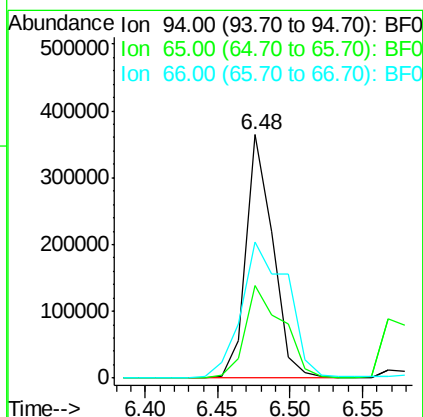
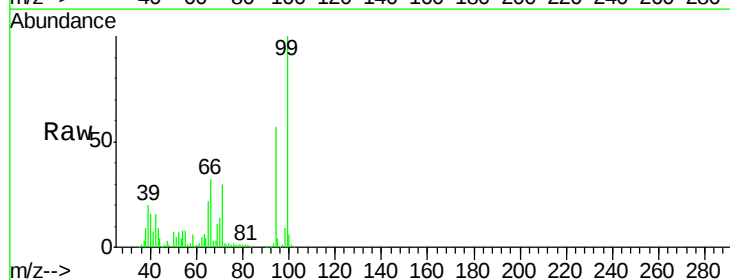
Tgt Ion: 94 Resp: 469348

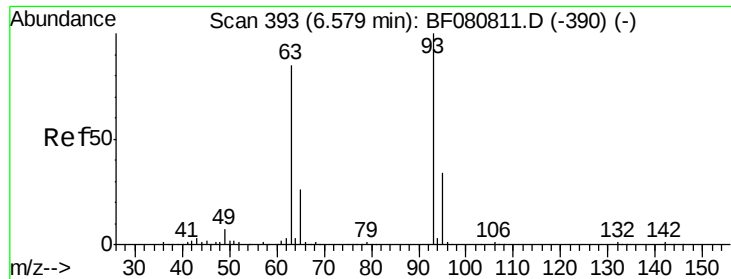
Ion Ratio Lower Upper

94 100

65 38.0 17.5 57.5

66 55.9 29.6 69.6





#11

bis(2-Chloroethyl)ether

Concen: 41.01 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

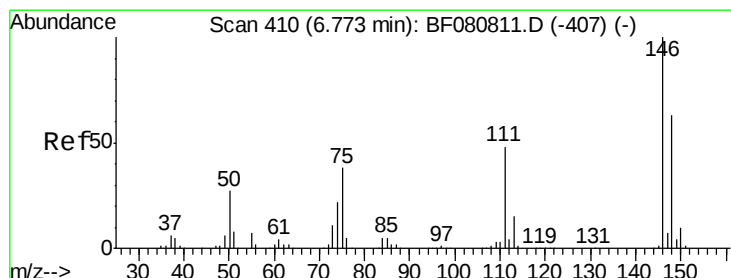
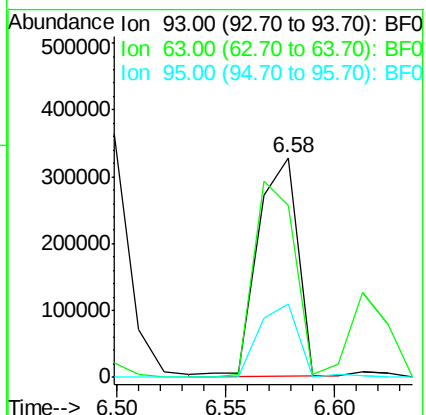
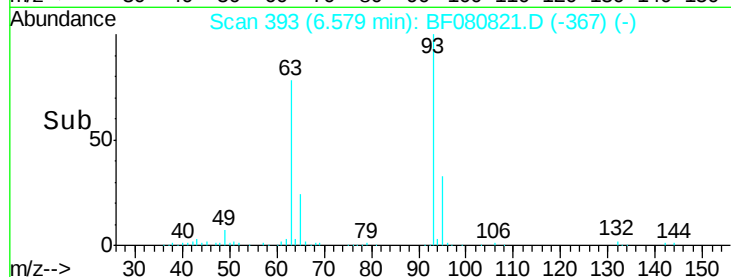
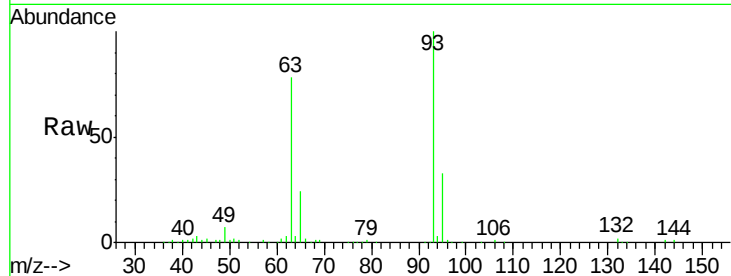
Tot Ion: 93 Resp: 414460

Ion Ratio Lower Upper

93 100

63 78.5 64.9 104.9

95 33.5 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 38.90 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

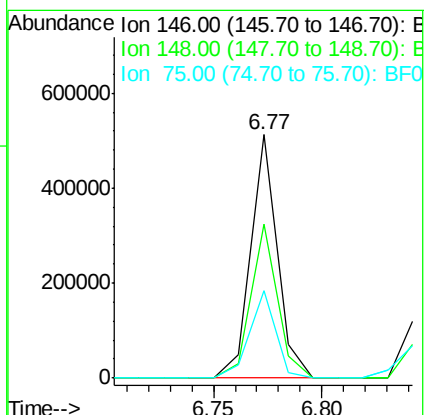
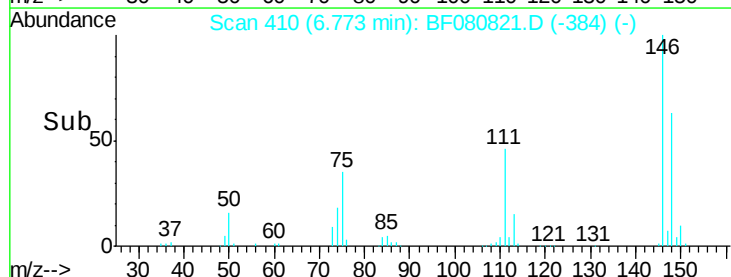
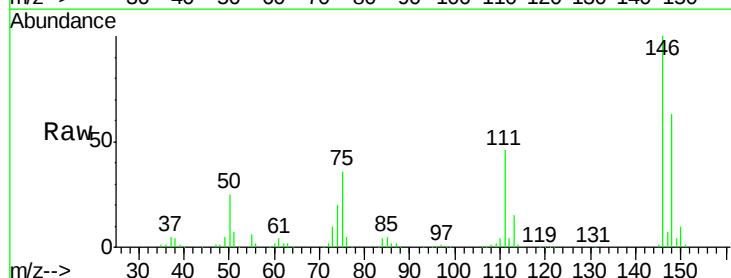
Tgt Ion: 146 Resp: 433408

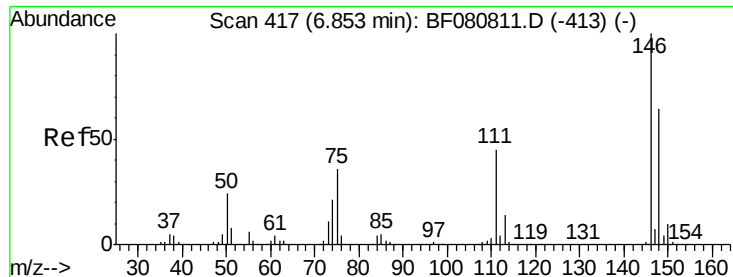
Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

75 36.0 30.7 46.1

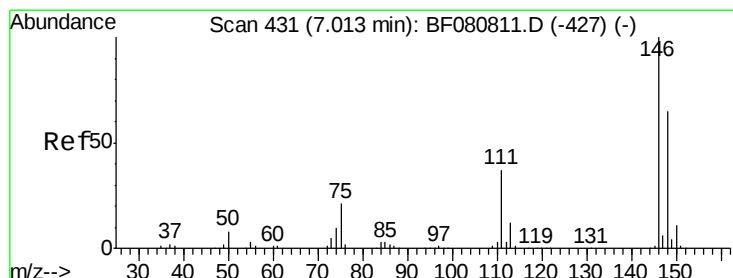
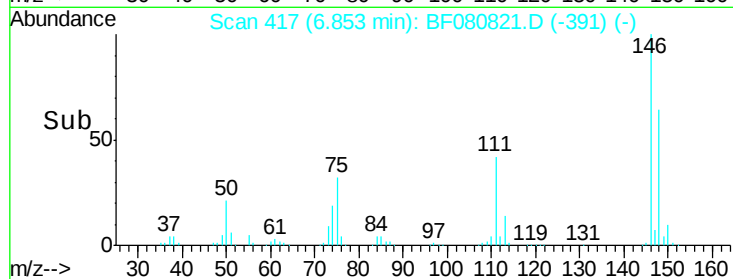
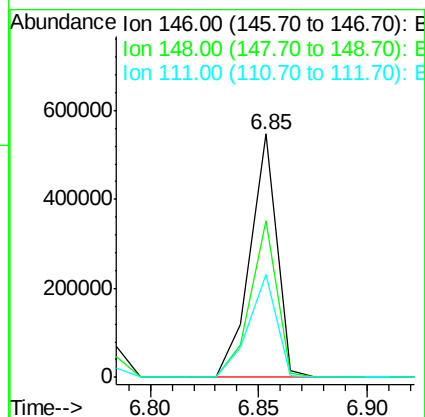
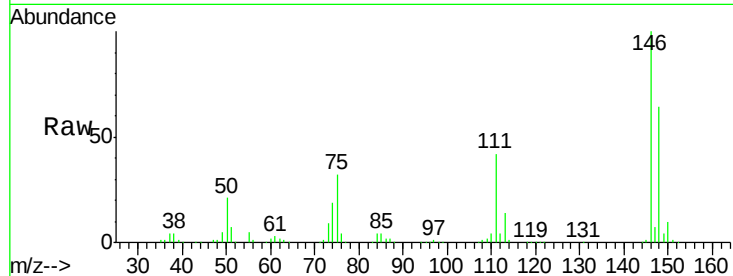




#13
 1,4-Dichlorobenzene
 Concen: 42.07 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

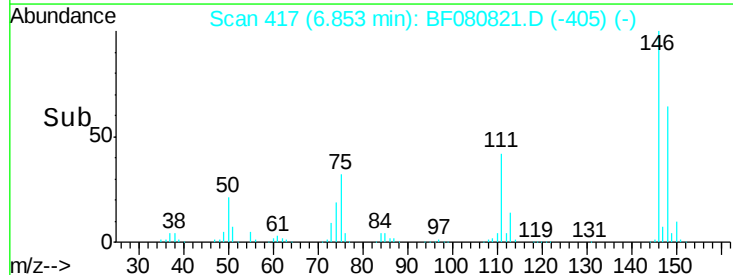
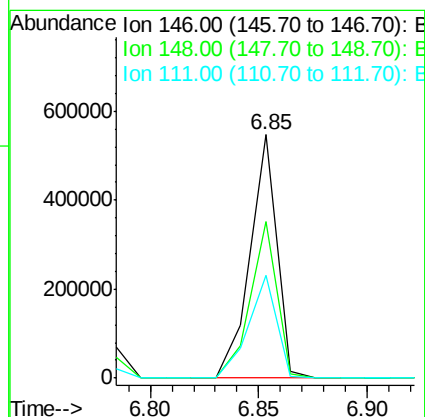
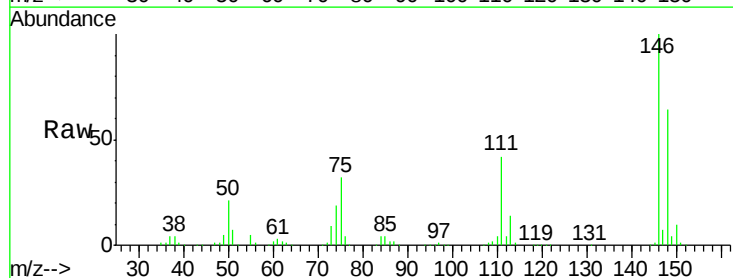
Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

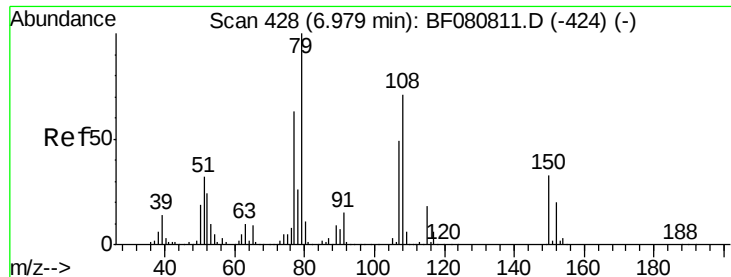
Tot Ion:146 Resp: 467084
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.3 76.9
 111 42.4 35.8 53.8



#14
 1,2-Dichlorobenzene
 Concen: 45.49 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.16 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Tgt Ion:146 Resp: 467084
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.0 78.0
 111 42.4 29.3 43.9





#15

Benzyl Alcohol

Concen: 40.50 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

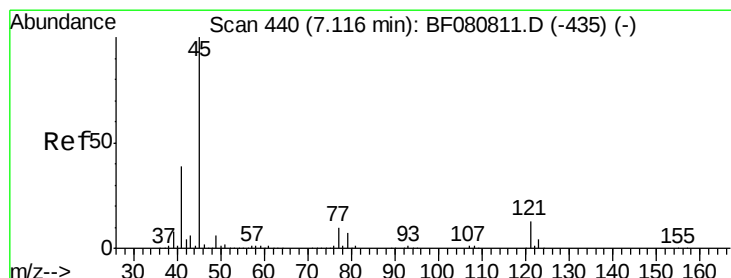
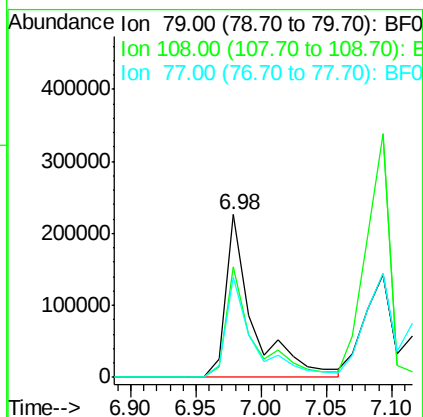
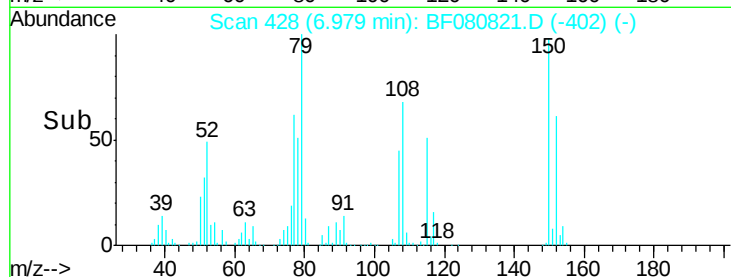
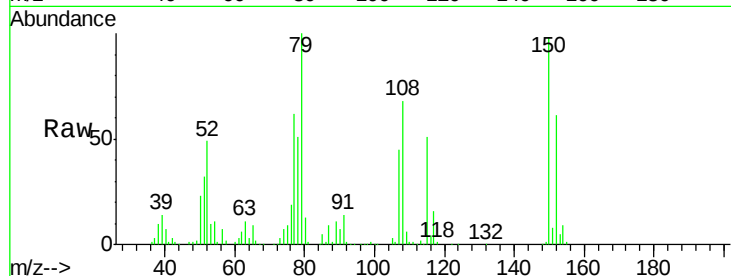
Tot Ion: 79 Resp: 331855

Ion Ratio Lower Upper

79 100

108 68.4 56.9 85.3

77 61.6 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.33 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

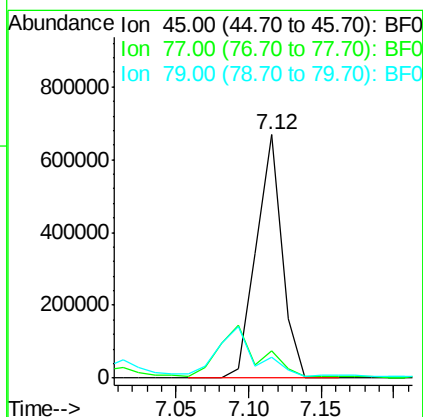
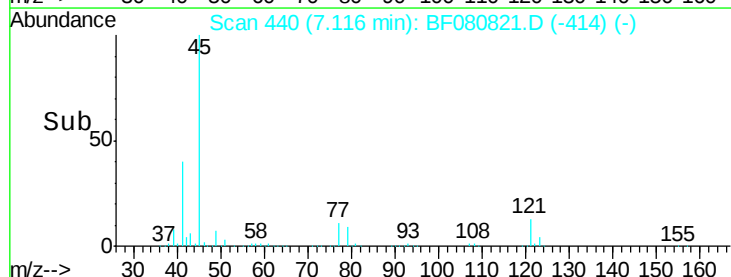
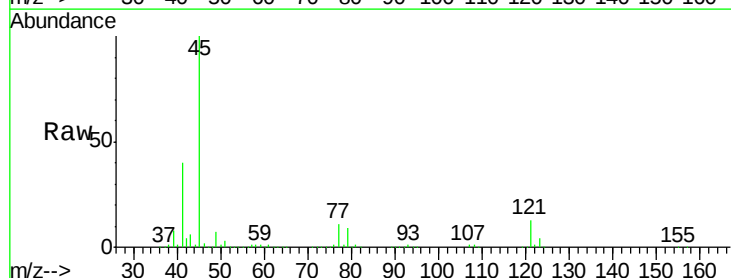
Tgt Ion: 45 Resp: 825779

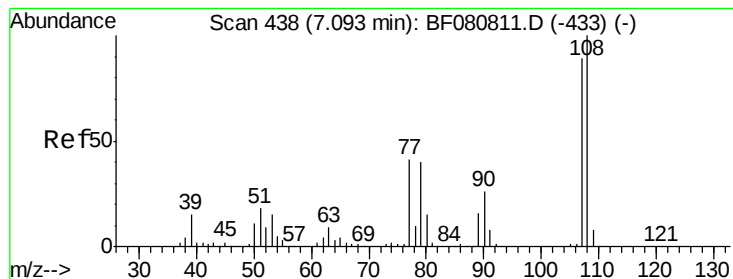
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.5

79 8.7 0.0 28.2

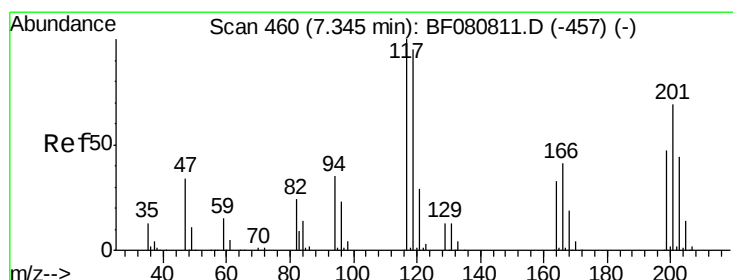
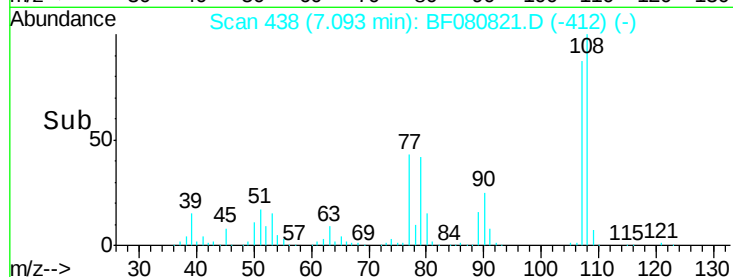
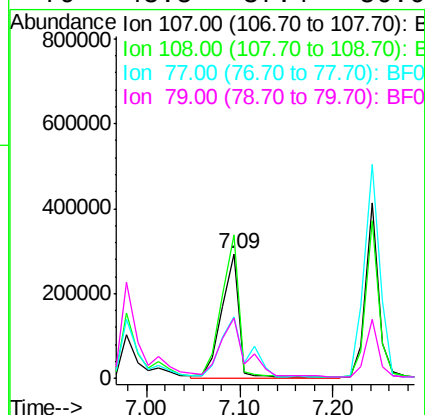
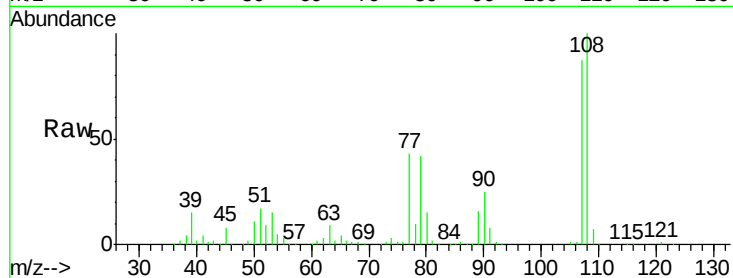




#17
2-Methylphenol
Concen: 43.51 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

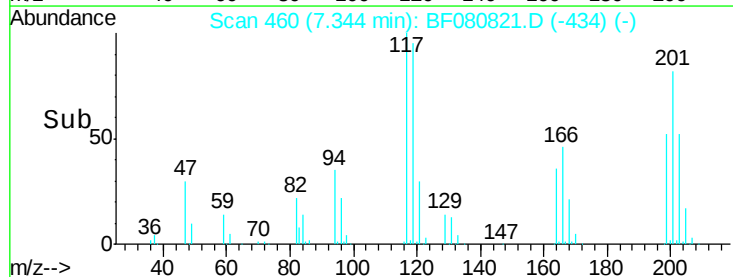
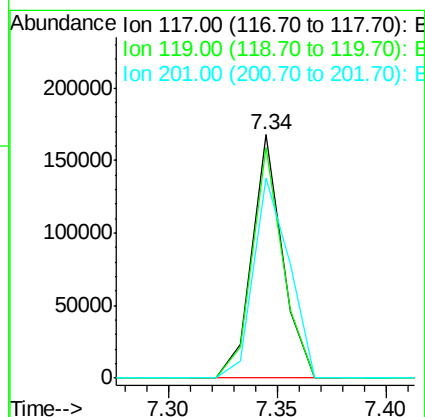
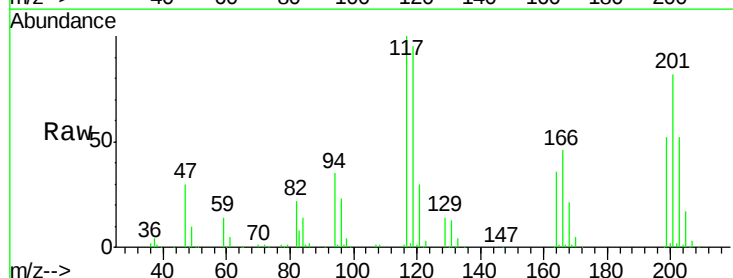
Instrument :
BNA_F
ClientSampleId :
PB84719BS

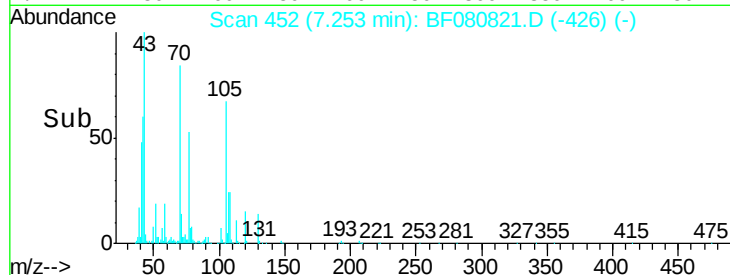
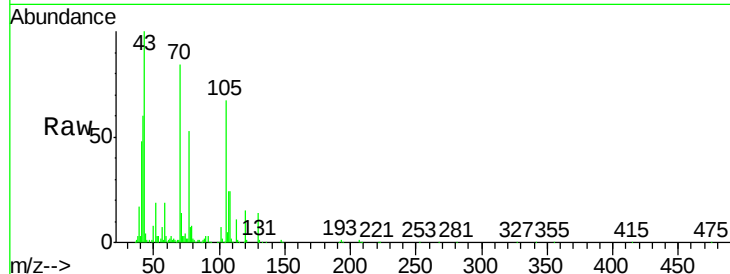
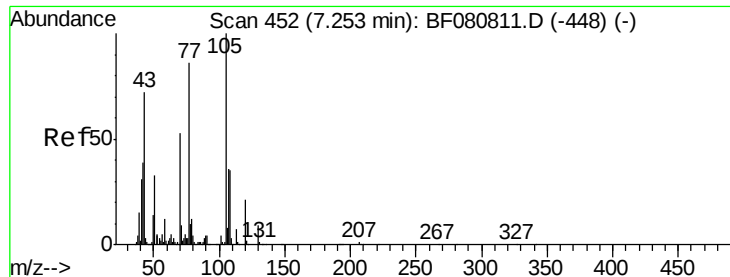
Tot Ion:	107	Resp:	381276
Ion	Ratio	Lower	Upper
107	100		
108	115.2	90.6	135.8
77	49.1	37.8	56.8
79	48.5	37.4	56.0



#18
Hexachloroethane
Concen: 39.72 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Tgt Ion:	117	Resp:	162575
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.3	114.5
201	82.1	55.5	83.3

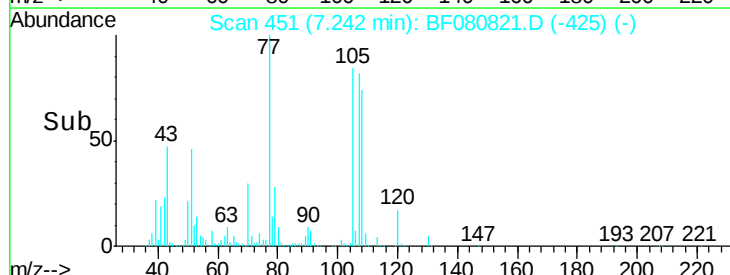
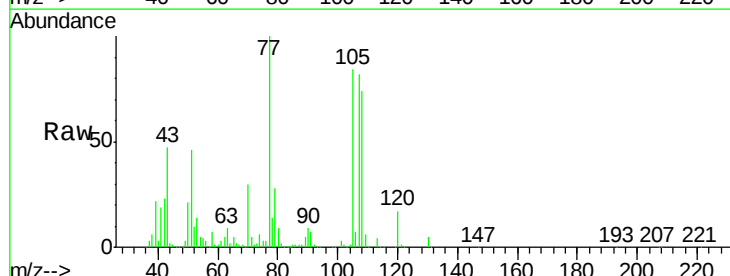
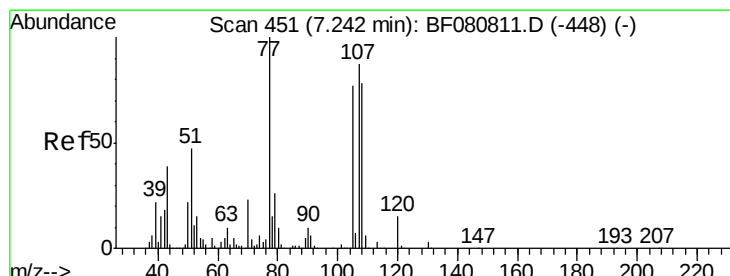
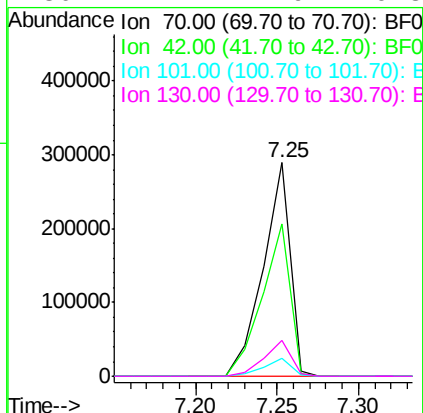




#19
n-Nitroso-di-n-propylamine
Concen: 42.93 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

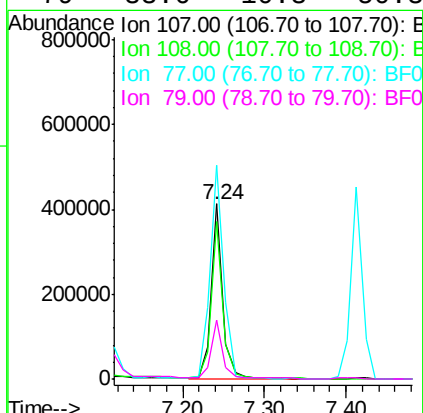
Instrument :
BNA_F
ClientSampleId :
PB84719BS

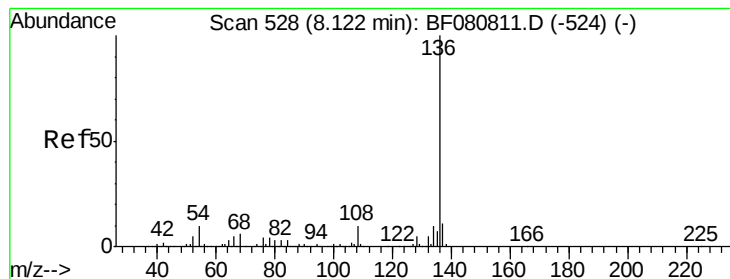
Tot Ion:	70	Resp:	335097
Ion	Ratio	Lower	Upper
70	100		
42	71.5	59.1	88.7
101	8.5	6.6	10.0
130	17.1	12.9	19.3



#20
3+4-Methylphenols
Concen: 40.63 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Tgt Ion:	107	Resp:	413509
Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.6	109.6
77	122.1	94.9	134.9
79	33.6	10.3	50.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

Tot Ion:136 Resp: 576021

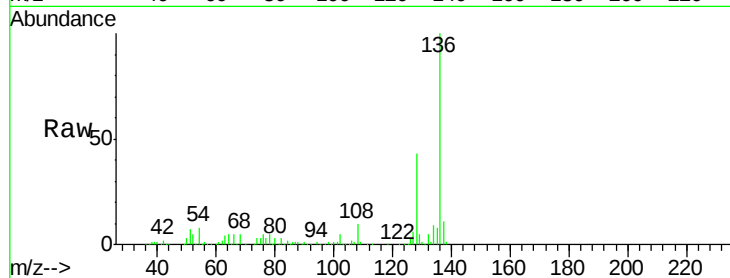
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.3 7.9 11.9

68 4.5 4.4 6.6

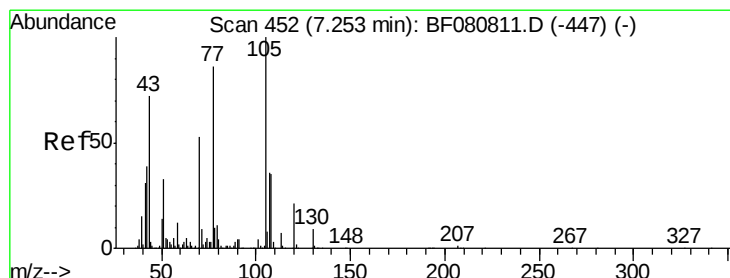
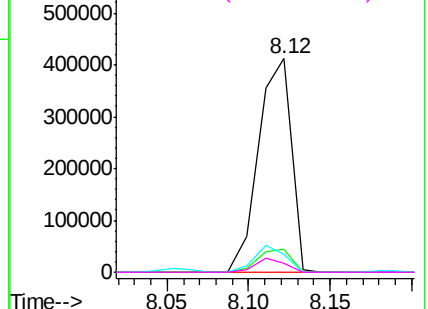
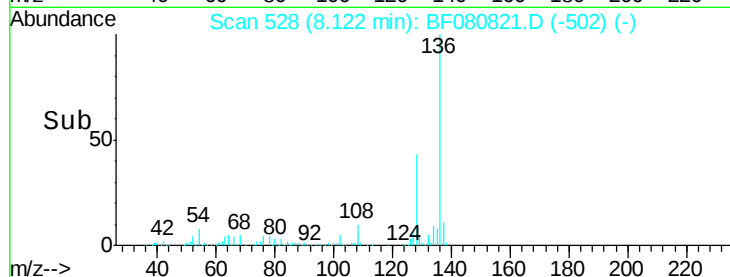


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.31 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Tgt Ion:105 Resp: 563689

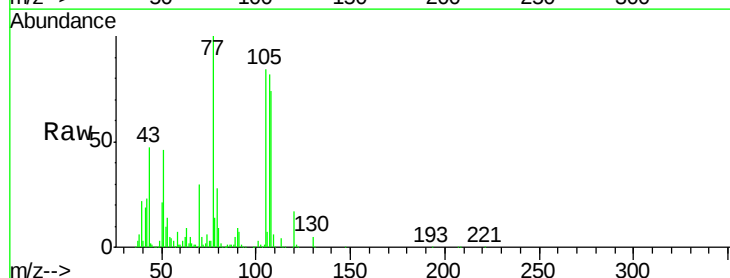
Ion Ratio Lower Upper

105 100

71 6.0 7.1 10.7#

51 54.6 26.5 39.7#

120 19.9 17.0 25.6

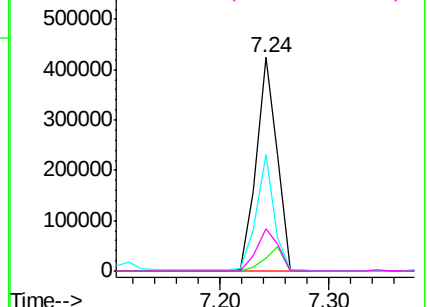
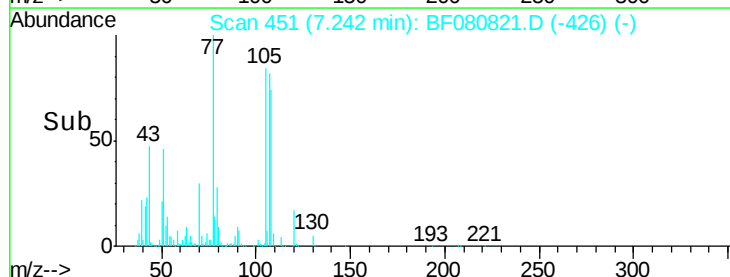


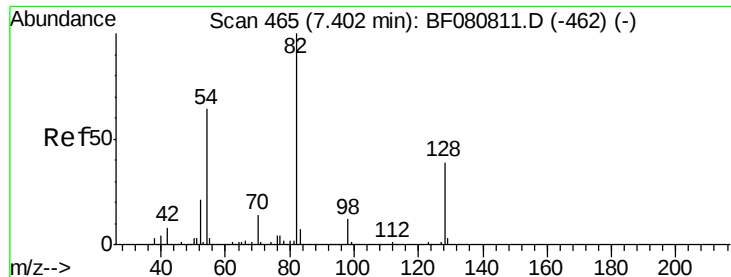
Abundance Ion 105.00 (104.70 to 105.70): E

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



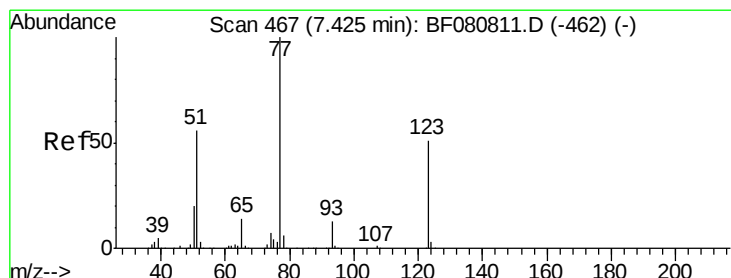
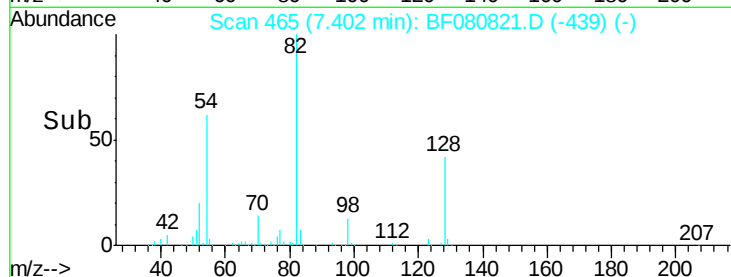
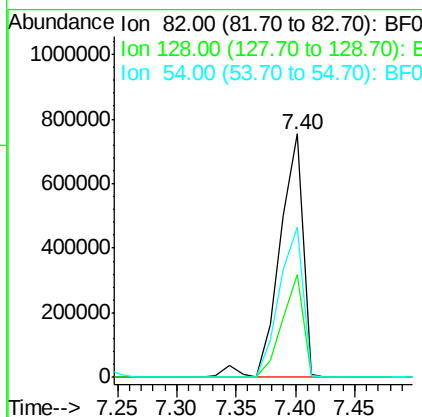
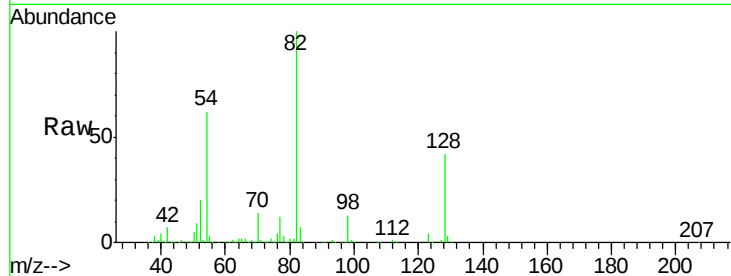


#23
 Nitrobenzene-d5
 Concen: 87.16 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

Tot Ion: 82 Resp: 1017367

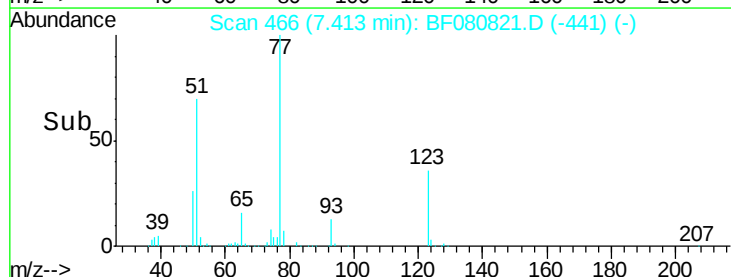
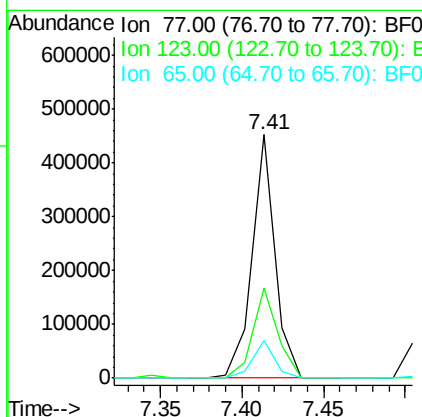
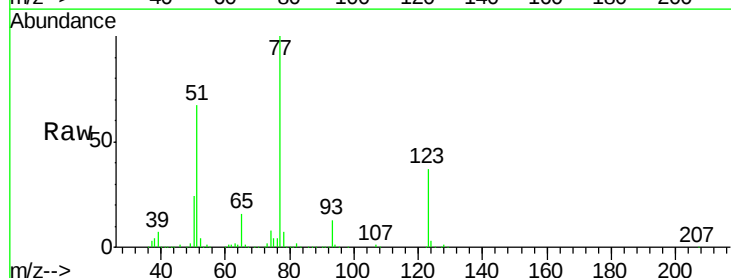
Ion	Ratio	Lower	Upper
82	100		
128	42.4	31.4	47.0
54	61.6	51.0	76.4

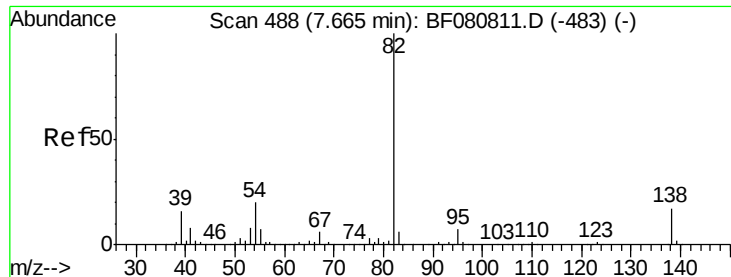


#24
 Nitrobenzene
 Concen: 37.01 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Tgt Ion: 77 Resp: 440812

Ion	Ratio	Lower	Upper
77	100		
123	36.9	40.7	61.1#
65	15.6	11.3	16.9





#25

Isophorone

Concen: 40.08 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

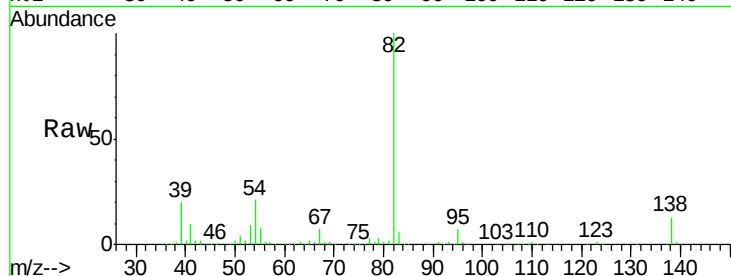
Tot Ion: 82 Resp: 83677

Ion Ratio Lower Upper

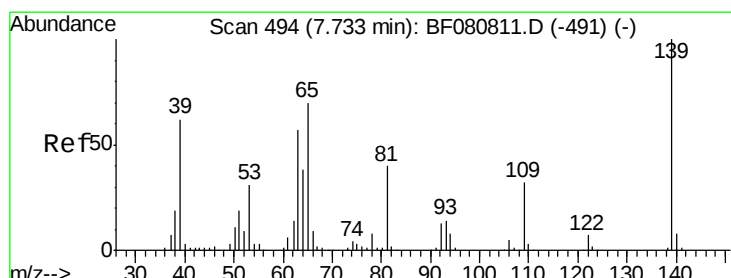
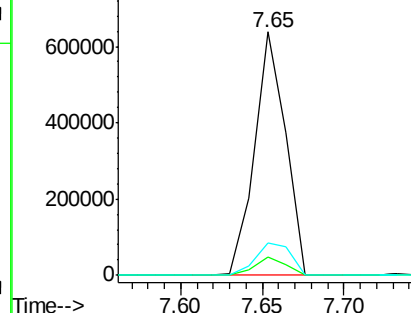
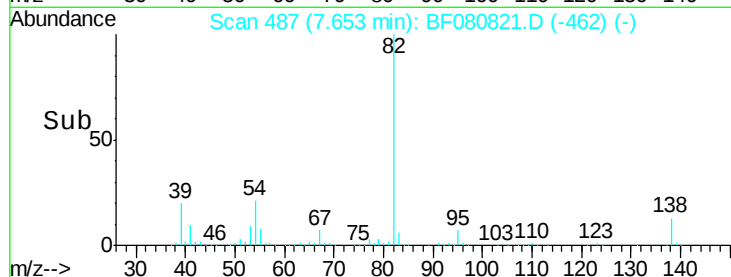
82 100

95 7.4 5.9 8.9

138 13.4 13.4 20.2#



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): E



#26

2-Nitrophenol

Concen: 42.44 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

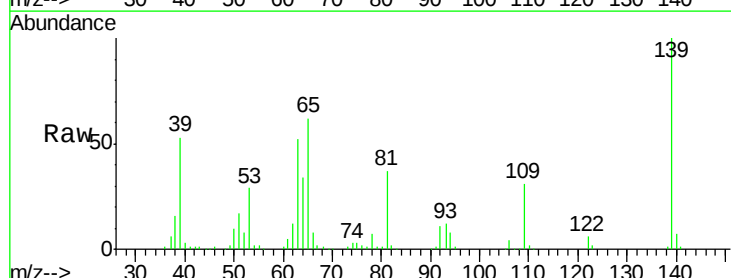
Tgt Ion: 139 Resp: 216114

Ion Ratio Lower Upper

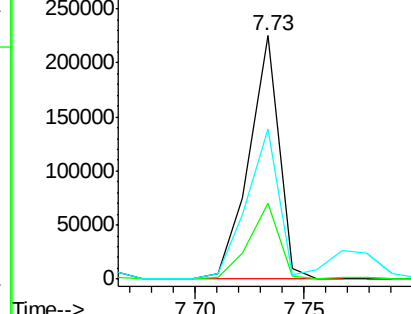
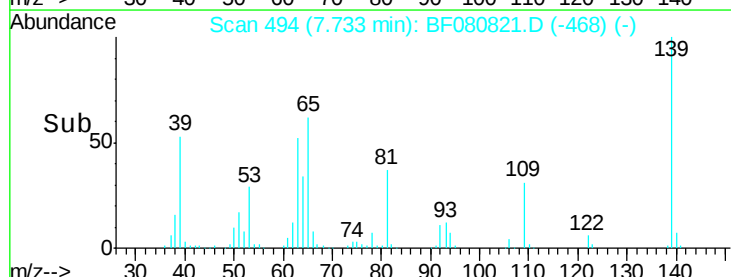
139 100

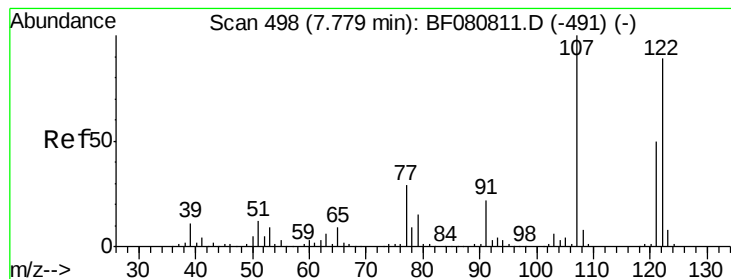
109 31.0 25.3 37.9

65 61.7 56.2 84.4



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

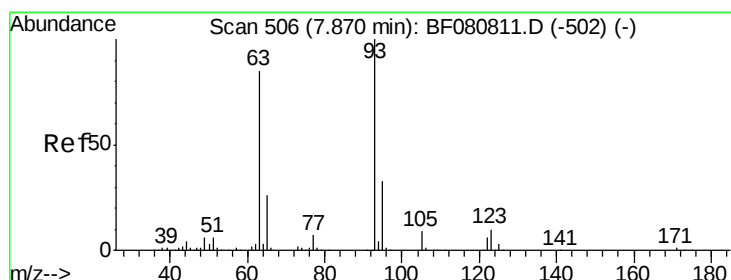
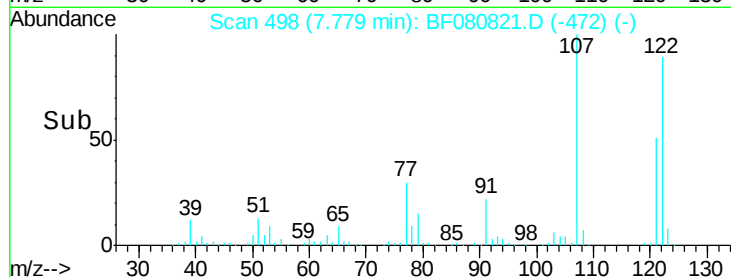
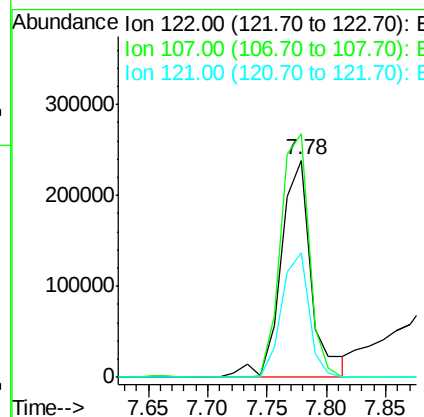
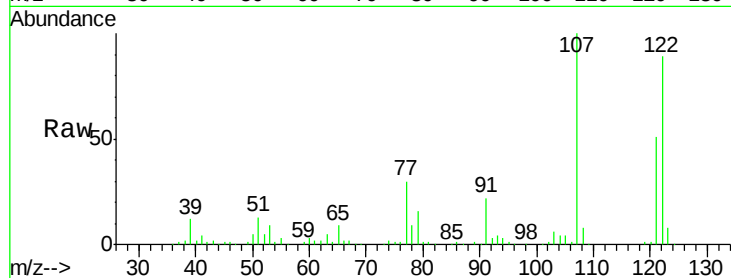




#27
 2,4-Dimethylphenol
 Concen: 43.47 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

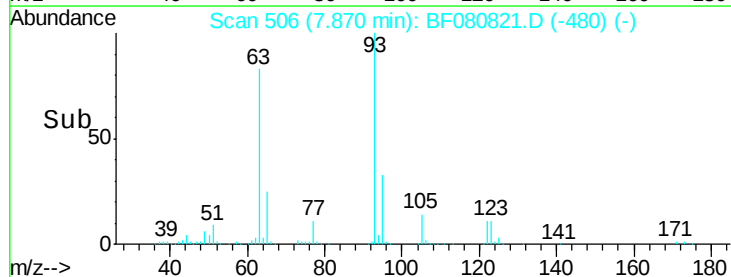
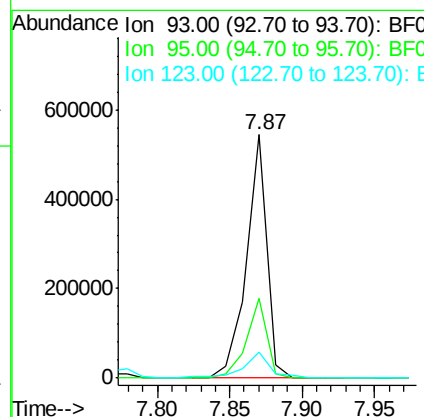
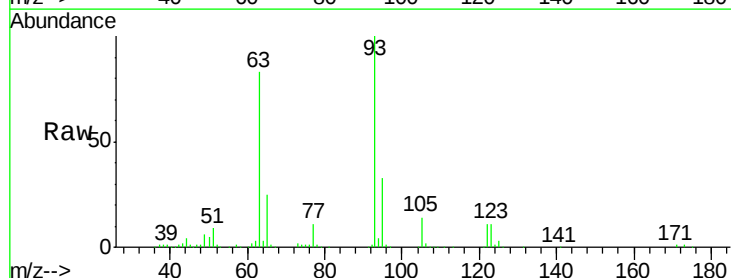
Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

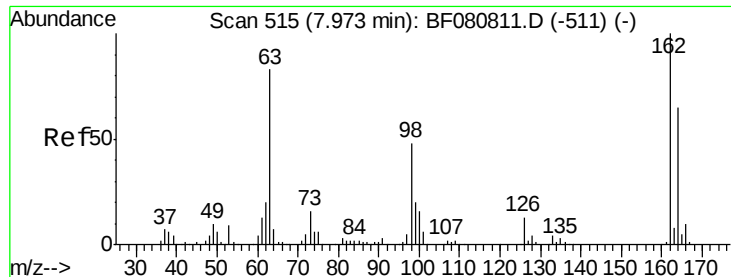
Tot Ion:122 Resp: 421743
 Ion Ratio Lower Upper
 122 100
 107 112.1 90.2 135.4
 121 57.1 45.4 68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.90 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Tgt Ion: 93 Resp: 528551
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.1 39.1
 123 10.5 8.0 12.0

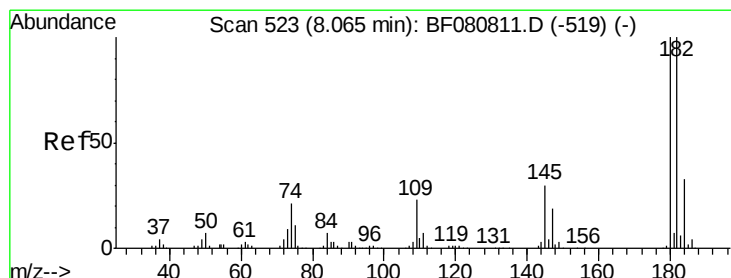
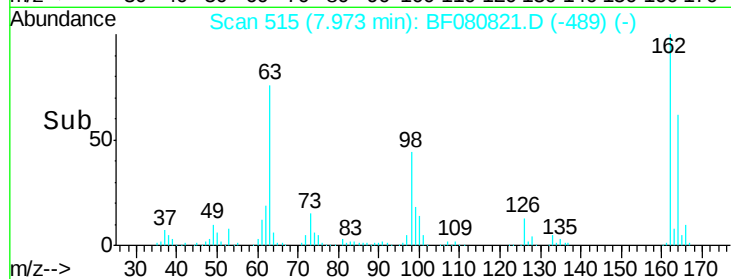
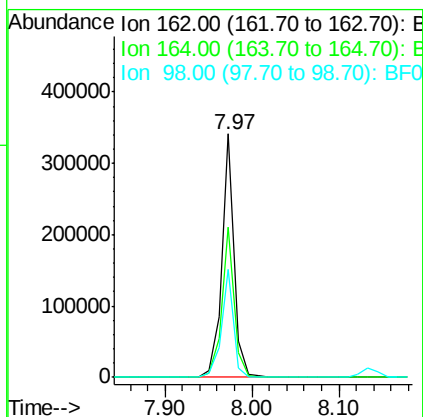
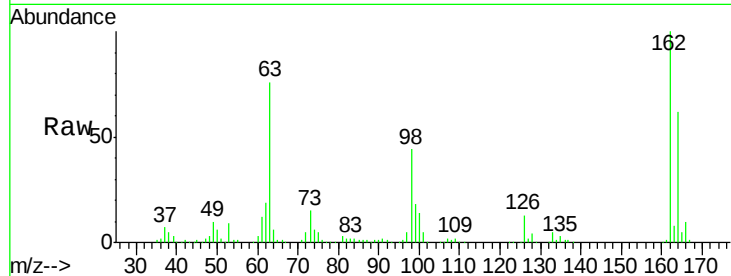




#29
 2,4-Dichlorophenol
 Concen: 42.11 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

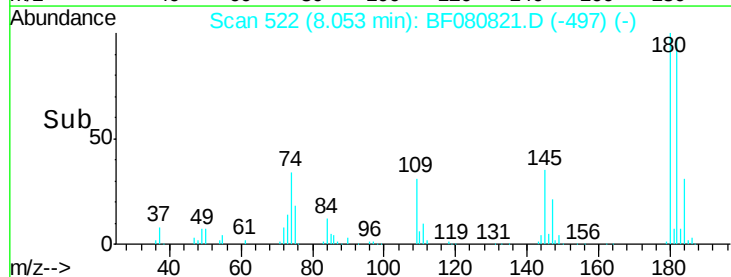
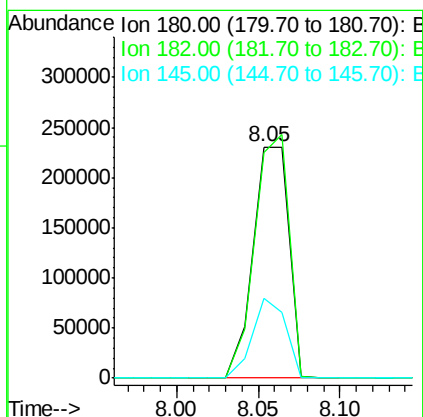
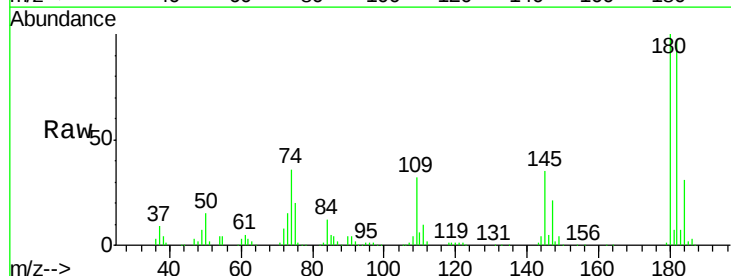
Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

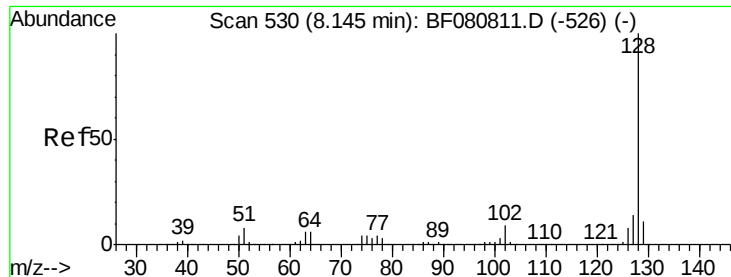
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	45.3	85.3
98	44.4	27.7	67.7



#30
 1,2,4-Trichlorobenzene
 Concen: 39.82 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	79.7	119.5
145	34.6	23.8	35.8

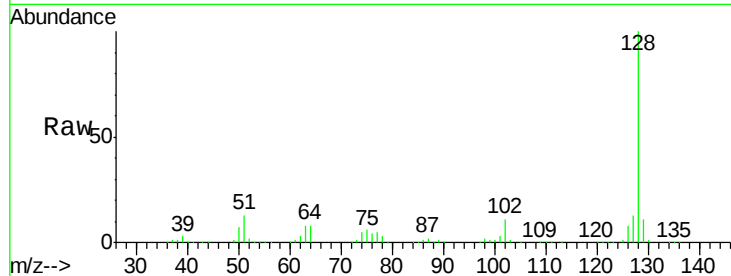




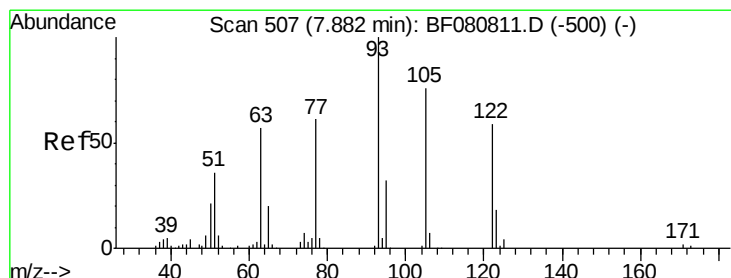
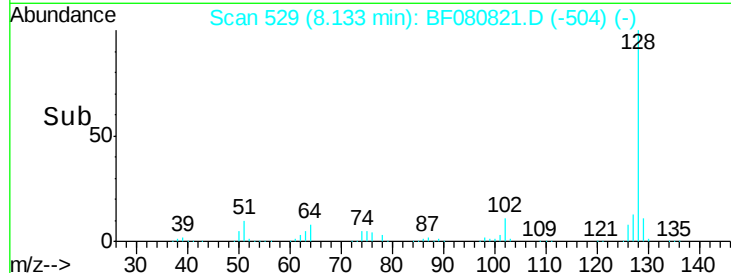
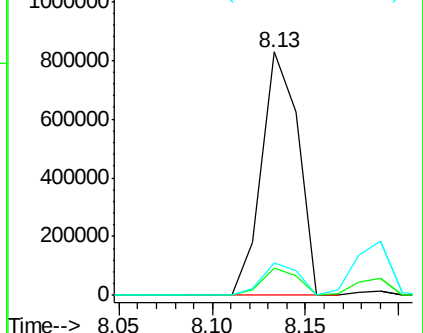
#31
Naphthalene
Concen: 39.72 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Instrument :
BNA_F
ClientSampleId :
PB84719BS

Tot Ion:128 Resp: 1124021
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.4 10.8 16.2

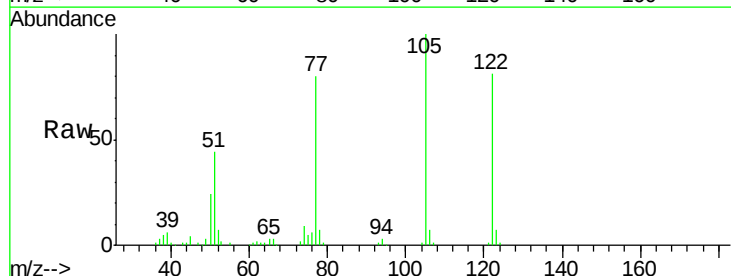


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

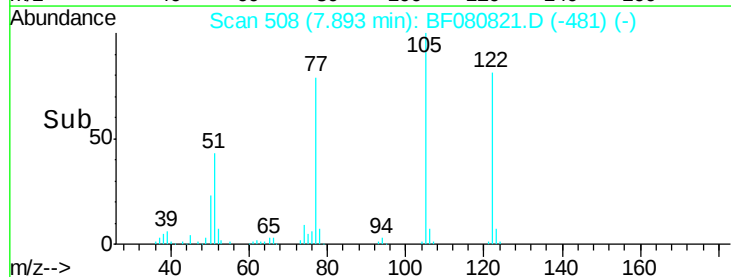
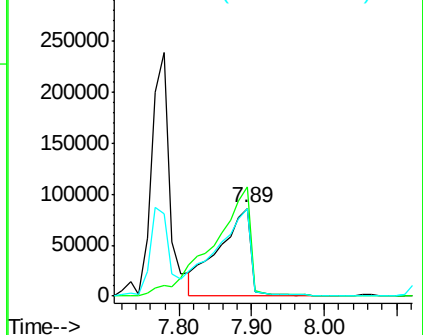


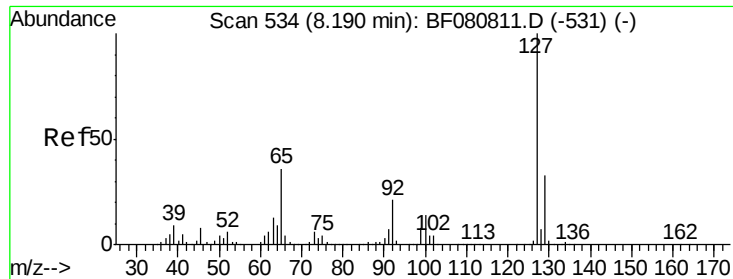
#32
Benzoic acid
Concen: 45.38 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Tgt Ion:122 Resp: 266704
Ion Ratio Lower Upper
122 100
105 124.1 102.3 142.3
77 99.3 81.2 121.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

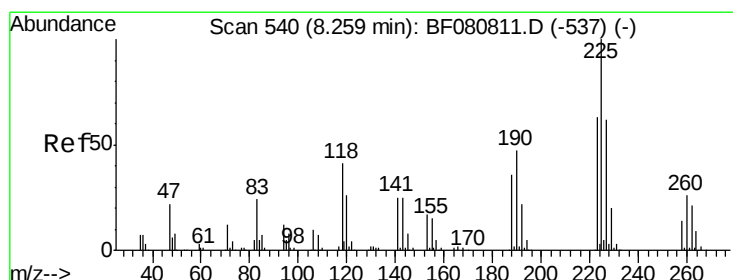
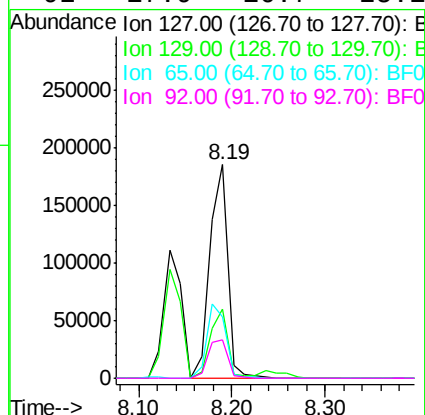
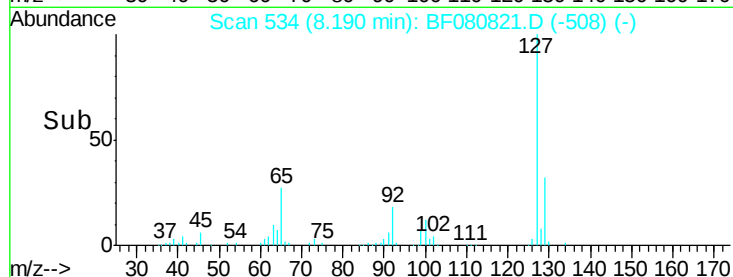
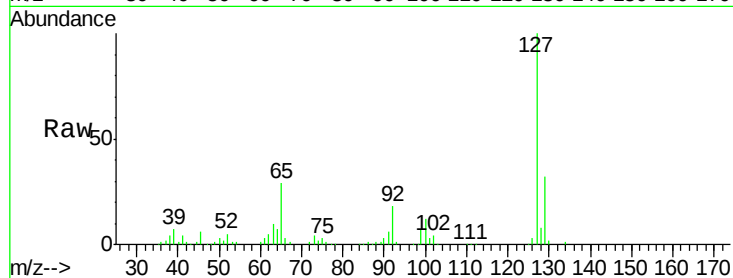




#33
 4-Chloroaniline
 Concen: 20.88 ng
 RT: 8.19 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

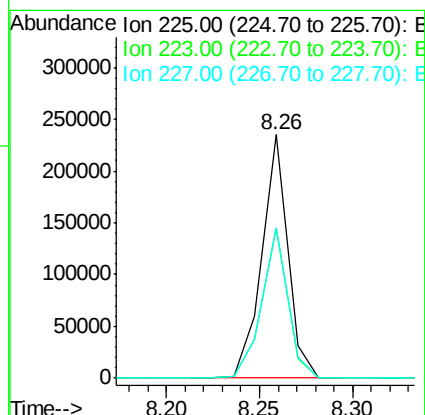
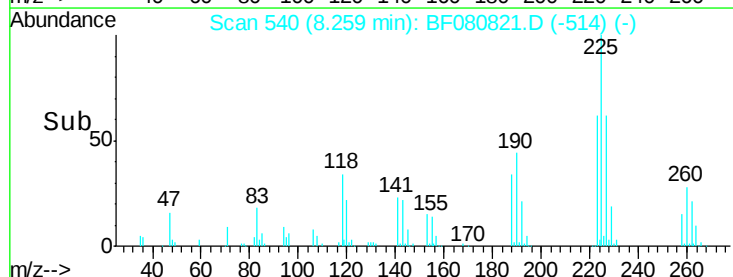
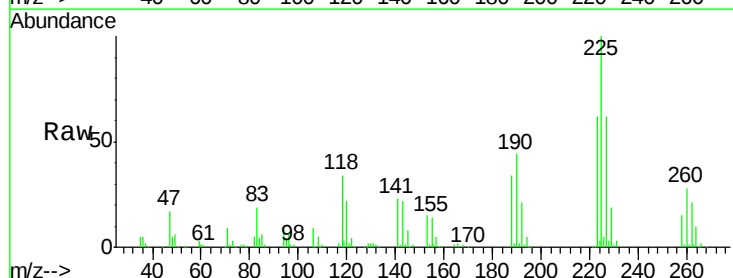
Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

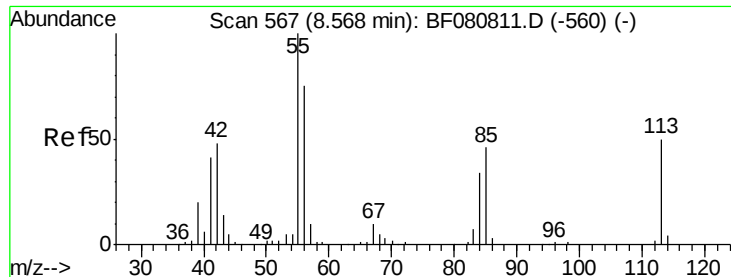
Tot Ion:	127	Resp:	248633
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.1	39.1
65	28.6	28.9	43.3
92	17.9	16.7	25.1



#34
 Hexachlorobutadiene
 Concen: 41.27 ng
 RT: 8.26 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Tgt Ion:	225	Resp:	224380
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.2	75.2
227	61.7	49.7	74.5





#35

Caprolactam

Concen: 34.73 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

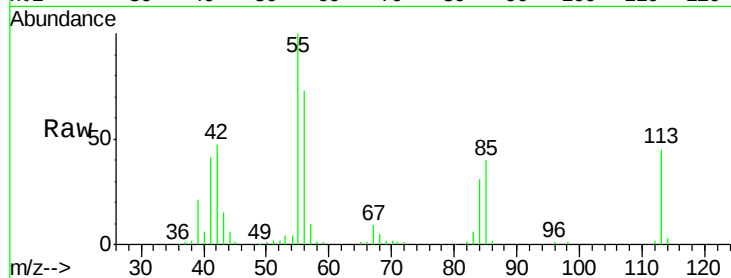
Tot Ion:113 Resp: 78113

Ion Ratio Lower Upper

113 100

55 221.4 179.0 219.0#

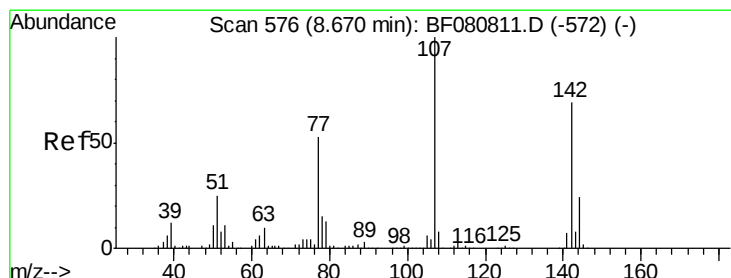
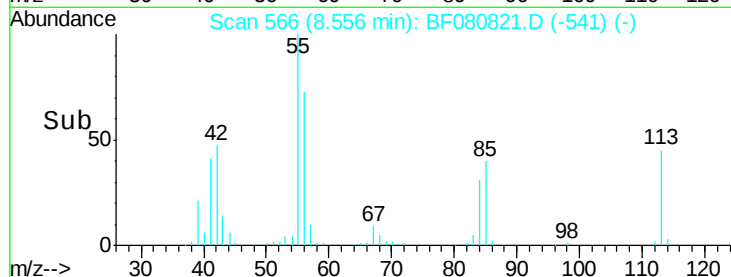
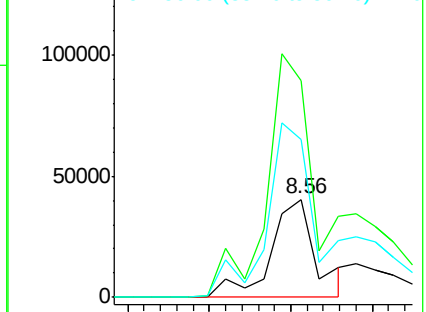
56 160.8 128.2 168.2



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: 42.85 ng

RT: 8.67 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

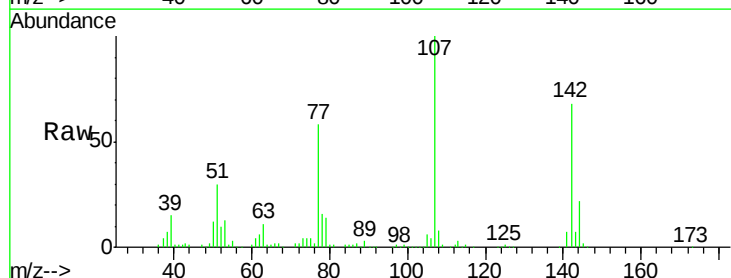
Tgt Ion:107 Resp: 370570

Ion Ratio Lower Upper

107 100

144 22.2 19.0 28.4

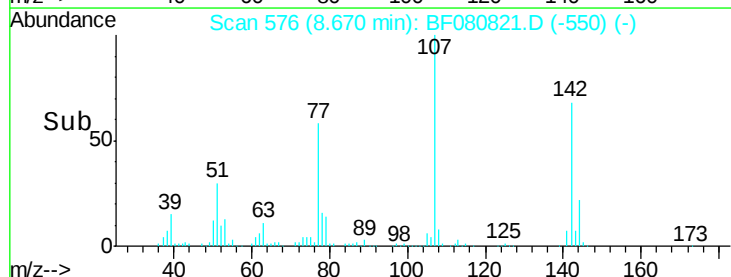
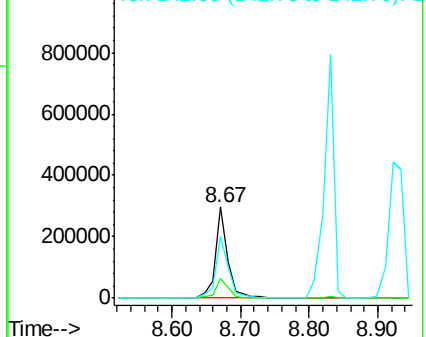
142 68.1 54.9 82.3

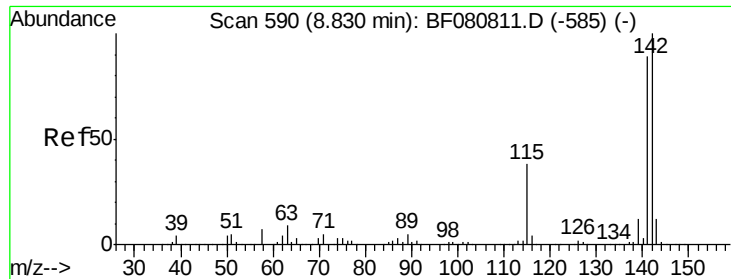


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

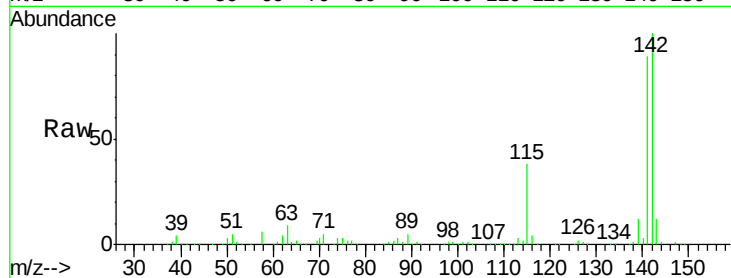




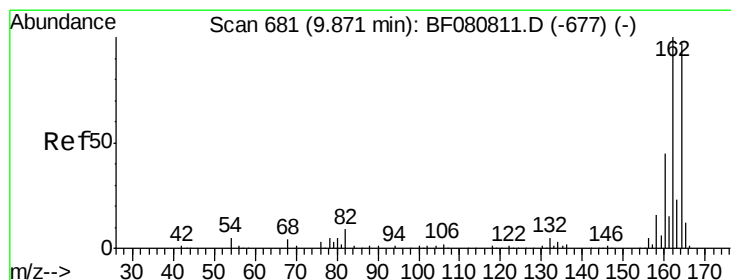
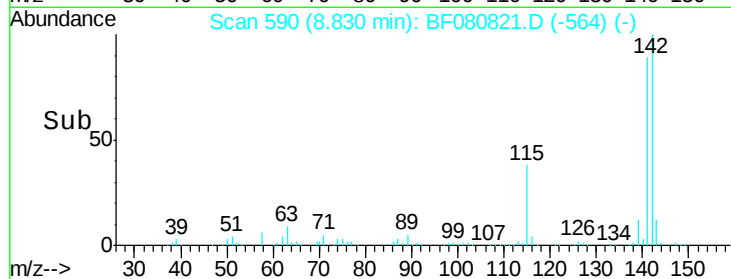
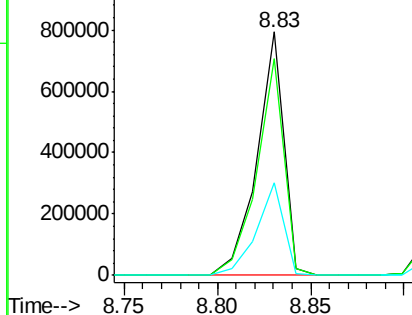
#37
2-Methylnaphthalene
Concen: 44.38 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Instrument :
BNA_F
ClientSampleId :
PB84719BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	37.9	30.6	45.8

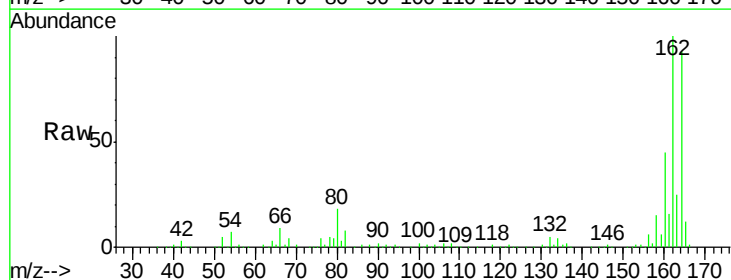


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

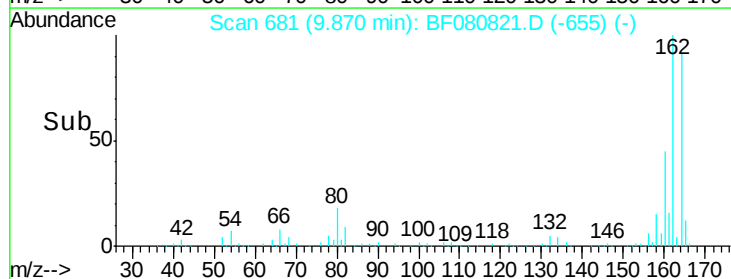
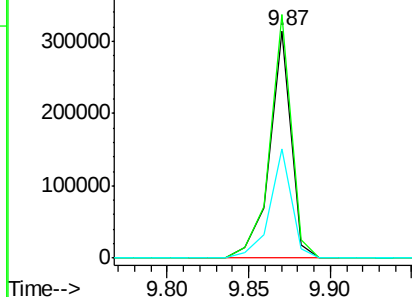


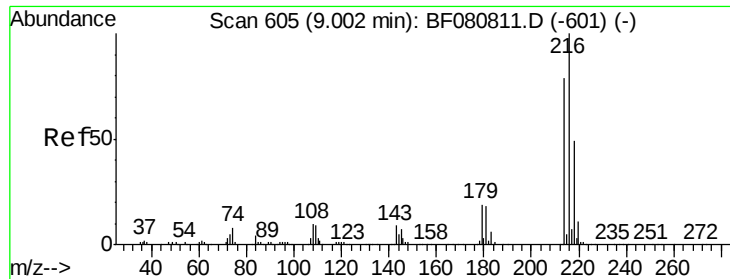
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.3	123.5
160	48.3	37.3	55.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.17 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

Tot Ion:216 Resp: 328194

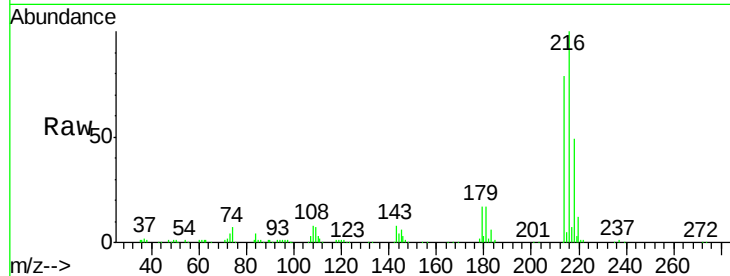
Ion Ratio Lower Upper

216 100

214 78.4 64.0 96.0

179 21.1 16.9 25.3

108 22.0 14.9 22.3

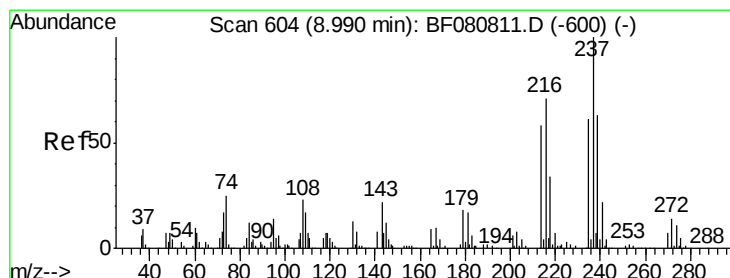
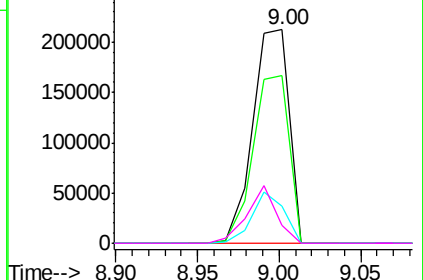
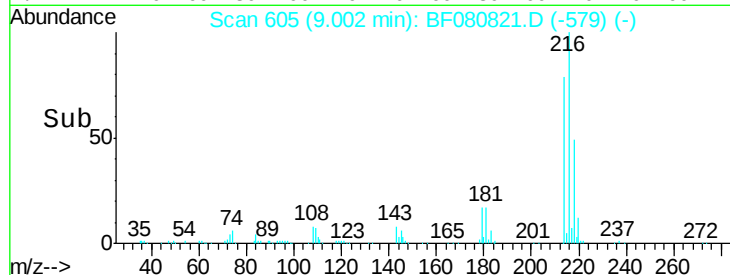


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.64 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

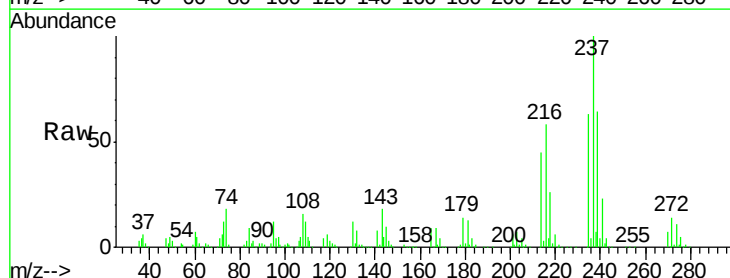
Tgt Ion:237 Resp: 469902

Ion Ratio Lower Upper

237 100

235 63.4 41.5 81.5

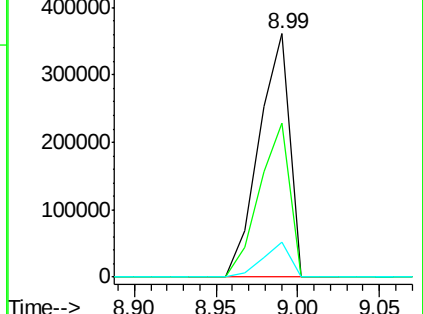
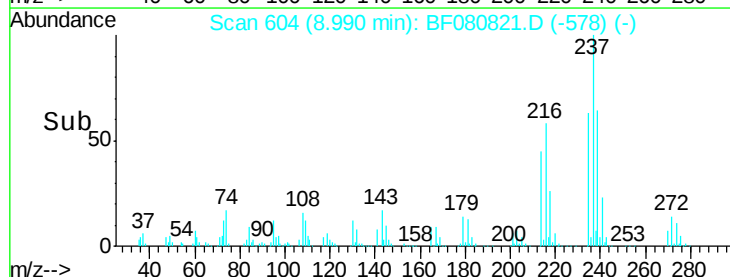
272 14.3 0.0 33.7

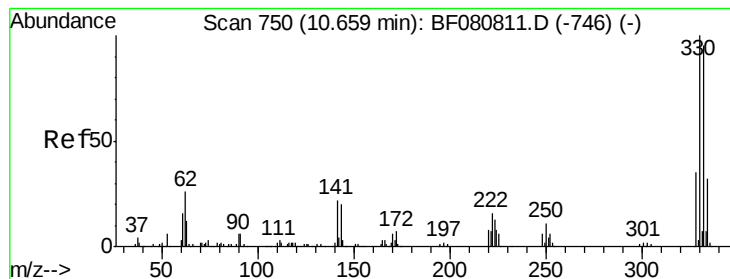


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 136.32 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampled :

PB84719BS

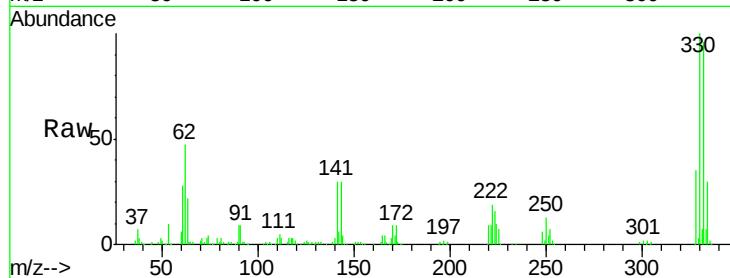
Tot Ion:330 Resp: 373289

Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

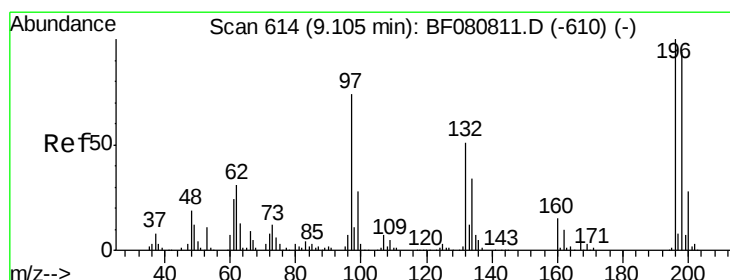
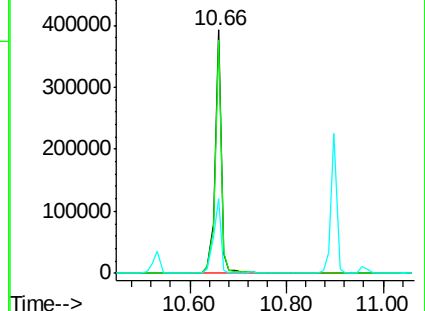
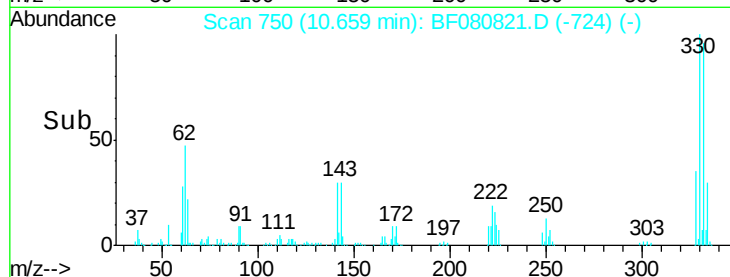
141 35.7 25.4 38.0



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: 37.97 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

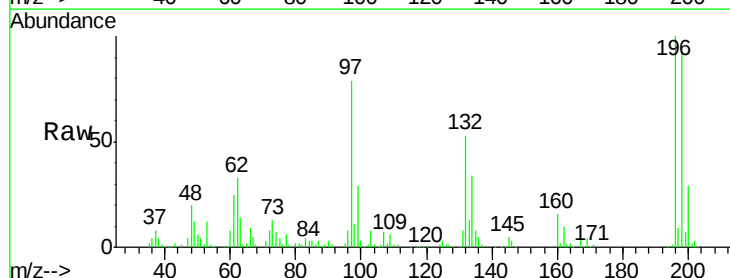
Tgt Ion:196 Resp: 244631

Ion Ratio Lower Upper

196 100

198 92.7 75.3 112.9

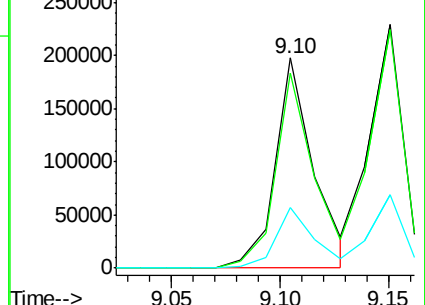
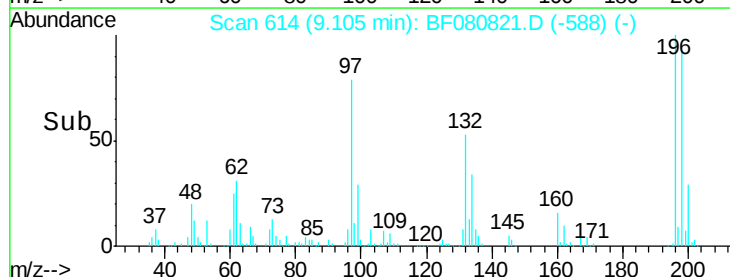
200 28.8 22.7 34.1

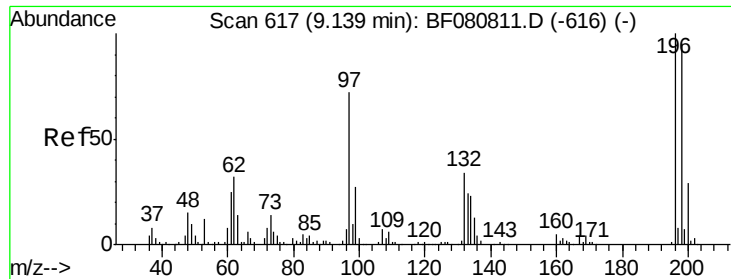


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

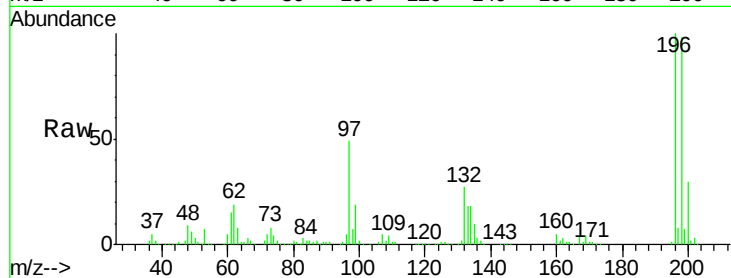




#43
 2,4,5-Trichlorophenol
 Concen: 42.69 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.0	76.3	114.5
97	49.0	58.8	88.2
132	27.2	27.9	41.9



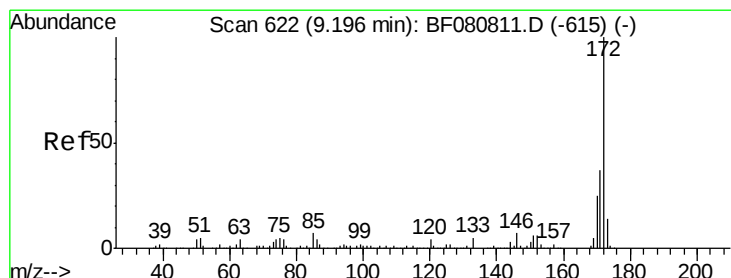
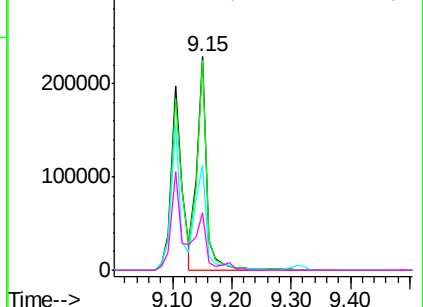
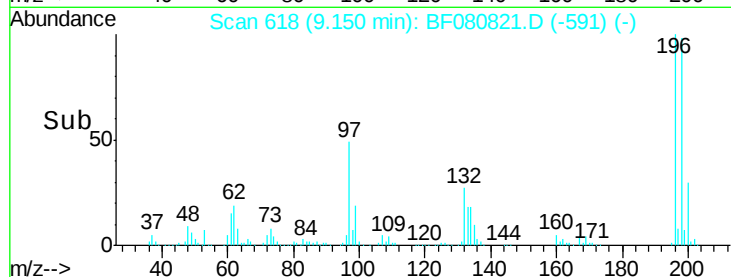
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

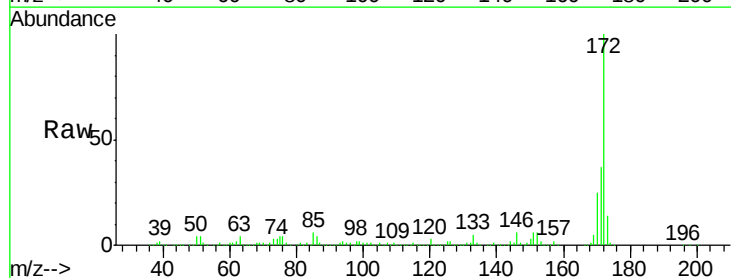
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.77 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	25.3	20.2	30.4

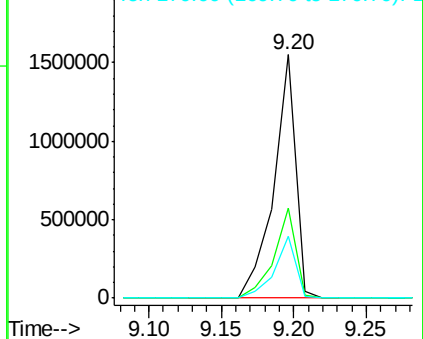
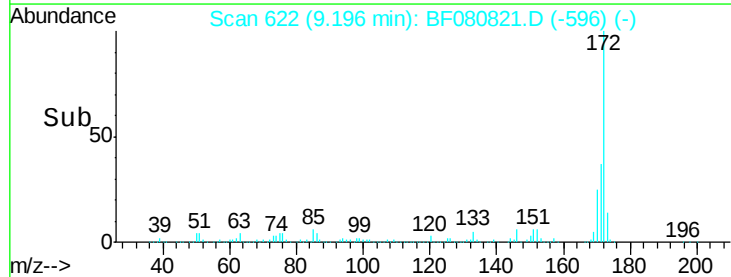


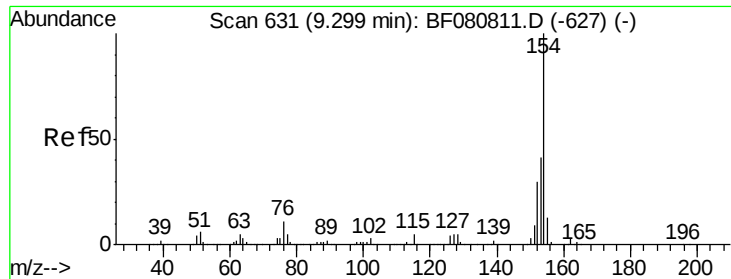
Abundance

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

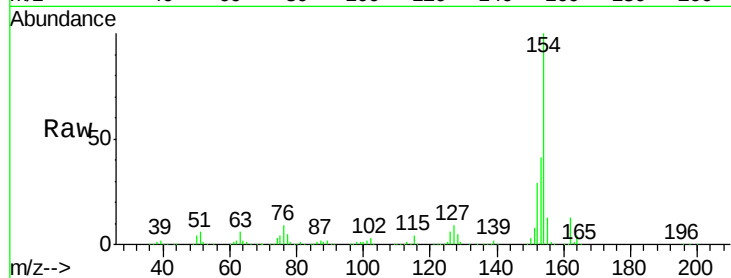




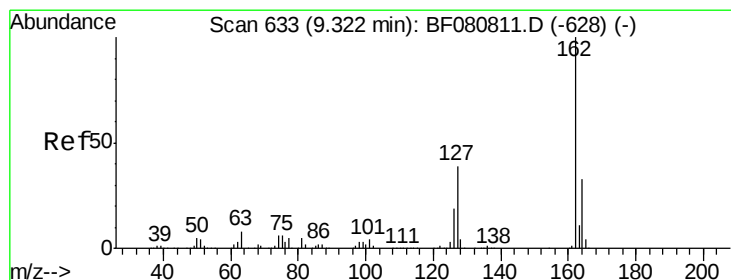
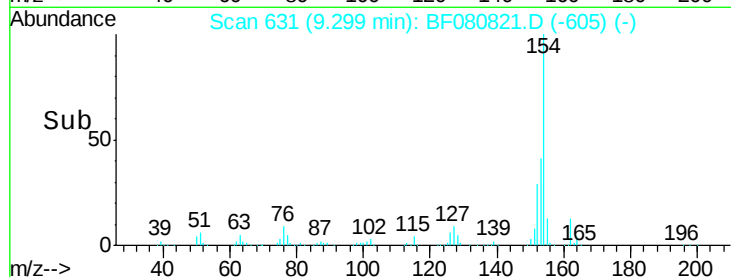
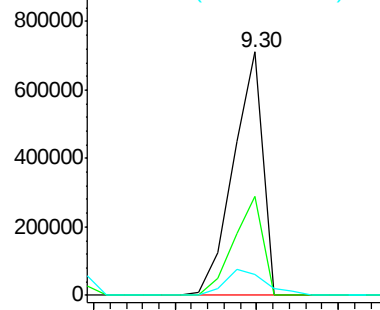
#45
 1,1'-Biphenyl
 Concen: 41.10 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

Tot Ion:154 Resp: 888974
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.1 61.1
 76 8.6 0.0 30.5

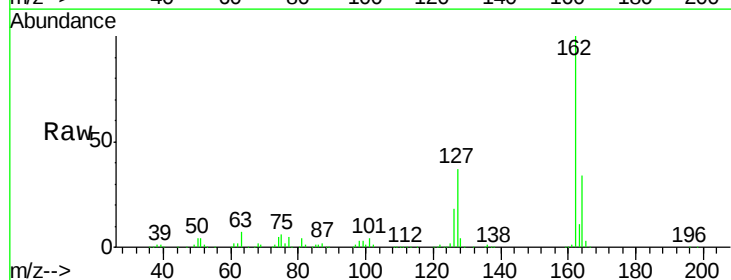


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

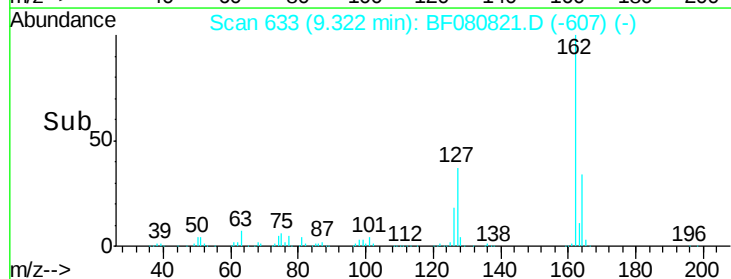
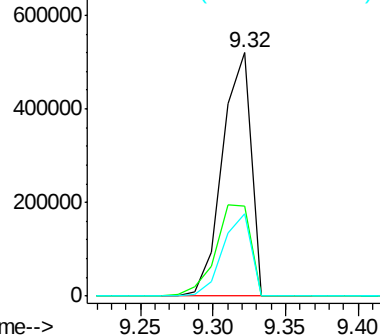


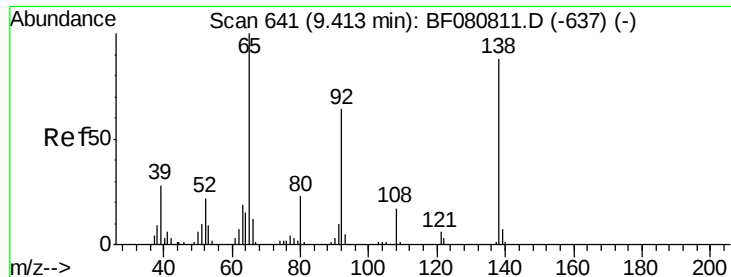
#46
 2-Chloronaphthalene
 Concen: 39.57 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Tgt Ion:162 Resp: 710245
 Ion Ratio Lower Upper
 162 100
 127 36.8 31.0 46.6
 164 33.7 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.92 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

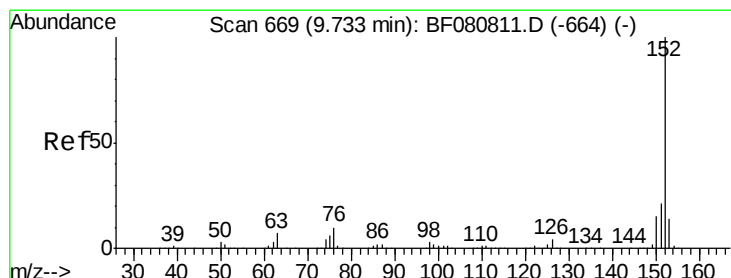
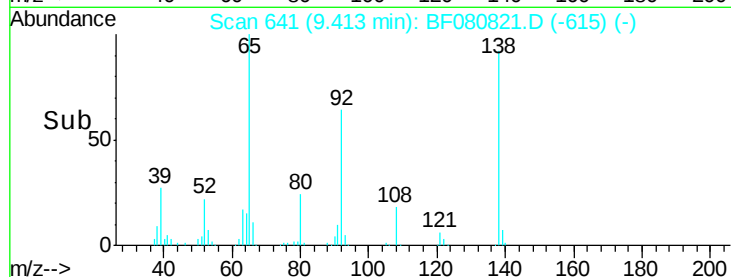
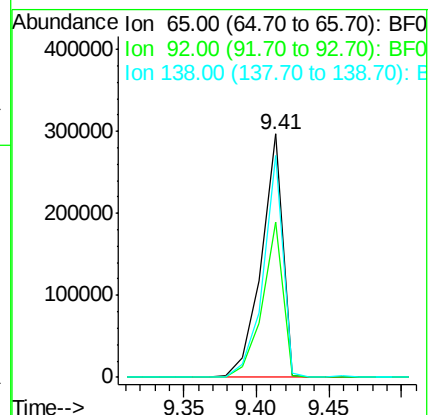
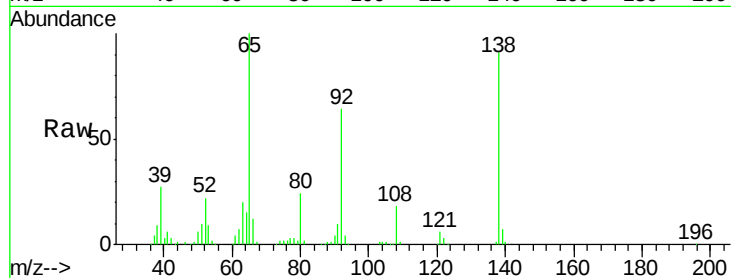
Tot Ion: 65 Resp: 304453

Ion Ratio Lower Upper

65 100

92 63.6 50.9 76.3

138 91.0 70.6 105.8



#48

Acenaphthylene

Concen: 41.76 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

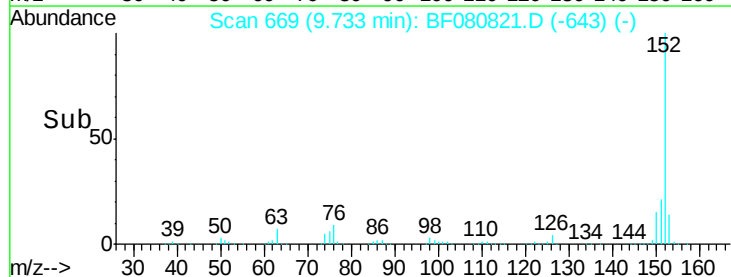
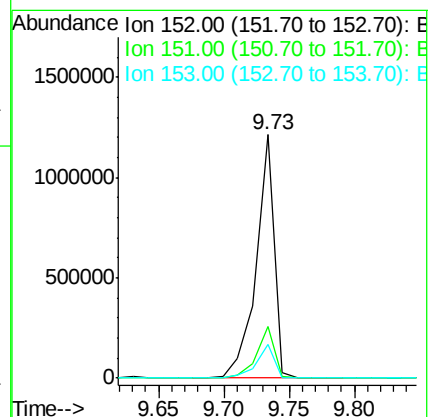
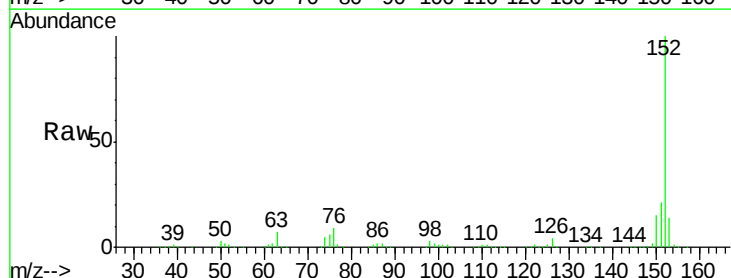
Tgt Ion: 152 Resp: 1168984

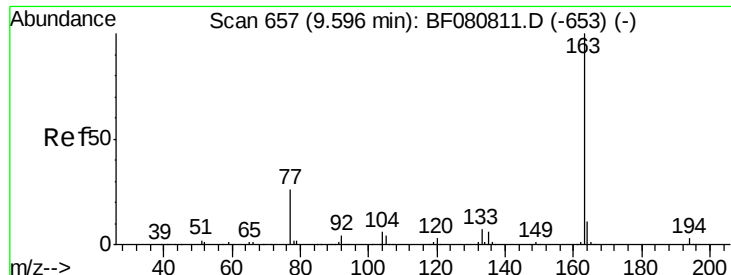
Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

153 13.7 11.0 16.4

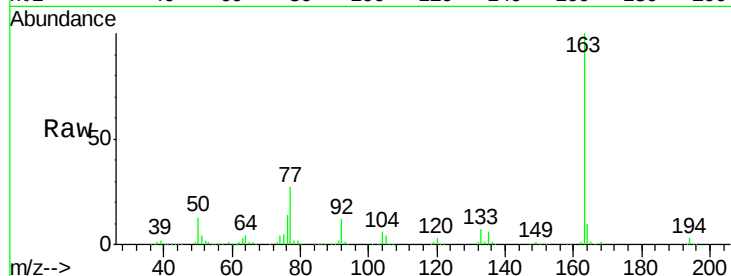




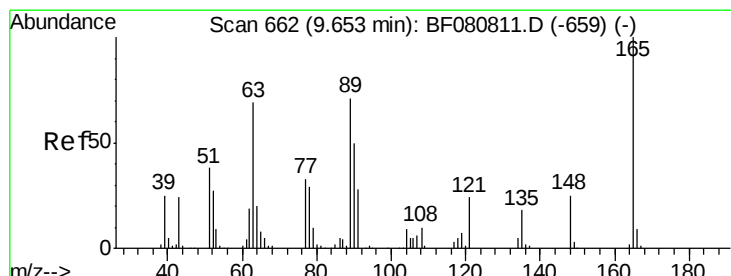
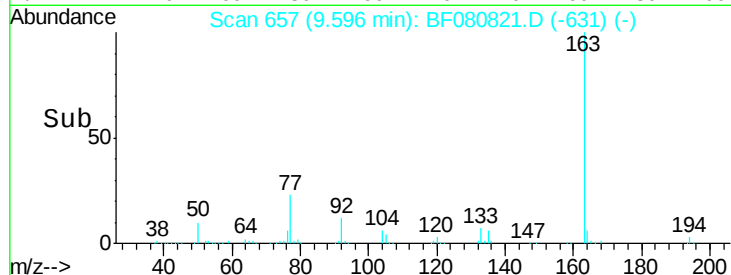
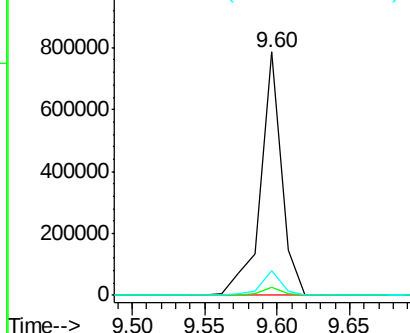
#49
Dimethylphthalate
Concen: 41.15 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Instrument :
BNA_F
ClientSampleId :
PB84719BS

Tot Ion:163 Resp: 785558
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.5 12.7

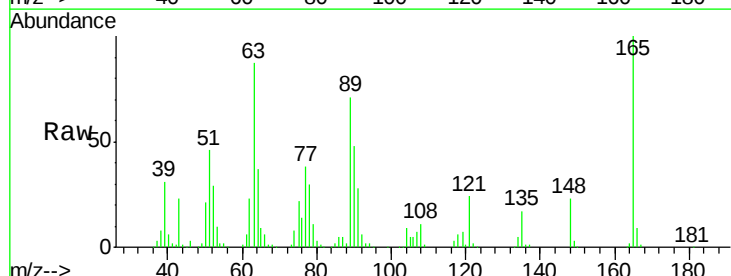


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

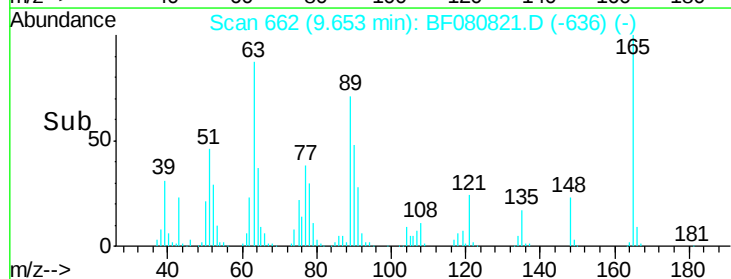
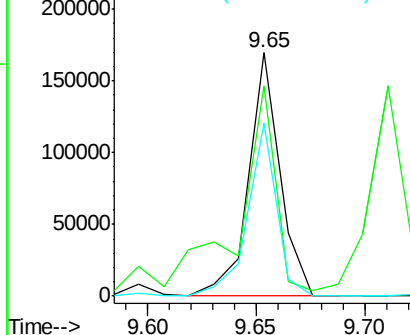


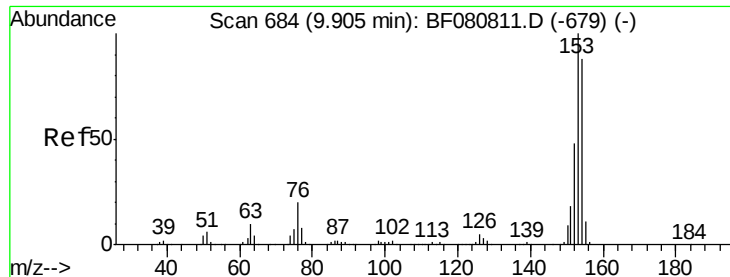
#50
2,6-Dinitrotoluene
Concen: 41.36 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Tgt Ion:165 Resp: 170073
Ion Ratio Lower Upper
165 100
63 86.5 68.2 102.4
89 71.1 56.9 85.3



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: 48.90 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

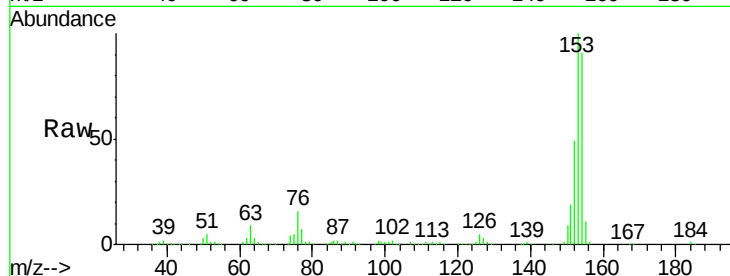
Tot Ion:154 Resp: 824719

Ion Ratio Lower Upper

154 100

153 110.1 91.4 137.2

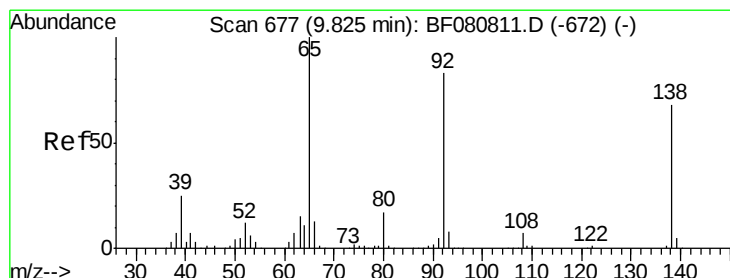
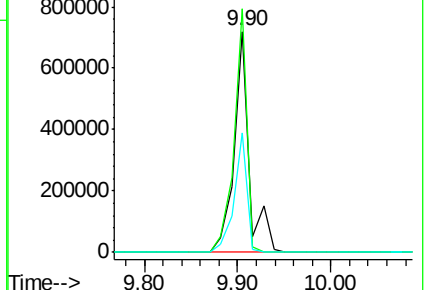
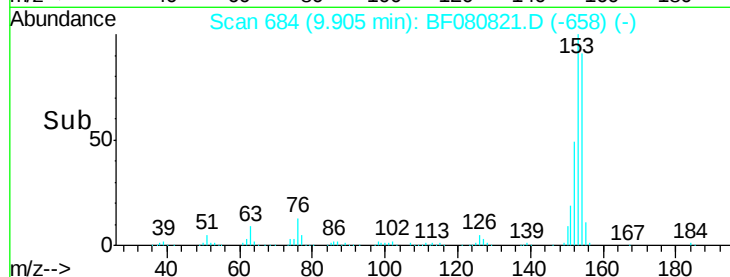
152 54.3 44.1 66.1



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: 26.37 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

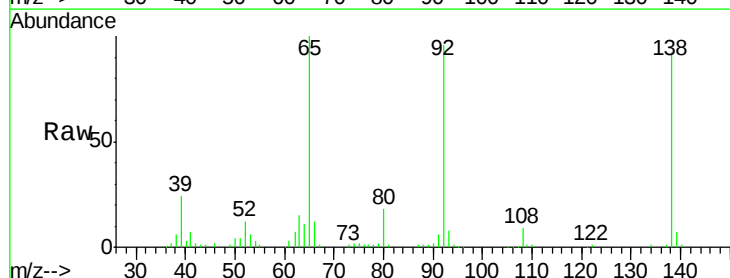
Tgt Ion:138 Resp: 125824

Ion Ratio Lower Upper

138 100

108 9.5 8.6 13.0

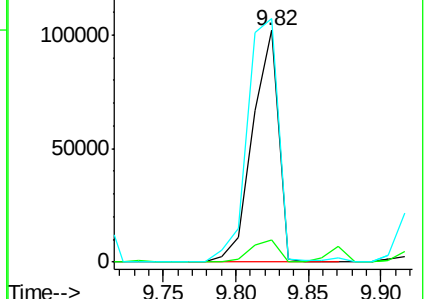
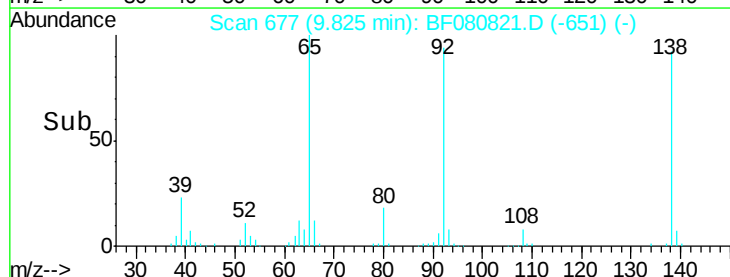
92 105.0 97.4 146.2

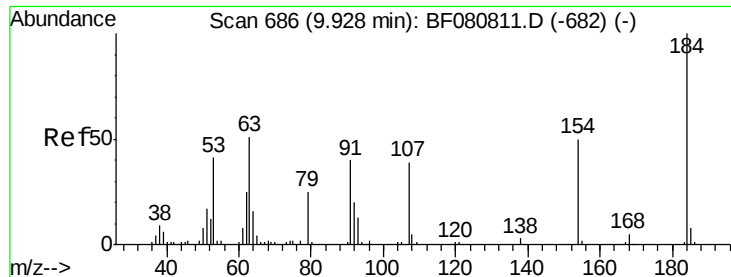


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

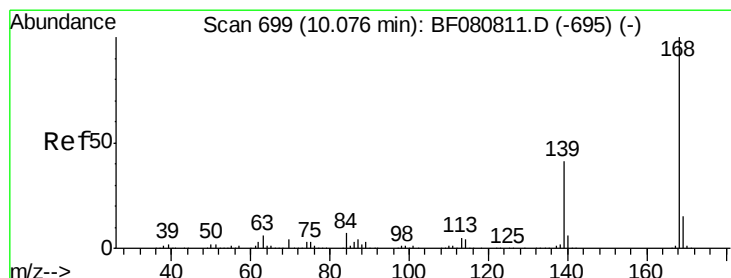
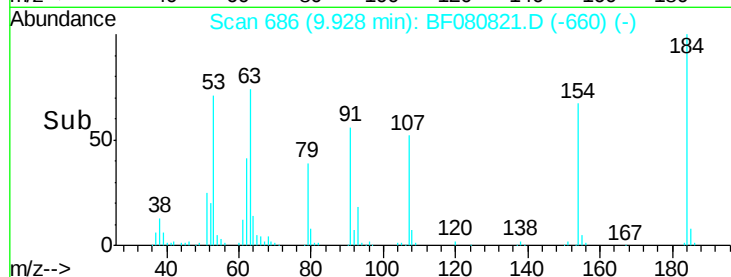
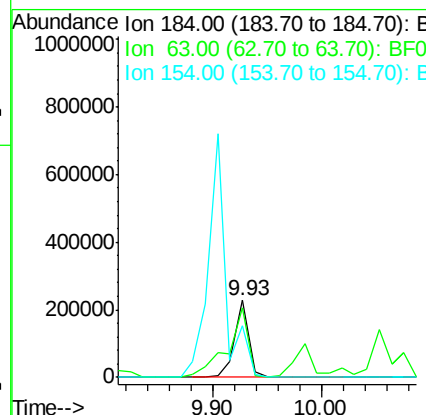
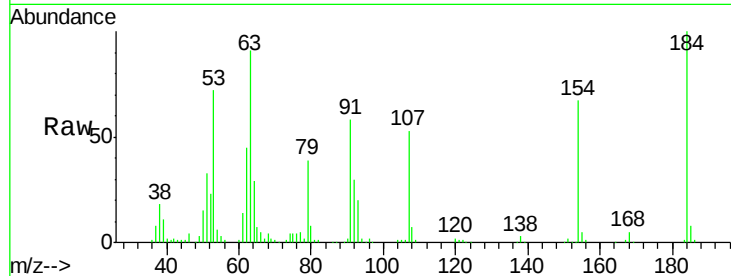




#53
 2,4-Dinitrophenol
 Concen: 98.62 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

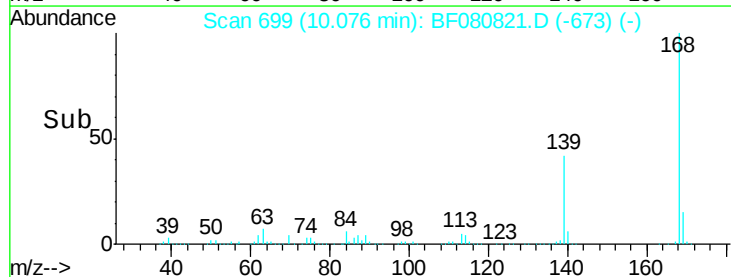
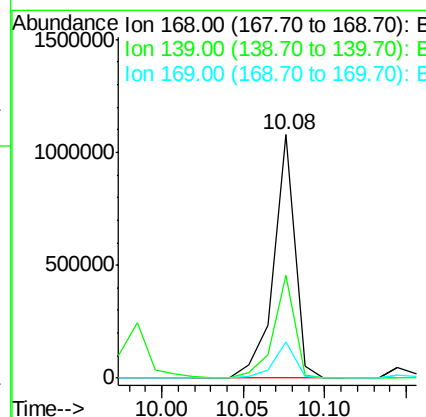
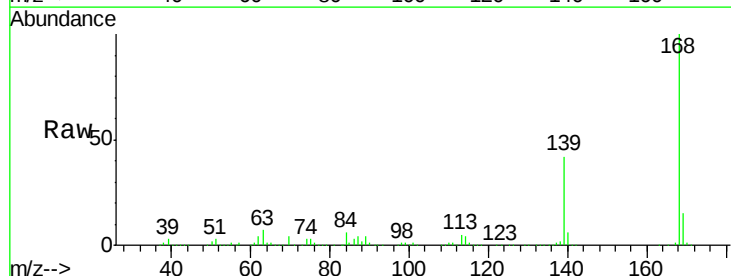
Instrument :
 BNA_F
 ClientSampleID :
 PB84719BS

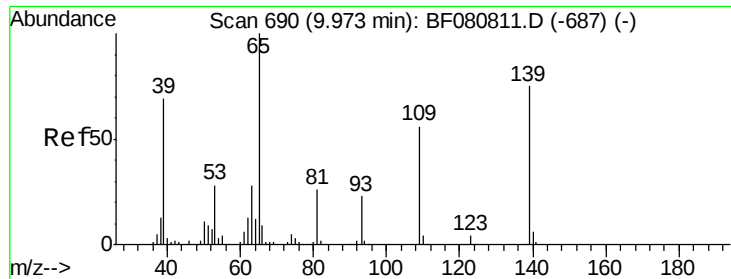
Tot Ion:184 Resp: 207452
 Ion Ratio Lower Upper
 184 100
 63 90.9 42.2 63.2#
 154 67.3 47.4 71.0



#54
 Dibenzofuran
 Concen: 43.76 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Tgt Ion:168 Resp: 976926
 Ion Ratio Lower Upper
 168 100
 139 42.2 32.8 49.2
 169 14.9 11.6 17.4

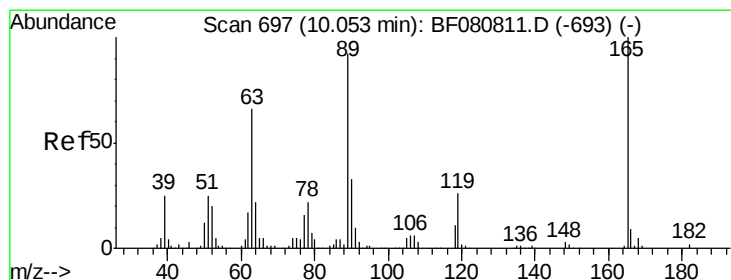
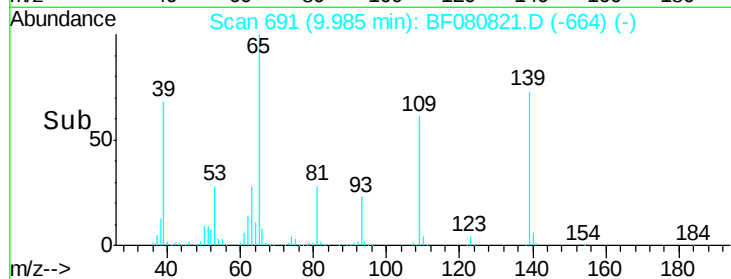
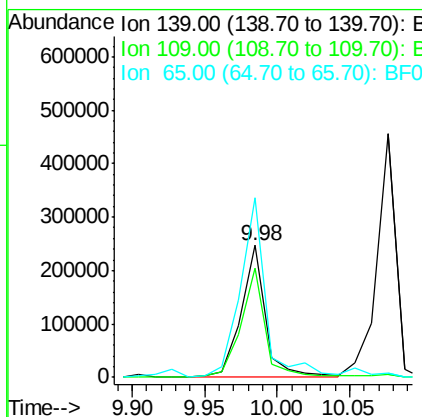
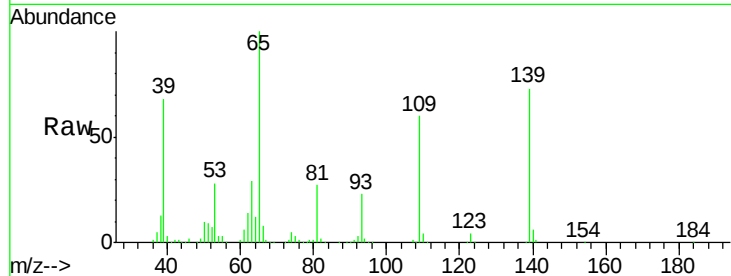




#55
4-Nitrophenol
Concen: 85.83 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

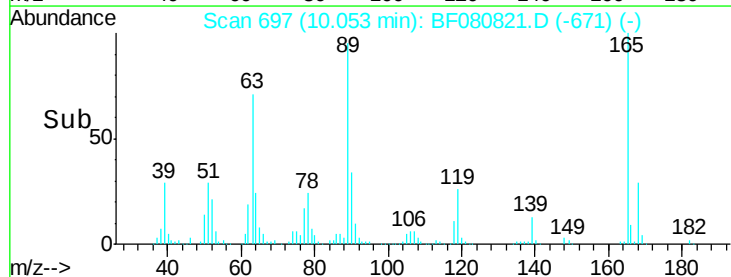
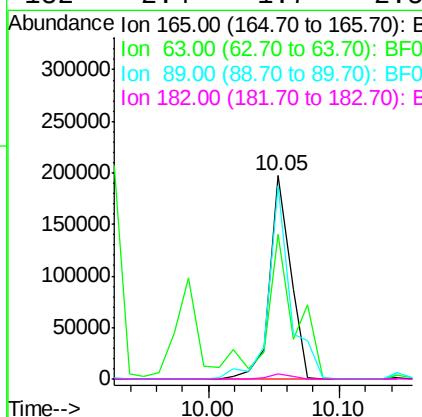
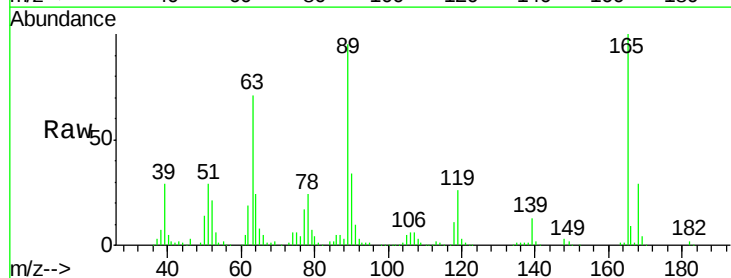
Instrument :
BNA_F
ClientSampleId :
PB84719BS

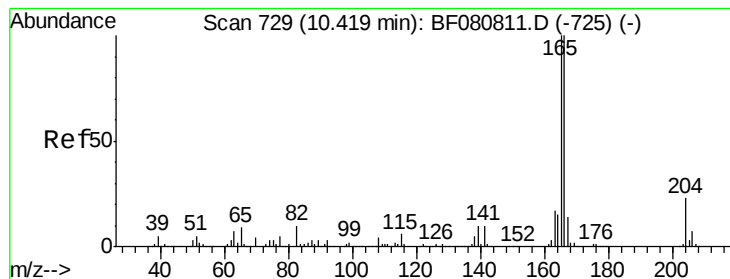
Tot Ion:139 Resp: 292704
Ion Ratio Lower Upper
139 100
109 82.6 55.1 95.1
65 136.7 113.9 153.9



#56
2,4-Dinitrotoluene
Concen: 42.64 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Tgt Ion:165 Resp: 221631
Ion Ratio Lower Upper
165 100
63 71.2 53.3 79.9
89 95.5 73.5 110.3
182 2.4 1.7 2.5





#57

Fluorene

Concen: 45.76 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

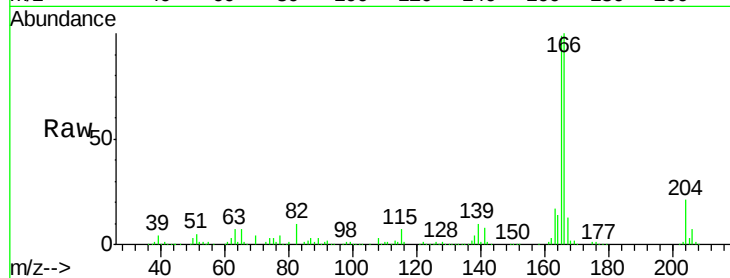
Tot Ion:166 Resp: 792495

Ion Ratio Lower Upper

166 100

165 99.2 79.9 119.9

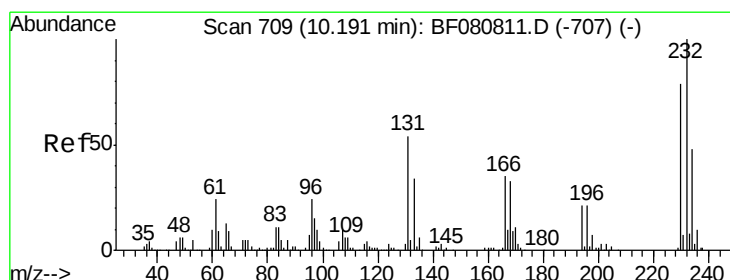
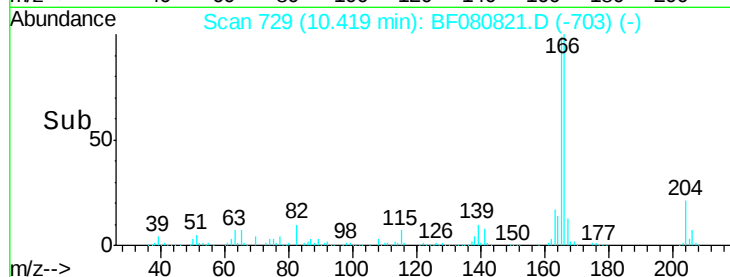
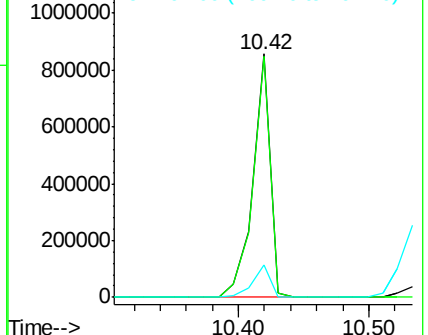
167 13.4 10.8 16.2



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: 47.13 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Tgt Ion:232 Resp: 213718

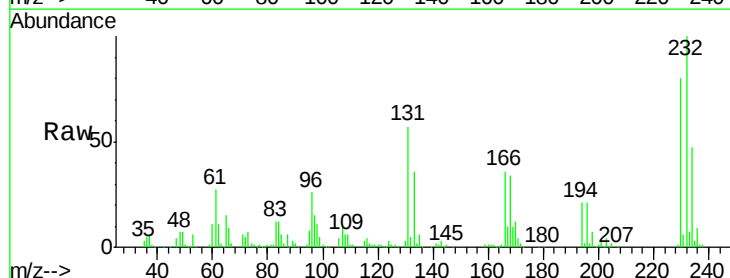
Ion Ratio Lower Upper

232 100

131 49.9 41.9 62.9

130 2.3 2.0 3.0

166 31.2 26.4 39.6

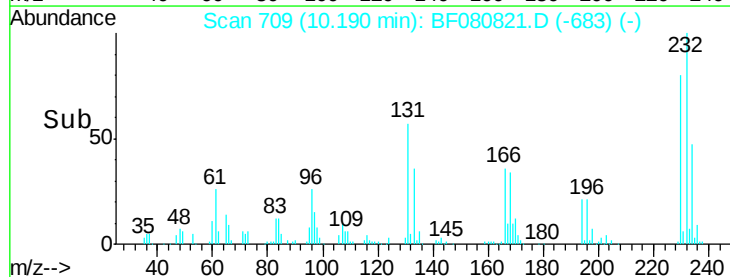
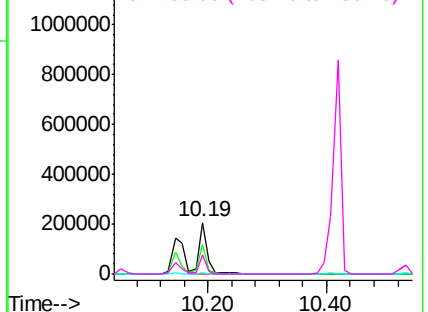


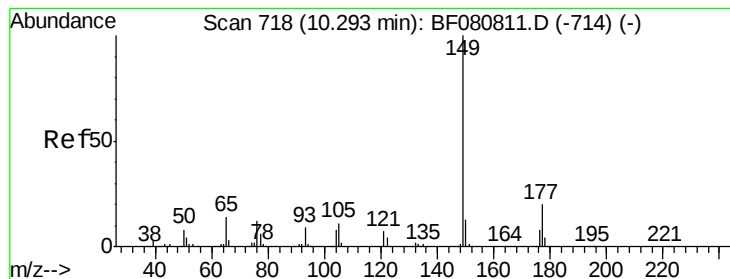
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.33 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

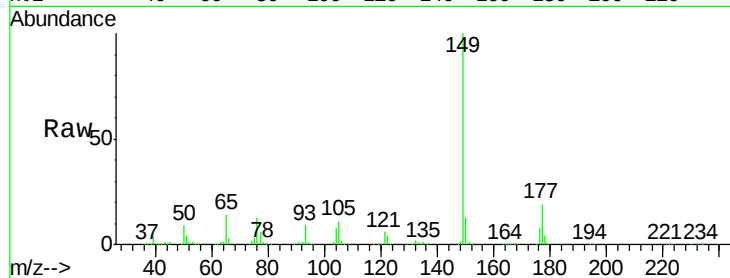
Tot Ion:149 Resp: 789975

Ion Ratio Lower Upper

149 100

177 19.3 16.2 24.2

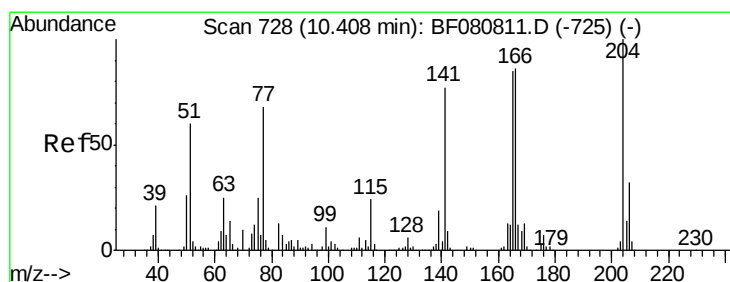
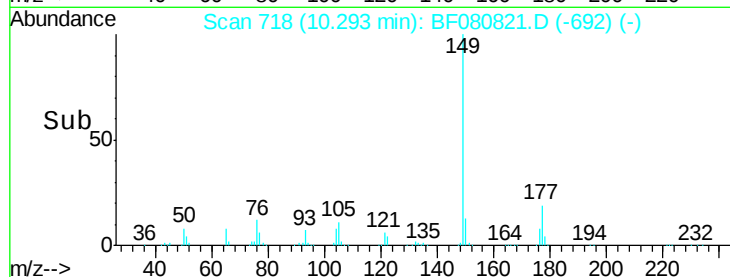
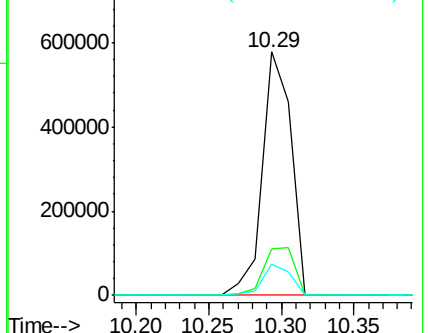
150 12.7 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.34 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

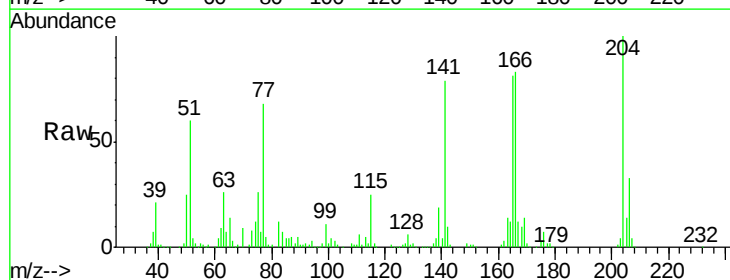
Tgt Ion:204 Resp: 334197

Ion Ratio Lower Upper

204 100

206 33.4 25.6 38.4

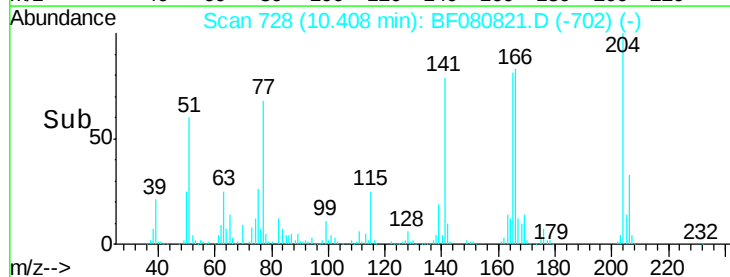
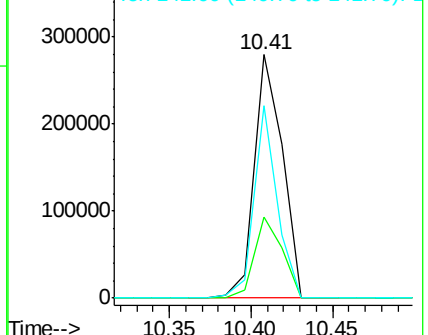
141 79.0 61.2 91.8

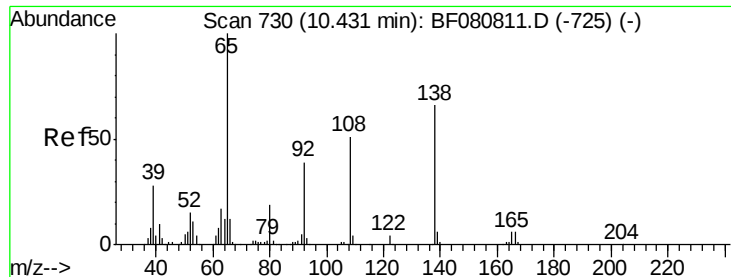


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

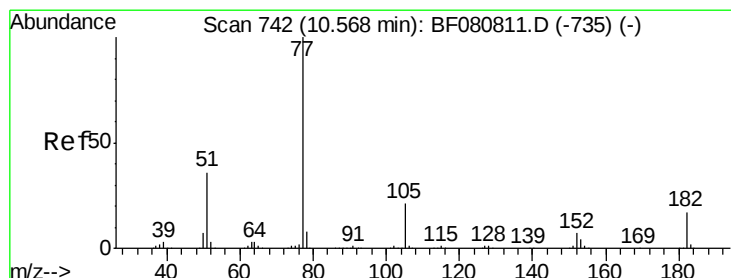
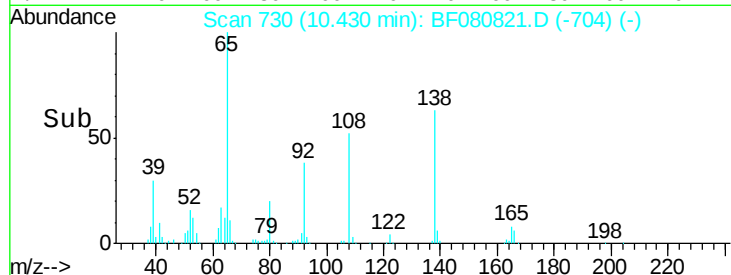
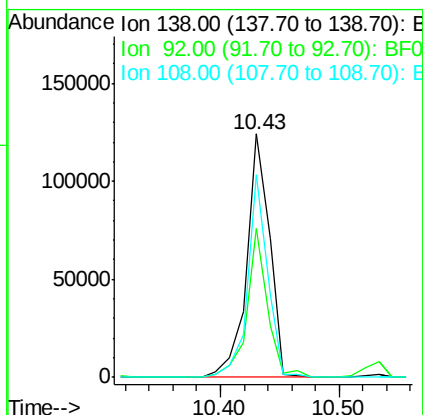
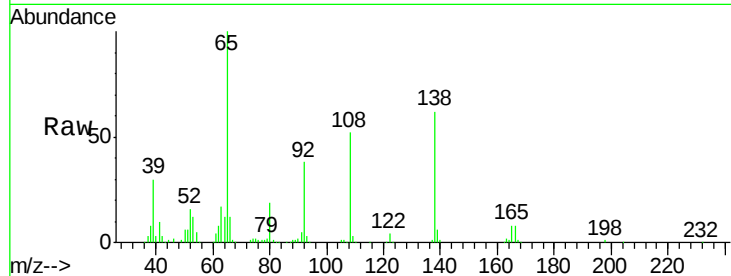




#61
4-Nitroaniline
Concen: 37.82 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

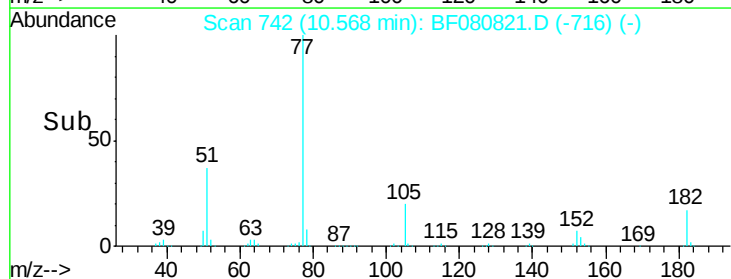
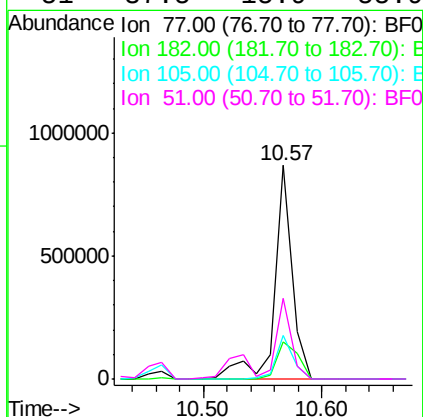
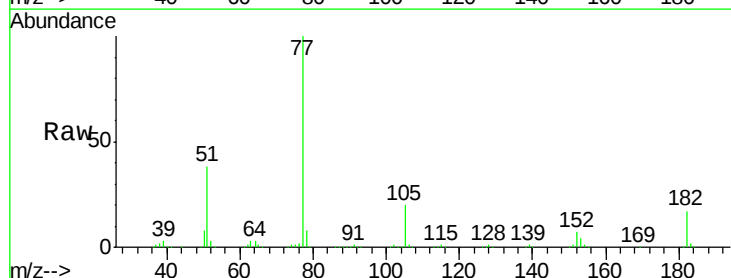
Instrument :
BNA_F
ClientSampleId :
PB84719BS

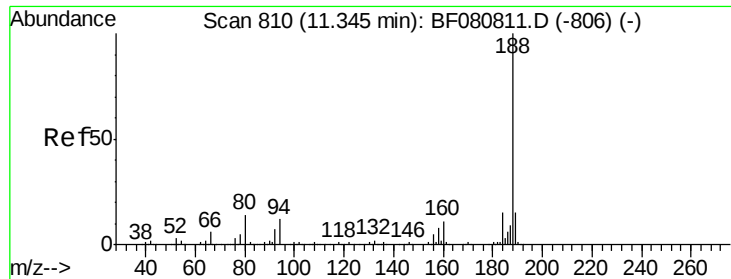
Tot Ion:138 Resp: 167029
Ion Ratio Lower Upper
138 100
92 61.0 38.7 78.7
108 83.0 56.8 96.8



#62
Azobenzene
Concen: 42.65 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Tgt Ion: 77 Resp: 900857
Ion Ratio Lower Upper
77 100
182 17.2 0.0 37.4
105 20.5 0.9 40.9
51 37.5 15.9 55.9

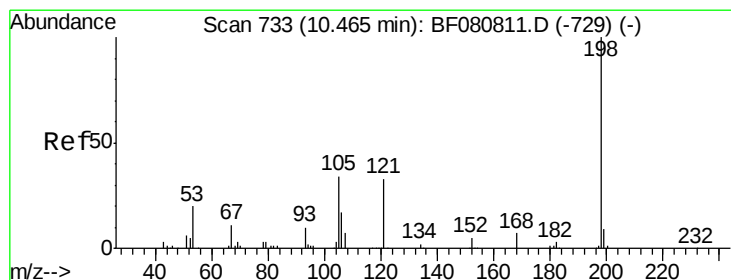
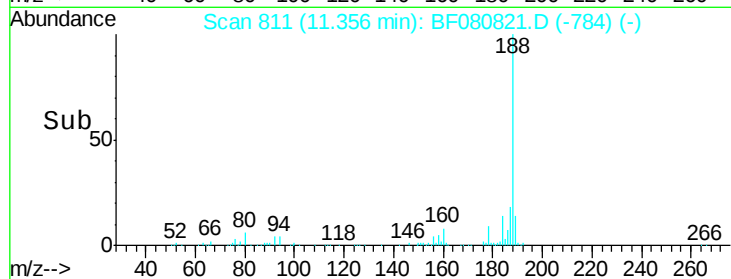
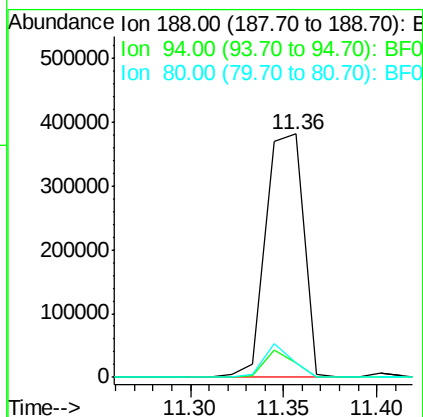
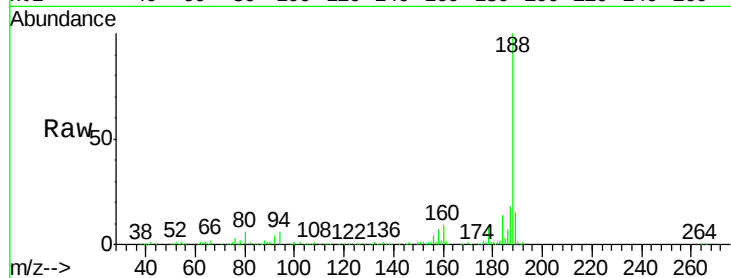




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

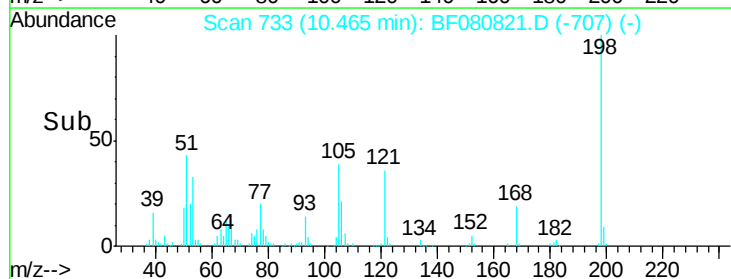
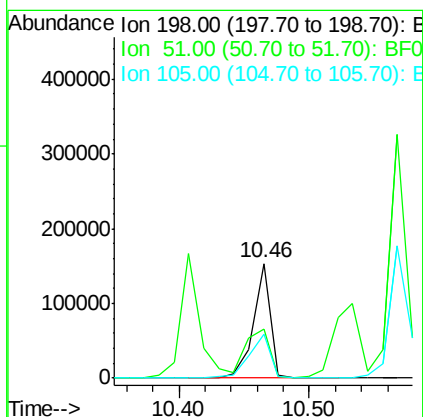
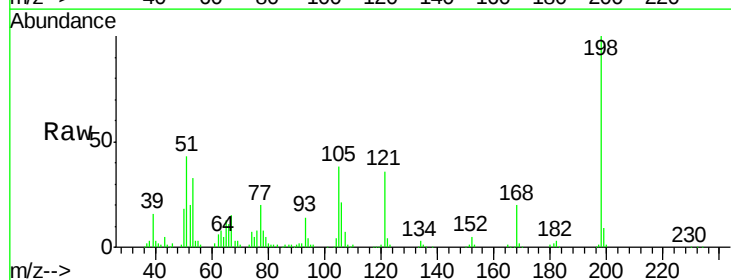
Instrument :
BNA_F
ClientSampleId :
PB84719BS

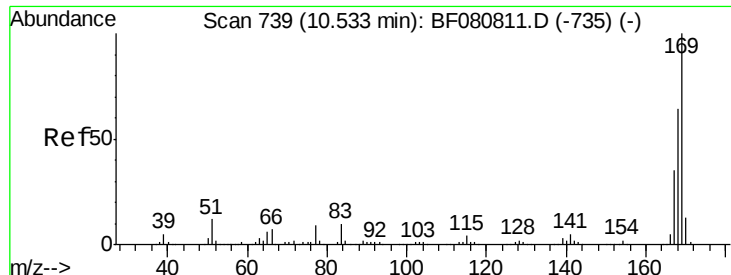
Tot Ion:188 Resp: 536947
Ion Ratio Lower Upper
188 100
94 6.2 9.7 14.5#
80 6.1 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 42.21 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Tgt Ion:198 Resp: 139726
Ion Ratio Lower Upper
198 100
51 43.1 13.9 53.9
105 38.5 14.1 54.1

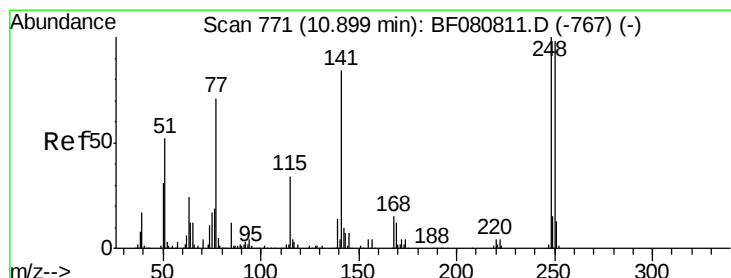
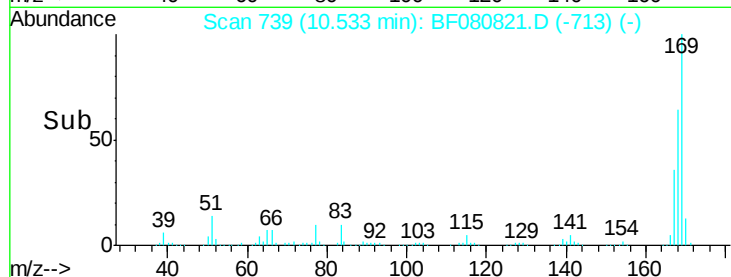
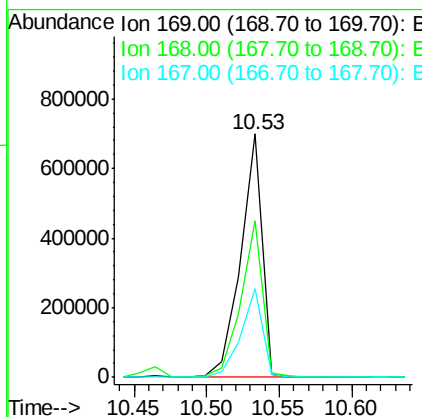
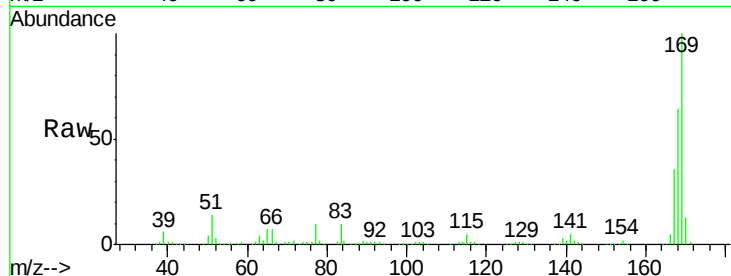




#65
 n-Nitrosodiphenylamine
 Concen: 38.24 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

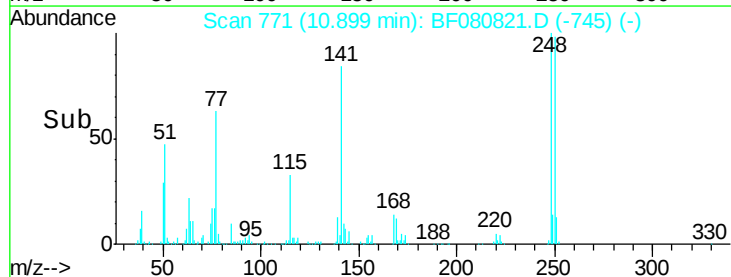
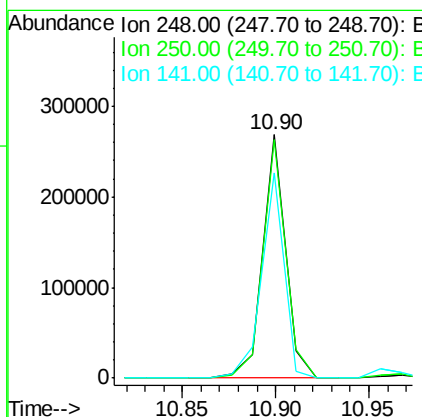
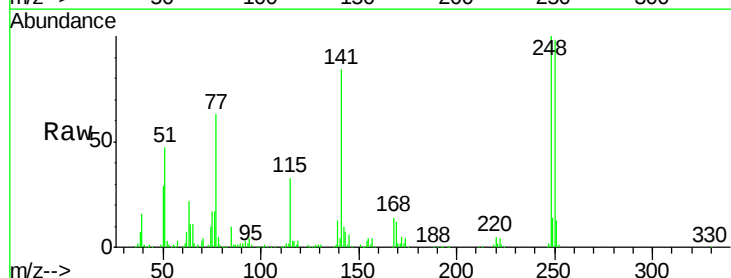
Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

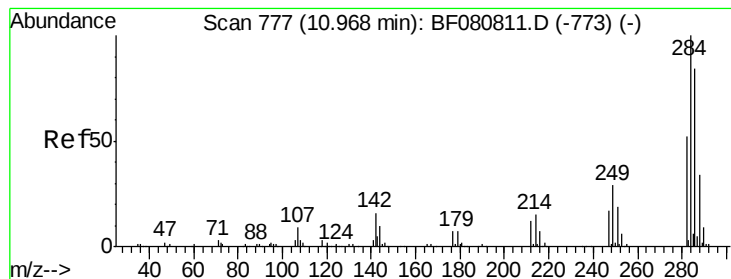
Tot Ion	Ratio	Lower	Upper
169	100		
168	64.1	50.9	76.3
167	36.4	27.7	41.5



#66
 4-Bromophenyl-phenylether
 Concen: 38.21 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.4	117.6
141	84.3	67.3	100.9





#67

Hexachlorobenzene

Concen: 39.82 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

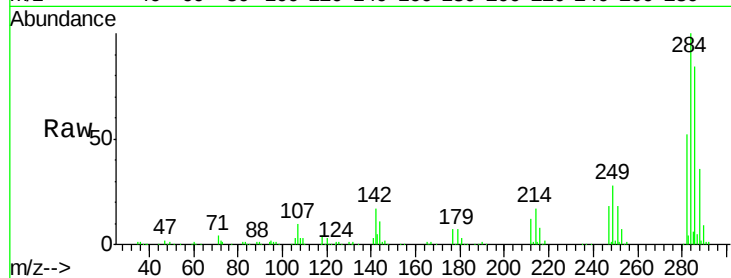
Tot Ion:284 Resp: 265929

Ion Ratio Lower Upper

284 100

142 17.4 13.0 19.4

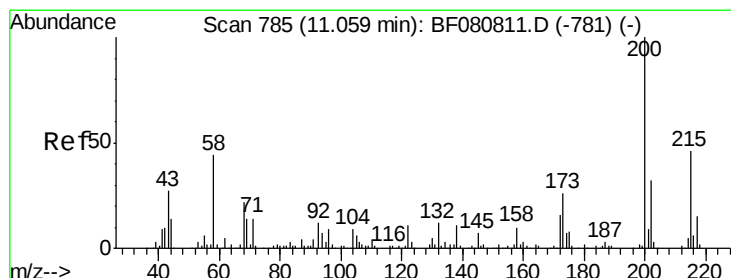
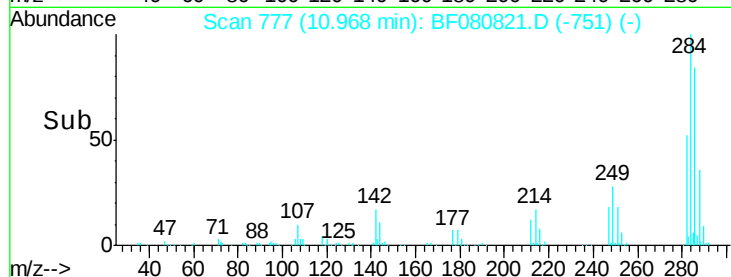
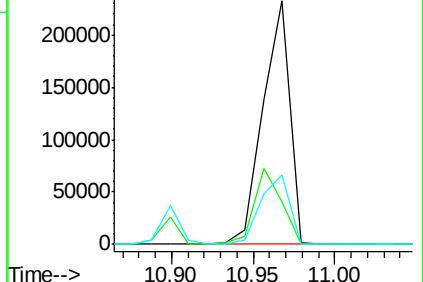
249 28.4 22.9 34.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.83 ng

RT: 11.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

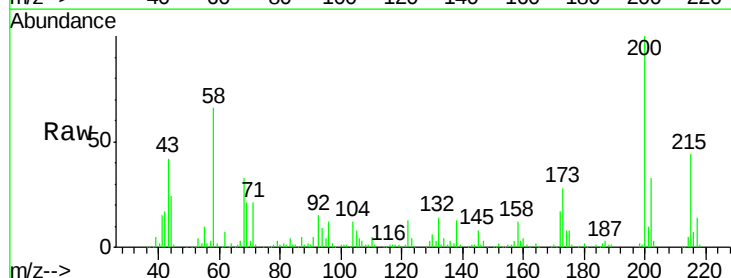
Tgt Ion:200 Resp: 213553

Ion Ratio Lower Upper

200 100

173 28.0 6.0 46.0

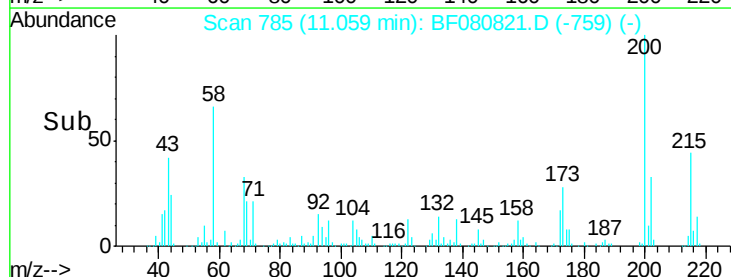
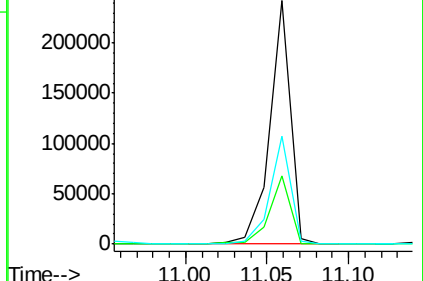
215 44.3 26.4 66.4

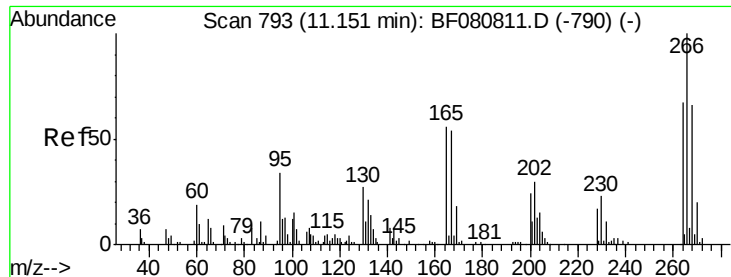


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

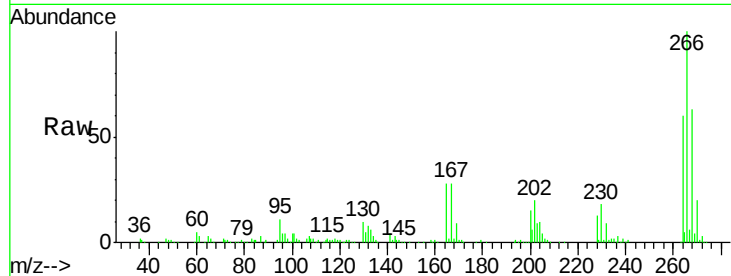




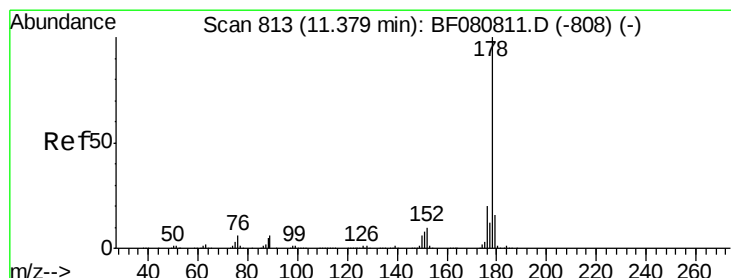
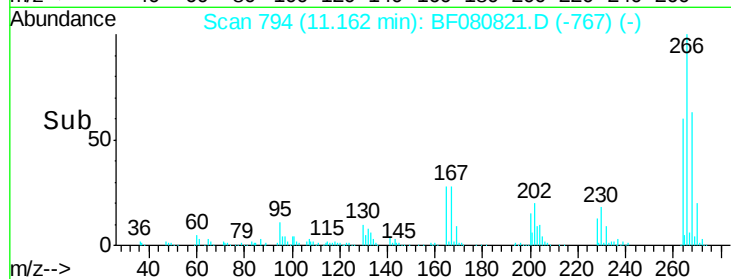
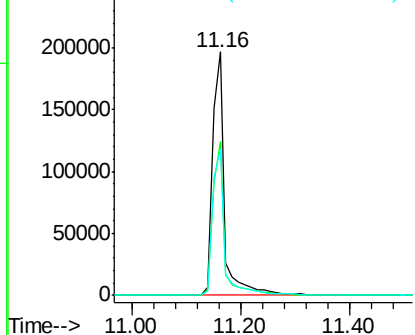
#69
 Pentachlorophenol
 Concen: 85.61 ng
 RT: 11.16 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

Tot Ion:266 Resp: 305199
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.7 79.1
 264 60.3 53.4 80.0

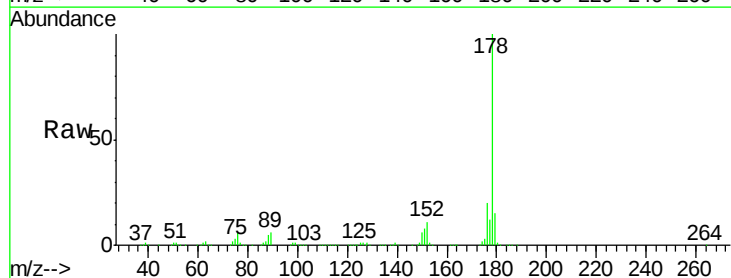


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

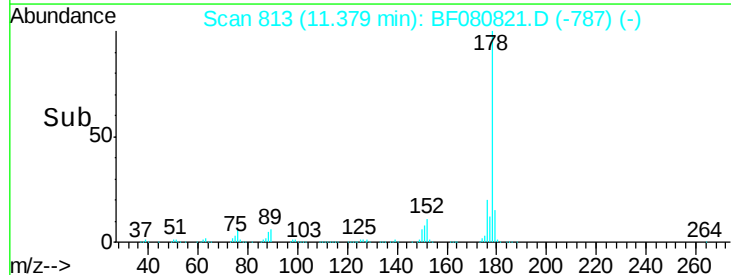
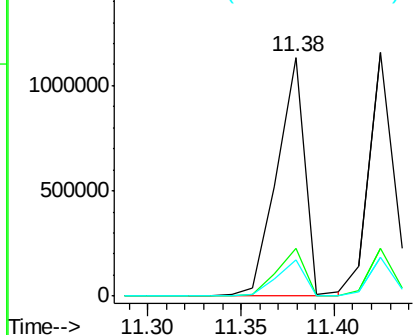


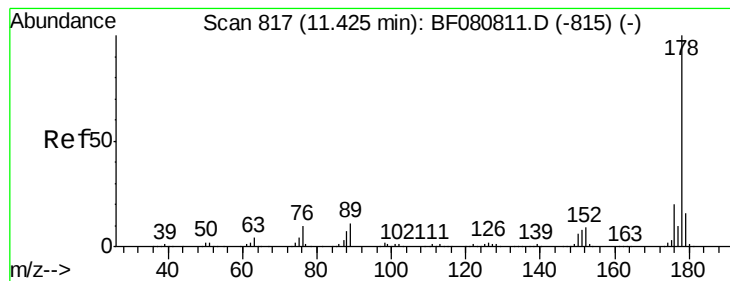
#70
 Phenanthrene
 Concen: 42.41 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Tgt Ion:178 Resp: 1184504
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.3 24.5
 179 15.3 12.6 19.0



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





#71

Anthracene

Concen: 38.18 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

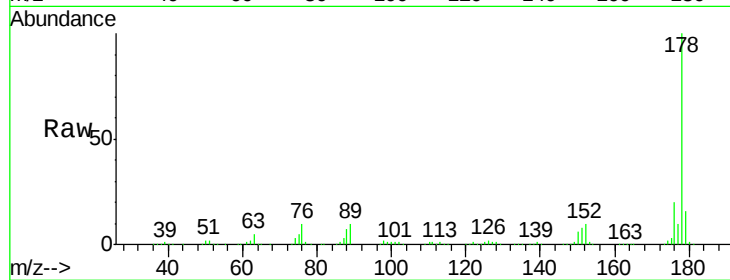
Tot Ion:178 Resp: 1052578

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

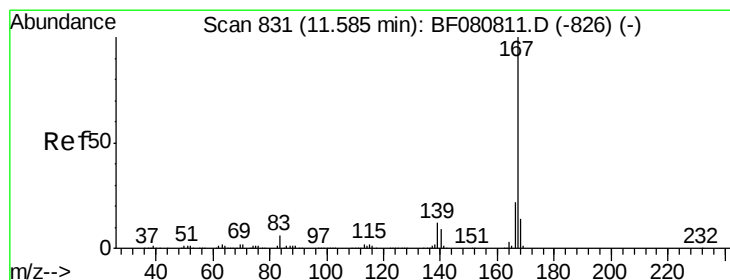
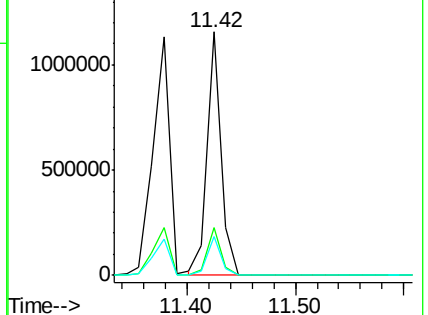
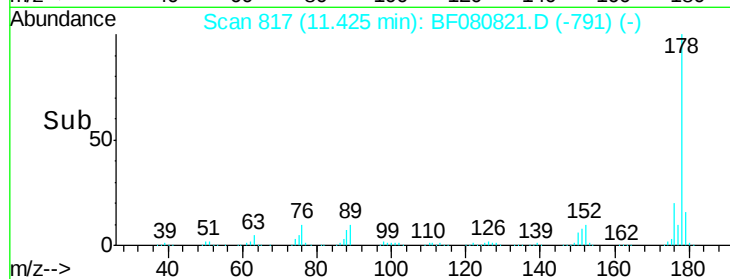
179 15.7 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.55 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

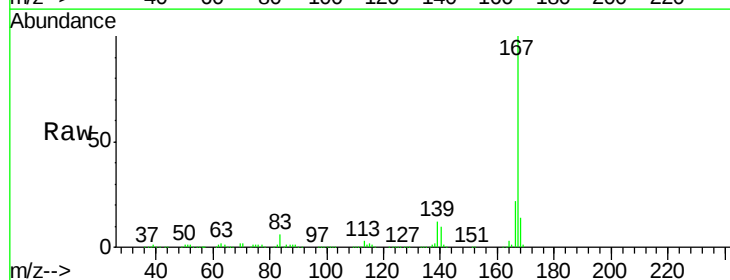
Tgt Ion:167 Resp: 1015783

Ion Ratio Lower Upper

167 100

166 22.4 18.0 27.0

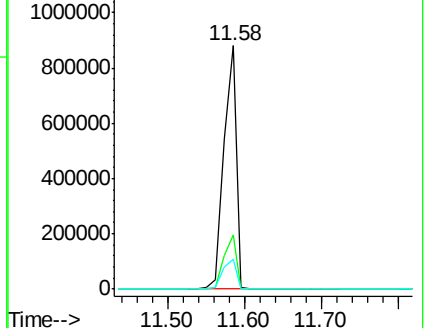
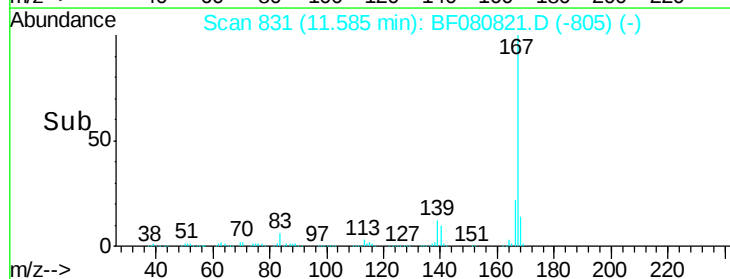
139 12.2 9.6 14.4

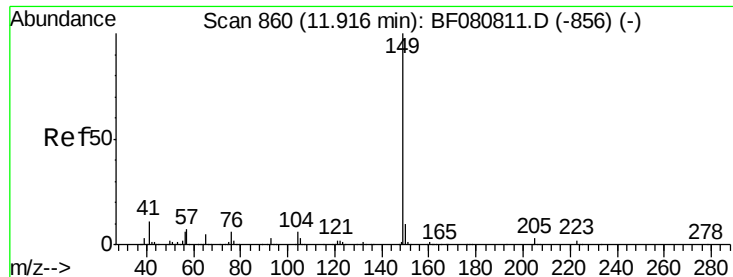


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.78 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

Instrument :

BNA_F

ClientSampleId :

PB84719BS

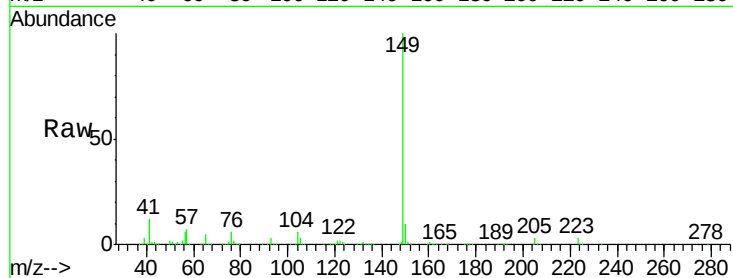
Tot Ion:149 Resp: 1165768

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

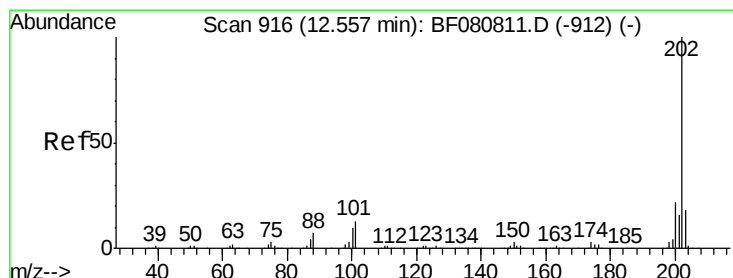
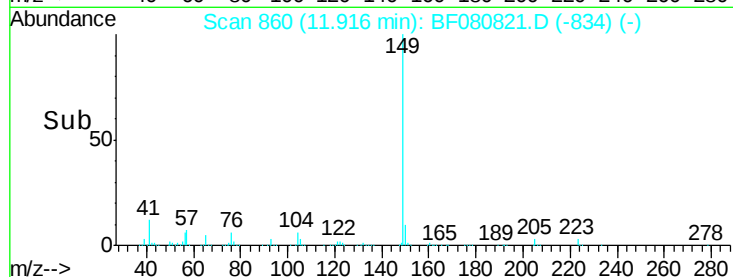
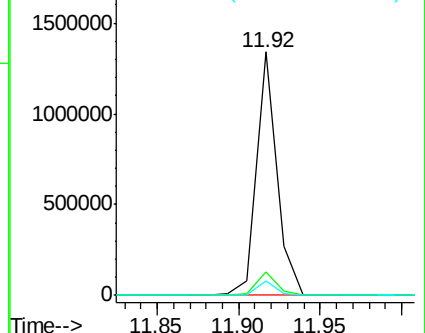
104 5.9 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.09 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF080821.D

Acq: 4 Aug 2015 1:39

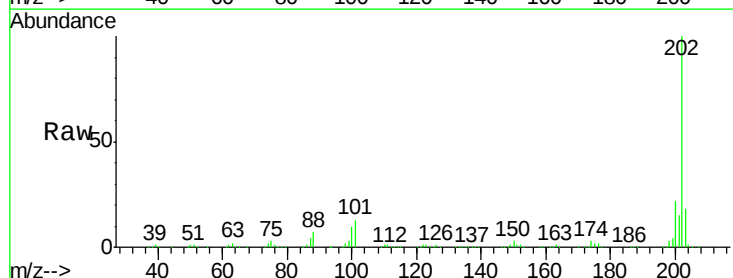
Tgt Ion:202 Resp: 1045573

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.0

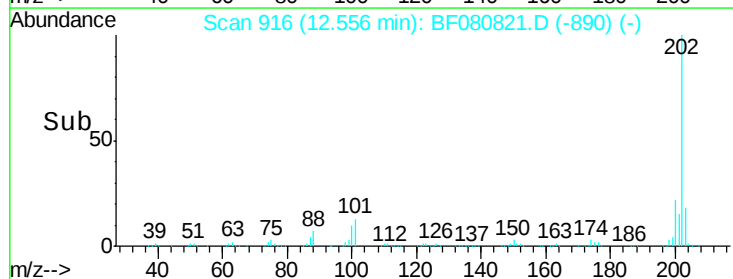
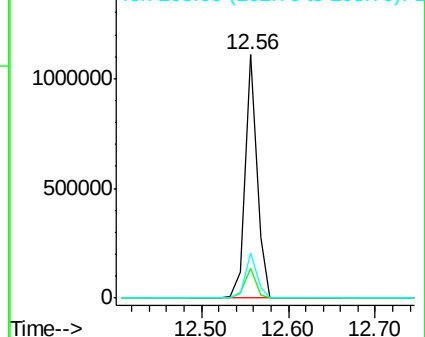
203 18.4 0.0 38.1

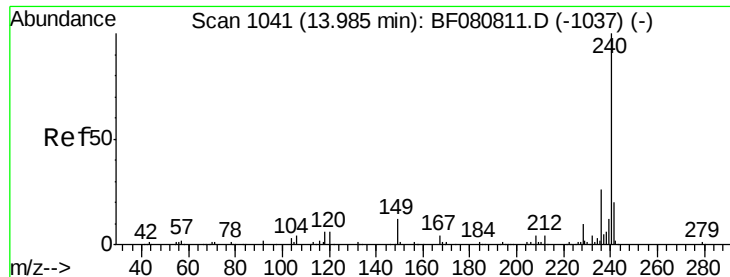


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

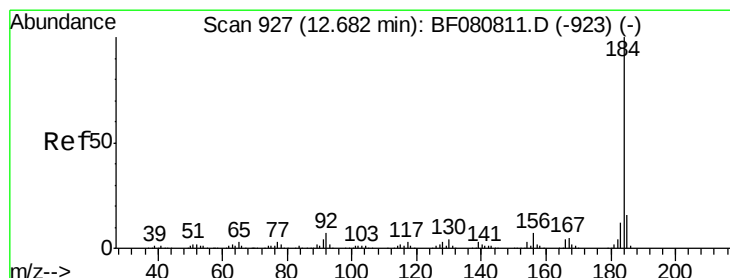
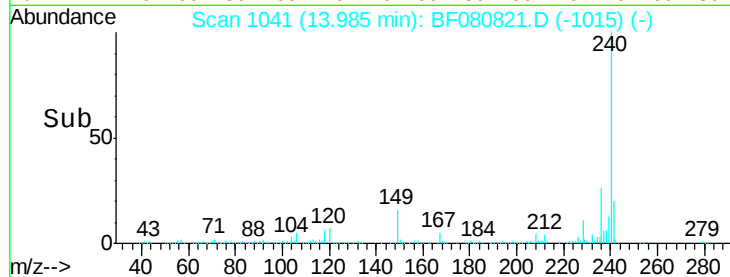
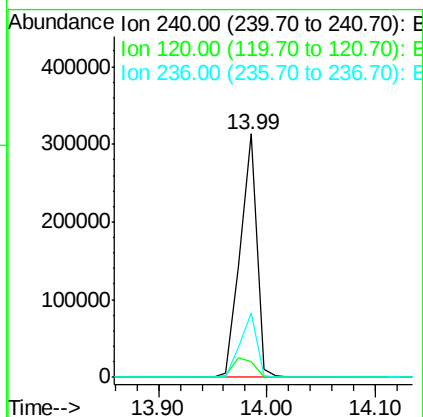
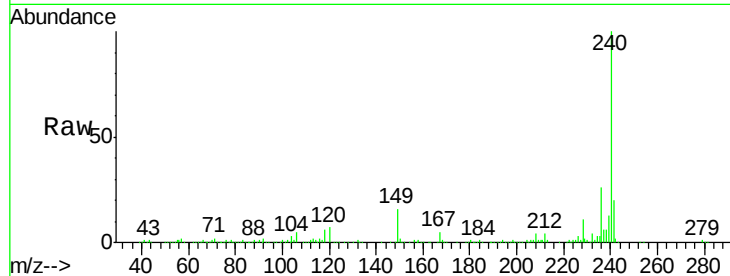




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

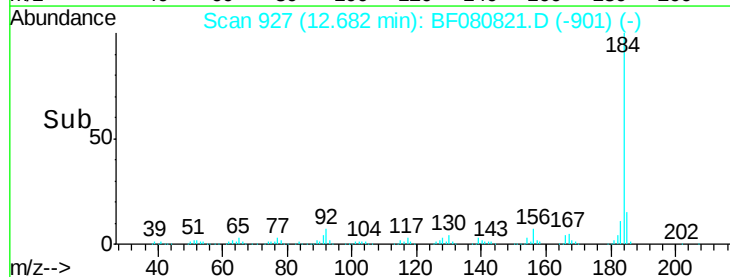
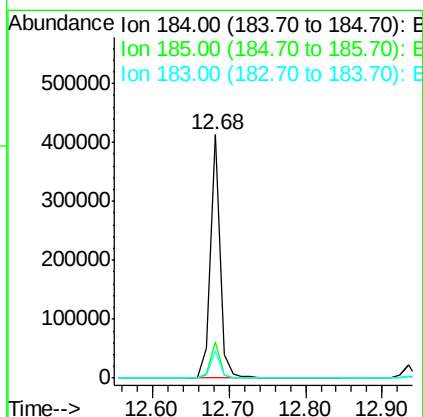
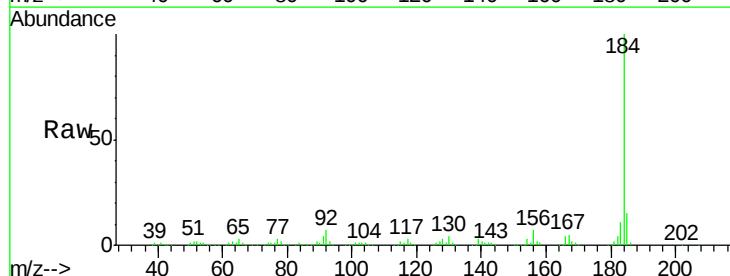
Instrument :
BNA_F
ClientSampleId :
PB84719BS

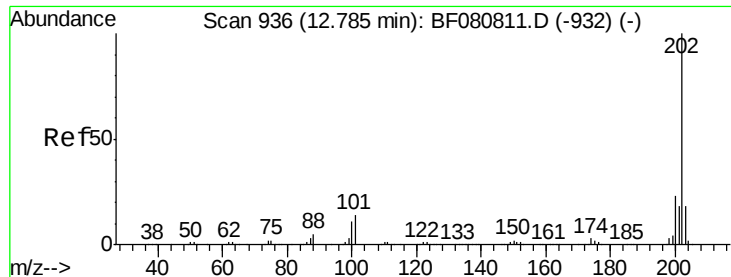
Tot Ion:240 Resp: 327236
Ion Ratio Lower Upper
240 100
120 6.6 5.0 7.4
236 26.5 20.8 31.2



#76
Benzidine
Concen: 29.70 ng
RT: 12.68 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Tgt Ion:184 Resp: 358956
Ion Ratio Lower Upper
184 100
185 15.0 12.6 18.8
183 11.0 9.3 13.9

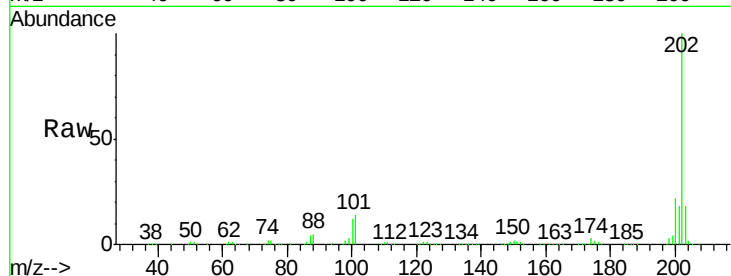




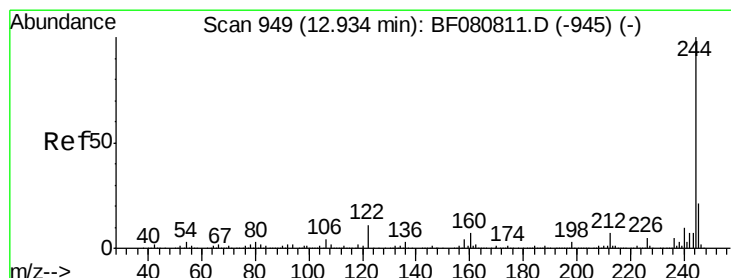
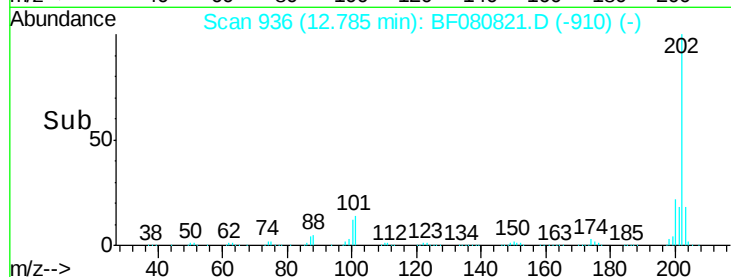
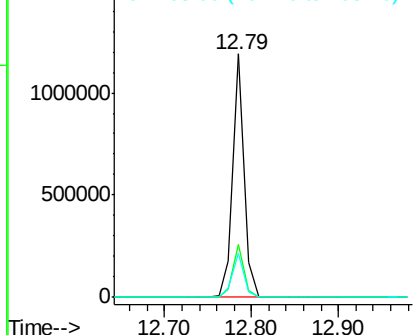
#77
Pvrene
Concen: 44.11 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Instrument :
BNA_F
ClientSampleId :
PB84719BS

Tot Ion:202 Resp: 1069852
Ion Ratio Lower Upper
202 100
200 21.8 18.2 27.4
203 17.9 14.8 22.2

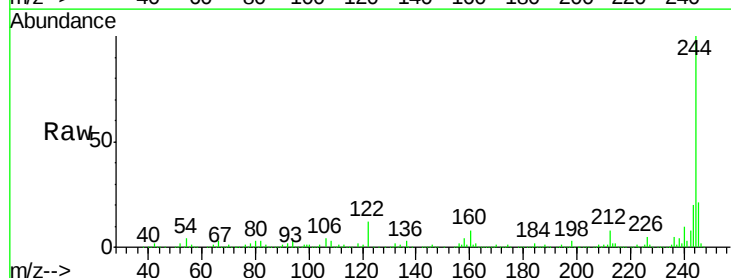


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

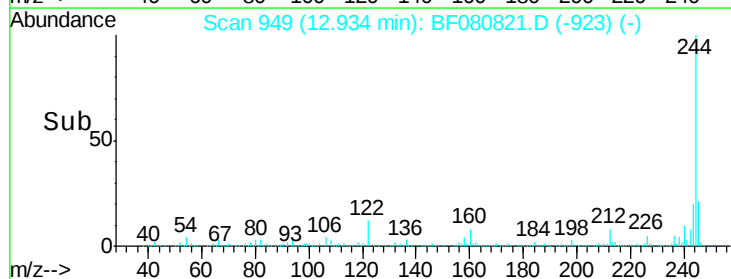
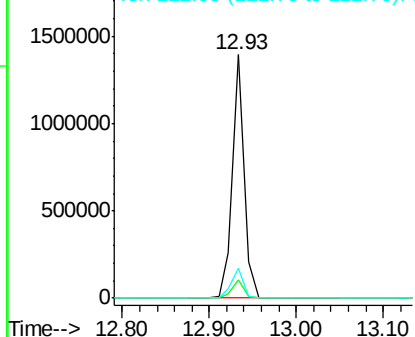


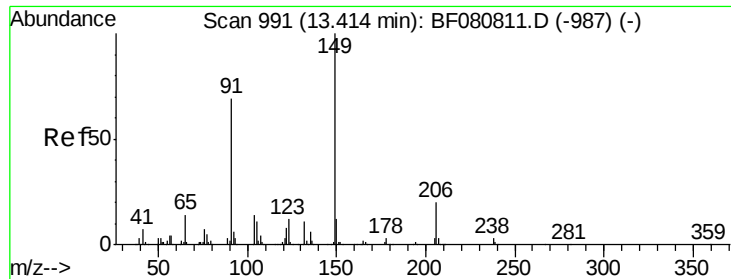
#78
Terphenyl-d14
Concen: 78.77 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Tgt Ion:244 Resp: 1293437
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 12.0 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

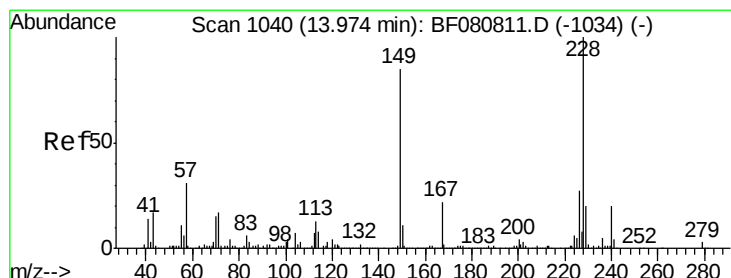
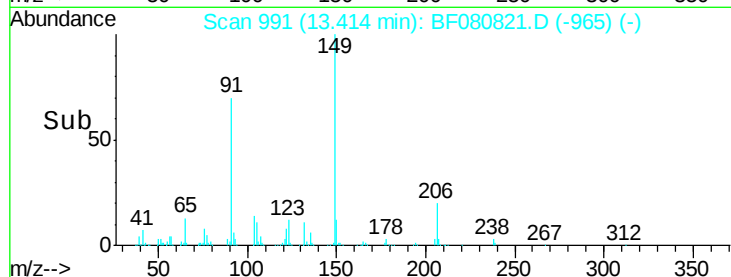
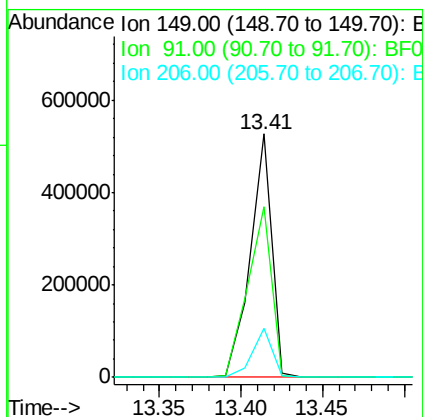
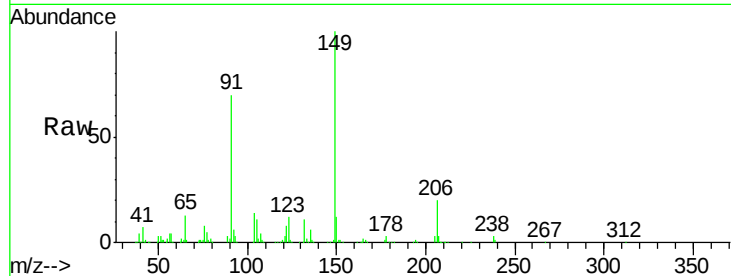




#79
Butylbenzylphthalate
Concen: 50.51 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

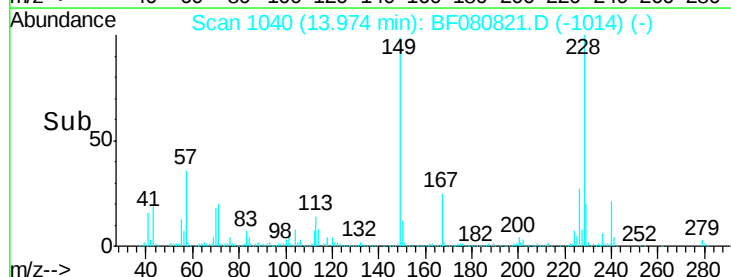
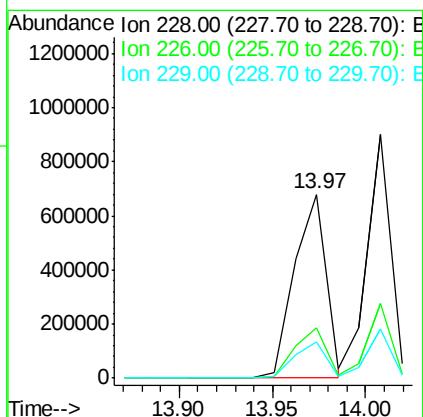
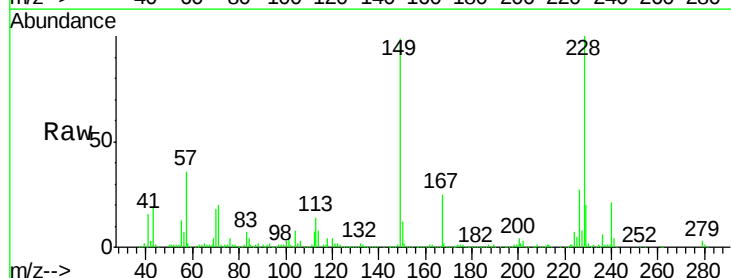
Instrument :
BNA_F
ClientSampleId :
PB84719BS

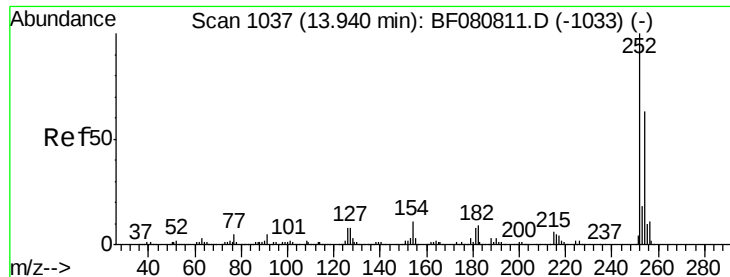
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.9	55.4	83.2
206	20.3	15.8	23.6



#80
Benzo(a)anthracene
Concen: 43.19 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.6	32.4
229	19.6	15.7	23.5

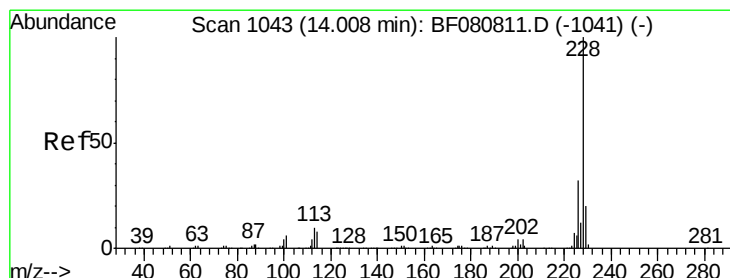
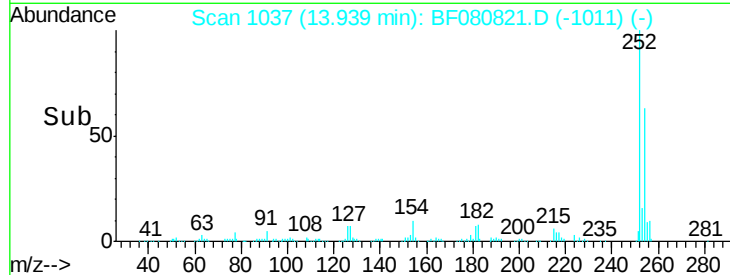
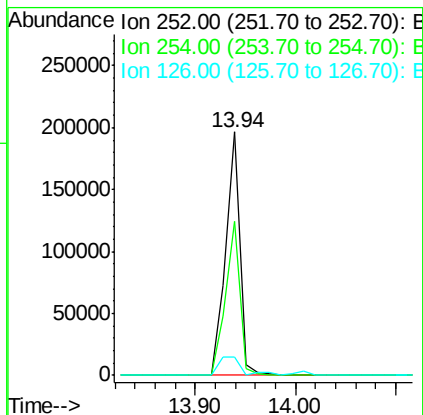
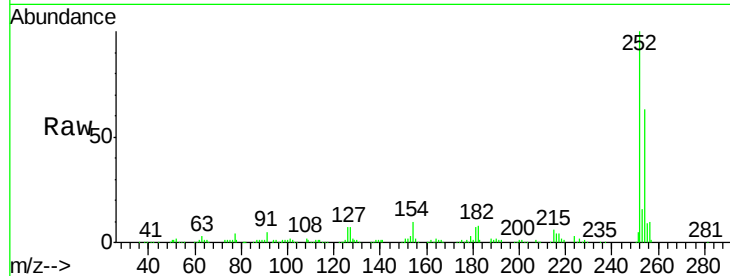




#81
 3,3'-Dichlorobenzidine
 Concen: 29.26 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

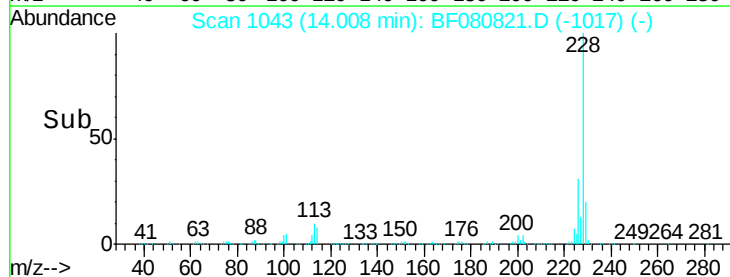
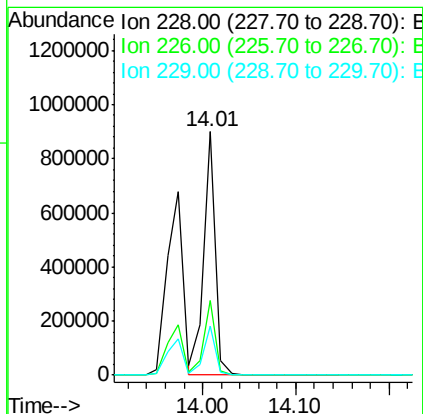
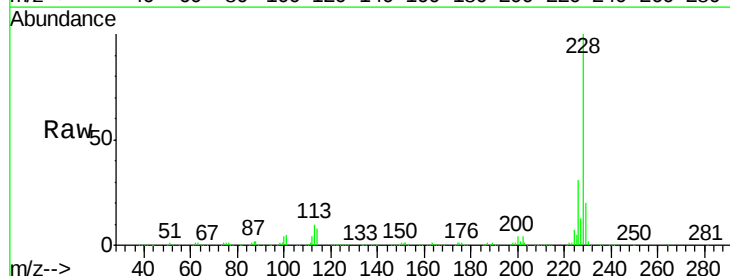
Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

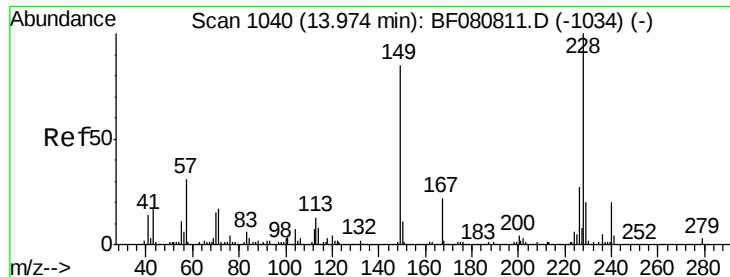
Tot Ion:252 Resp: 193940
 Ion Ratio Lower Upper
 252 100
 254 63.1 50.1 75.1
 126 7.3 6.2 9.4



#82
 Chrysene
 Concen: 43.68 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Tgt Ion:228 Resp: 793093
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.0 37.6
 229 19.9 16.1 24.1

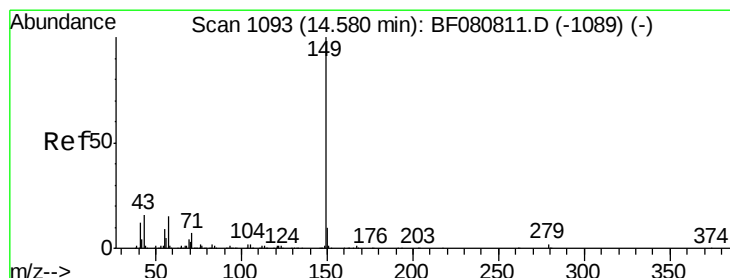
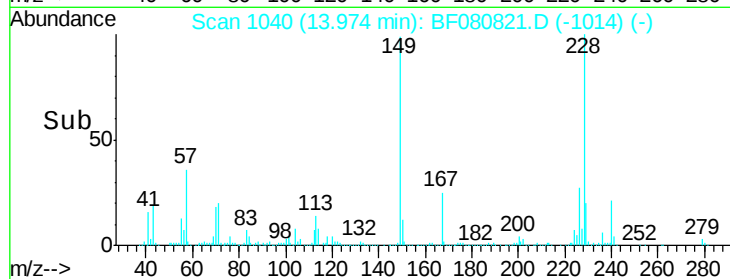
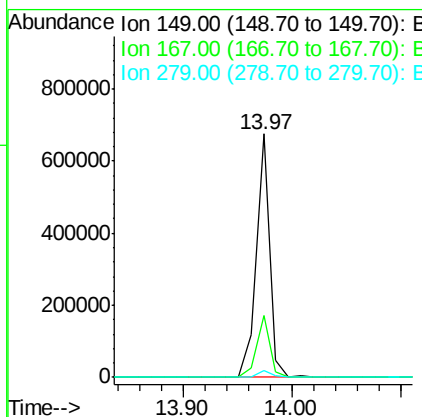
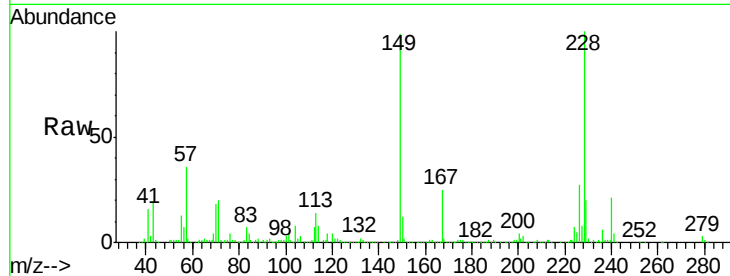




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.50 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

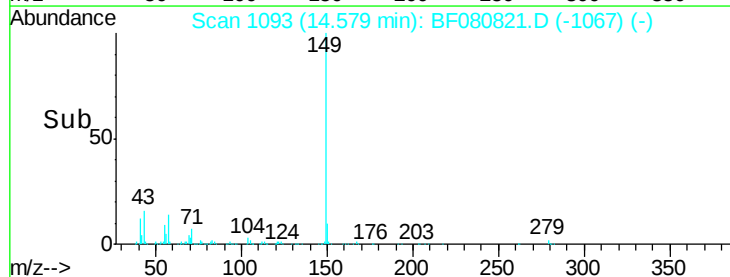
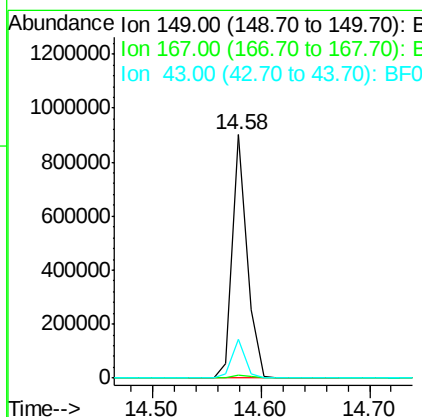
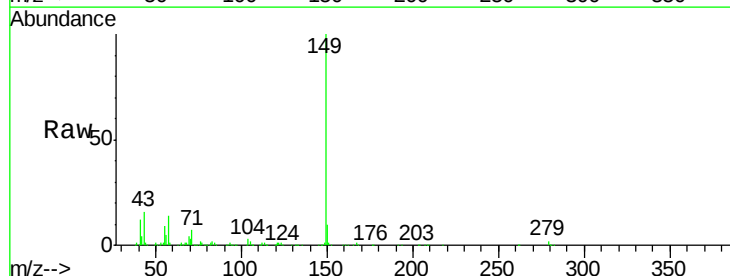
Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

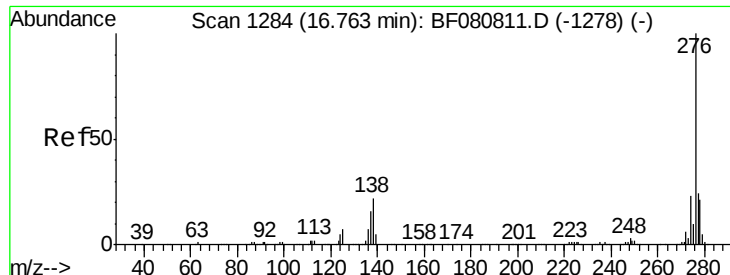
Tot Ion:149 Resp: 583644
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.4 30.6
 279 2.9 2.4 3.6



#84
 Di-n-octyl phthalate
 Concen: 45.01 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Tgt Ion:149 Resp: 839416
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 14.4 11.8 17.8

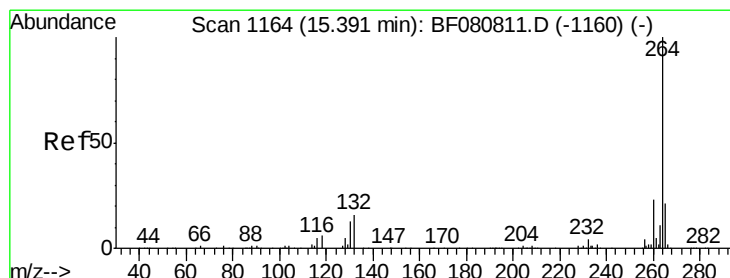
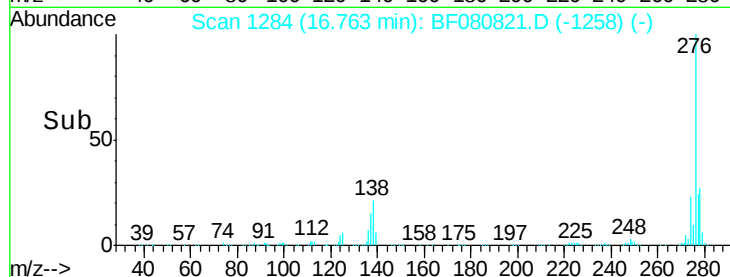
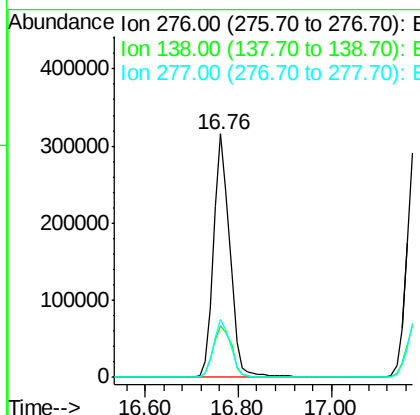
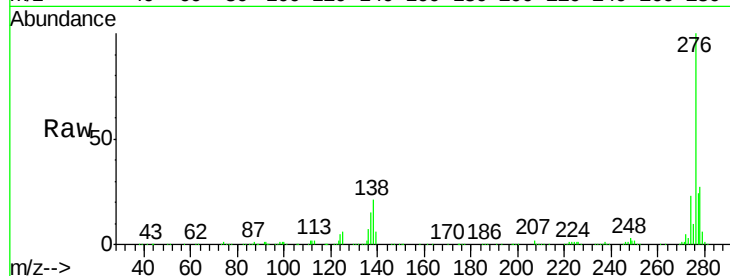




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.21 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

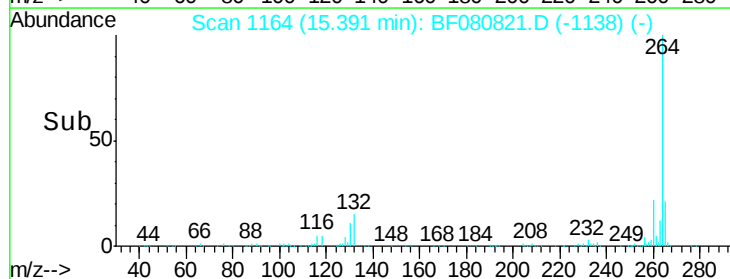
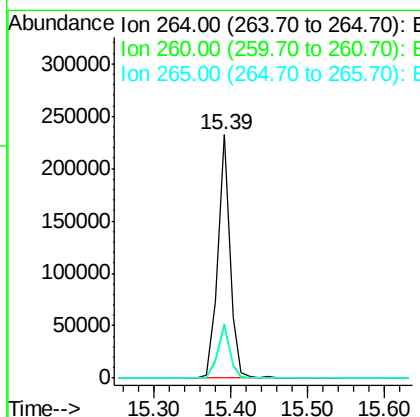
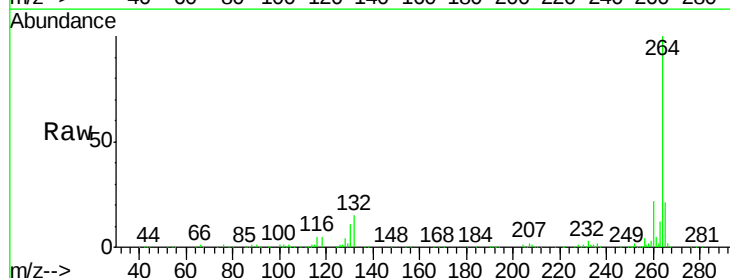
Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

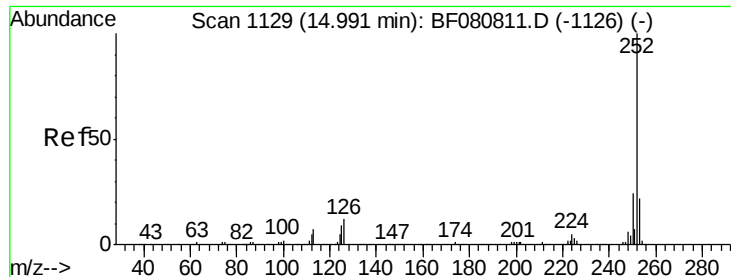
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.6	27.8
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	21.3	17.0	25.6

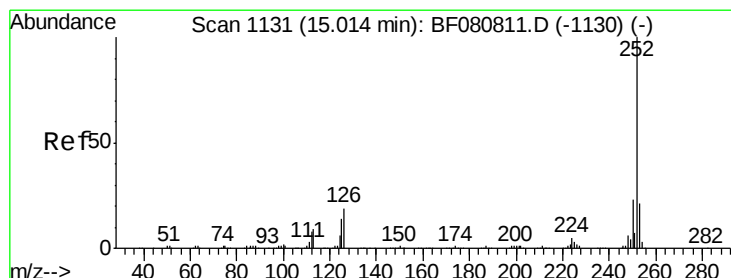
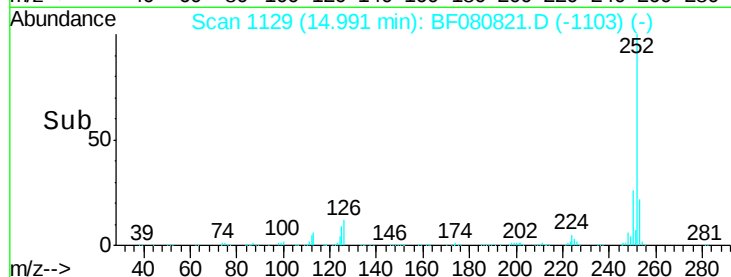
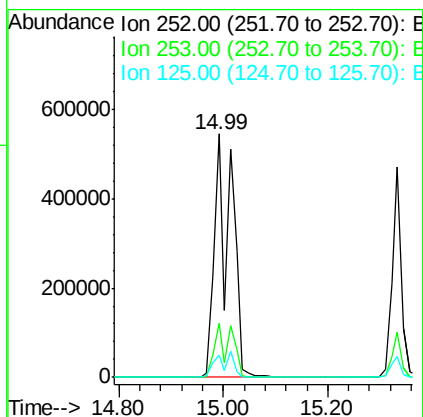
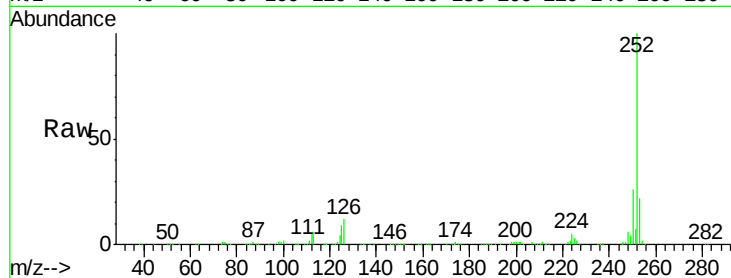




#87
Benzo(b)fluoranthene
Concen: 80.12 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

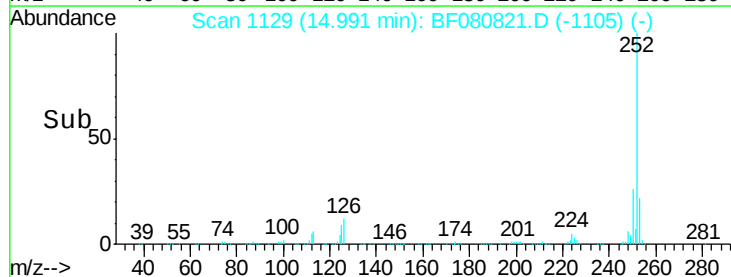
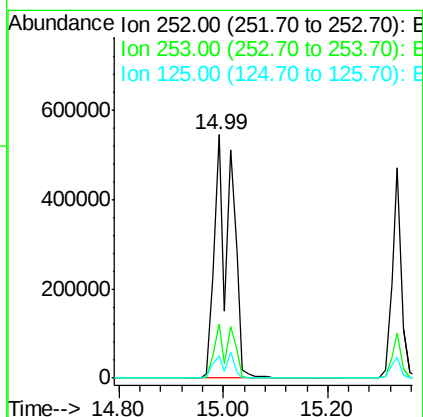
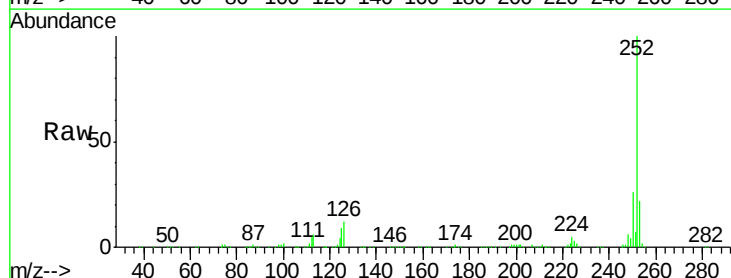
Instrument :
BNA_F
ClientSampleId :
PB84719BS

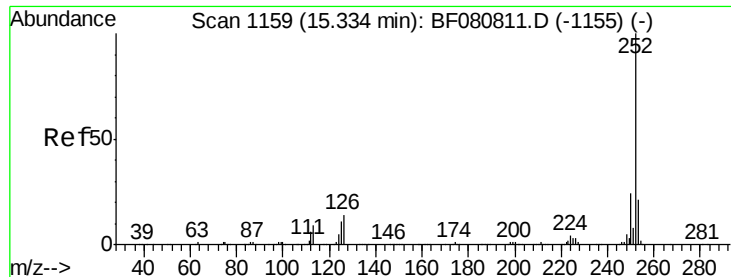
Tot Ion:252 Resp: 1215222
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 8.9 7.4 11.0



#88
Benzo(k)fluoranthene
Concen: 91.94 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Tgt Ion:252 Resp: 1215222
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 8.9 9.9 14.9#

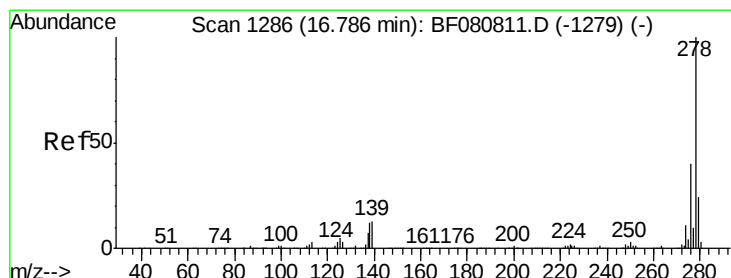
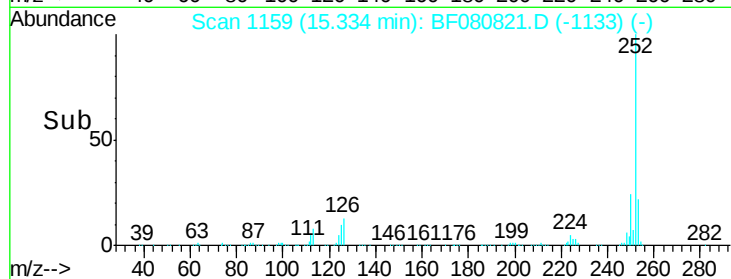
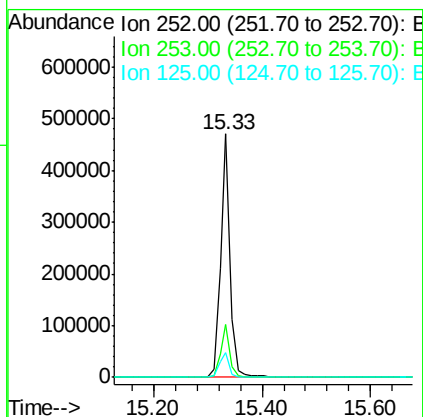
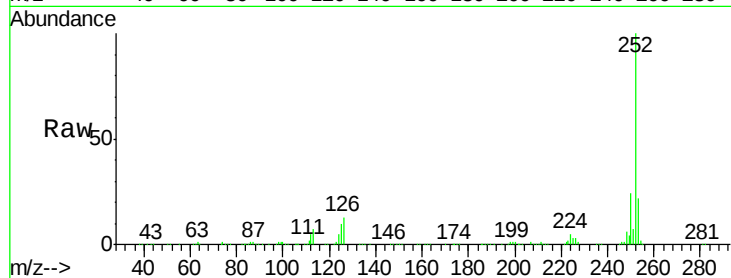




#89
Benzo(a)pyrene
Concen: 44.64 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

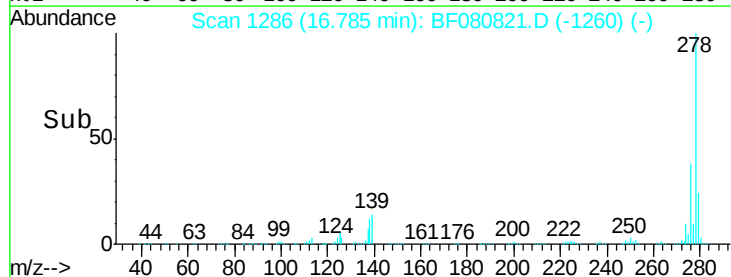
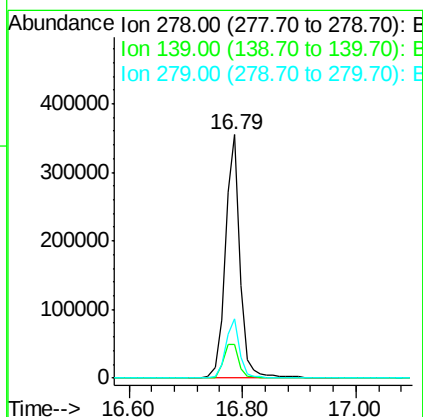
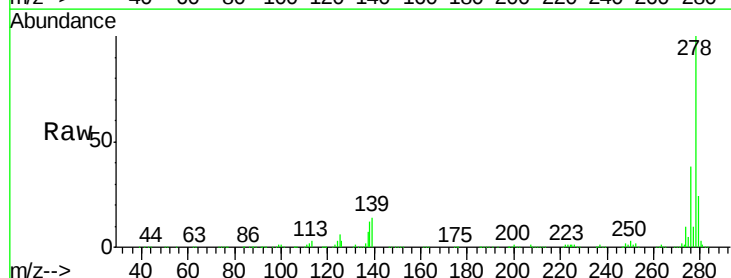
Instrument :
BNA_F
ClientSampleId :
PB84719BS

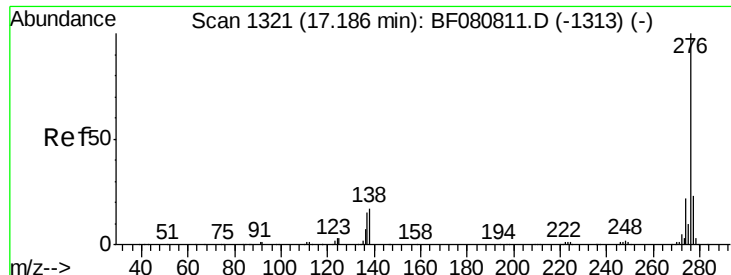
Tot Ion:252 Resp: 577375
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.0 8.9 13.3



#90
Dibenzo(a,h)anthracene
Concen: 50.98 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF080821.D
Acq: 4 Aug 2015 1:39

Tgt Ion:278 Resp: 638809
Ion Ratio Lower Upper
278 100
139 13.7 10.7 16.1
279 24.3 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 51.14 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF080821.D
 Acq: 4 Aug 2015 1:39

Instrument :
 BNA_F
 ClientSampleId :
 PB84719BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	27.8
138	17.3	13.3	19.9

