

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080823.D
 Acq On : 4 Aug 2015 2:40
 Operator : TP
 Sample : PB84720BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Quant Time: Aug 04 04:47:10 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	146859	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	557878	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	270799	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	405611	20.00	ng	0.00
75) Chrysene-d12	13.99	240	245533	20.00	ng	0.00
86) Perylene-d12	15.39	264	237093	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	916986	104.10	ng	0.00
7) Phenol-d6	6.46	99	1265041	106.76	ng	0.00
23) Nitrobenzene-d5	7.40	82	898605	79.49	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	323758	124.76	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1451712	81.03	ng	0.00
78) Terphenyl-d14	12.93	244	1085390	88.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	115029	25.78	ng	99
3) Pyridine	3.22	79	361383	30.66	ng	98
4) n-Nitrosodimethylamine	3.16	42	228002	34.83	ng	97
6) Aniline	6.50	93	578483	34.15	ng	98
8) 2-Chlorophenol	6.61	128	364058	37.30	ng	# 68
9) Benzaldehyde	6.37	77	67031	7.31	ng	83
10) Phenol	6.48	94	463245	33.48	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	379149	38.21	ng	84
12) 1,3-Dichlorobenzene	6.77	146	395199	36.12	ng	98
13) 1,4-Dichlorobenzene	6.85	146	422167	38.73	ng	98
14) 1,2-Dichlorobenzene	6.85	146	422167	41.87	ng	94
15) Benzyl Alcohol	6.98	79	267117	33.20	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	737773	37.60	ng	98
17) 2-Methylphenol	7.09	107	328486	38.18	ng	99
18) Hexachloroethane	7.34	117	142229	35.39	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	299466	39.07	ng	96
20) 3+4-Methylphenols	7.24	107	380086	38.03	ng	98
22) Acetophenone	7.24	105	492069	36.33	ng	# 77
24) Nitrobenzene	7.41	77	391993	33.98	ng	# 84
25) Isophorone	7.65	82	716071	35.42	ng	95
26) 2-Nitrophenol	7.73	139	187400	37.99	ng	94
27) 2,4-Dimethylphenol	7.78	122	362462	38.57	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	458927	37.57	ng	99
29) 2,4-Dichlorophenol	7.97	162	320356	40.74	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	321656	37.47	ng	97
31) Naphthalene	8.14	128	1027336	37.48	ng	99
32) Benzoic acid	7.88	122	201217	35.35	ng	93
33) 4-Chloroaniline	8.19	127	408536	35.43	ng	97
34) Hexachlorobutadiene	8.26	225	190687	36.21	ng	99
35) Caprolactam	8.54	113	88012	40.40	ng	# 55
36) 4-Chloro-3-methylphenol	8.67	107	366615	43.77	ng	99
37) 2-Methylnaphthalene	8.83	142	732897	42.67	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	301485	35.06	ng	99
40) Hexachlorocyclopentadiene	8.99	237	439489	83.53	ng	98

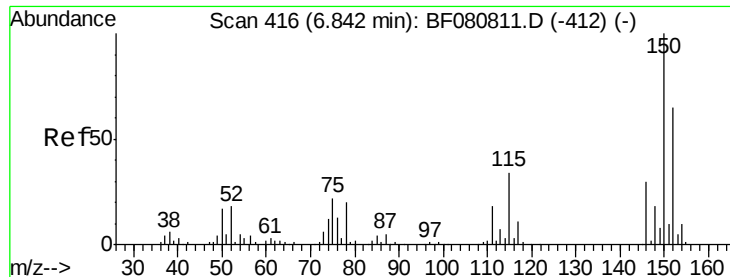
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	218492	35.78	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	260603	43.61	nq	# 86
45) 1,1'-Biphenyl	9.30	154	838530	40.91	nq	98
46) 2-Chloronaphthalene	9.32	162	654856	38.50	nq	97
47) 2-Nitroaniline	9.41	65	274341	43.66	nq	95
48) Acenaphthylene	9.73	152	1088723	41.04	nq	99
49) Dimethylphthalate	9.60	163	736286	40.70	nq	100
50) 2,6-Dinitrotoluene	9.65	165	155628	39.94	nq	96
51) Acenaphthene	9.90	154	751186	47.00	nq	98
52) 3-Nitroaniline	9.82	138	164657	36.42	nq	90
53) 2,4-Dinitrophenol	9.93	184	202007	101.33	nq	# 81
54) Dibenzofuran	10.08	168	907461	42.90	nq	100
55) 4-Nitrophenol	9.98	139	267796	82.86	nq	# 79
56) 2,4-Dinitrotoluene	10.05	165	192898	39.16	nq	97
57) Fluorene	10.42	166	713252	43.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	200090	46.57	nq	94
59) Diethylphthalate	10.29	149	673997	39.01	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	304126	37.78	nq	98
61) 4-Nitroaniline	10.43	138	150073	35.86	nq	96
62) Azobenzene	10.57	77	822624	41.10	nq	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	121496	48.59	nq	97
65) n-Nitrosodiphenylamine	10.53	169	642478	45.25	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	198164	44.46	nq	96
67) Hexachlorobenzene	10.97	284	231536	45.89	nq	97
68) Atrazine	11.06	200	164627	50.85	nq	98
69) Pentachlorophenol	11.15	266	245420	91.13	nq	93
70) Phenanthrene	11.38	178	931635	44.16	nq	98
71) Anthracene	11.42	178	922928	44.32	nq	99
72) Carbazole	11.58	167	777660	43.12	nq	98
73) Di-n-butylphthalate	11.92	149	962121	44.56	nq	99
74) Fluoranthene	12.56	202	884657	43.78	nq	98
76) Benzidine	12.68	184	428916	Below	Cal	98
77) Pyrene	12.78	202	925211	50.84	nq	98
79) Butylbenzylphthalate	13.41	149	358825	50.06	nq	95
80) Benzo(a)anthracene	13.97	228	660395	47.11	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	209796	42.18	nq	97
82) Chrysene	14.01	228	673616	49.44	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	451729	51.06	nq	100
84) Di-n-octyl phthalate	14.58	149	703660	50.29	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	684125	54.74	nq	100
87) Benzo(b)fluoranthene	14.99	252	1119100	80.63	nq	99
88) Benzo(k)fluoranthene	14.99	252	1119618	92.57	nq	# 96
89) Benzo(a)pyrene	15.33	252	540889	45.70	nq	98
90) Dibenzo(a,h)anthracene	16.79	278	569380	49.66	nq	99
91) Benzo(g,h,i)perylene	17.17	276	600064	50.19	nq	# 95

(#) = 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: BF080823.D

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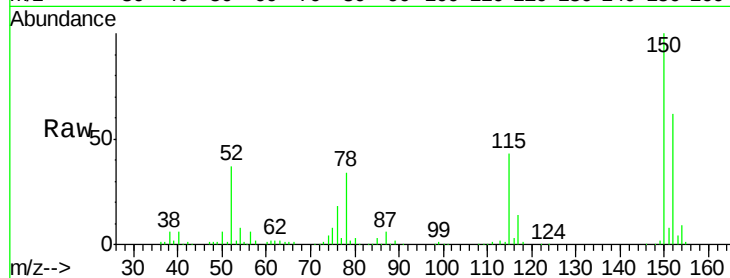
Tot Ion:152 Resp: 146859

Ion Ratio Lower Upper

152 100

150 161.6 122.9 184.3

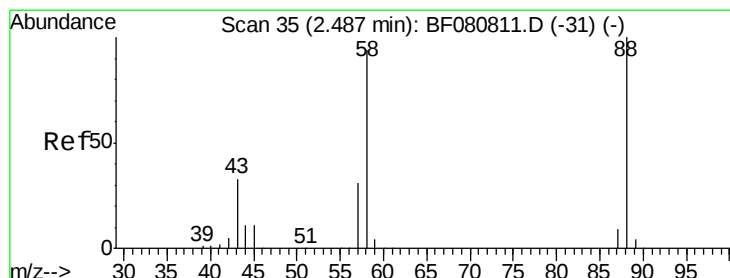
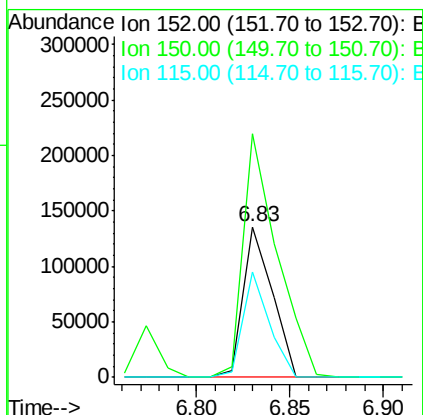
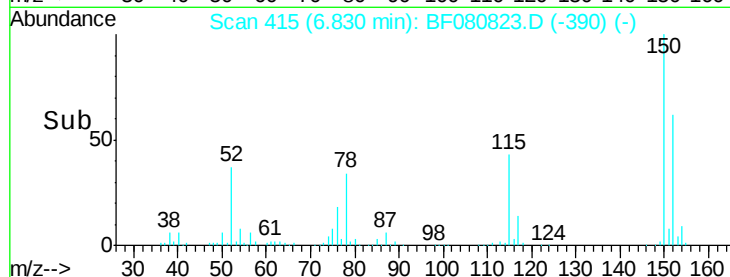
115 69.6 42.0 63.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 25.78 ng

RT: 2.51 min Scan# 37

Delta R.T. 0.02 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

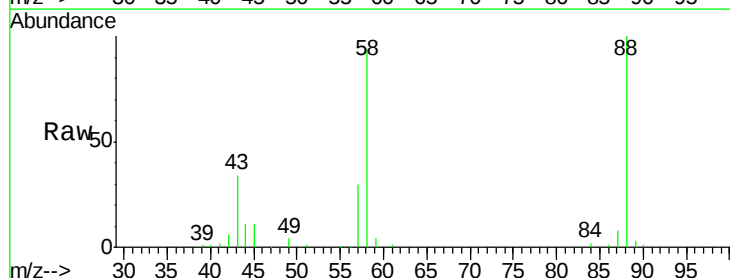
Tgt Ion: 88 Resp: 115029

Ion Ratio Lower Upper

88 100

58 97.0 78.2 117.4

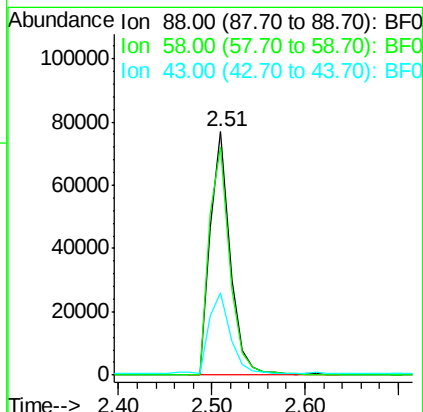
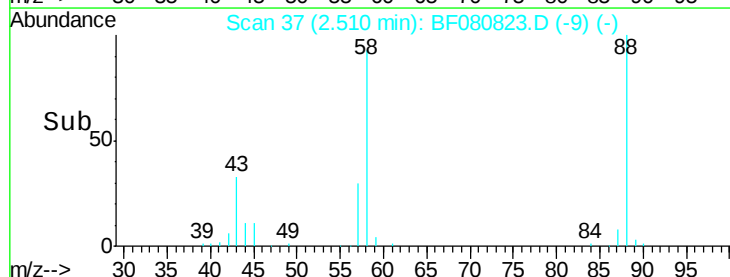
43 35.8 27.6 41.4

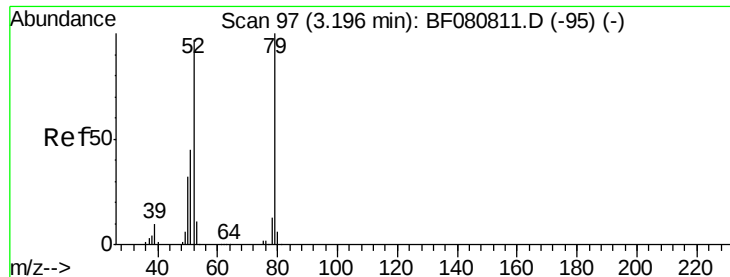


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 30.66 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.02 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

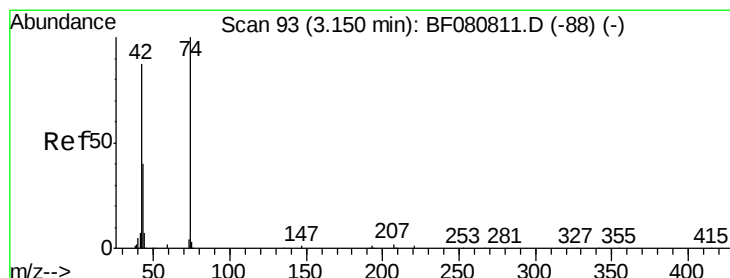
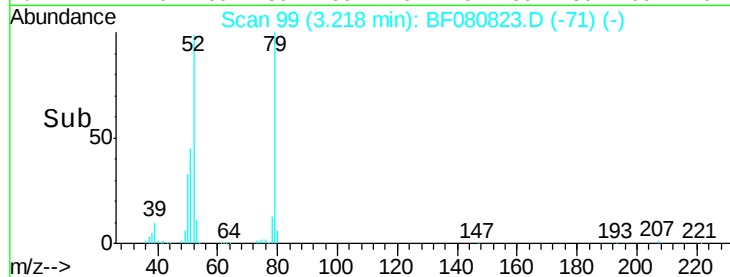
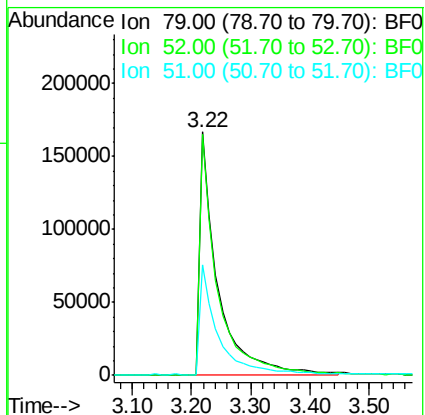
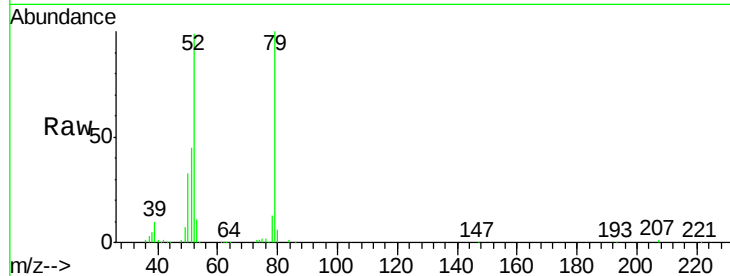
Tot Ion: 79 Resp: 361383

Ion Ratio Lower Upper

79 100

52 99.0 77.7 116.5

51 45.3 35.8 53.8



#4

n-Nitrosodimethylamine

Concen: 34.83 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.01 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

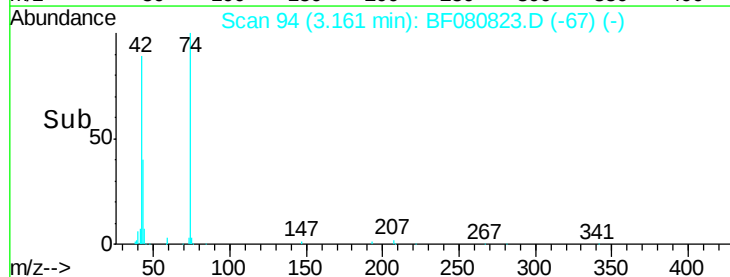
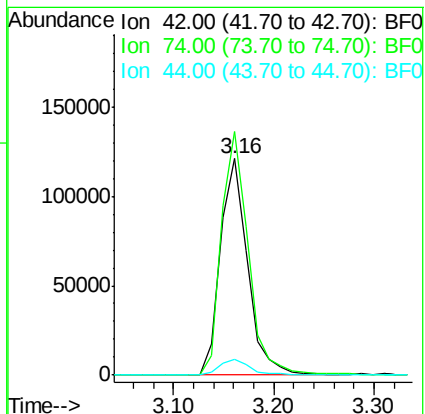
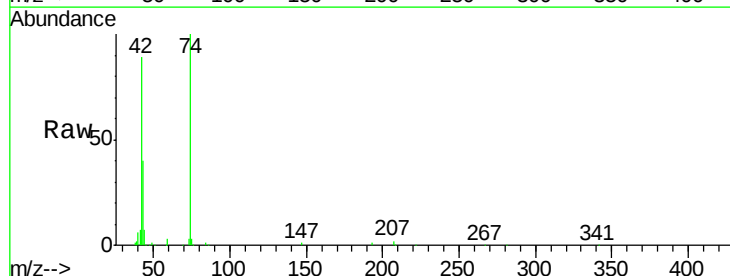
Tgt Ion: 42 Resp: 228002

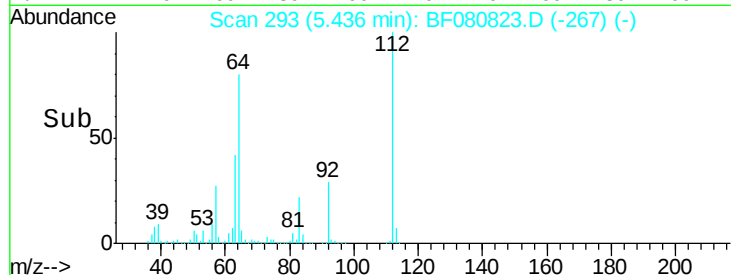
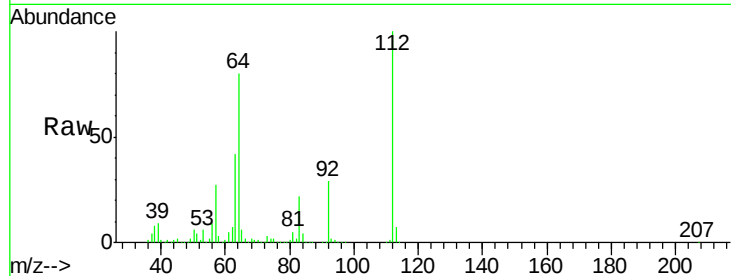
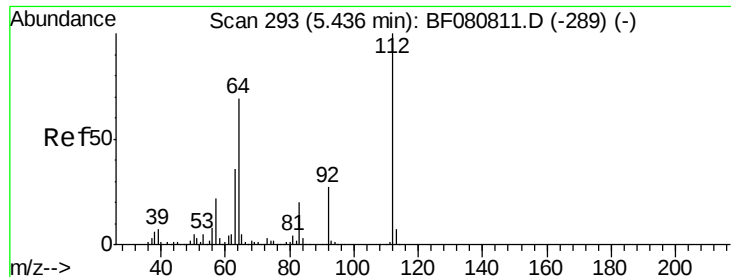
Ion Ratio Lower Upper

42 100

74 112.5 92.4 138.6

44 7.6 6.2 9.2





#5

2-Fluorophenol

Concen: 104.10 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

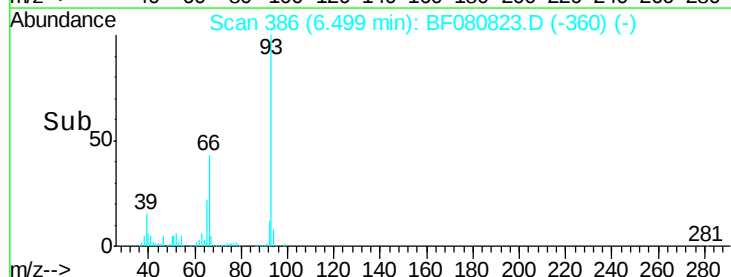
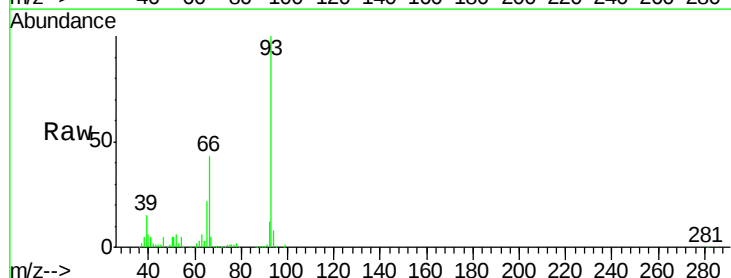
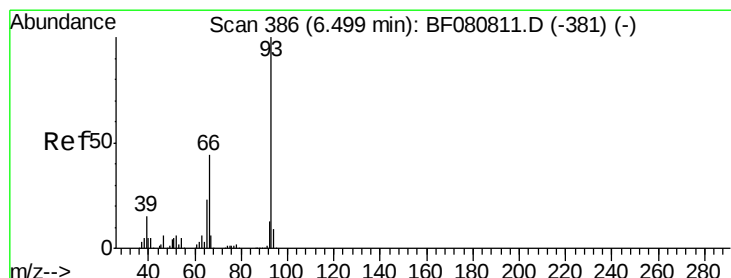
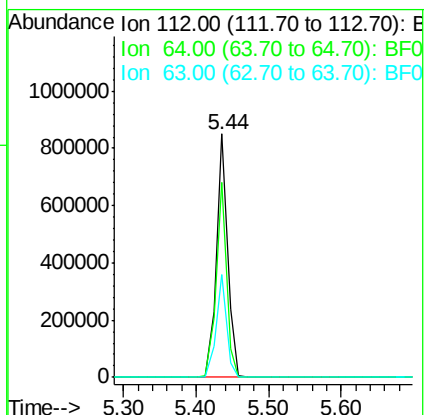
Tot Ion:112 Resp: 916986

Ion Ratio Lower Upper

112 100

64 80.0 55.0 82.4

63 42.3 28.6 42.8



#6

Aniline

Concen: 34.15 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

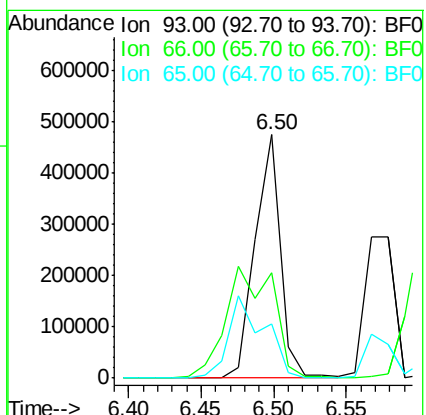
Tgt Ion: 93 Resp: 578483

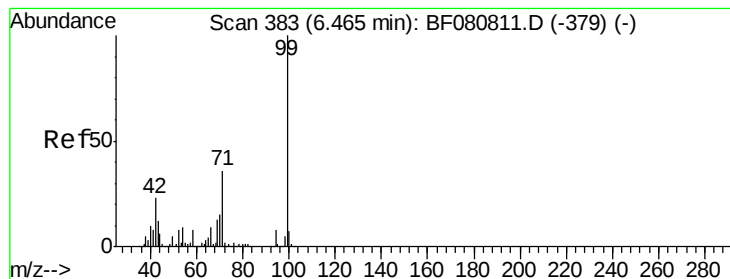
Ion Ratio Lower Upper

93 100

66 43.0 35.3 52.9

65 22.1 18.7 28.1





#7

Phenol-d6

Concen: 106.76 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

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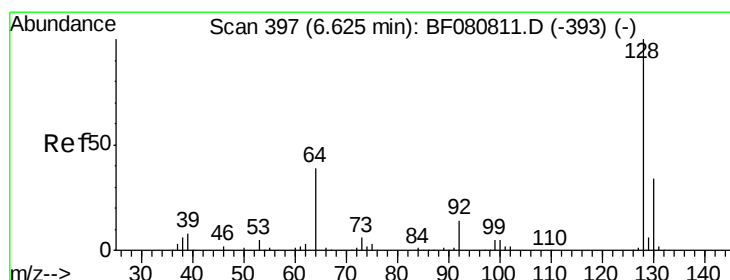
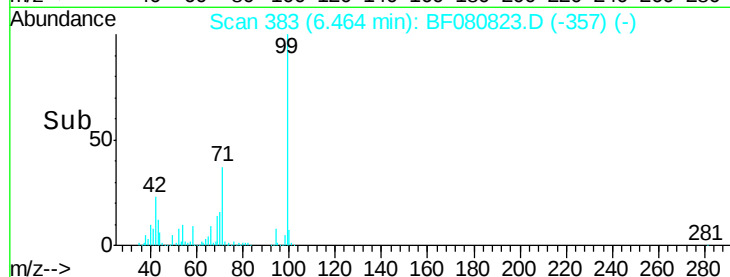
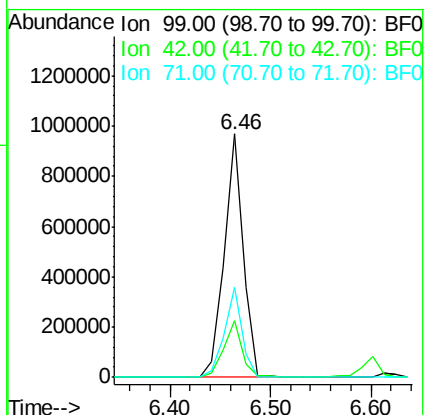
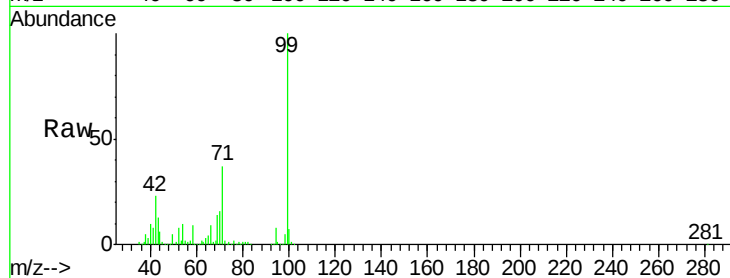
Tot Ion: 99 Resp: 1265041

Ion Ratio Lower Upper

99 100

42 23.3 18.4 27.6

71 37.1 28.7 43.1



#8

2-Chlorophenol

Concen: 37.30 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

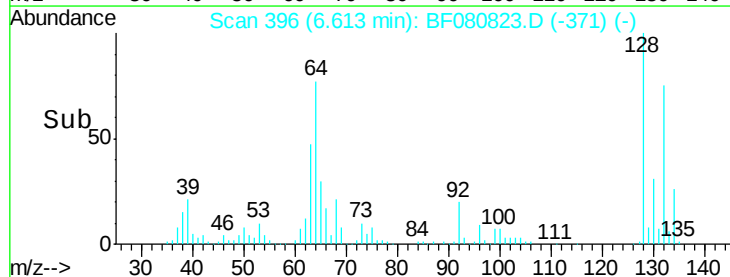
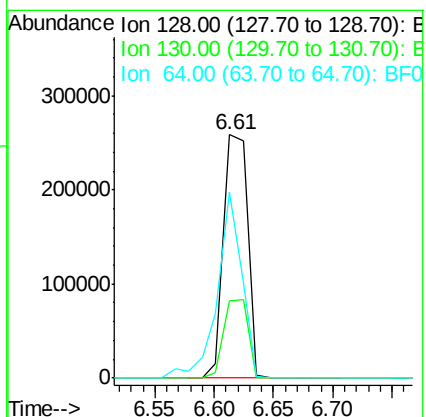
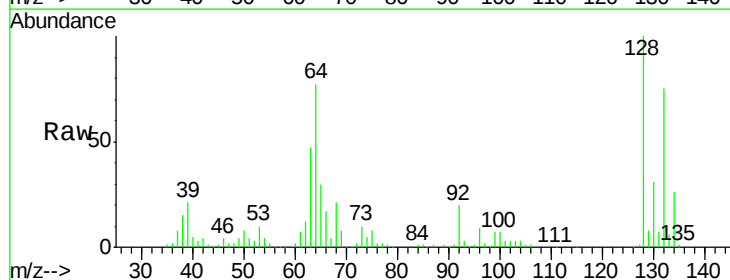
Tgt Ion: 128 Resp: 364058

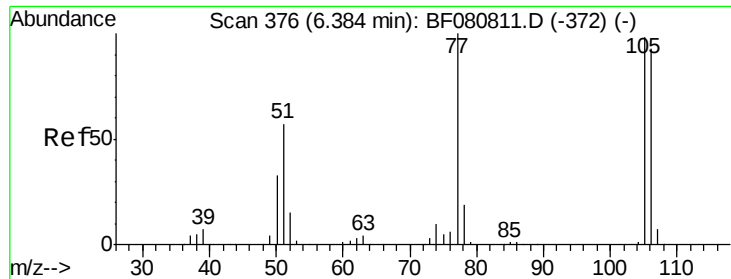
Ion Ratio Lower Upper

128 100

130 31.5 14.1 54.1

64 76.6 22.3 62.3#

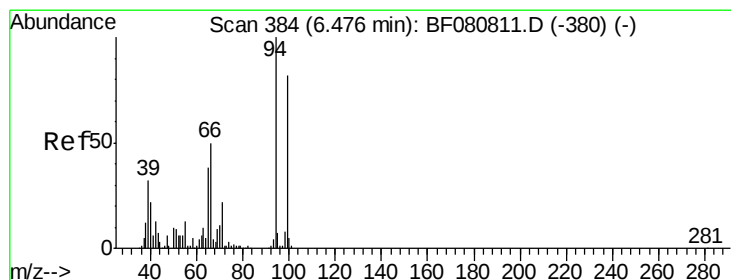
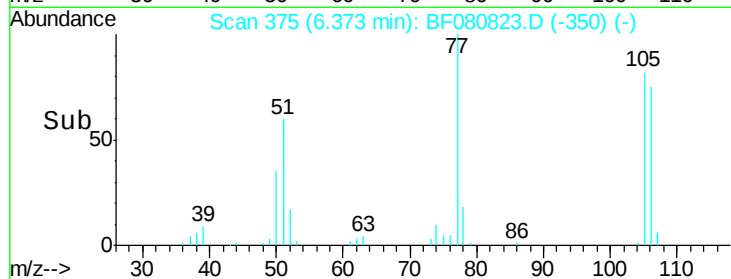
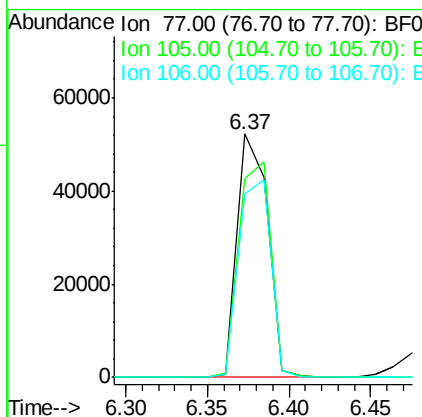
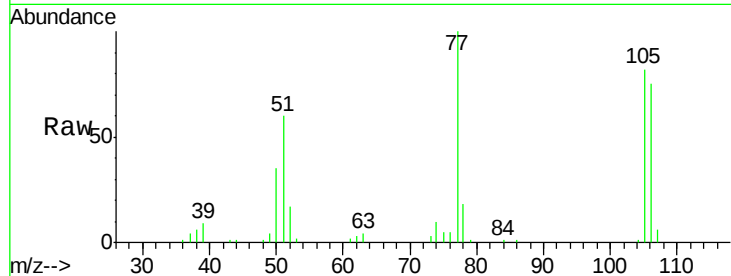




#9
Benzaldehyde
Concen: 7.31 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.01 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

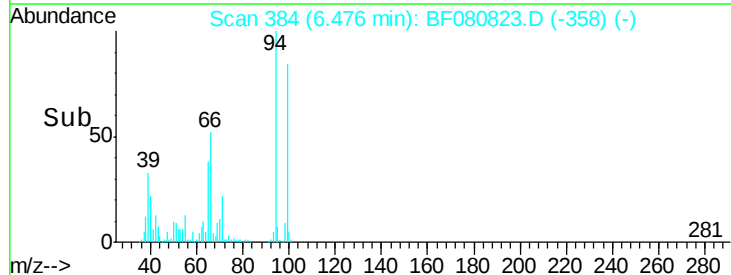
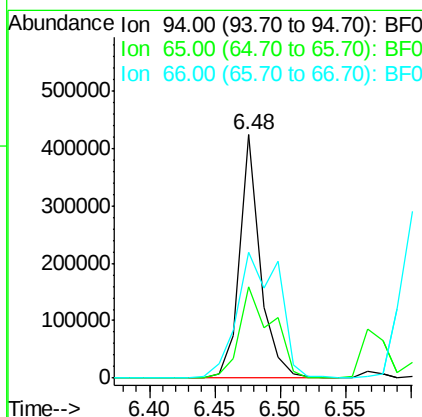
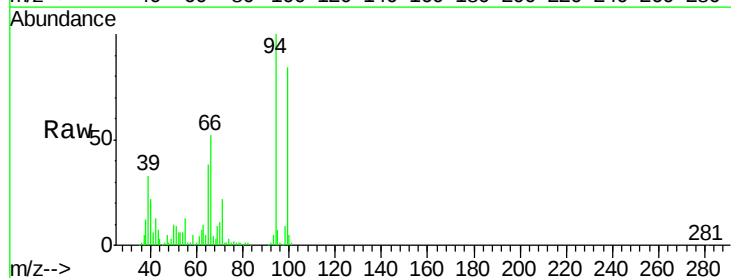
Instrument :
BNA_F
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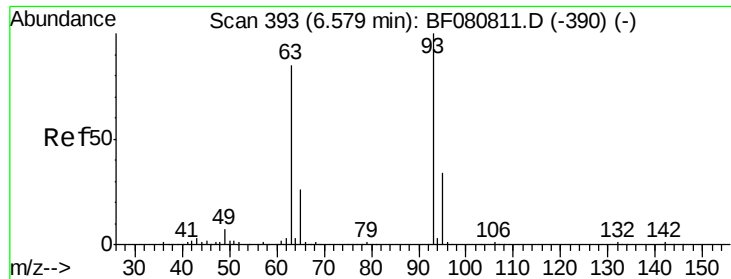
Tot Ion: 77 Resp: 67031
Ion Ratio Lower Upper
77 100
105 81.6 78.1 118.1
106 75.1 72.7 112.7



#10
Phenol
Concen: 33.48 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion: 94 Resp: 463245
Ion Ratio Lower Upper
94 100
65 37.6 17.5 57.5
66 51.5 29.6 69.6

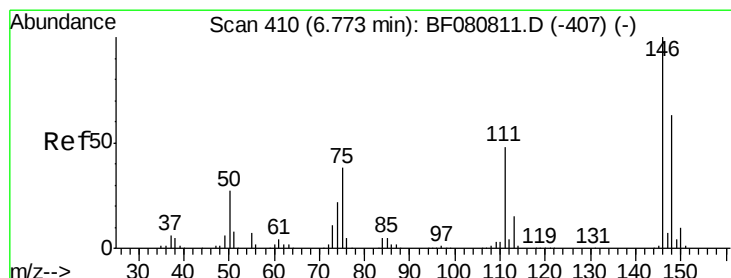
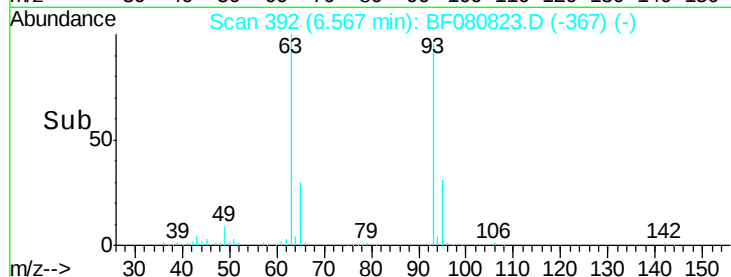
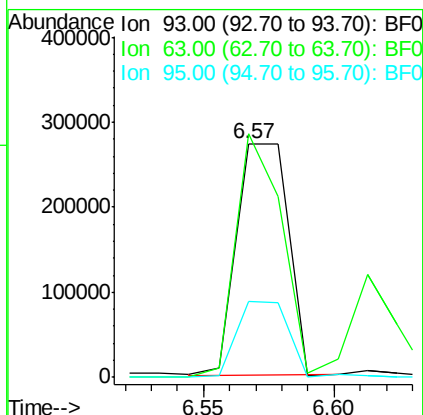
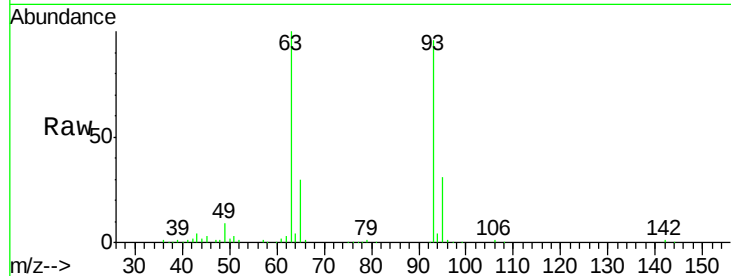




#11
 bis(2-Chloroethyl)ether
 Concen: 38.21 ng
 RT: 6.57 min Scan# 392
 Delta R.T. -0.01 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

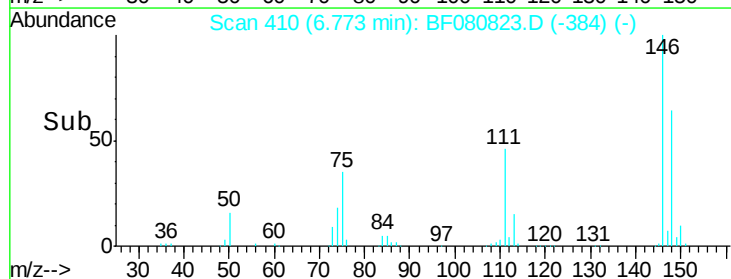
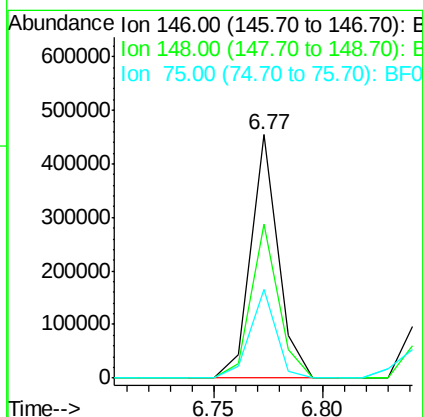
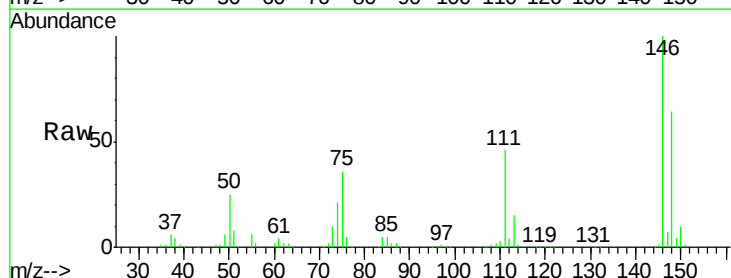
Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

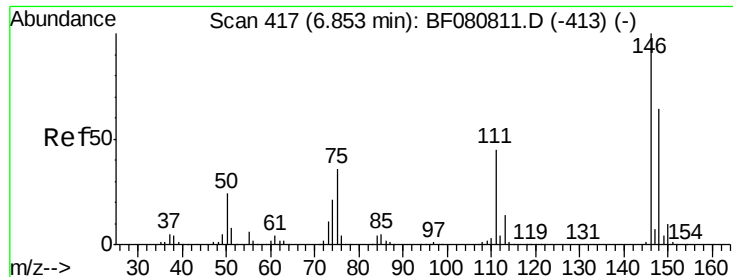
Tot Ion: 93 Resp: 379149
 Ion Ratio Lower Upper
 93 100
 63 104.1 64.9 104.9
 95 32.3 13.4 53.4



#12
 1,3-Dichlorobenzene
 Concen: 36.12 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion: 146 Resp: 395199
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.5 75.7
 75 36.5 30.7 46.1

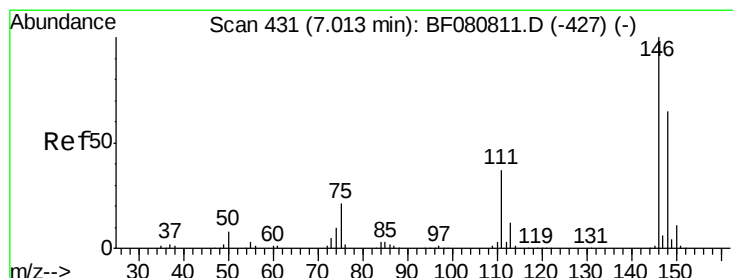
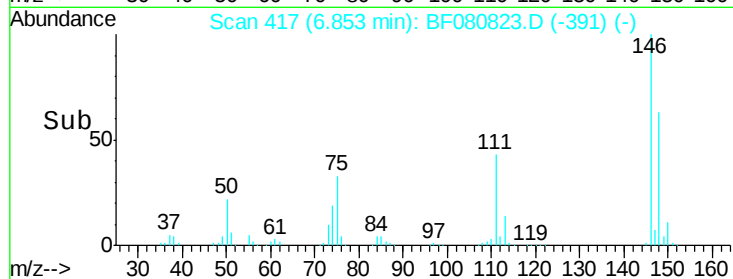
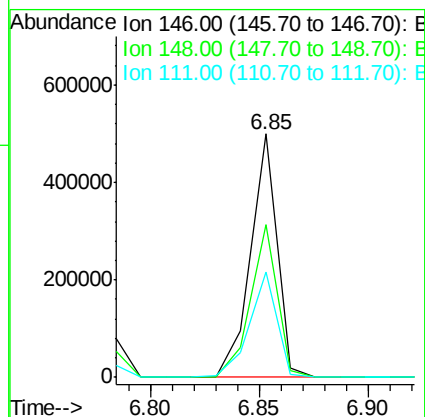
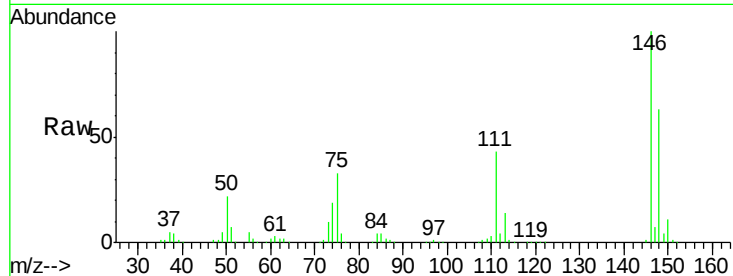




#13
 1,4-Dichlorobenzene
 Concen: 38.73 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

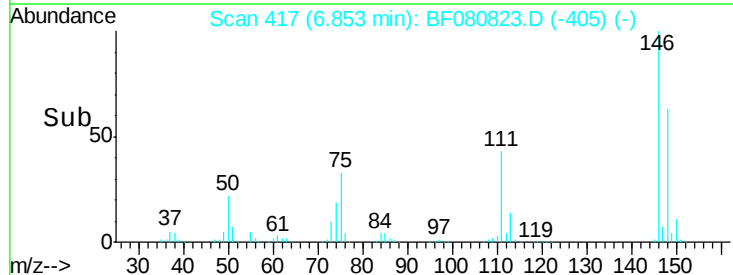
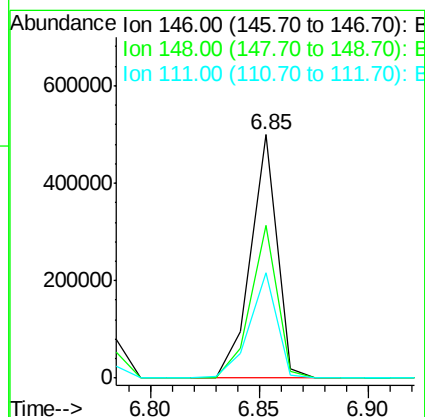
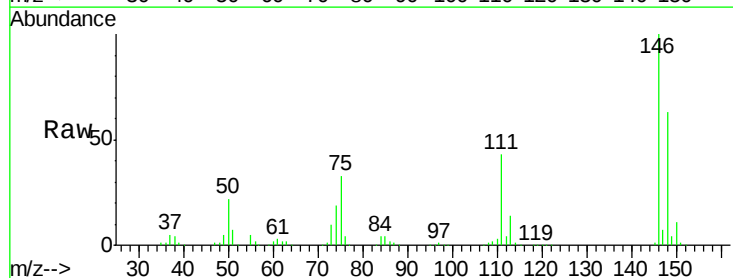
Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

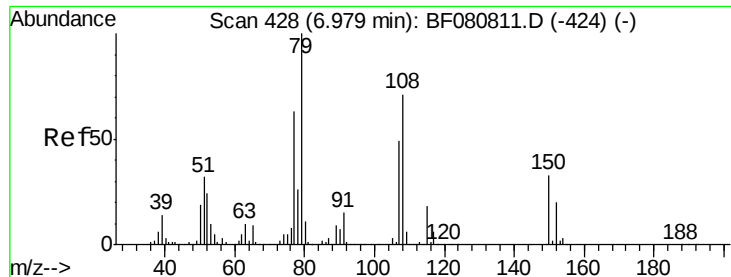
Tot Ion:146 Resp: 422167
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.3 76.9
 111 43.2 35.8 53.8



#14
 1,2-Dichlorobenzene
 Concen: 41.87 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.16 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion:146 Resp: 422167
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.0 78.0
 111 43.2 29.3 43.9





#15

Benzyl Alcohol

Concen: 33.20 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

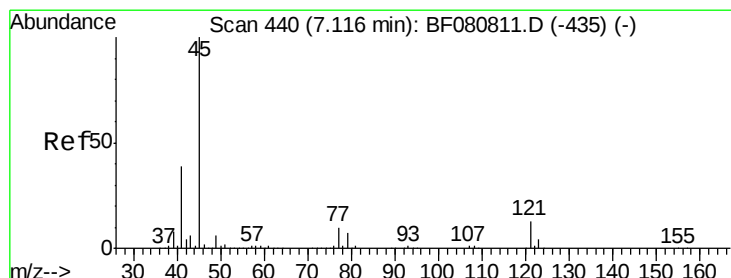
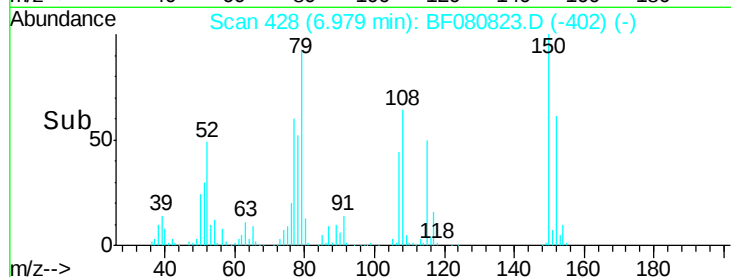
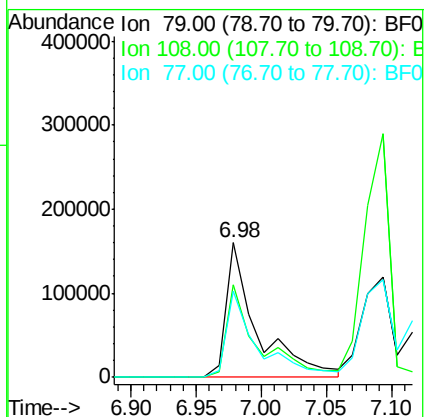
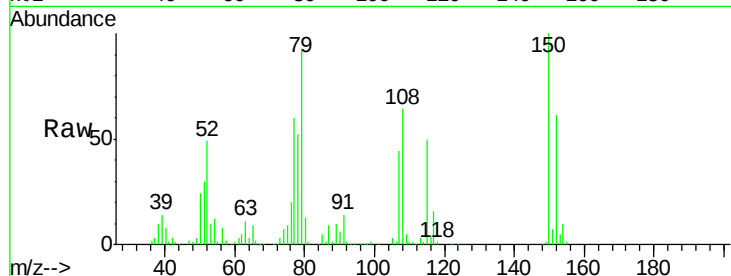
Tot Ion: 79 Resp: 267117

Ion Ratio Lower Upper

79 100

108 68.8 56.9 85.3

77 63.9 50.4 75.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.60 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

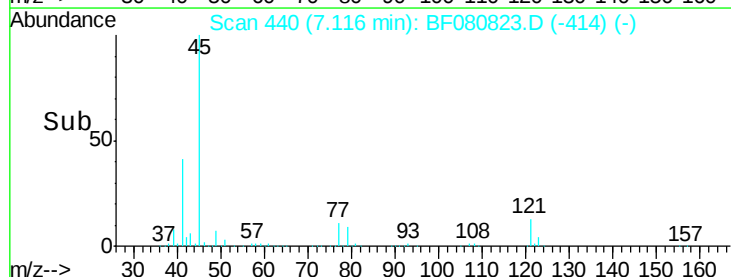
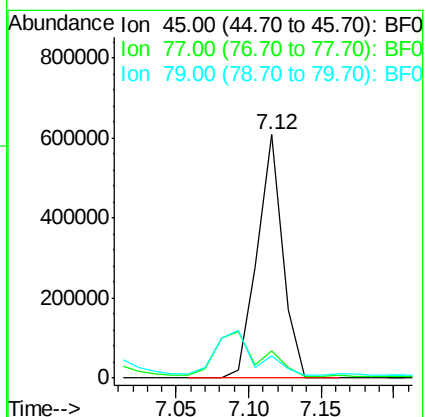
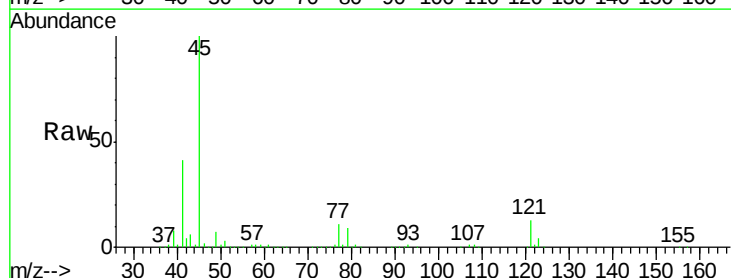
Tgt Ion: 45 Resp: 737773

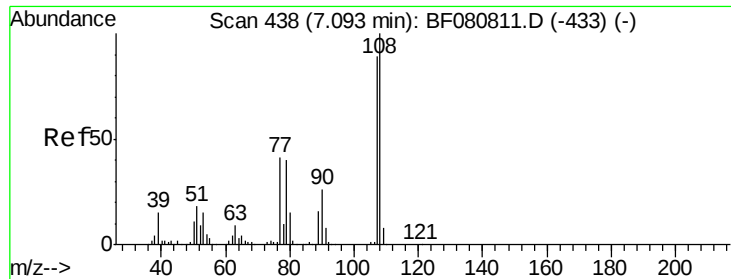
Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.5

79 8.9 0.0 28.2

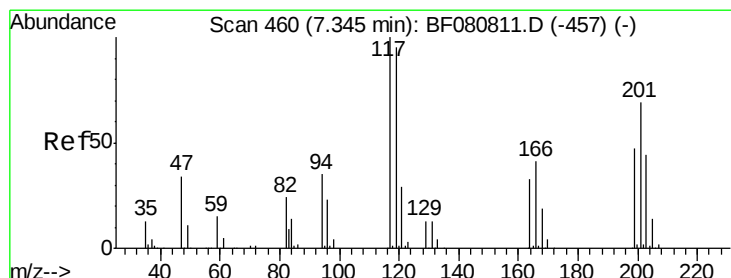
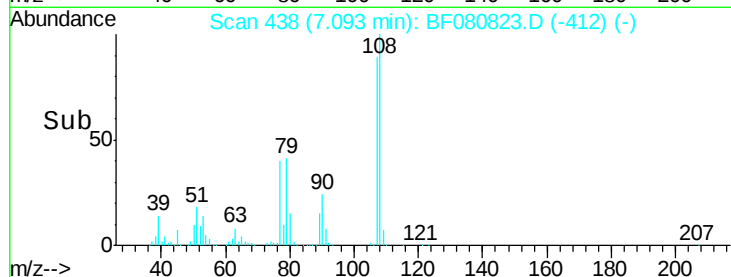
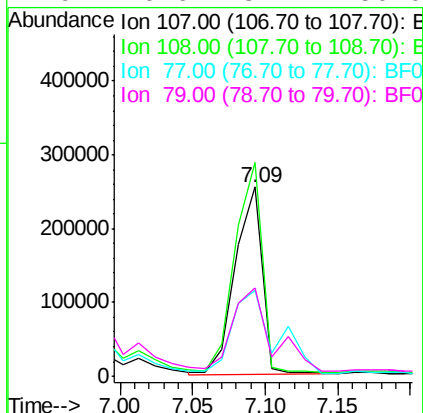
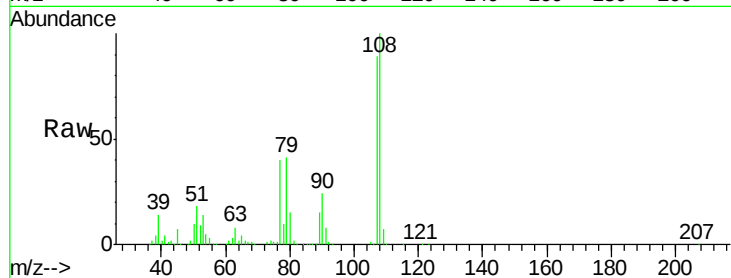




#17
2-Methylphenol
Concen: 38.18 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

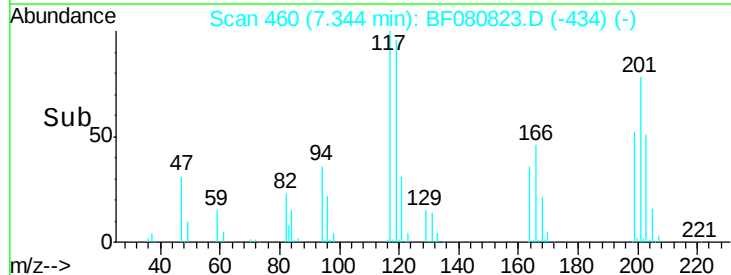
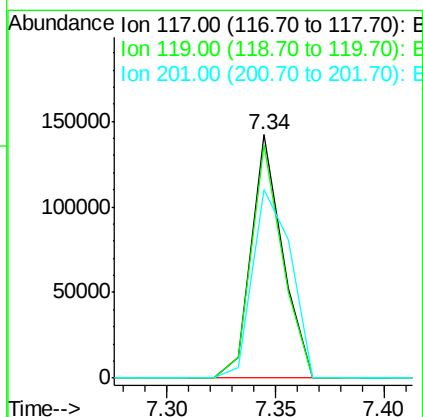
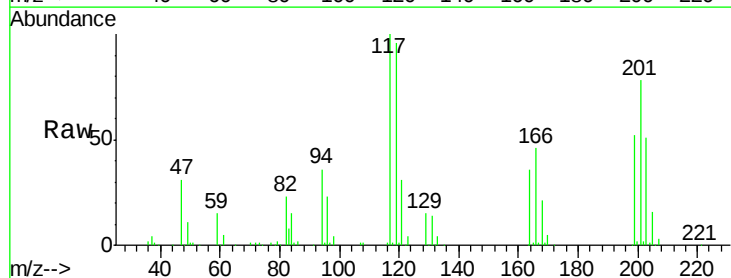
Instrument :
BNA_F
ClientSampleId :
PB84720BS

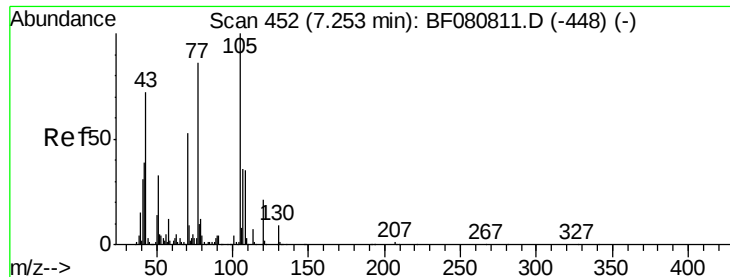
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.6	135.8
77	45.3	37.8	56.8
79	46.6	37.4	56.0



#18
Hexachloroethane
Concen: 35.39 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.3	114.5
201	77.6	55.5	83.3

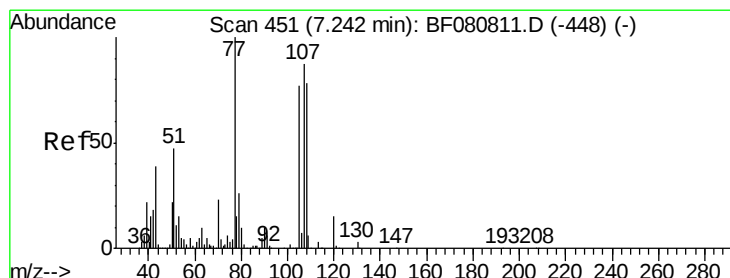
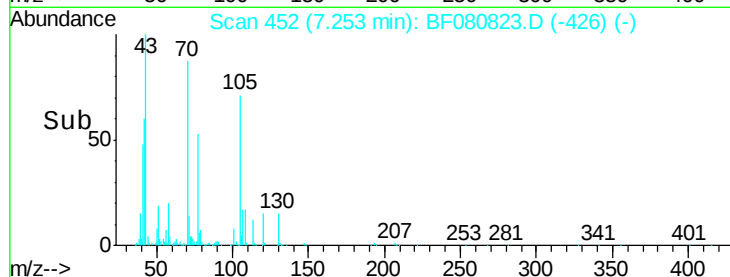
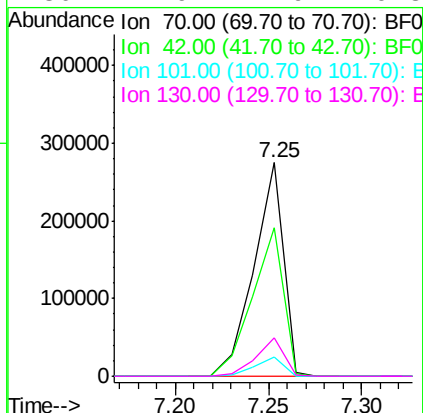
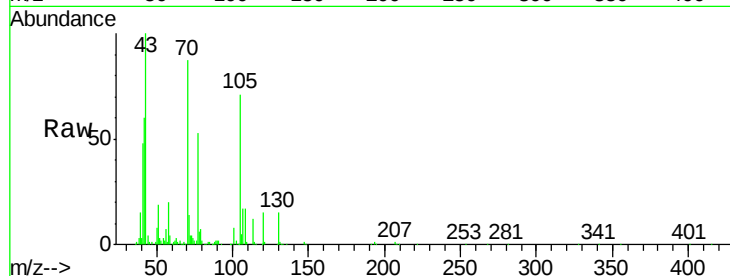




#19
n-Nitroso-di-n-propylamine
Concen: 39.07 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

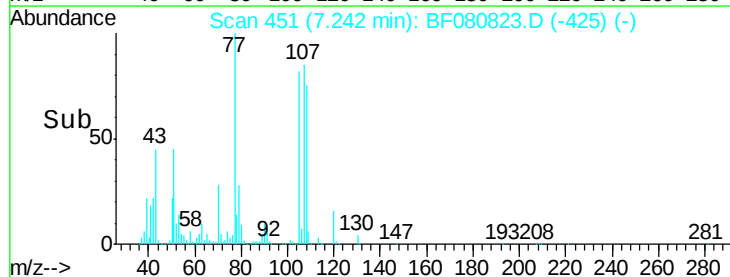
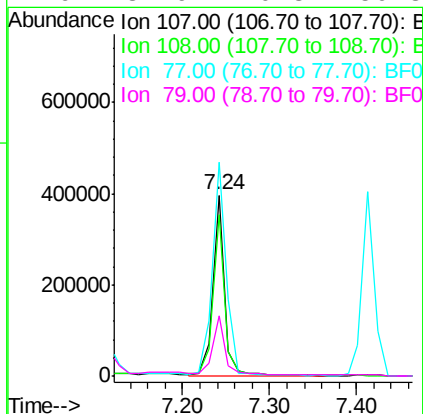
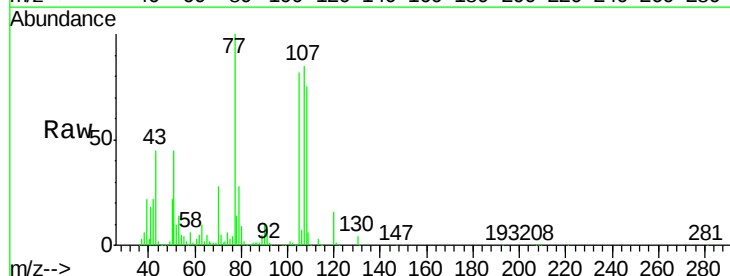
Instrument :
BNA_F
ClientSampleId :
PB84720BS

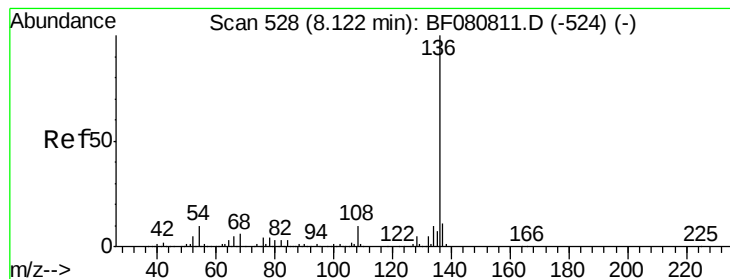
Tot Ion	Ratio	Lower	Upper
70	100		
42	69.8	59.1	88.7
101	8.8	6.6	10.0
130	17.9	12.9	19.3



#20
3+4-Methylphenols
Concen: 38.03 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	69.6	109.6
77	118.0	94.9	134.9
79	32.9	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: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

Tot Ion:136 Resp: 557878

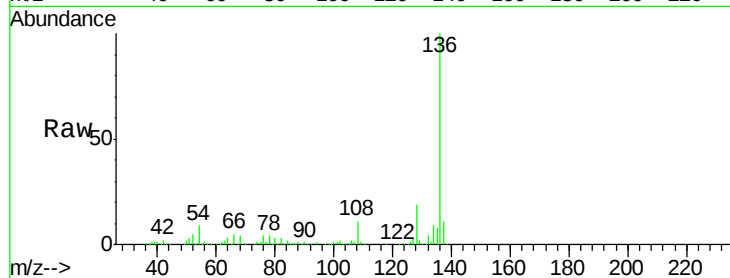
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.9 7.9 11.9

68 4.4 4.4 6.6

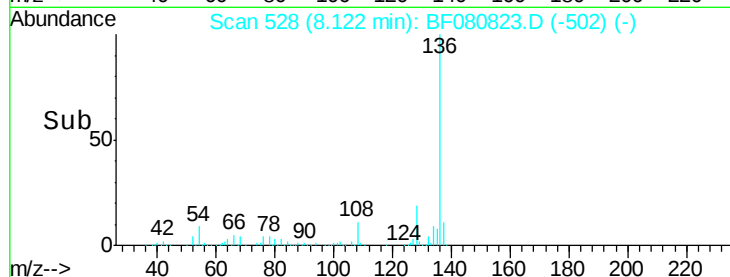


Abundance Ion 136.00 (135.70 to 136.70): E

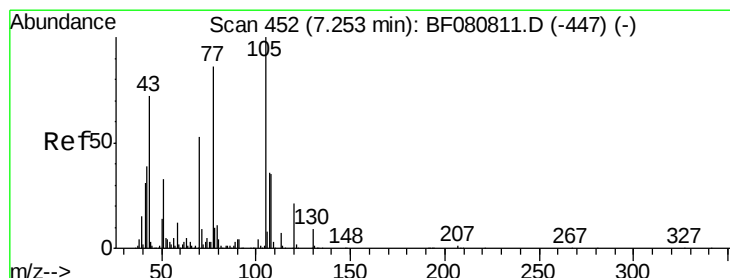
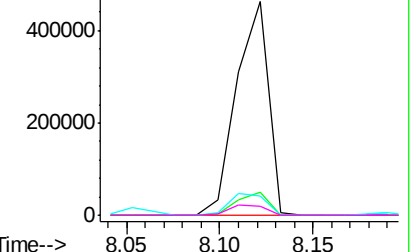
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.33 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion:105 Resp: 492069

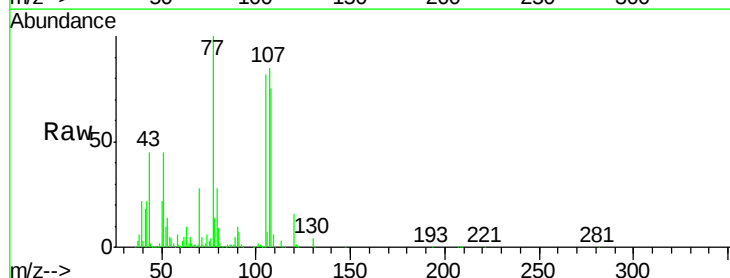
Ion Ratio Lower Upper

105 100

71 5.6 7.1 10.7#

51 54.9 26.5 39.7#

120 18.9 17.0 25.6

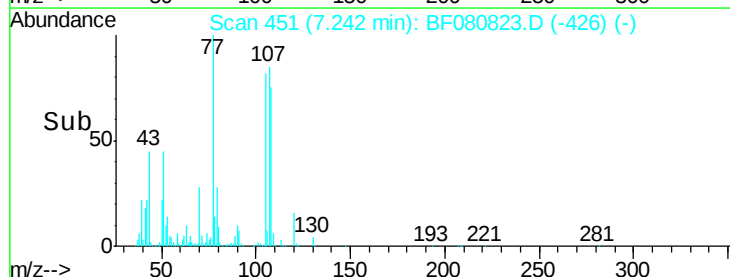


Abundance Ion 105.00 (104.70 to 105.70): E

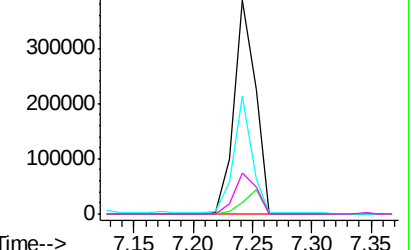
Ion 71.00 (70.70 to 71.70): BF0

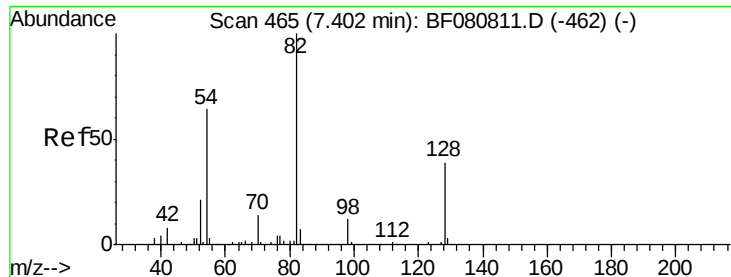
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

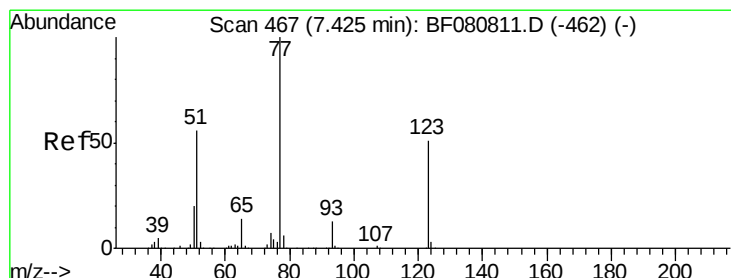
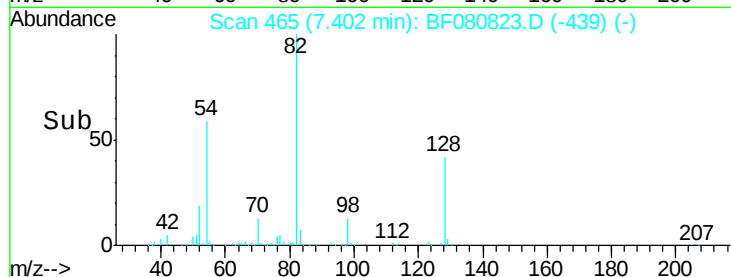
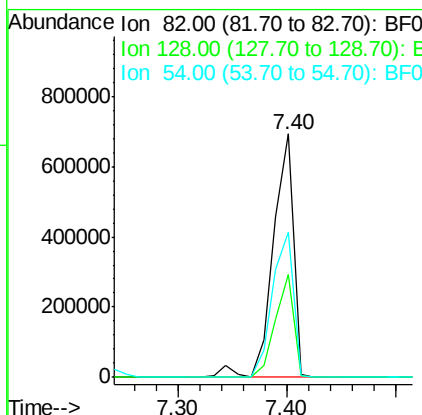
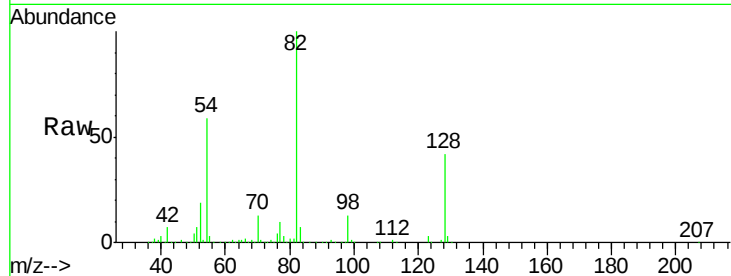




#23
 Nitrobenzene-d5
 Concen: 79.49 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

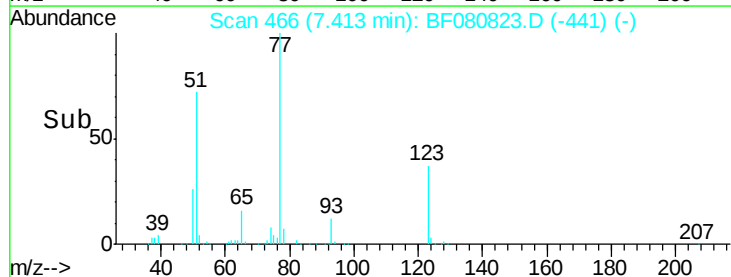
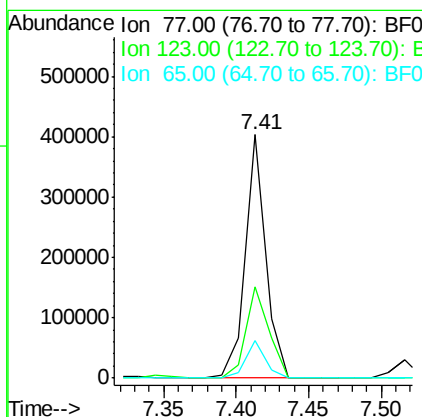
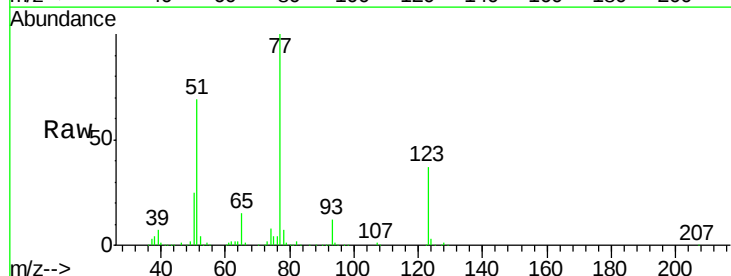
Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

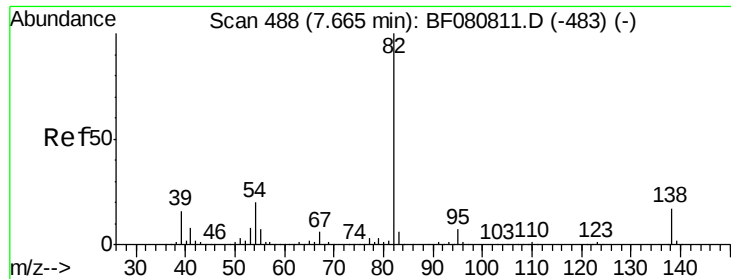
Tot Ion	82	Resp	898605
Ion Ratio	Lower	Upper	
82	100		
128	42.4	31.4	47.0
54	59.3	51.0	76.4



#24
 Nitrobenzene
 Concen: 33.98 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	77	Resp	391993
Ion Ratio	Lower	Upper	
77	100		
123	37.4	40.7	61.1#
65	15.5	11.3	16.9





#25

Isophorone

Concen: 35.42 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

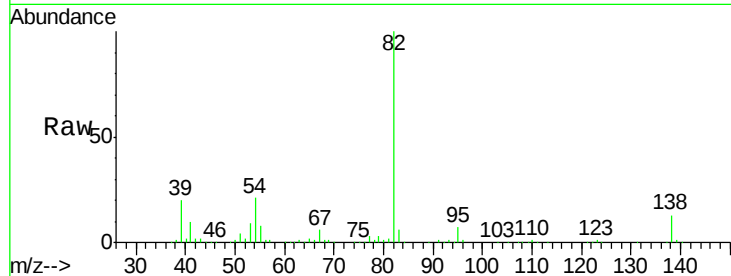
Tot Ion: 82 Resp: 716071

Ion Ratio Lower Upper

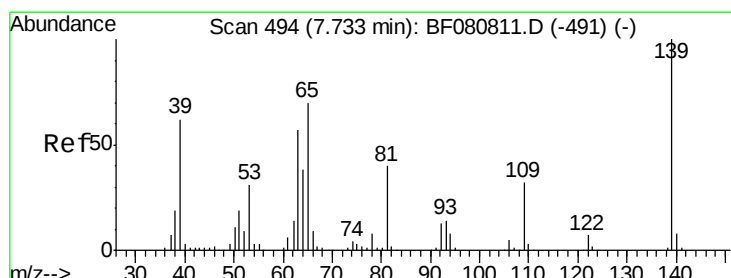
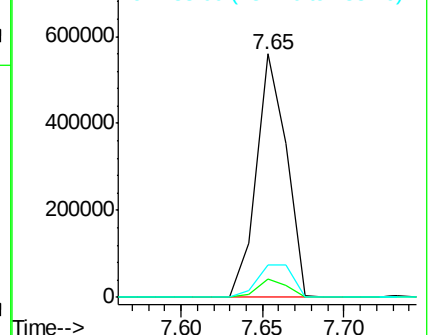
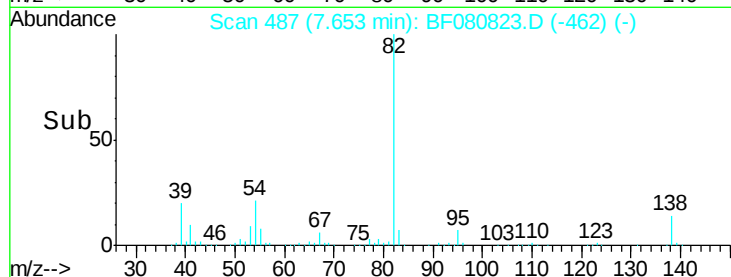
82 100

95 7.4 5.9 8.9

138 13.5 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): BF0



#26

2-Nitrophenol

Concen: 37.99 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

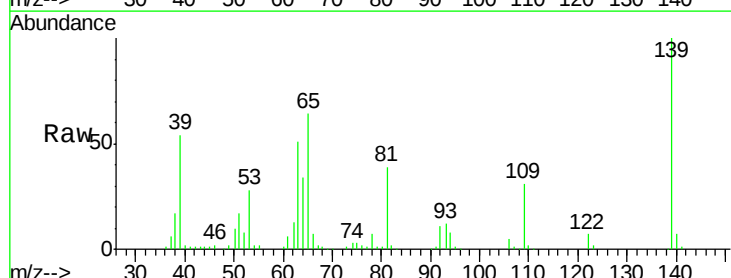
Tgt Ion: 139 Resp: 187400

Ion Ratio Lower Upper

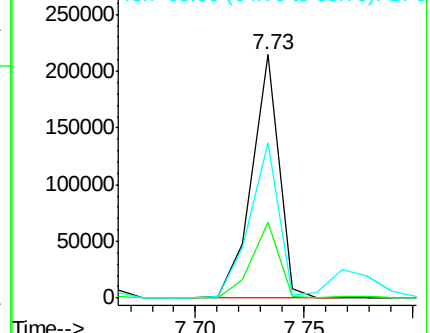
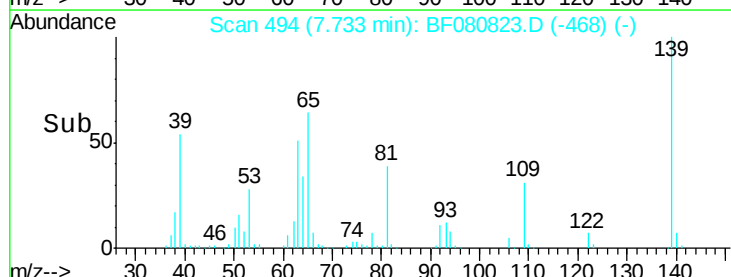
139 100

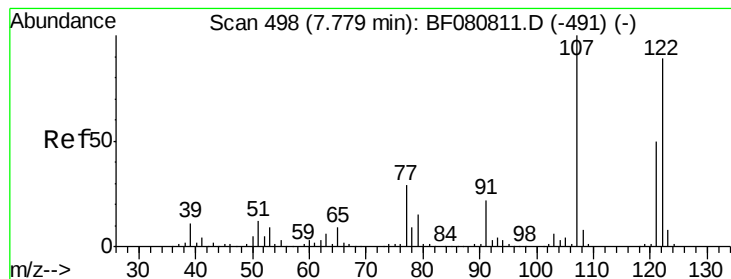
109 31.3 25.3 37.9

65 63.8 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

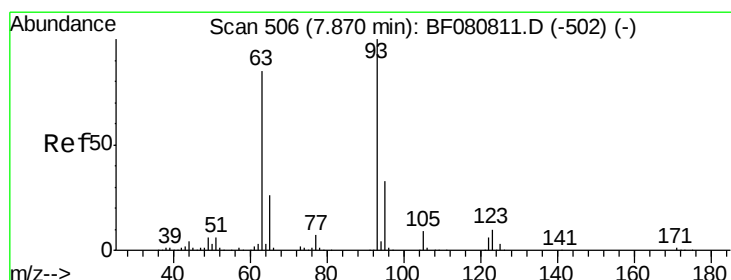
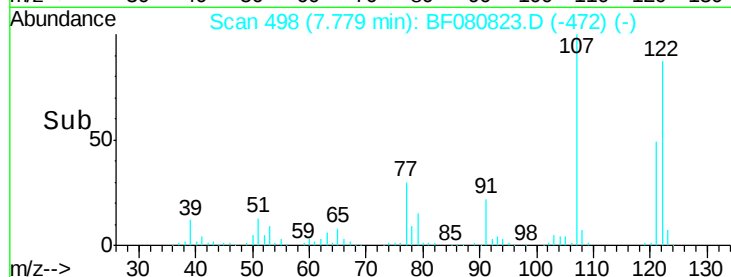
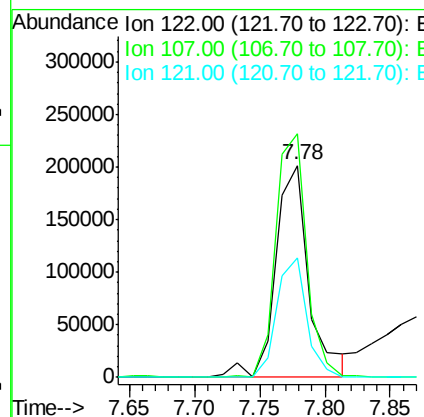
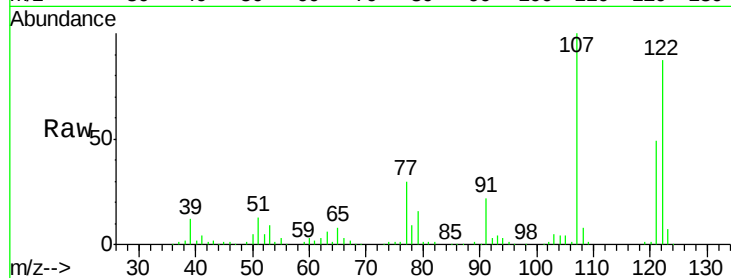




#27
 2,4-Dimethylphenol
 Concen: 38.57 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

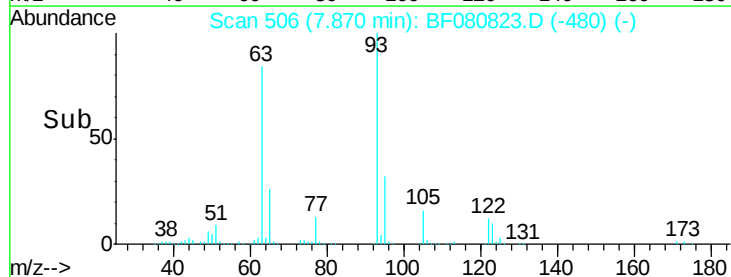
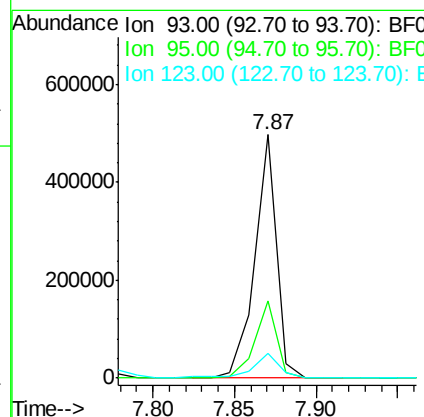
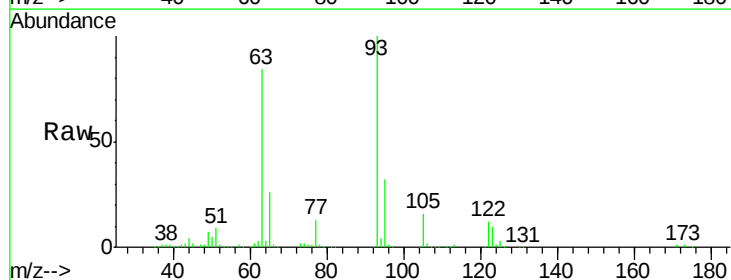
Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

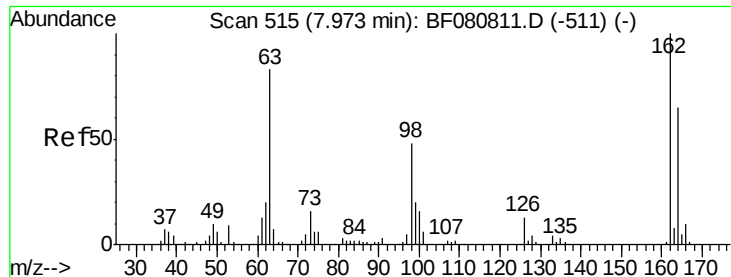
Tot Ion:122 Resp: 362462
 Ion Ratio Lower Upper
 122 100
 107 114.8 90.2 135.4
 121 56.4 45.4 68.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.57 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion: 93 Resp: 458927
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.1 39.1
 123 10.4 8.0 12.0

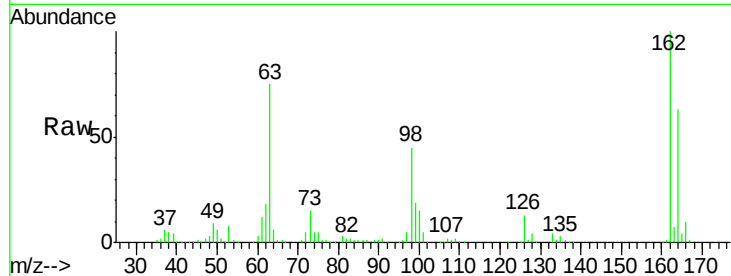




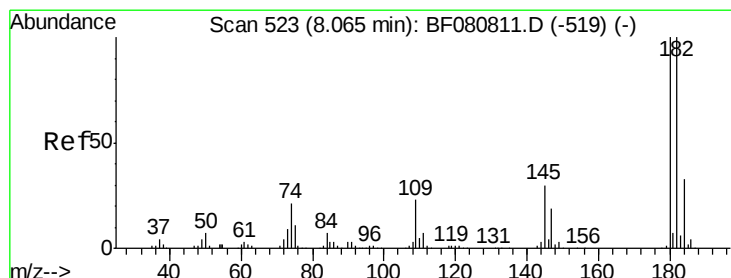
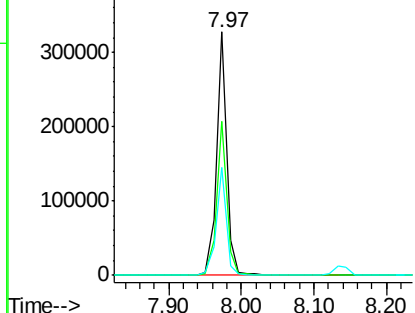
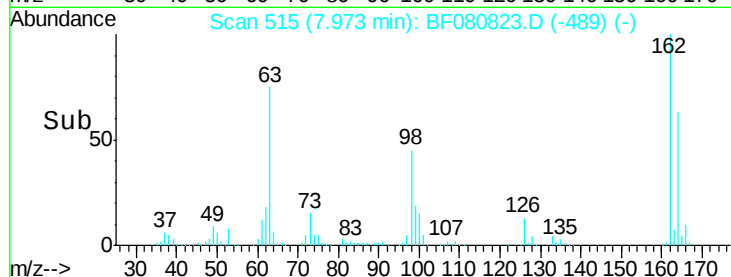
#29
 2,4-Dichlorophenol
 Concen: 40.74 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.3	85.3
98	44.6	27.7	67.7

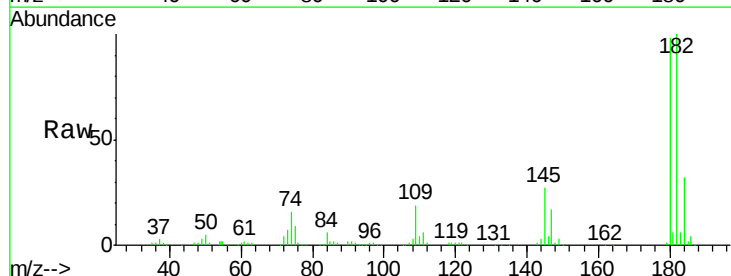


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

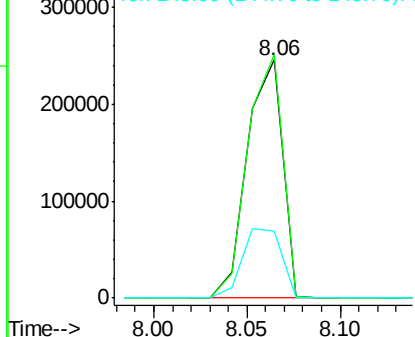
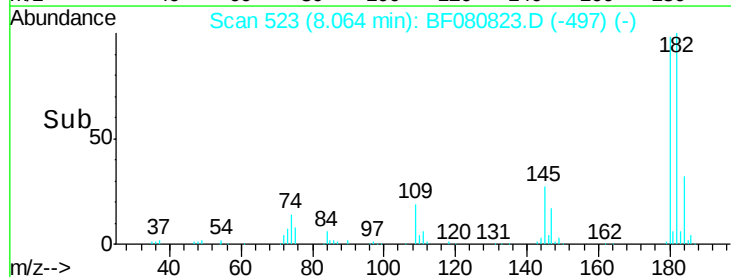


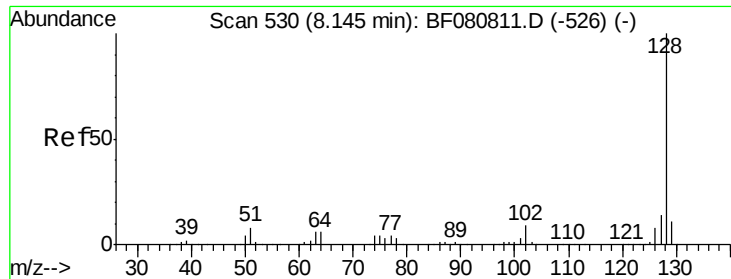
#30
 1,2,4-Trichlorobenzene
 Concen: 37.47 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.2	79.7	119.5
145	27.9	23.8	35.8



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

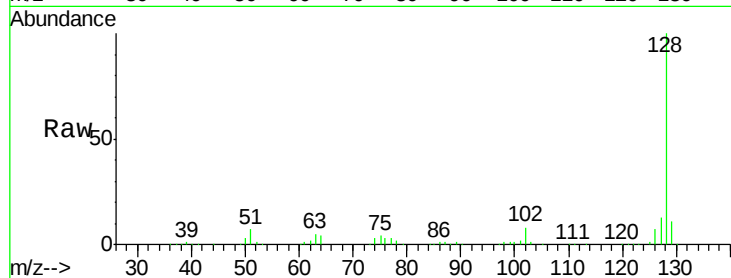




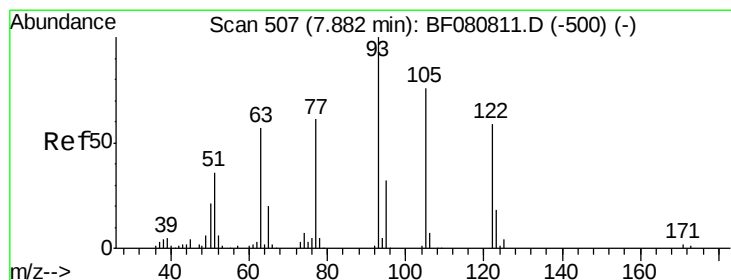
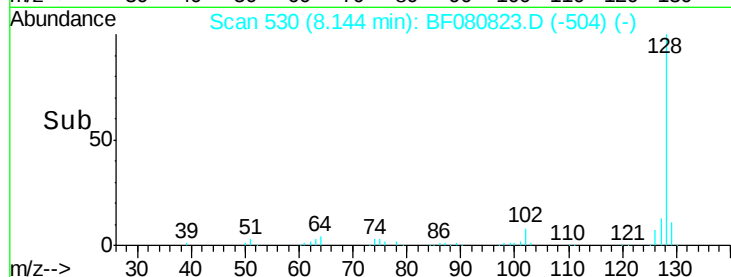
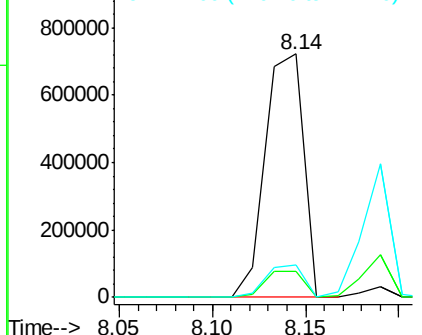
#31
Naphthalene
Concen: 37.48 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Tot Ion:128 Resp: 1027336
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.1 10.8 16.2

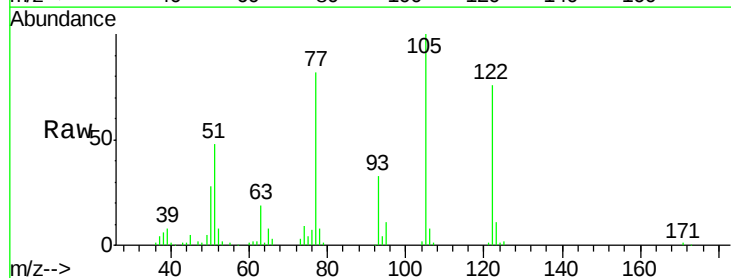


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

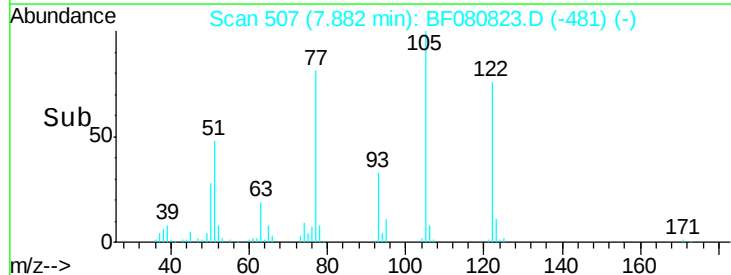
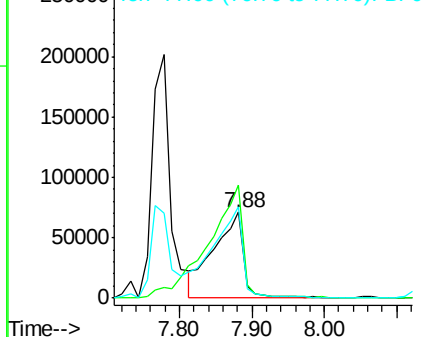


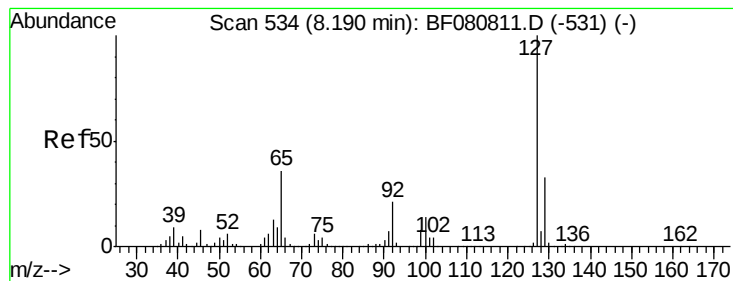
#32
Benzoic acid
Concen: 35.35 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion:122 Resp: 201217
Ion Ratio Lower Upper
122 100
105 131.4 102.3 142.3
77 107.3 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: 35.43 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

Tot Ion:127 Resp: 408536

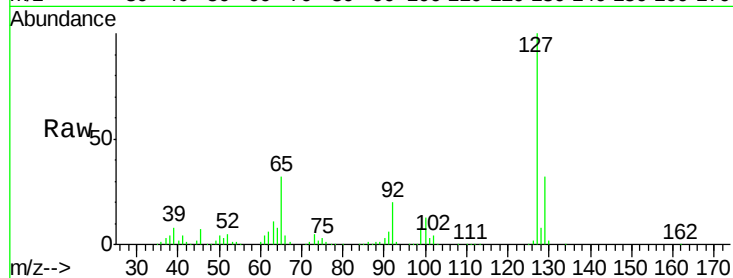
Ion Ratio Lower Upper

127 100

129 31.8 26.1 39.1

65 32.2 28.9 43.3

92 20.4 16.7 25.1

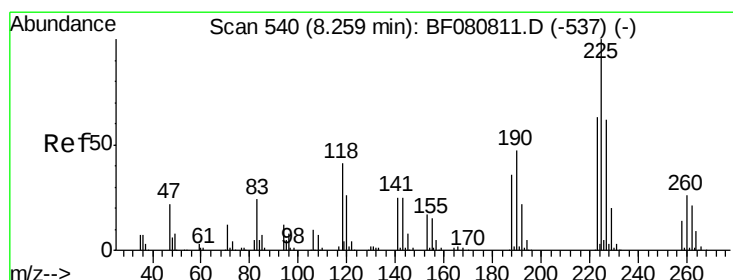
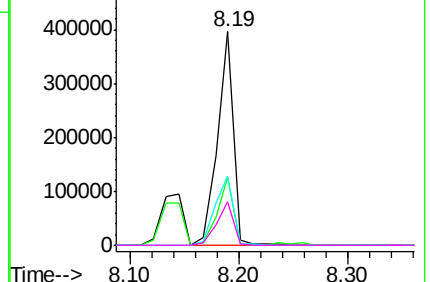
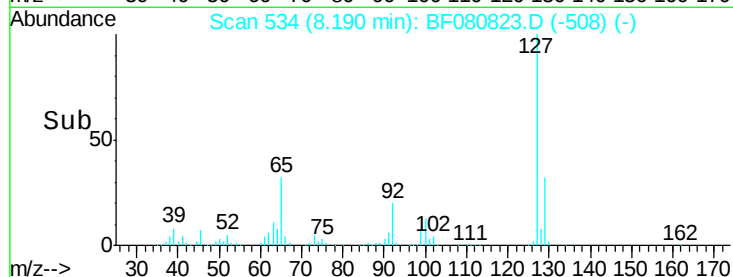


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 36.21 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

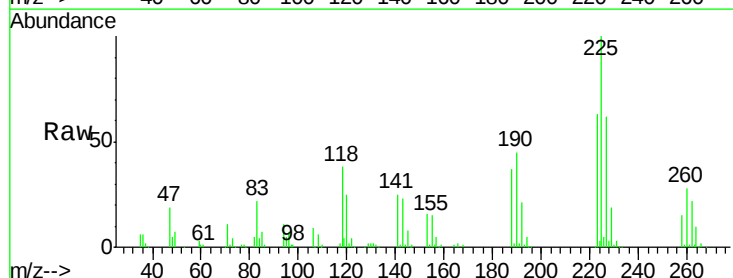
Tgt Ion:225 Resp: 190687

Ion Ratio Lower Upper

225 100

223 63.5 50.2 75.2

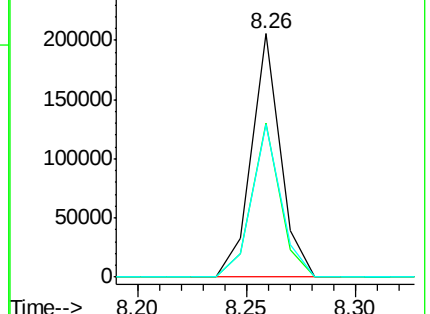
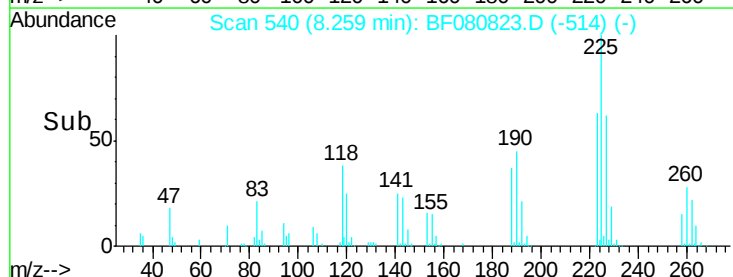
227 62.5 49.7 74.5

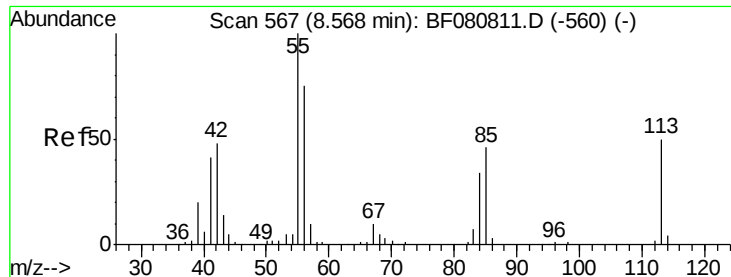


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

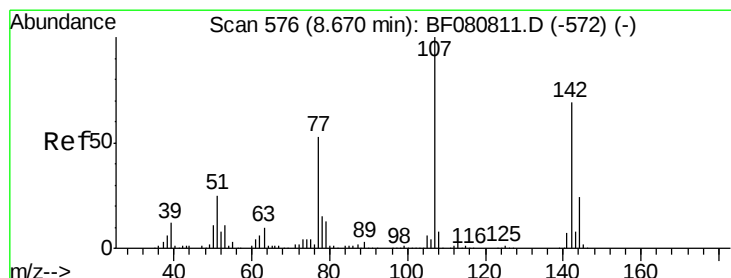
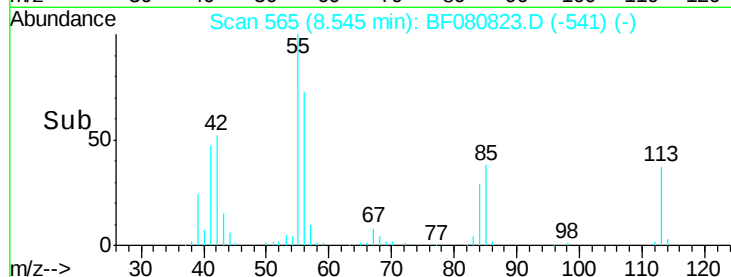
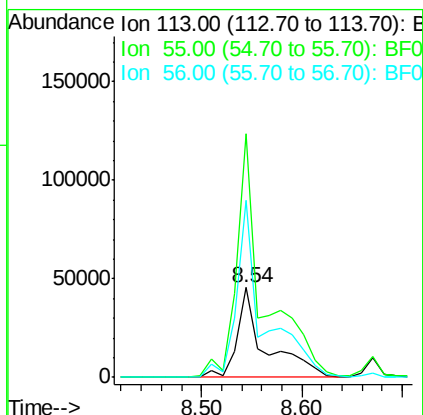
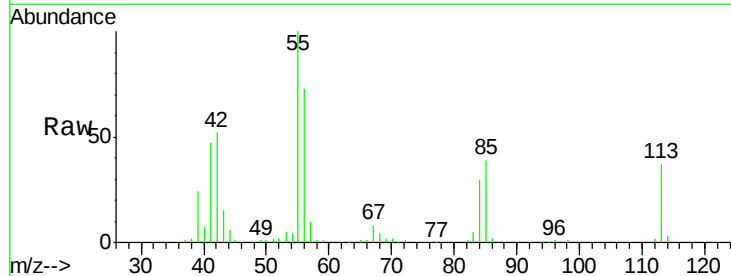




#35
Caprolactam
Concen: 40.40 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.02 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

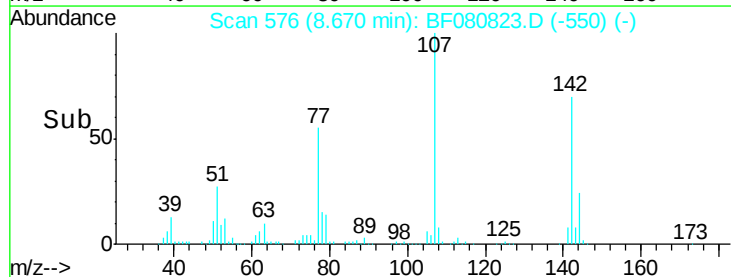
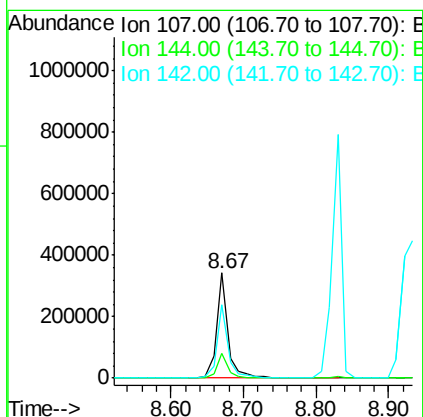
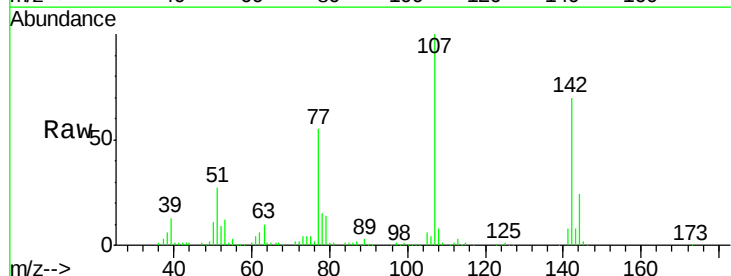
Instrument :
BNA_F
ClientSampleId :
PB84720BS

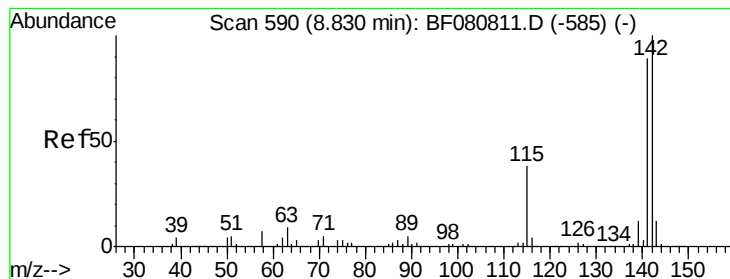
Tot Ion:113 Resp: 88012
Ion Ratio Lower Upper
113 100
55 272.3 179.0 219.0#
56 198.3 128.2 168.2#



#36
4-Chloro-3-methylphenol
Concen: 43.77 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion:107 Resp: 366615
Ion Ratio Lower Upper
107 100
144 23.6 19.0 28.4
142 70.0 54.9 82.3

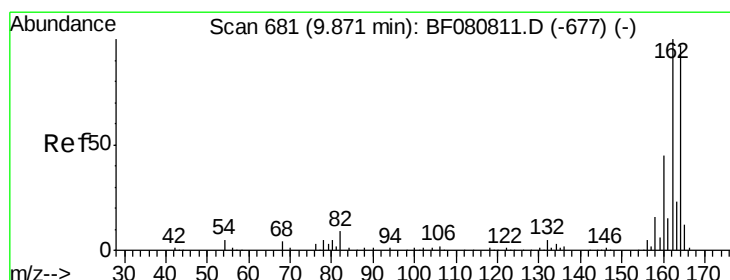
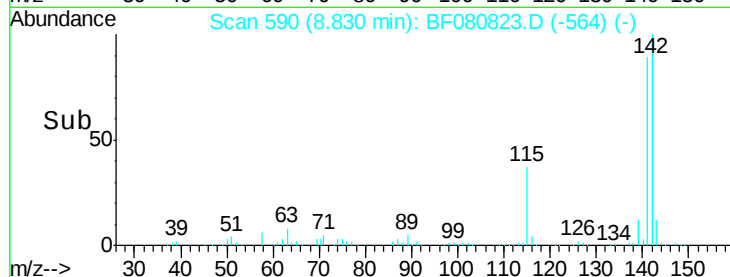
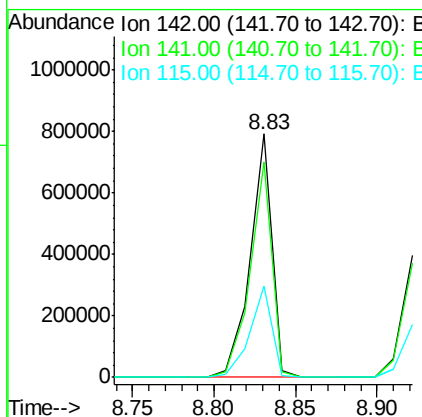
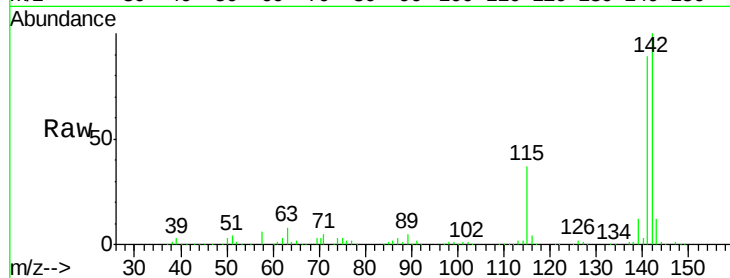




#37
2-Methylnaphthalene
Concen: 42.67 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

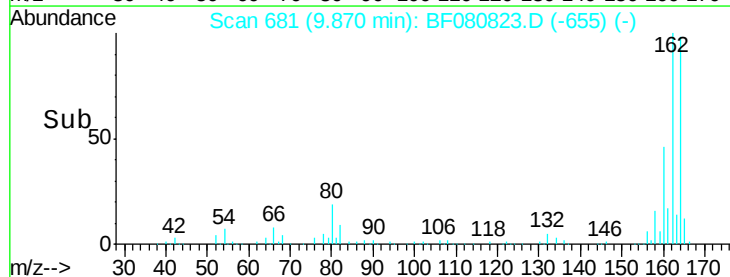
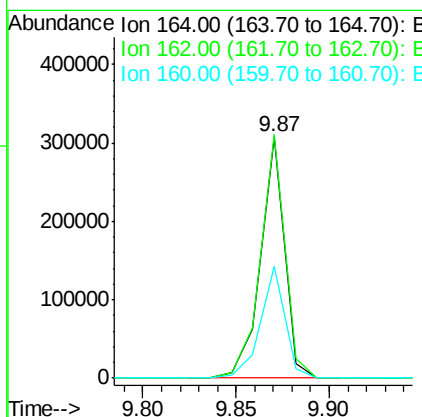
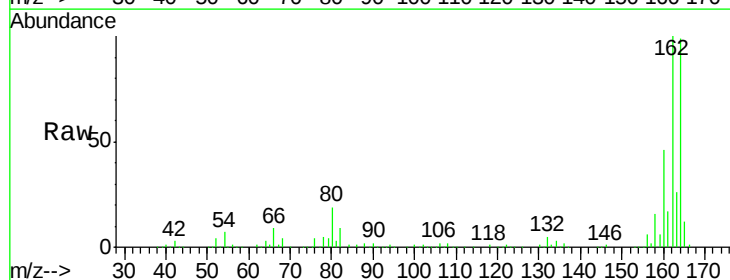
Instrument :
BNA_F
ClientSampled :
PB84720BS

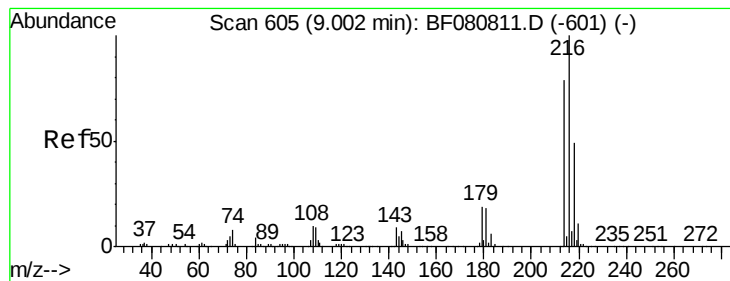
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.3	106.9
115	37.3	30.6	45.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.3	123.5
160	46.3	37.3	55.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.06 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

Tot Ion:216 Resp: 301485

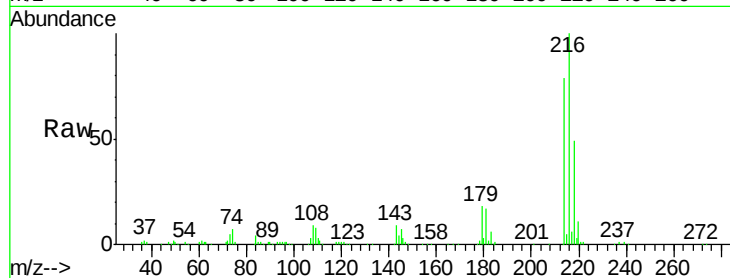
Ion Ratio Lower Upper

216 100

214 80.5 64.0 96.0

179 20.8 16.9 25.3

108 21.5 14.9 22.3

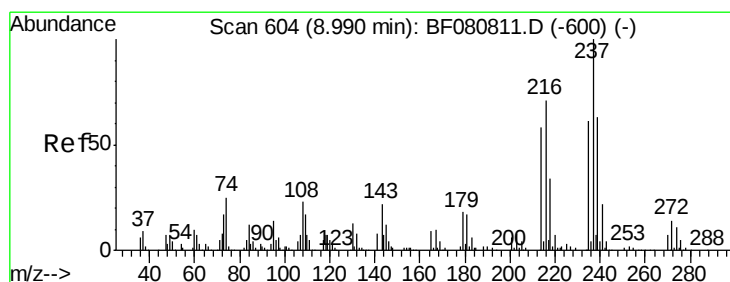
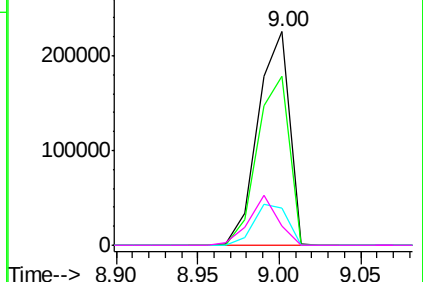
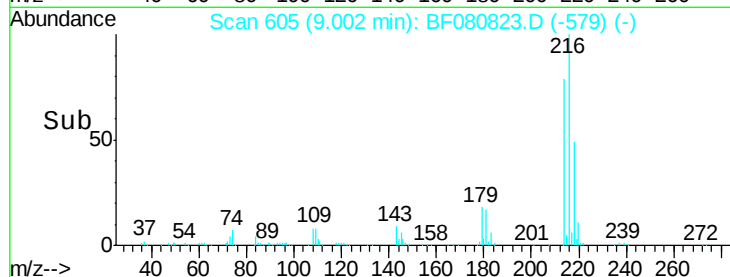


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.53 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

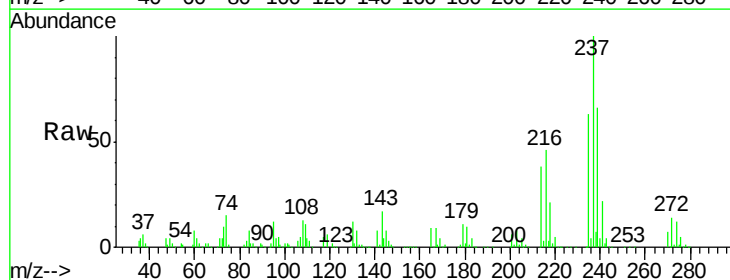
Tgt Ion:237 Resp: 439489

Ion Ratio Lower Upper

237 100

235 62.8 41.5 81.5

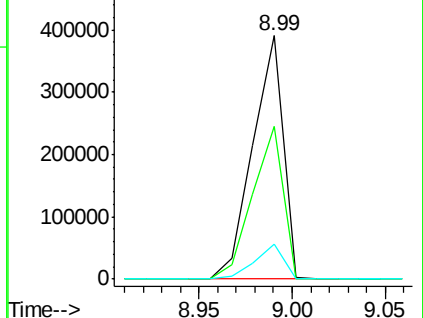
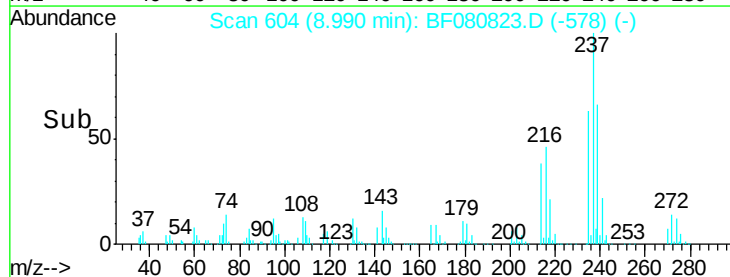
272 14.2 0.0 33.7

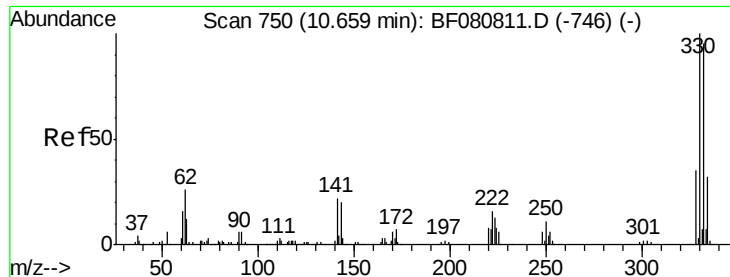


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

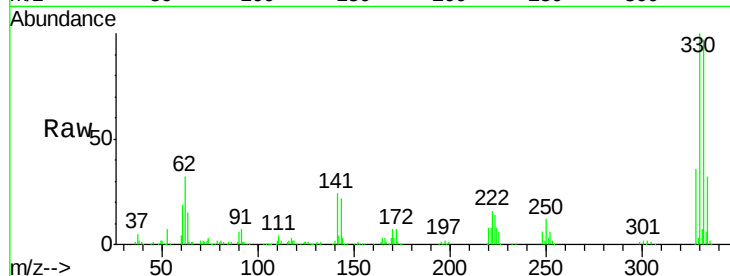




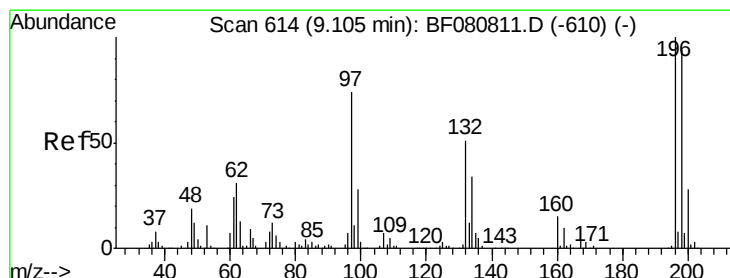
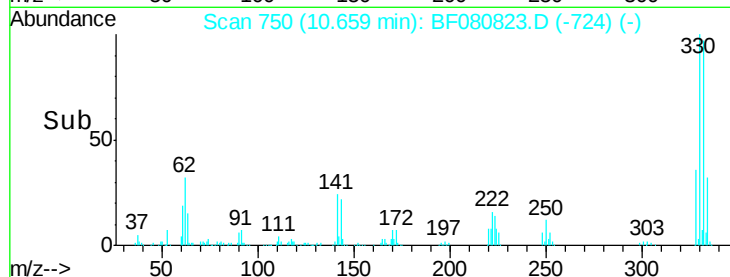
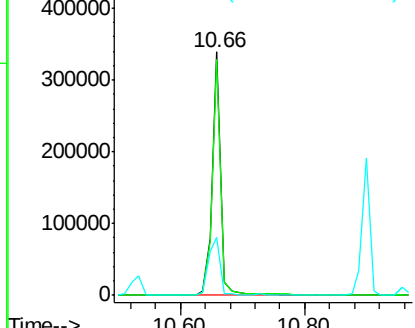
#41
 2,4,6-Tribromophenol
 Concen: 124.76 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tot Ion:330 Resp: 323758
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.2 114.4
 141 32.8 25.4 38.0

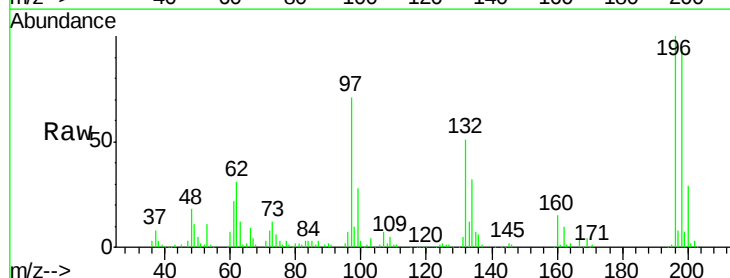


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

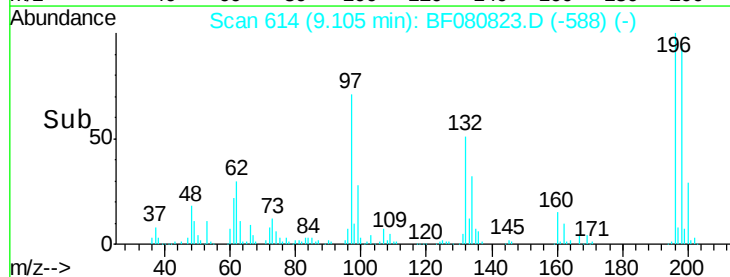
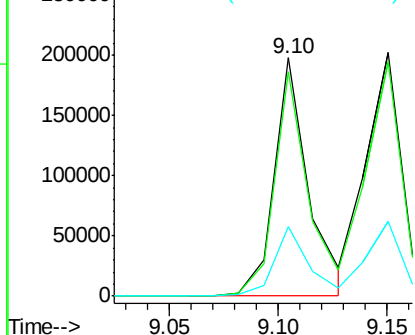


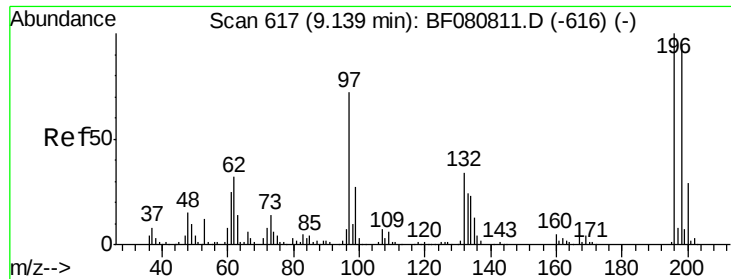
#42
 2,4,6-Trichlorophenol
 Concen: 35.78 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion:196 Resp: 218492
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.3 112.9
 200 29.2 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

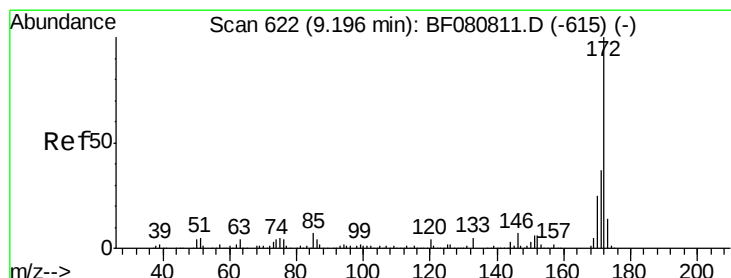
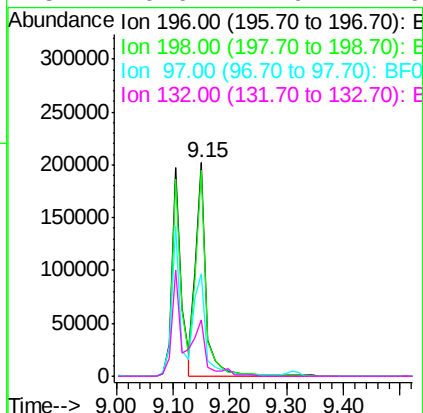
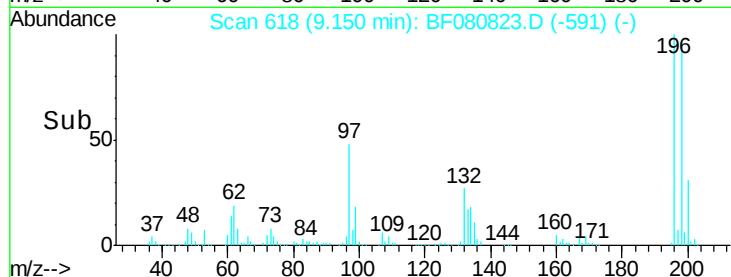
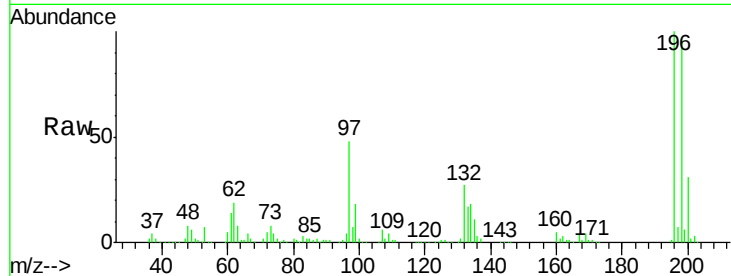




#43
 2,4,5-Trichlorophenol
 Concen: 43.61 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

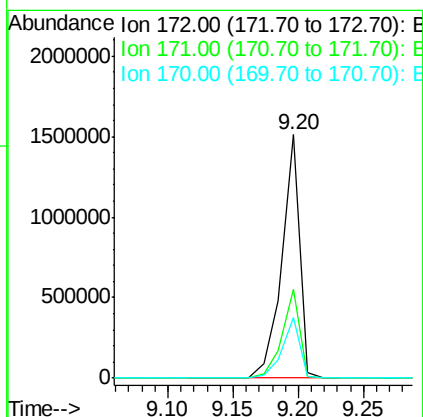
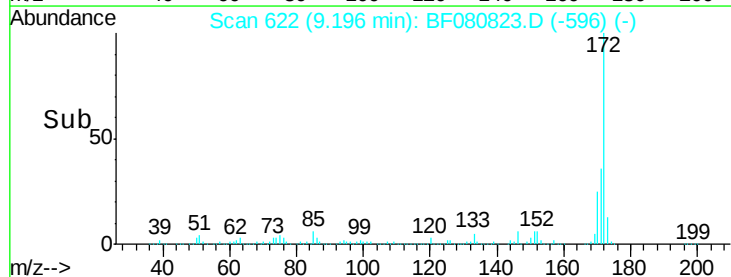
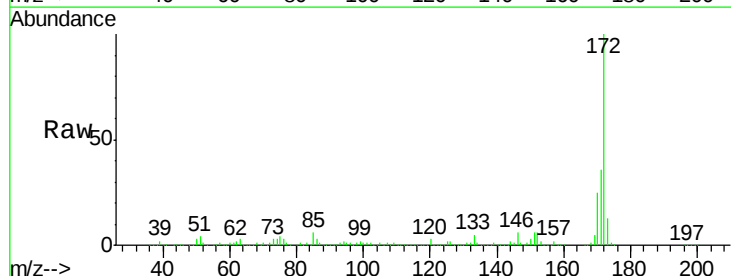
Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

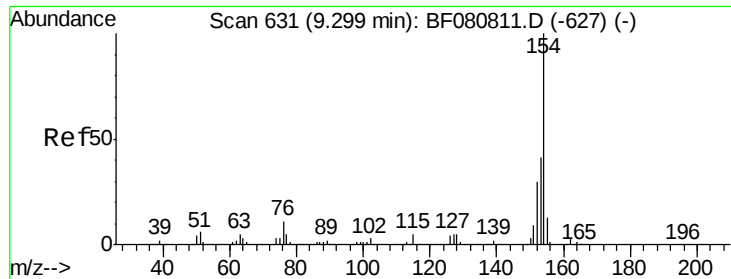
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.3	114.5
97	48.2	58.8	88.2
132	26.6	27.9	41.9



#44
 2-Fluorobiphenyl
 Concen: 81.03 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	24.9	20.2	30.4

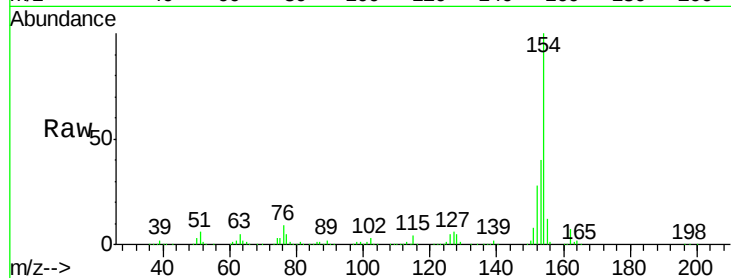




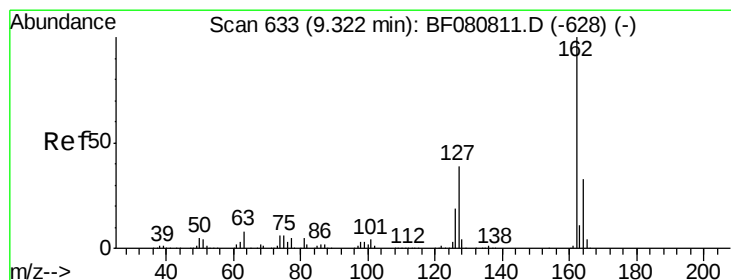
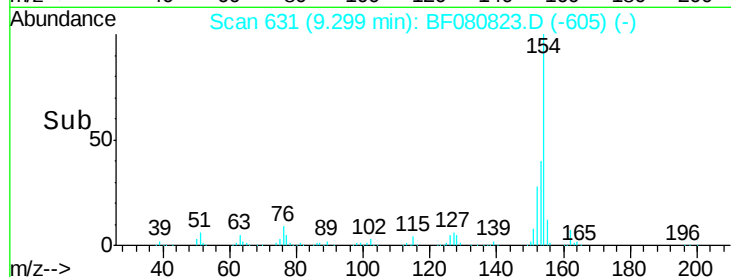
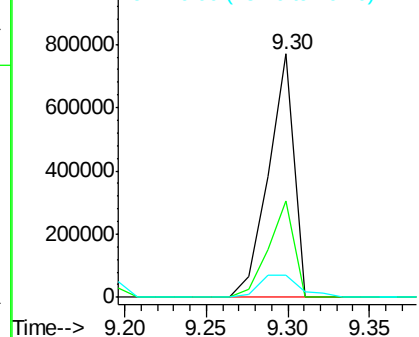
#45
 1,1'-Biphenyl
 Concen: 40.91 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.1	61.1
76	9.0	0.0	30.5

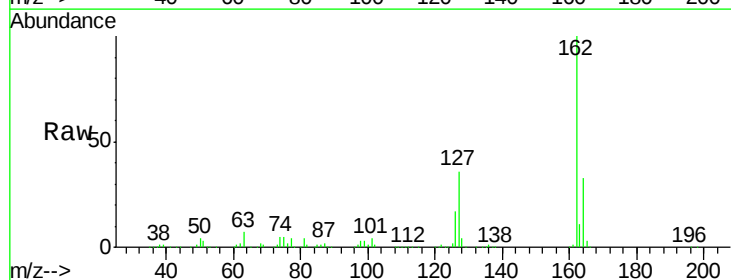


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

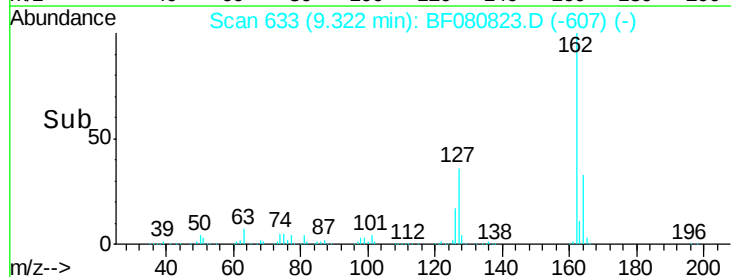
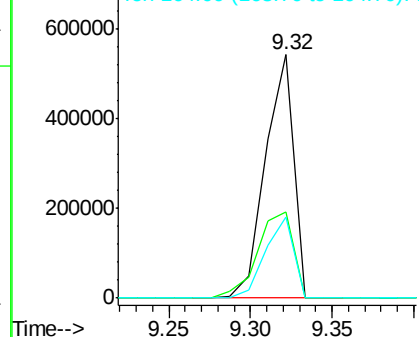


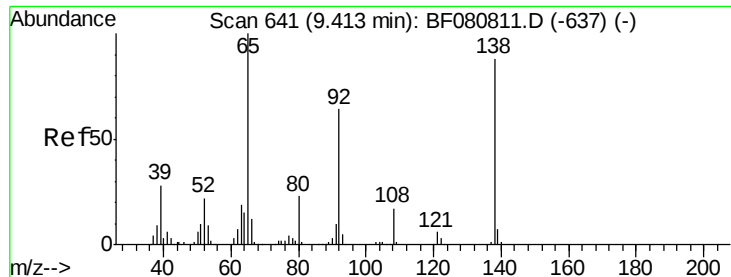
#46
 2-Chloronaphthalene
 Concen: 38.50 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.6	31.0	46.6
164	33.3	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

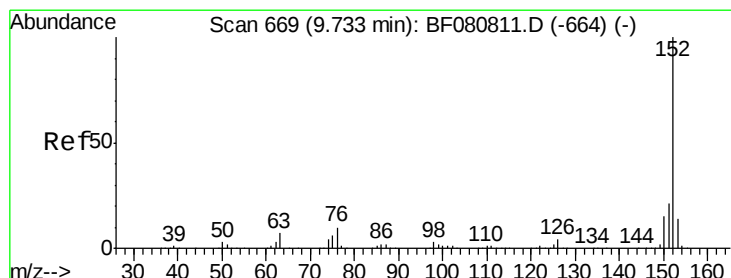
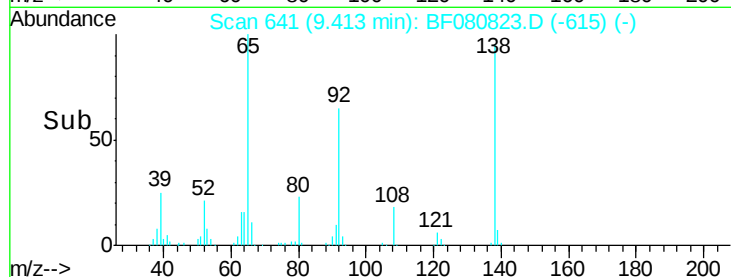
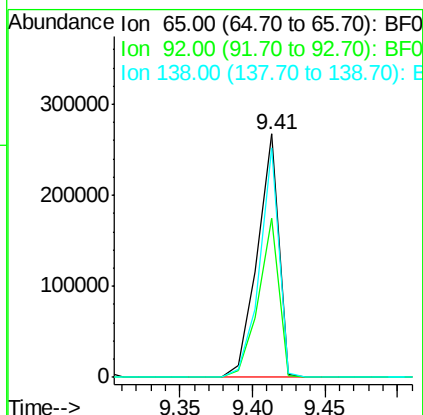
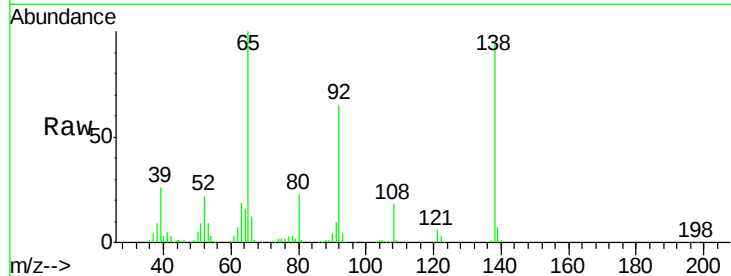




#47
2-Nitroaniline
Concen: 43.66 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

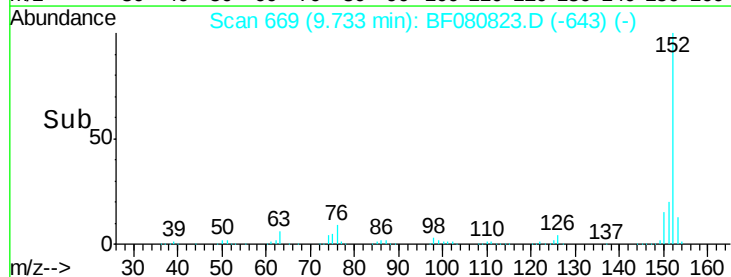
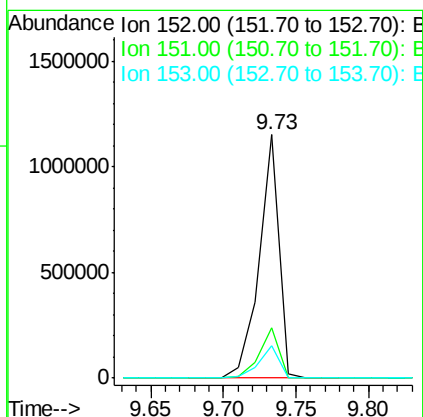
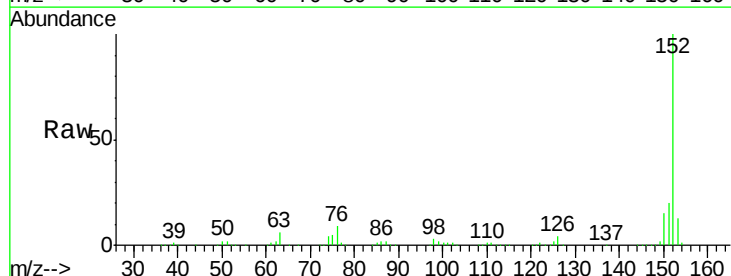
Instrument :
BNA_F
ClientSampleId :
PB84720BS

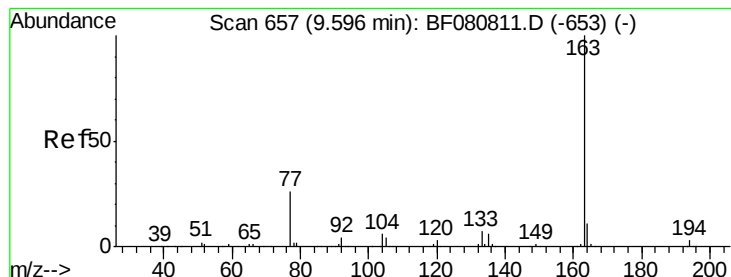
Tot Ion: 65 Resp: 274341
Ion Ratio Lower Upper
65 100
92 65.2 50.9 76.3
138 94.5 70.6 105.8



#48
Acenaphthylene
Concen: 41.04 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion: 152 Resp: 1088723
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.3 11.0 16.4





#49

Dimethylphthalate

Concen: 40.70 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleID :

PB84720BS

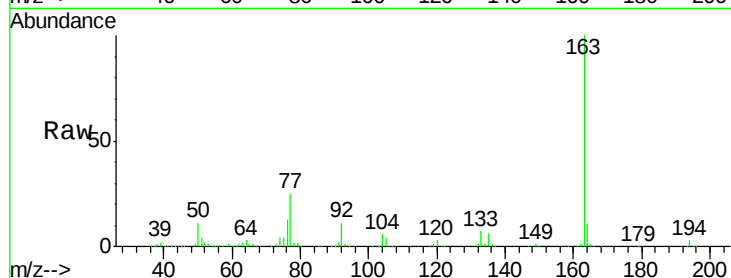
Tot Ion:163 Resp: 736286

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

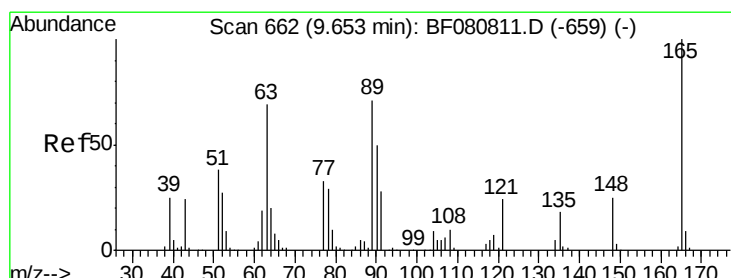
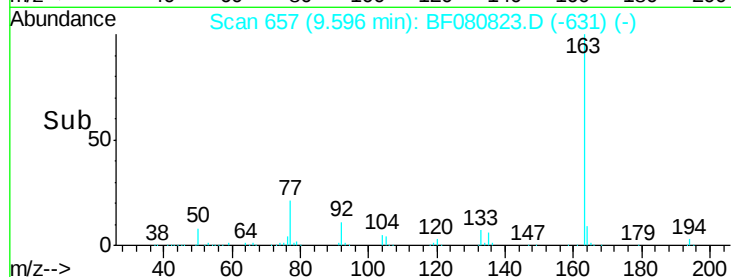
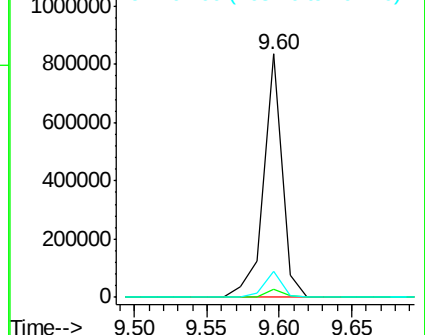
164 10.6 8.5 12.7



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: 39.94 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

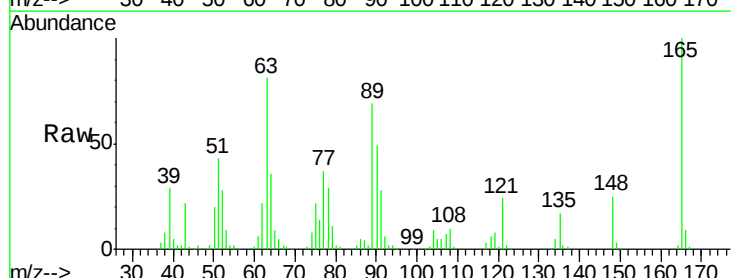
Tgt Ion:165 Resp: 155628

Ion Ratio Lower Upper

165 100

63 80.9 68.2 102.4

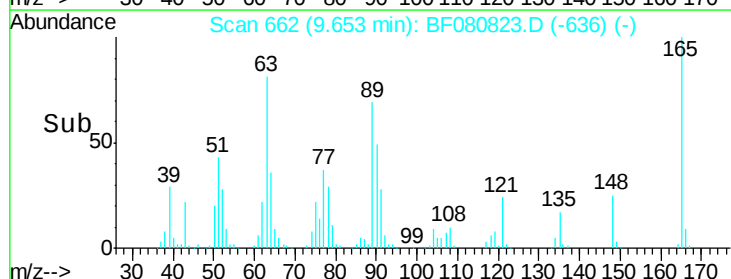
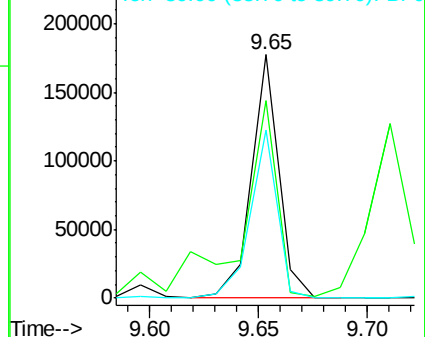
89 69.2 56.9 85.3

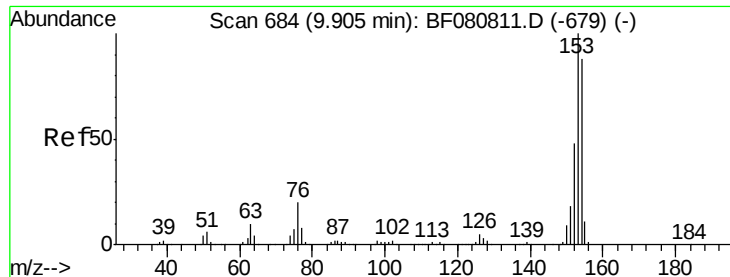


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

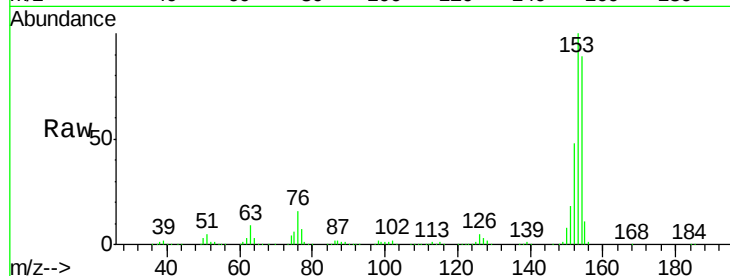
Tot Ion:154 Resp: 751186

Ion Ratio Lower Upper

154 100

153 112.4 91.4 137.2

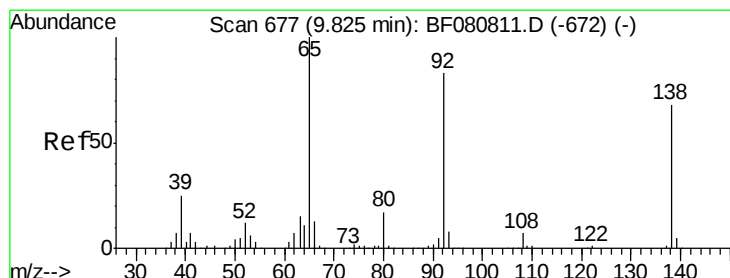
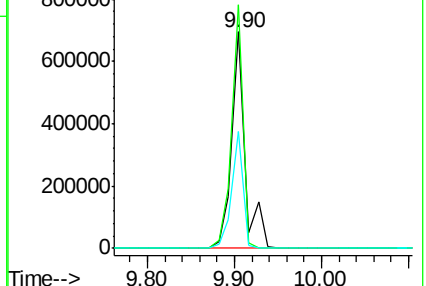
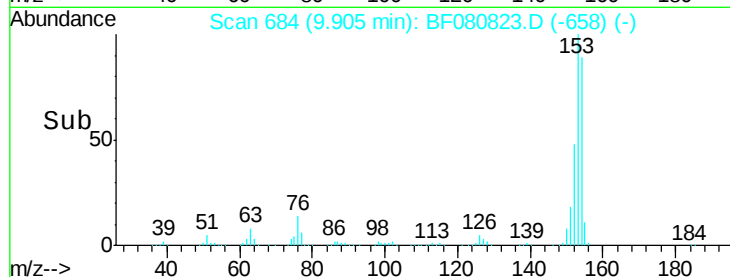
152 53.9 44.1 66.1



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: 36.42 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

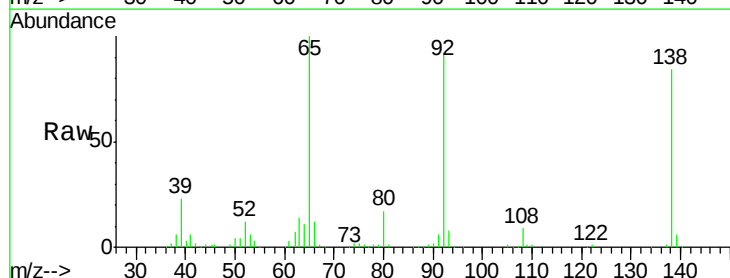
Tgt Ion:138 Resp: 164657

Ion Ratio Lower Upper

138 100

108 10.2 8.6 13.0

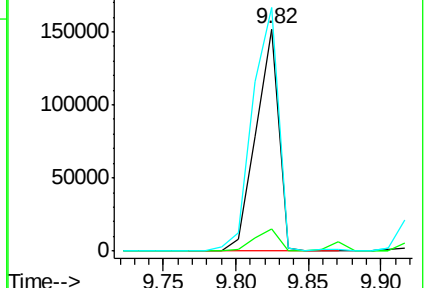
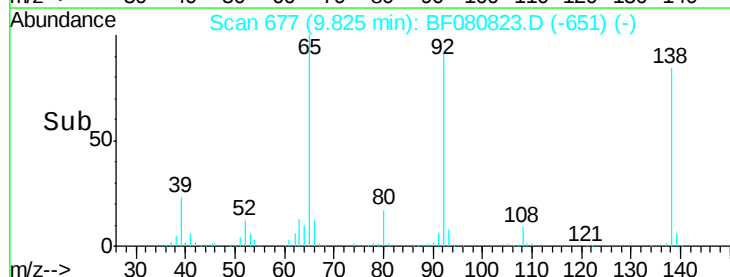
92 109.7 97.4 146.2

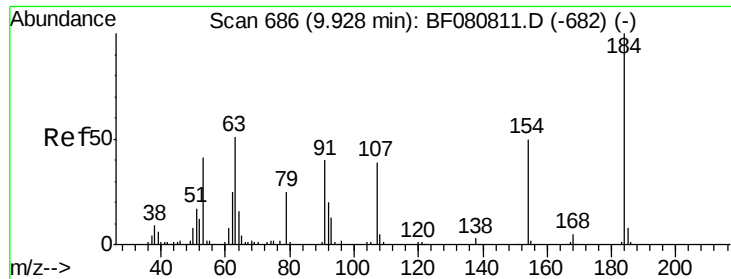


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

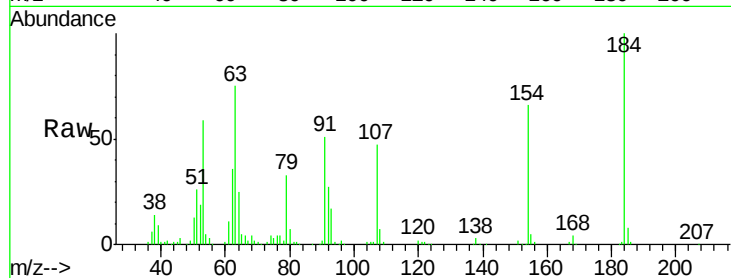




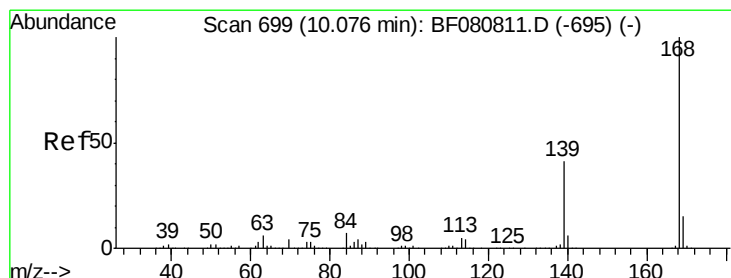
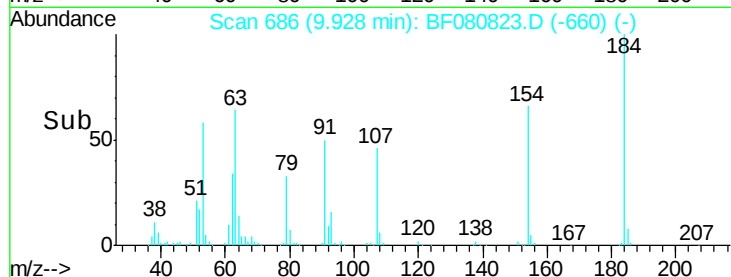
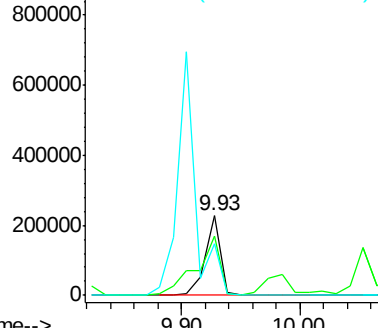
#53
 2,4-Dinitrophenol
 Concen: 101.33 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tot Ion:184 Resp: 202007
 Ion Ratio Lower Upper
 184 100
 63 74.7 42.2 63.2#
 154 65.7 47.4 71.0

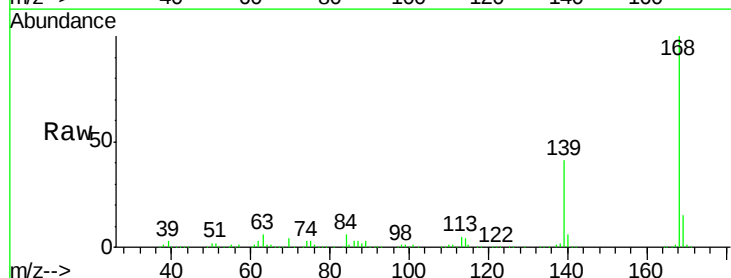


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

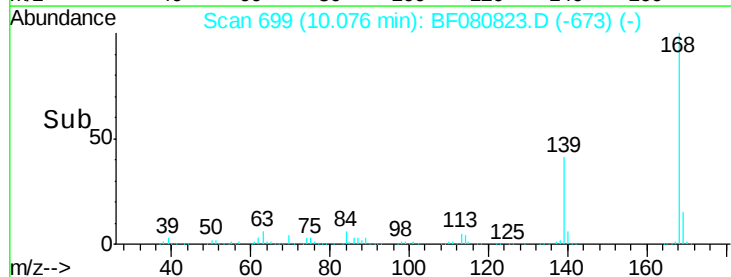
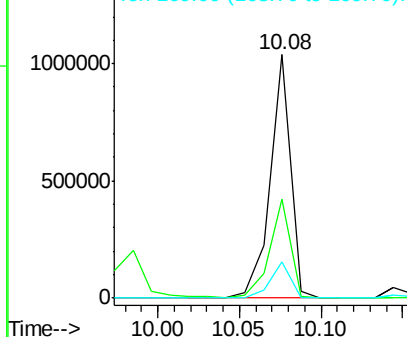


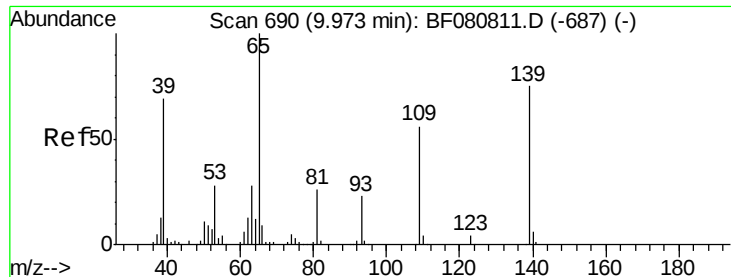
#54
 Dibenzofuran
 Concen: 42.90 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion:168 Resp: 907461
 Ion Ratio Lower Upper
 168 100
 139 40.8 32.8 49.2
 169 14.8 11.6 17.4



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

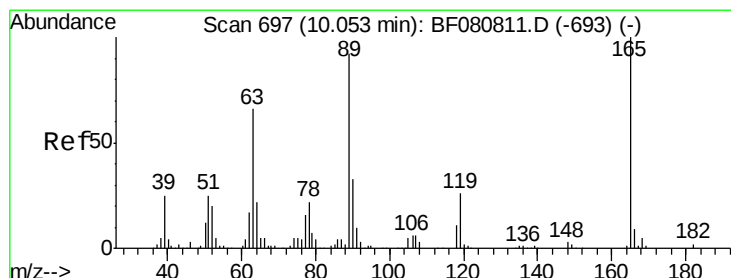
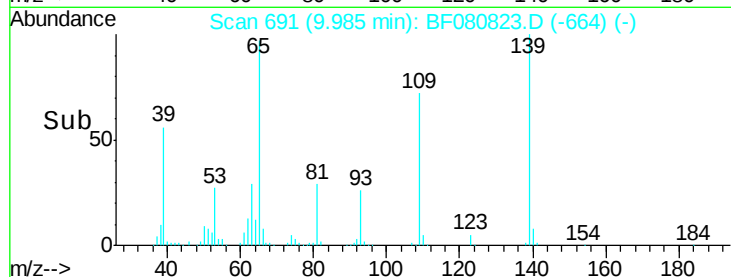
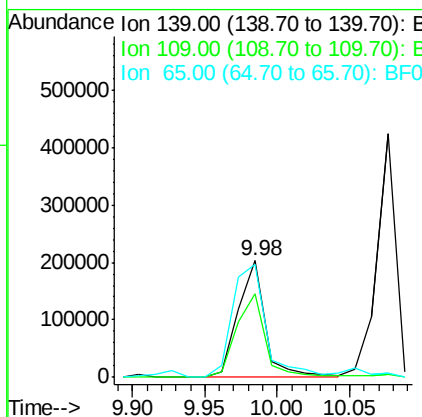
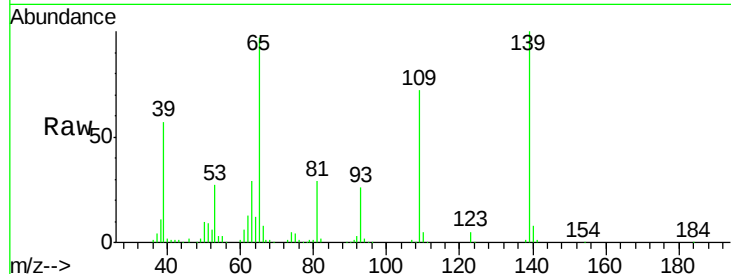




#55
4-Nitrophenol
Concen: 82.86 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

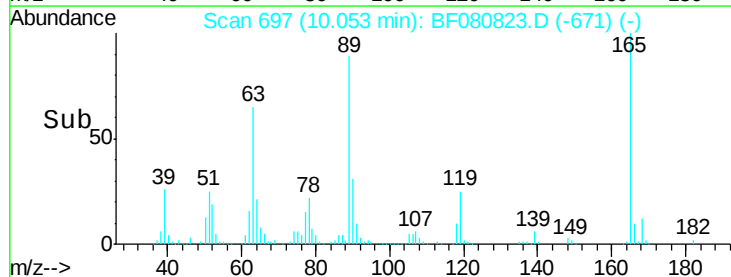
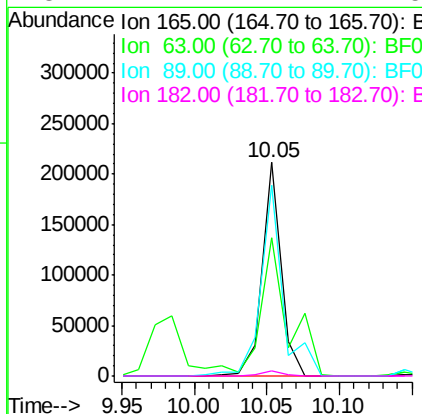
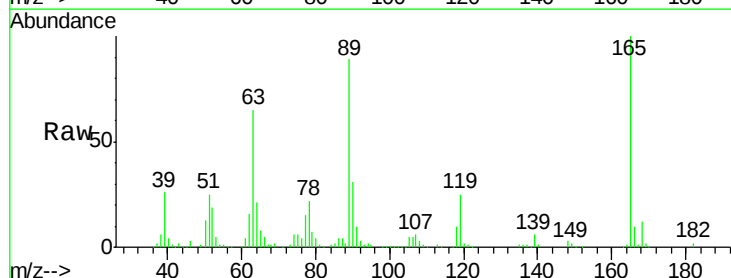
Instrument :
BNA_F
ClientSampleId :
PB84720BS

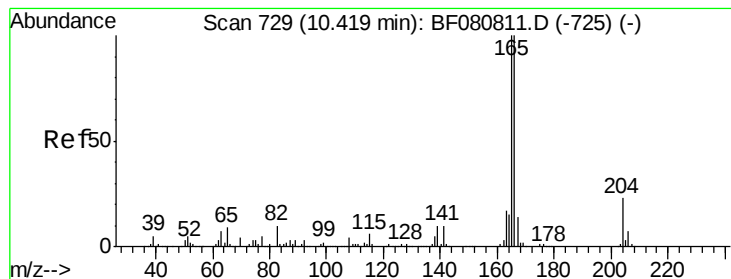
Tot Ion:139 Resp: 267796
Ion Ratio Lower Upper
139 100
109 72.0 55.1 95.1
65 97.4 113.9 153.9#



#56
2,4-Dinitrotoluene
Concen: 39.16 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion:165 Resp: 192898
Ion Ratio Lower Upper
165 100
63 64.8 53.3 79.9
89 89.1 73.5 110.3
182 2.1 1.7 2.5





#57

Fluorene

Concen: 43.45 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

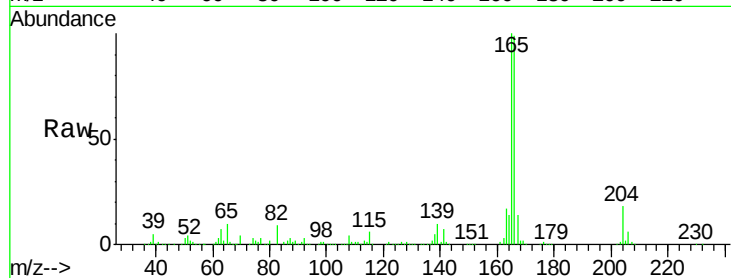
Tot Ion:166 Resp: 713252

Ion Ratio Lower Upper

166 100

165 100.7 79.9 119.9

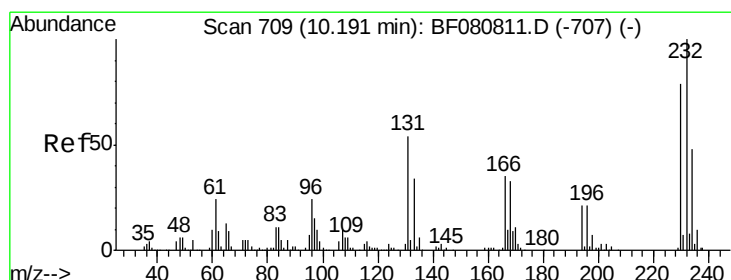
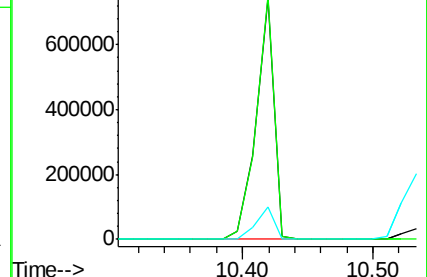
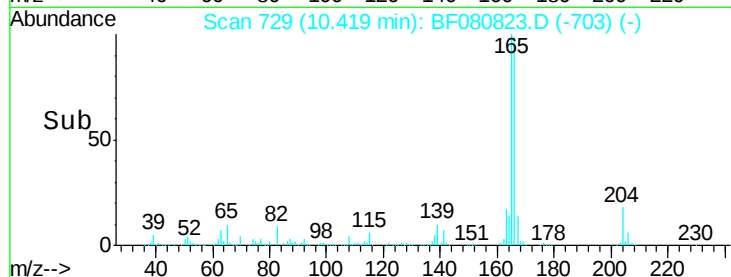
167 13.6 10.8 16.2



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: 46.57 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion:232 Resp: 200090

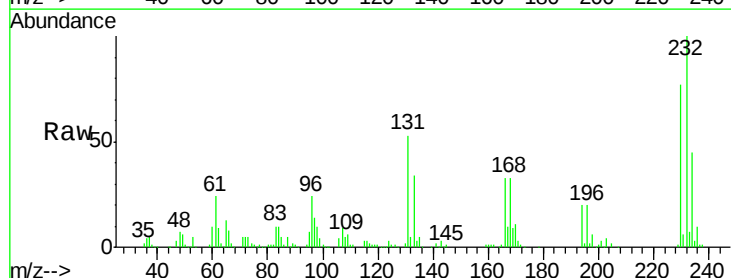
Ion Ratio Lower Upper

232 100

131 48.1 41.9 62.9

130 2.0 2.0 3.0

166 29.3 26.4 39.6

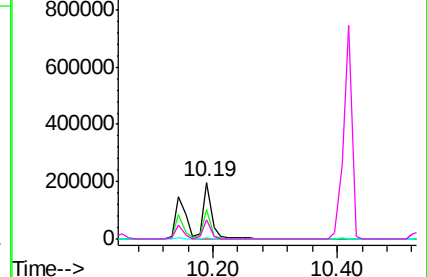
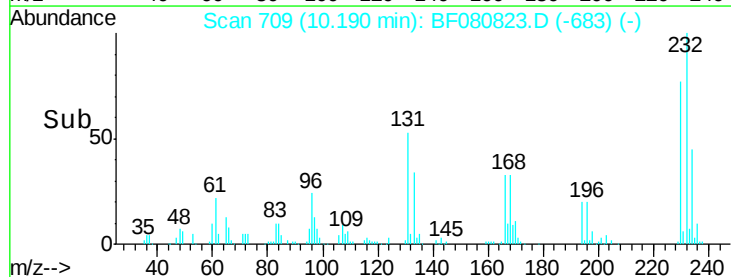


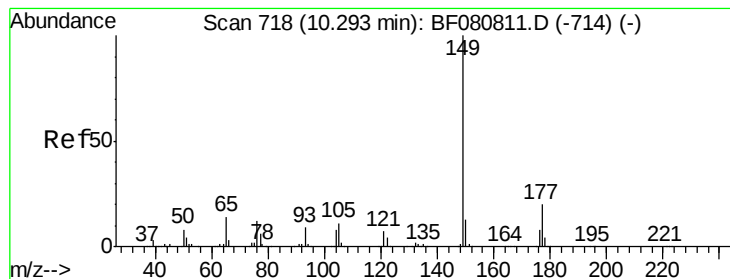
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.01 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

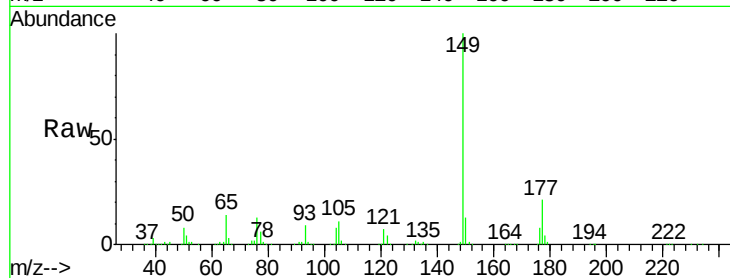
Tot Ion:149 Resp: 673997

Ion Ratio Lower Upper

149 100

177 20.5 16.2 24.2

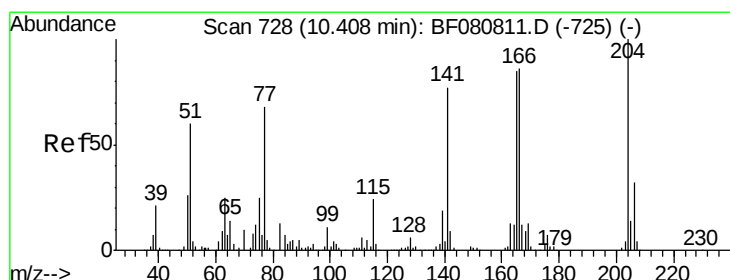
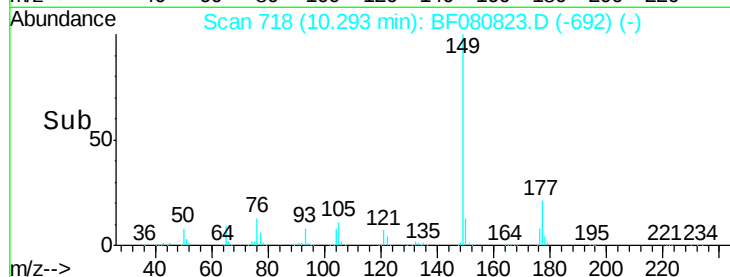
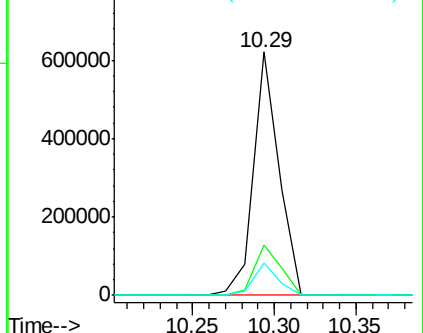
150 13.1 10.6 15.8



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: 37.78 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

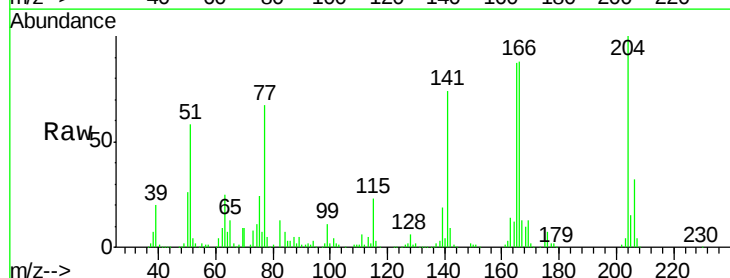
Tgt Ion:204 Resp: 304126

Ion Ratio Lower Upper

204 100

206 32.1 25.6 38.4

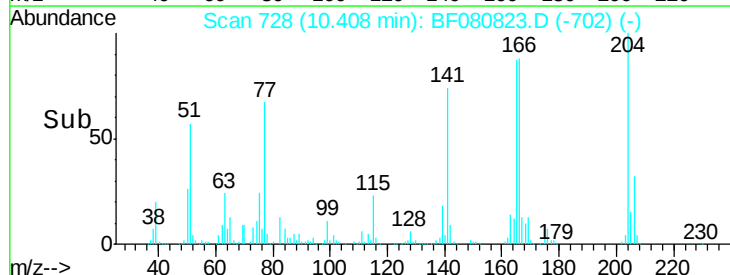
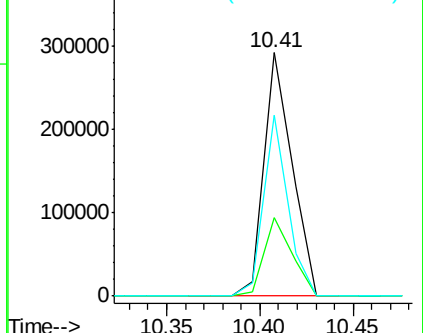
141 74.5 61.2 91.8

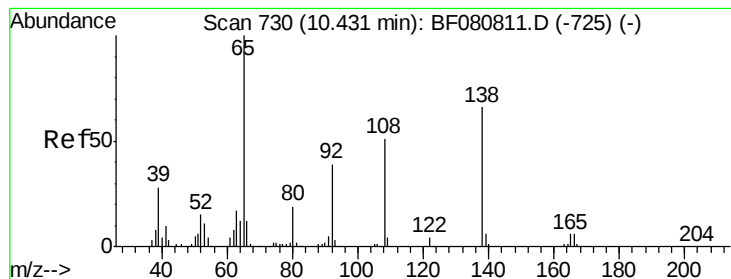


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.86 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

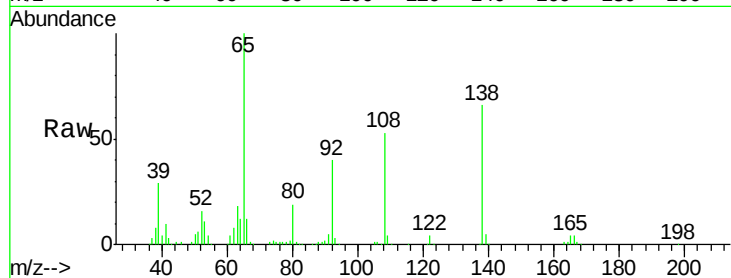
Tot Ion:138 Resp: 150073

Ion Ratio Lower Upper

138 100

92 61.1 38.7 78.7

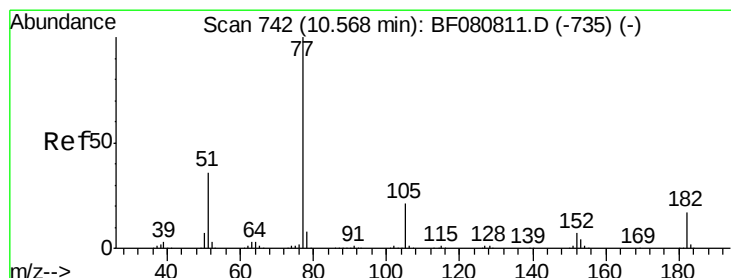
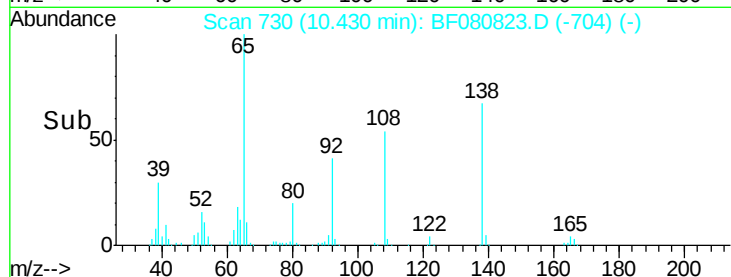
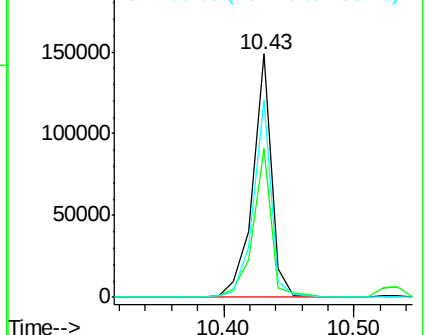
108 80.9 56.8 96.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.10 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion: 77 Resp: 822624

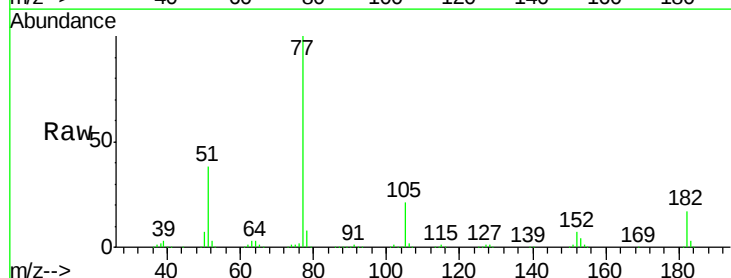
Ion Ratio Lower Upper

77 100

182 17.5 0.0 37.4

105 20.7 0.9 40.9

51 37.5 15.9 55.9

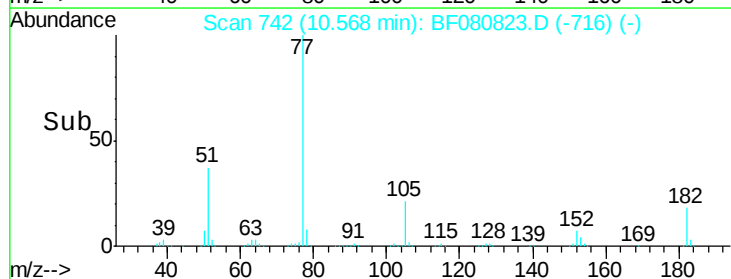
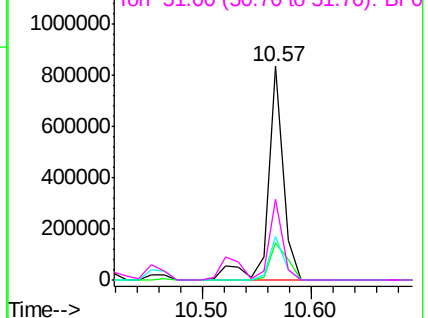


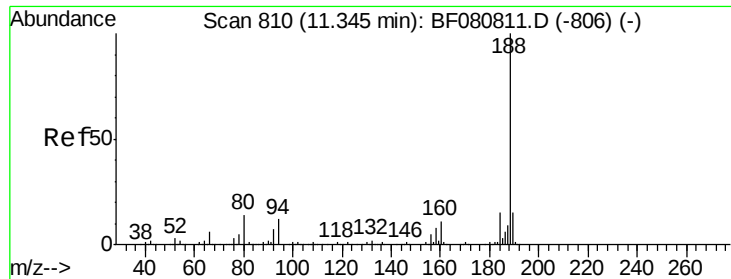
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

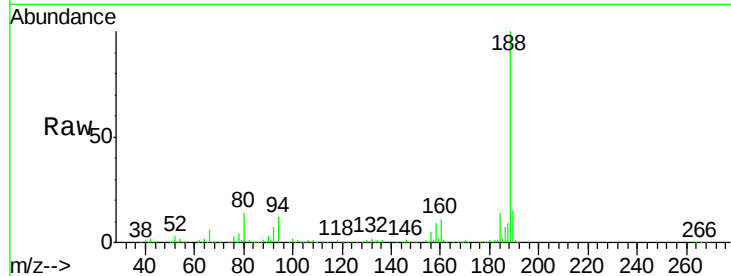




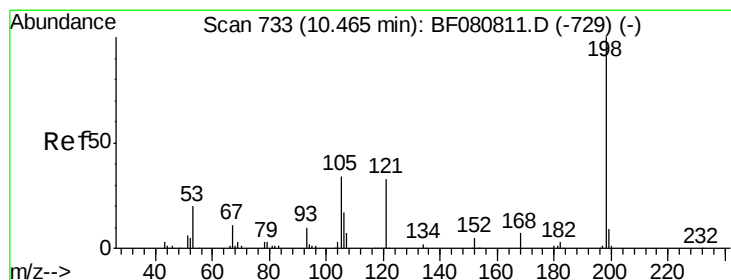
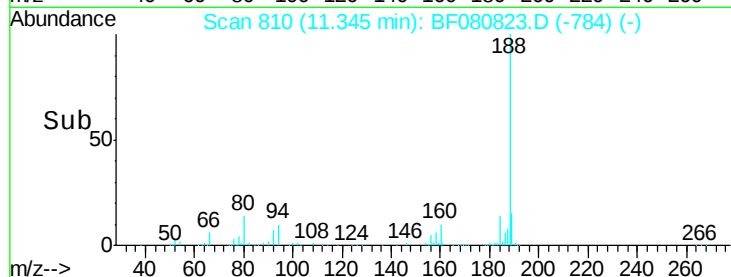
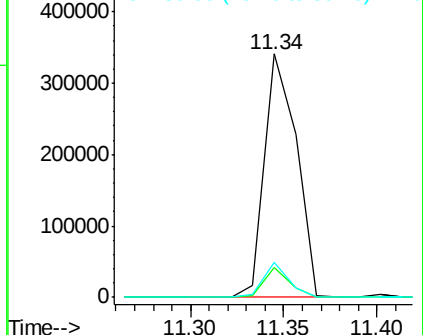
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Tot Ion:188 Resp: 405611
Ion Ratio Lower Upper
188 100
94 12.5 9.7 14.5
80 14.4 11.2 16.8

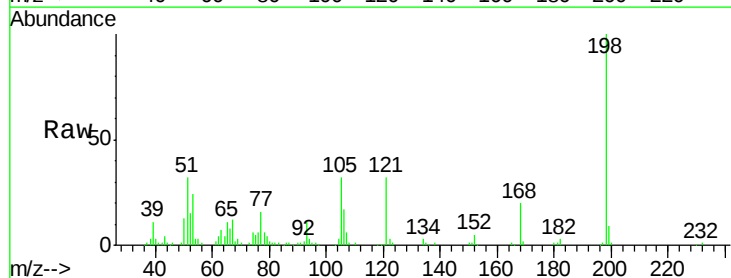


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

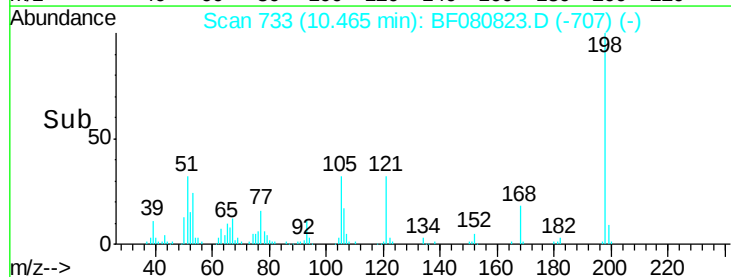
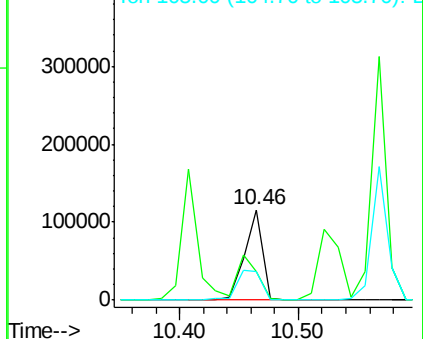


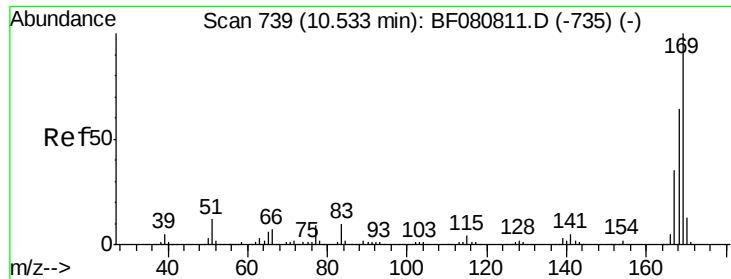
#64
4,6-Dinitro-2-methylphenol
Concen: 48.59 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion:198 Resp: 121496
Ion Ratio Lower Upper
198 100
51 32.4 13.9 53.9
105 32.0 14.1 54.1



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

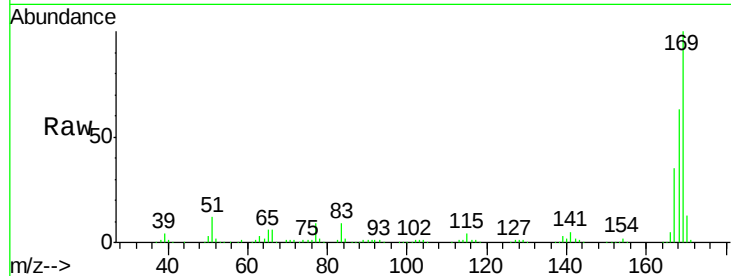




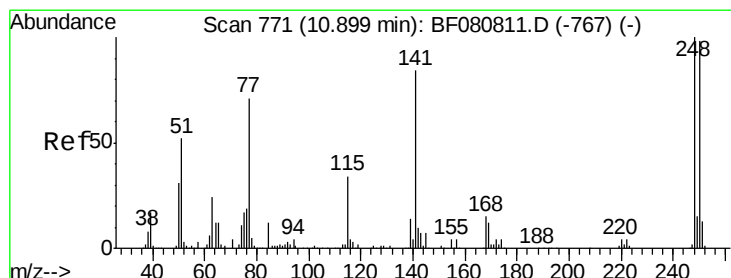
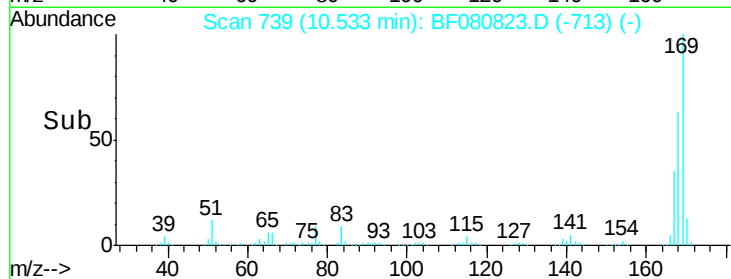
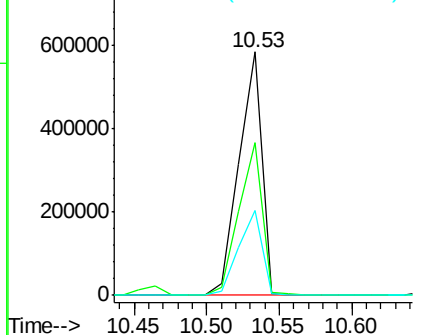
#65
 n-Nitrosodiphenylamine
 Concen: 45.25 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tot Ion:169 Resp: 642478
 Ion Ratio Lower Upper
 169 100
 168 62.8 50.9 76.3
 167 34.9 27.7 41.5

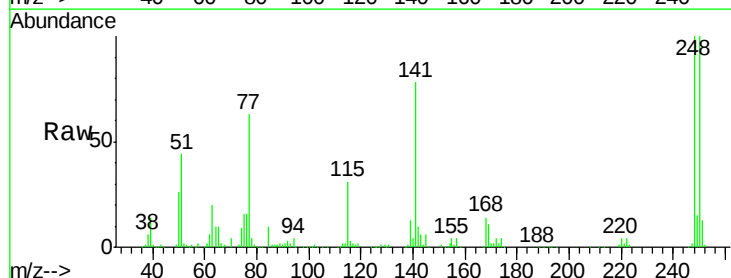


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

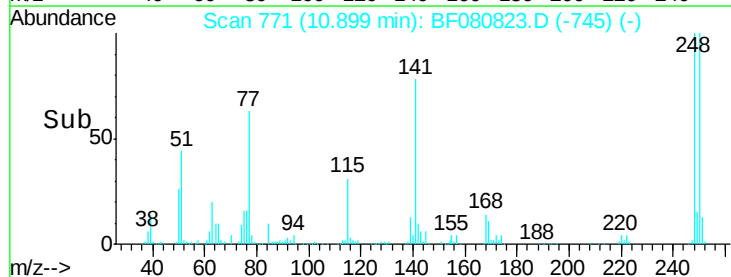
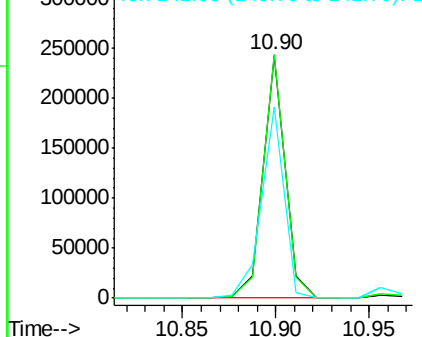


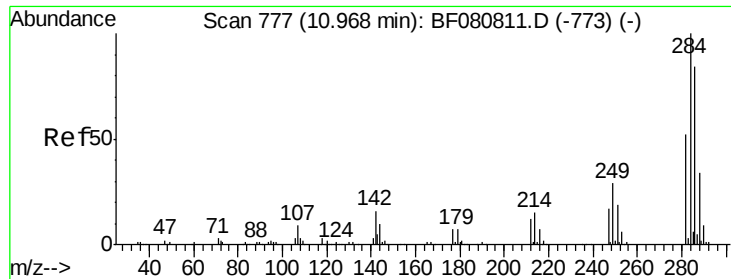
#66
 4-Bromophenyl-phenylether
 Concen: 44.46 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion:248 Resp: 198164
 Ion Ratio Lower Upper
 248 100
 250 100.4 78.4 117.6
 141 78.7 67.3 100.9



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

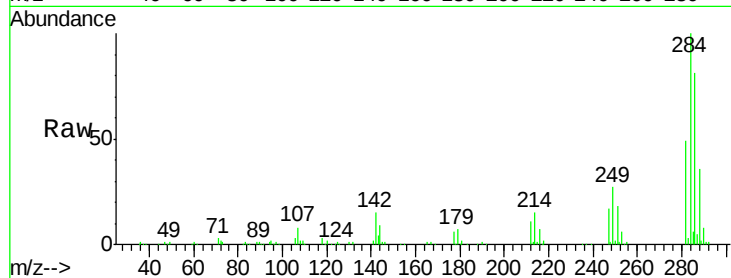




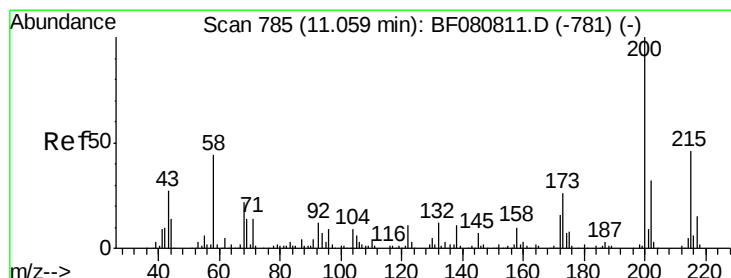
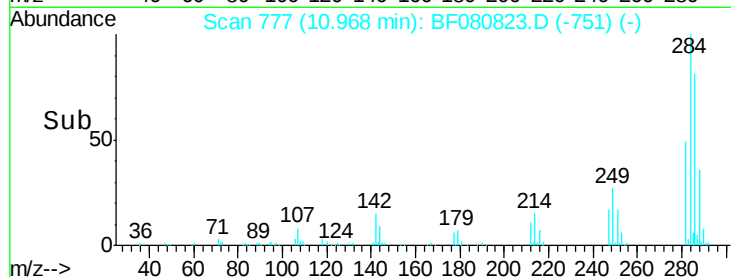
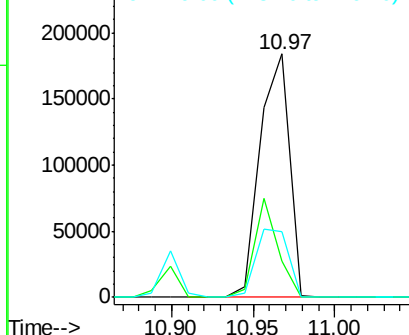
#67
Hexachlorobenzene
Concen: 45.89 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Tot Ion:284 Resp: 231536
Ion Ratio Lower Upper
284 100
142 15.0 13.0 19.4
249 26.9 22.9 34.3

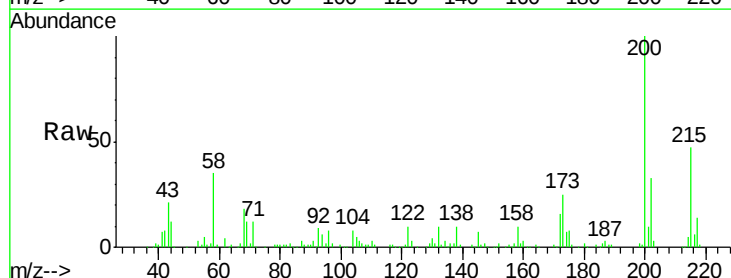


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

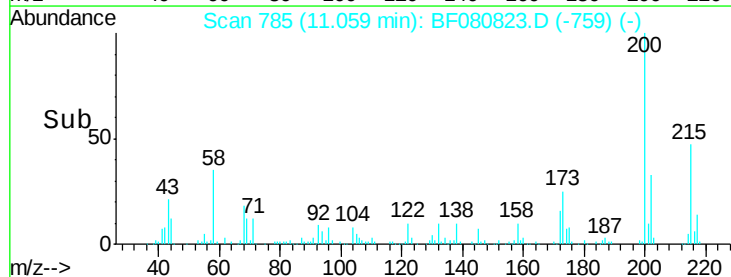
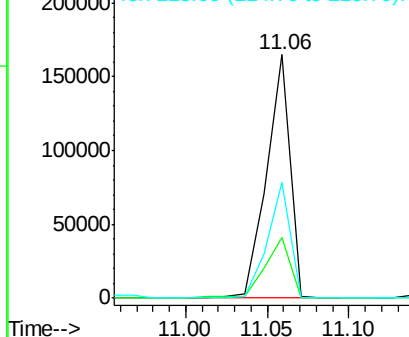


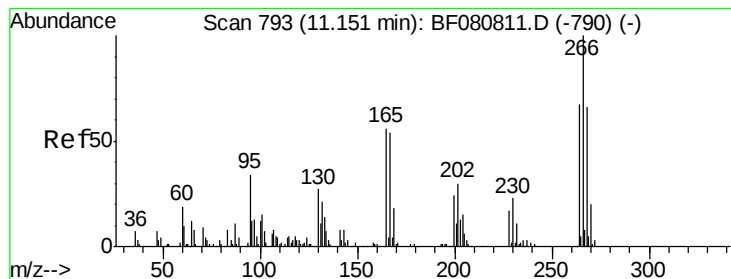
#68
Atrazine
Concen: 50.85 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion:200 Resp: 164627
Ion Ratio Lower Upper
200 100
173 25.1 6.0 46.0
215 47.3 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: 91.13 ng

RT: 11.15 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

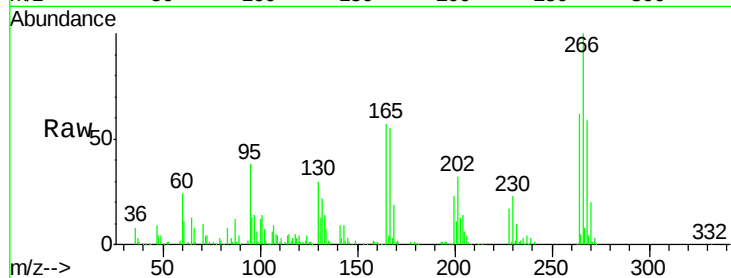
Tot Ion:266 Resp: 245420

Ion Ratio Lower Upper

266 100

268 59.3 52.7 79.1

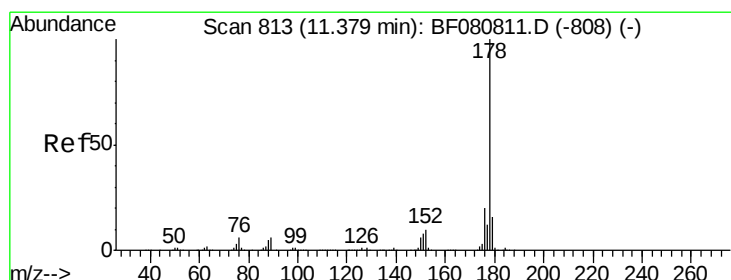
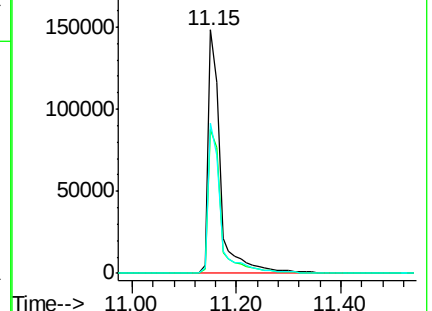
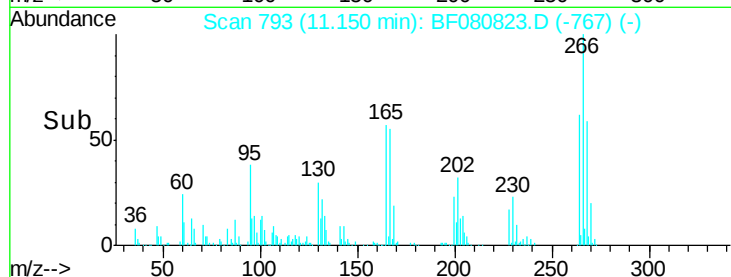
264 61.9 53.4 80.0



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: 44.16 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

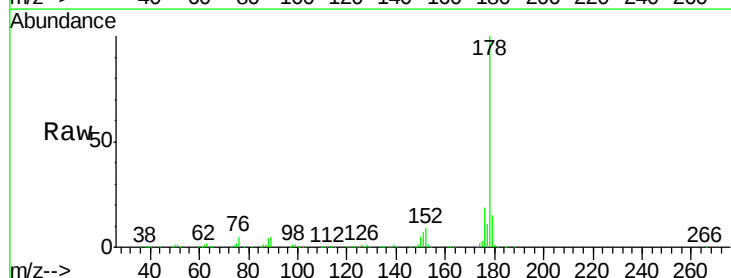
Tgt Ion:178 Resp: 931635

Ion Ratio Lower Upper

178 100

176 19.4 16.3 24.5

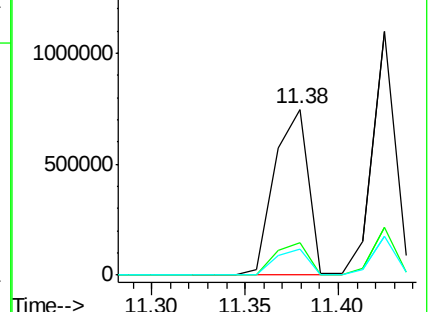
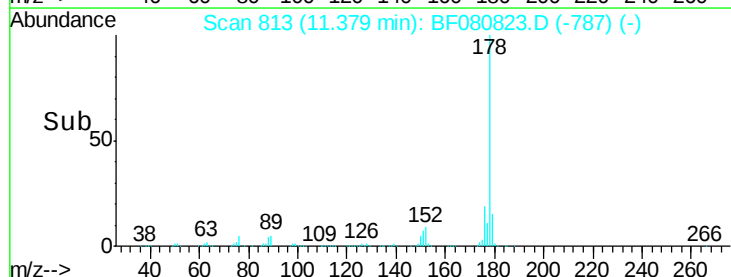
179 15.4 12.6 19.0

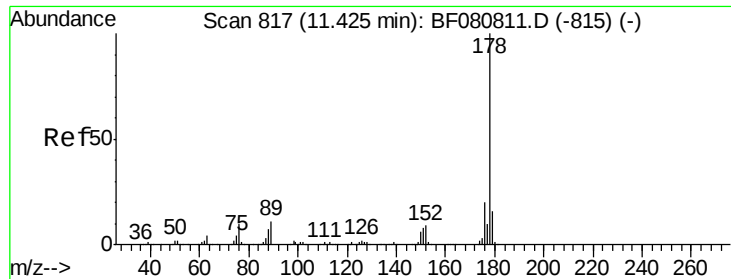


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

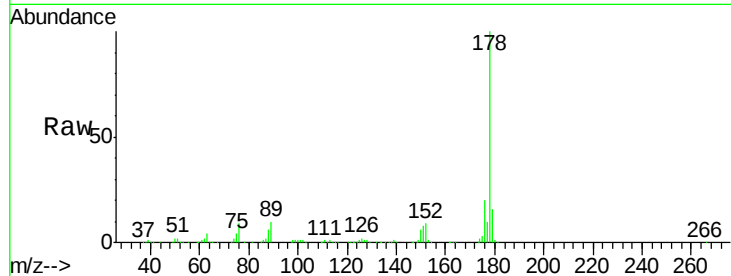




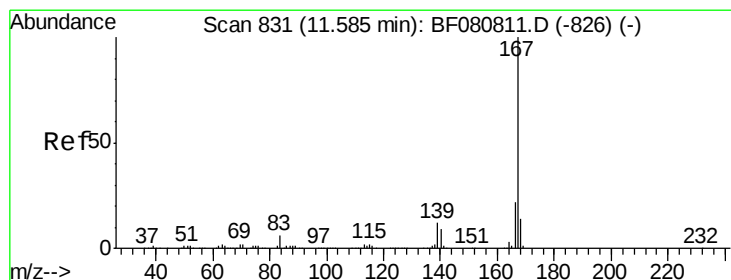
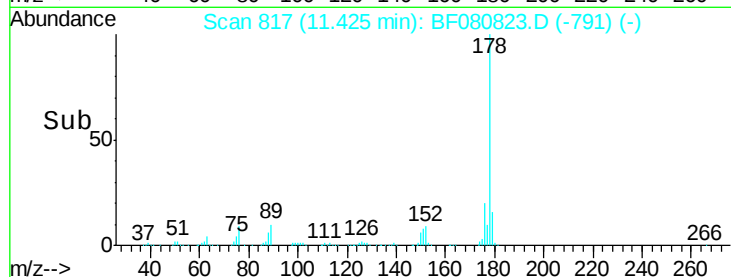
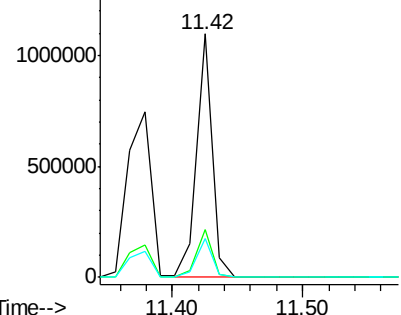
#71
 Anthracene
 Concen: 44.32 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampled :
 PB84720BS

Tot Ion:178 Resp: 922928
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.9 13.0 19.4

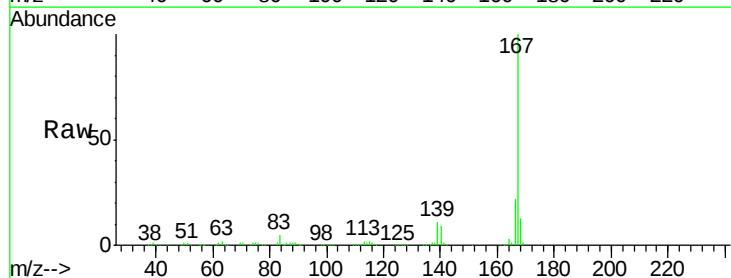


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

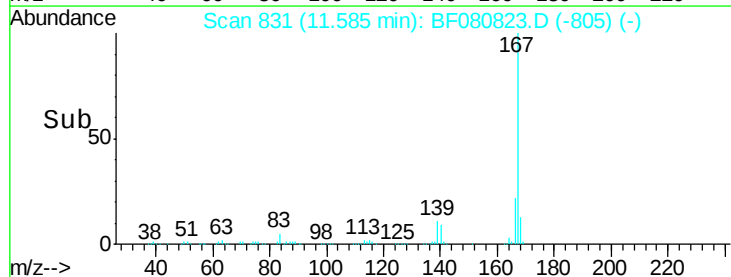
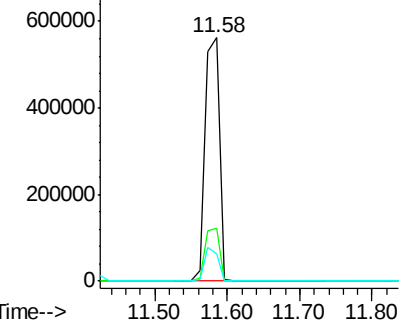


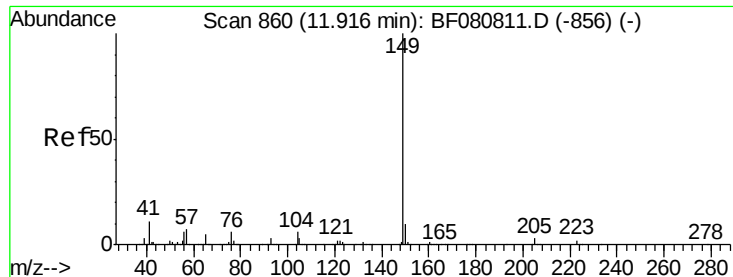
#72
 Carbazole
 Concen: 43.12 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion:167 Resp: 777660
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.0 27.0
 139 11.4 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: 44.56 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

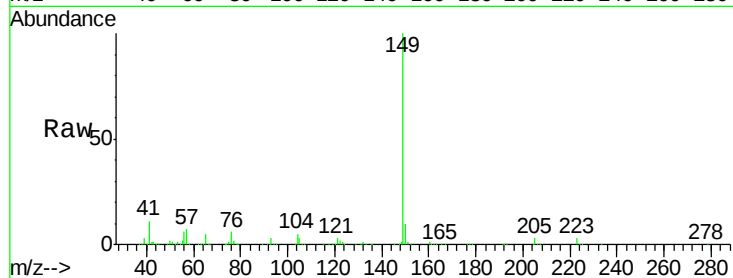
Tot Ion:149 Resp: 962121

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

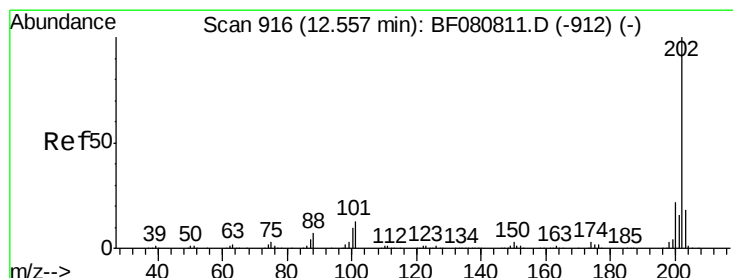
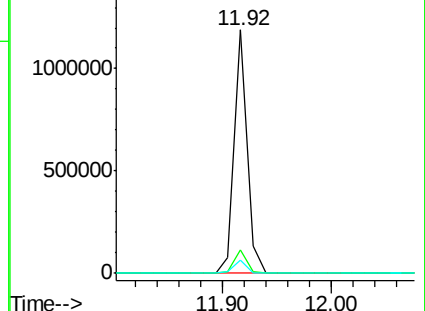
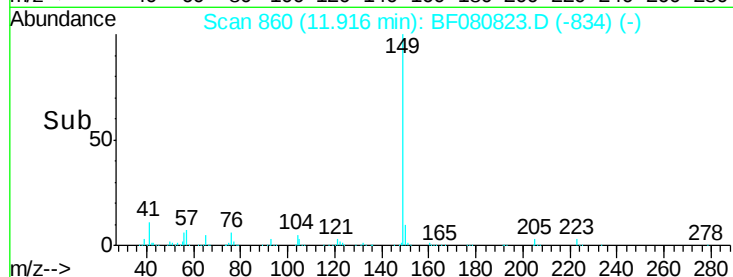
104 5.3 4.6 6.8



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: 43.78 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

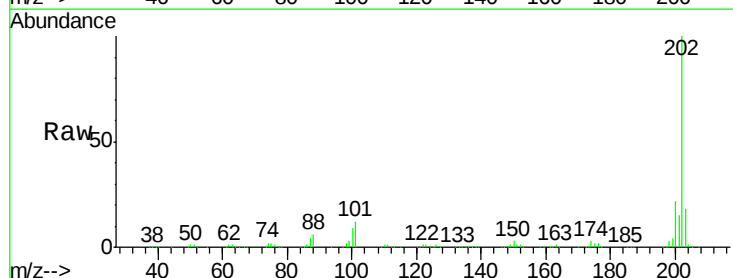
Tgt Ion:202 Resp: 884657

Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.0

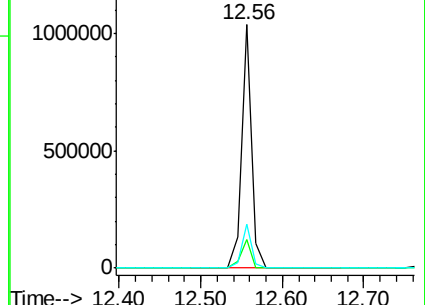
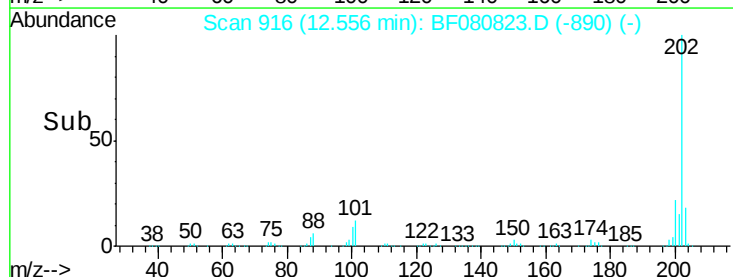
203 18.1 0.0 38.1

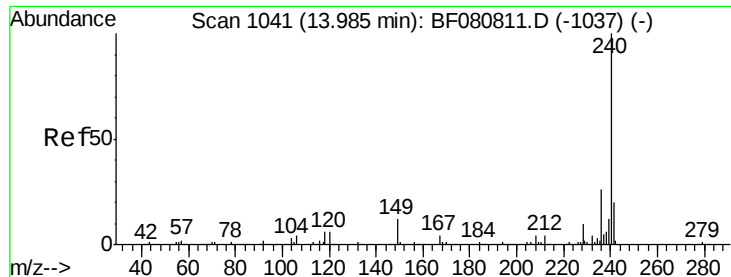


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

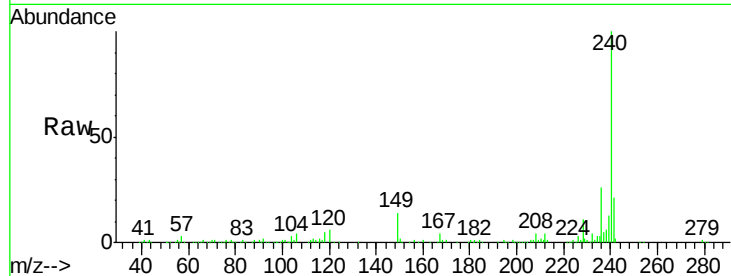
Tot Ion:240 Resp: 245533

Ion Ratio Lower Upper

240 100

120 5.5 5.0 7.4

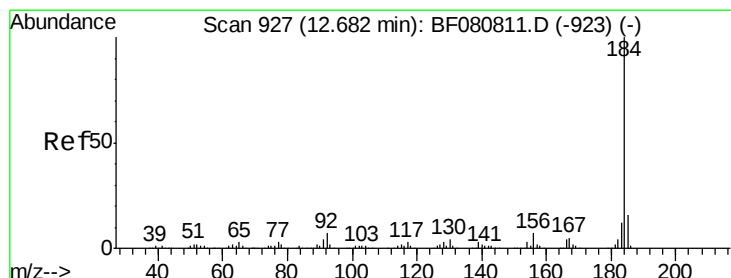
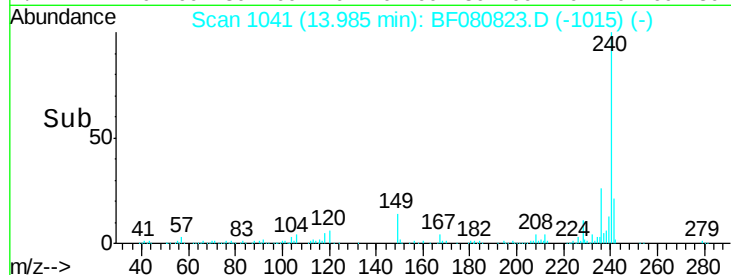
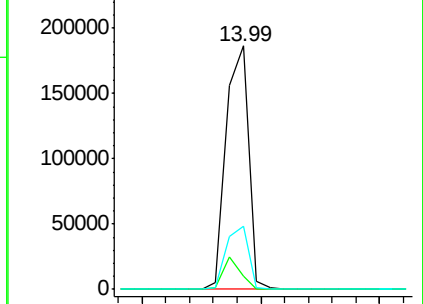
236 25.7 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: Below Cal

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

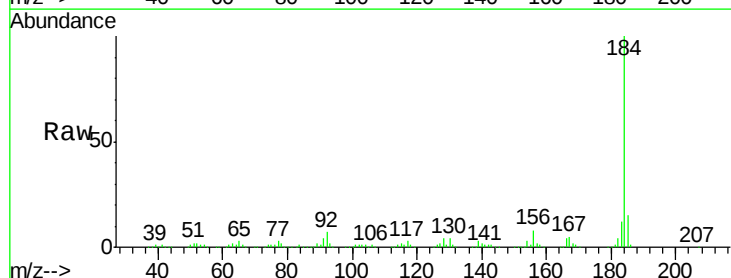
Tgt Ion:184 Resp: 428916

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

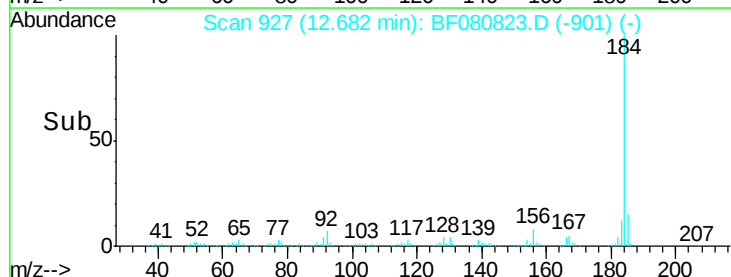
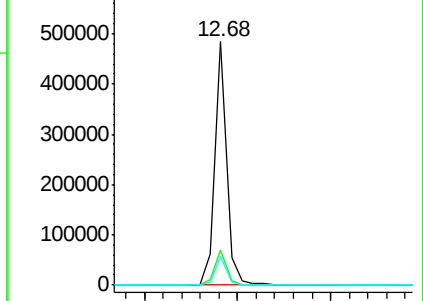
183 11.8 9.3 13.9

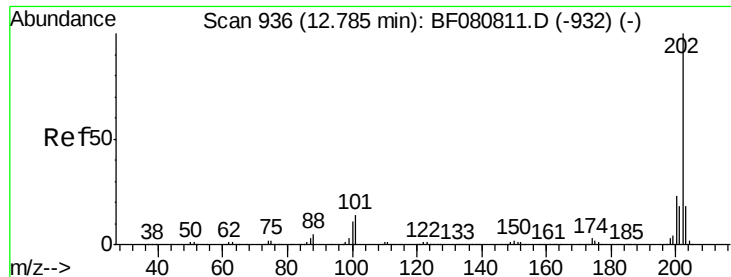


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

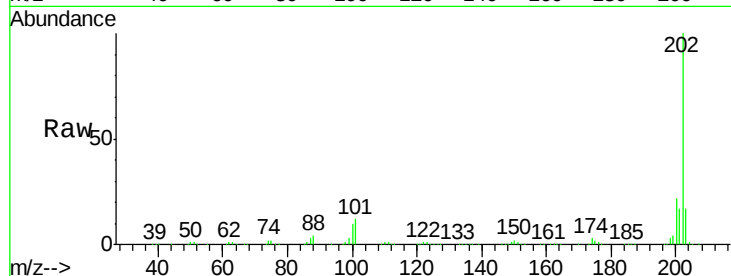




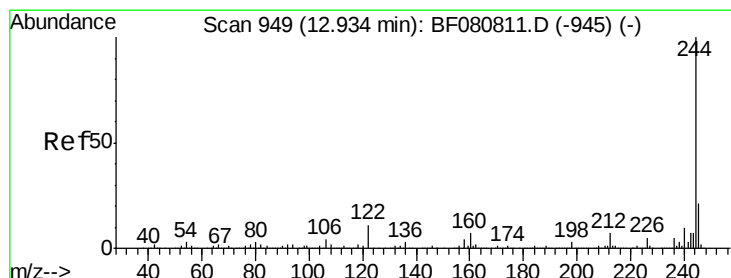
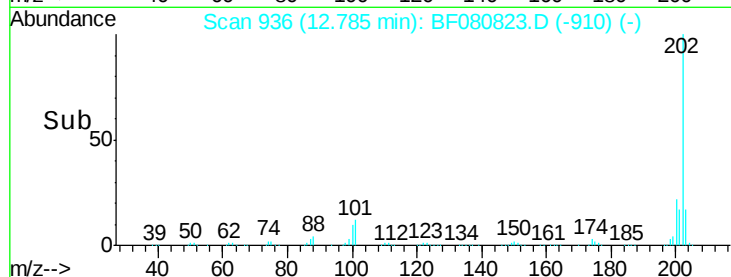
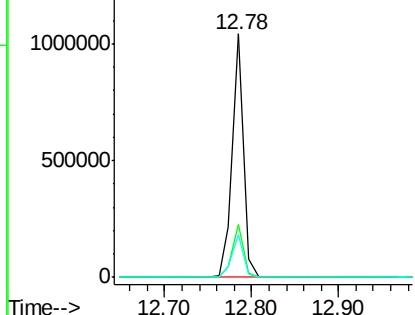
#77
Pvrene
Concen: 50.84 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Tot Ion:202 Resp: 925211
Ion Ratio Lower Upper
202 100
200 21.7 18.2 27.4
203 17.3 14.8 22.2

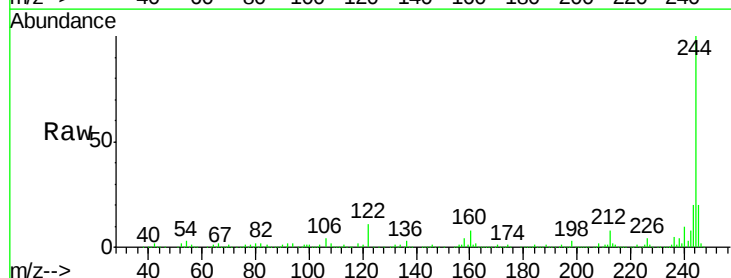


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

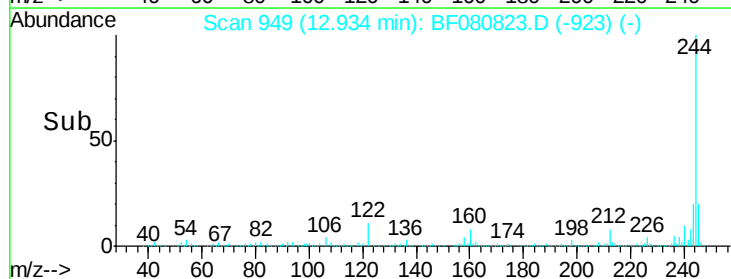
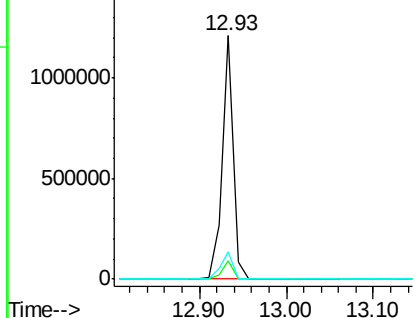


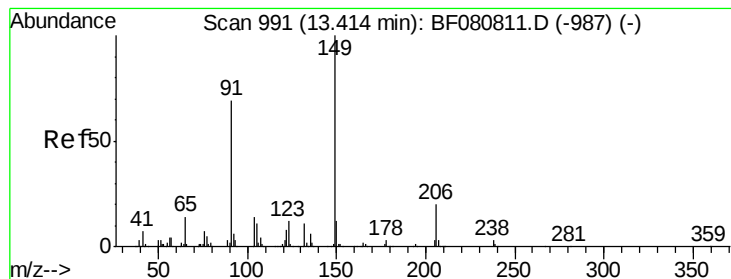
#78
Terphenyl-d14
Concen: 88.10 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion:244 Resp: 1085390
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 11.0 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: 50.06 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

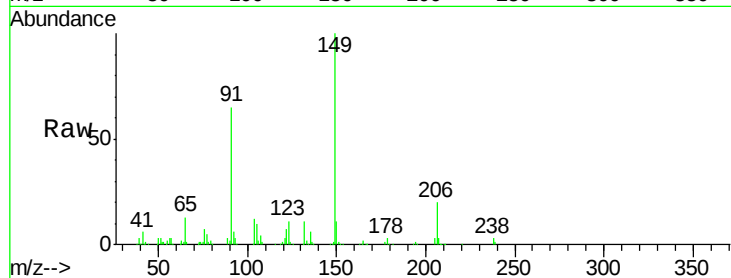
Tot Ion:149 Resp: 358825

Ion Ratio Lower Upper

149 100

91 64.5 55.4 83.2

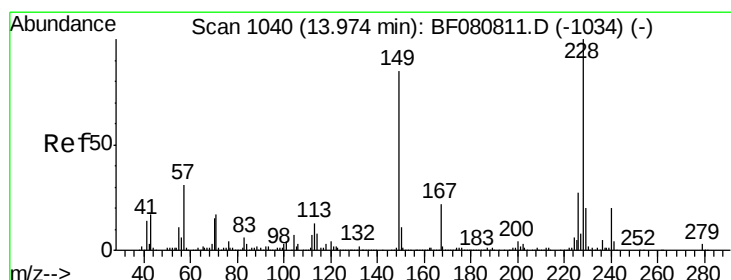
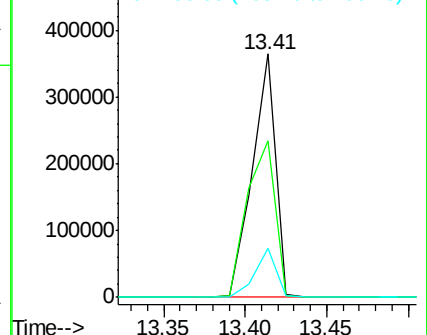
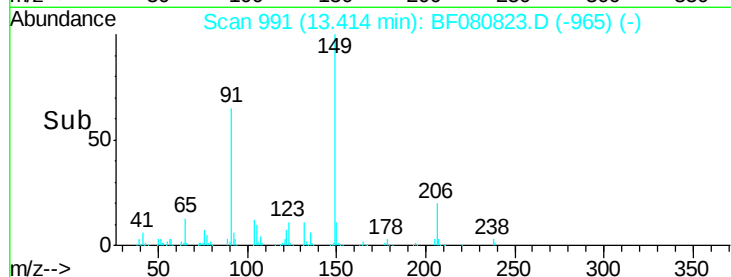
206 20.1 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 47.11 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

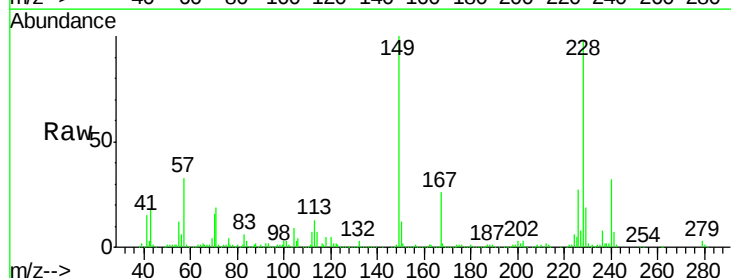
Tgt Ion:228 Resp: 660395

Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

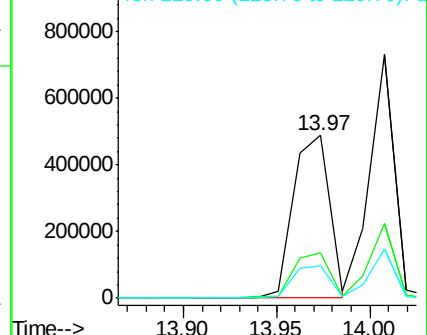
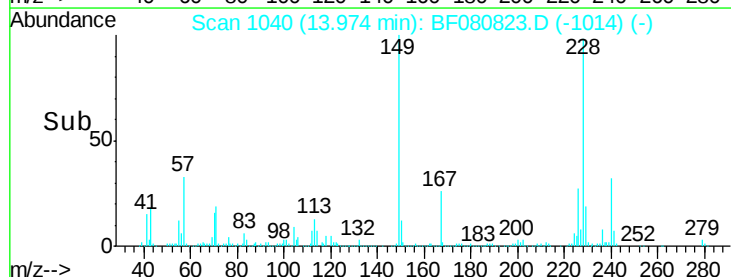
229 19.6 15.7 23.5

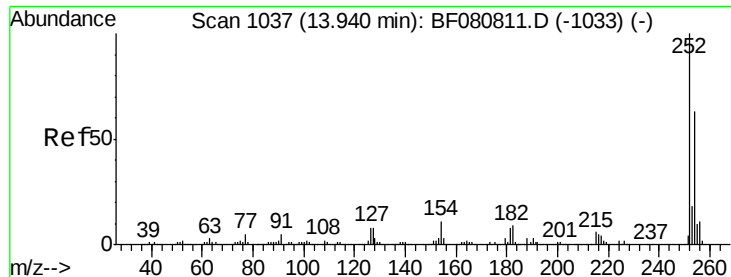


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

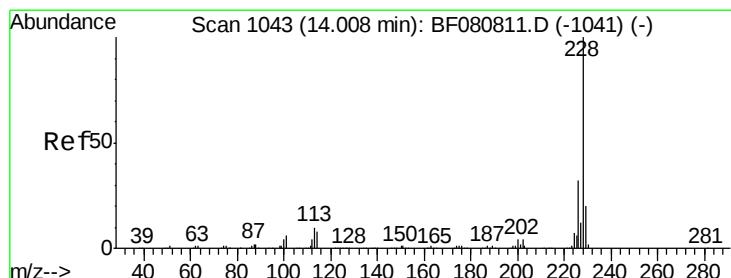
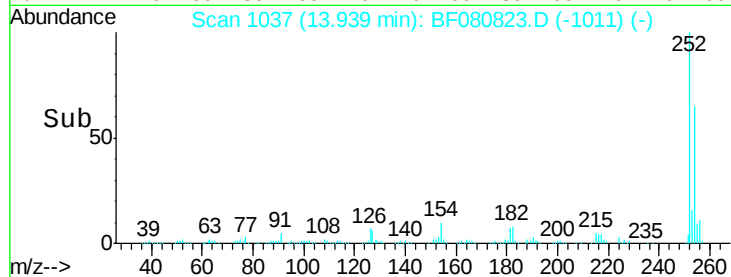
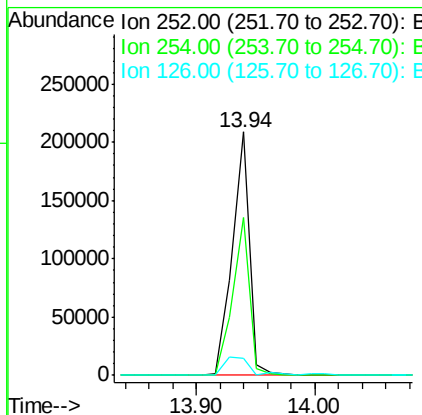
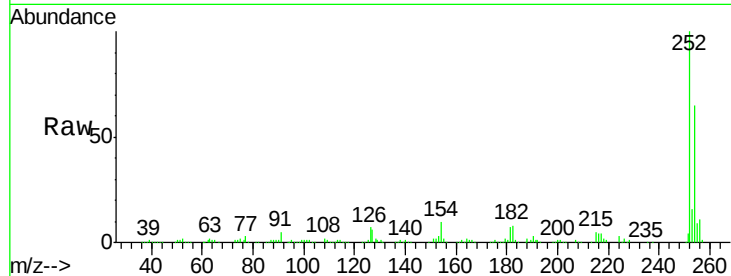




#81
 3,3'-Dichlorobenzidine
 Concen: 42.18 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

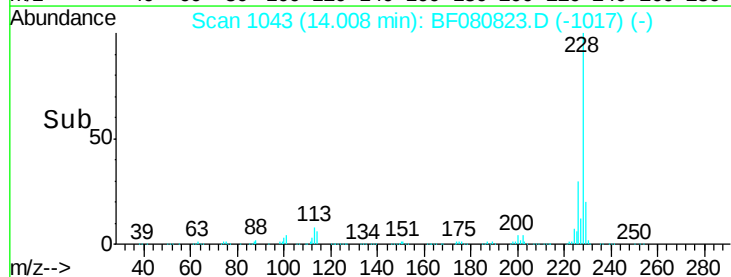
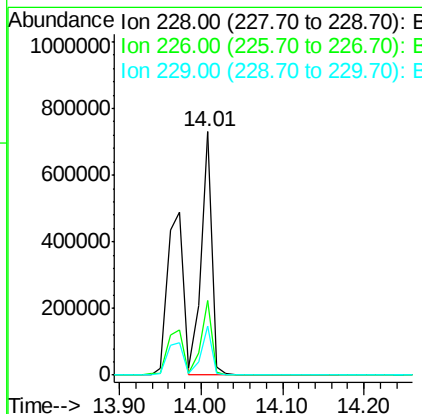
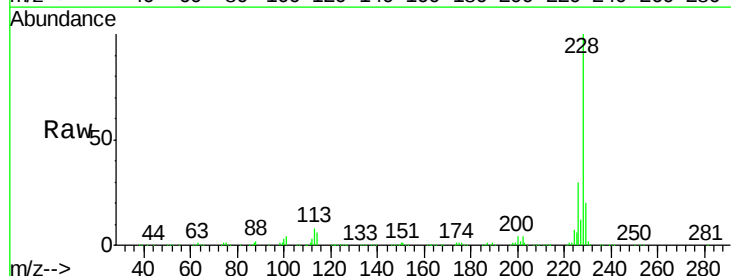
Instrument :
 BNA_F
 ClientSampled :
 PB84720BS

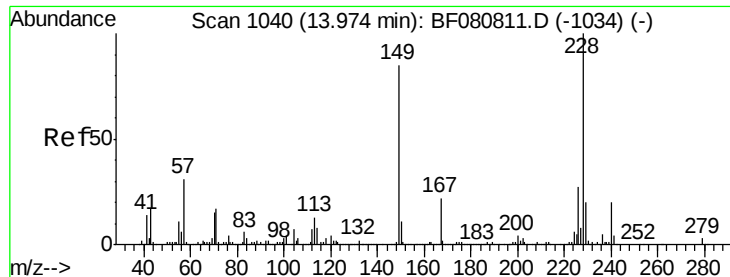
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.1	75.1
126	6.8	6.2	9.4



#82
 Chrysene
 Concen: 49.44 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	20.4	16.1	24.1

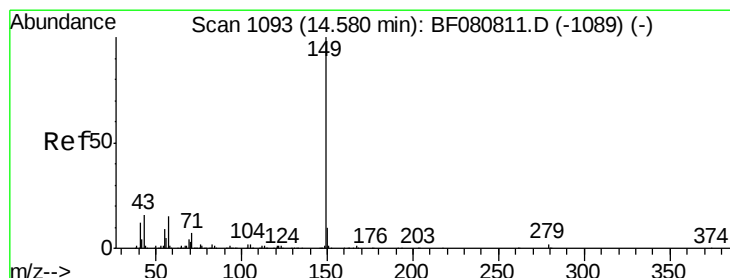
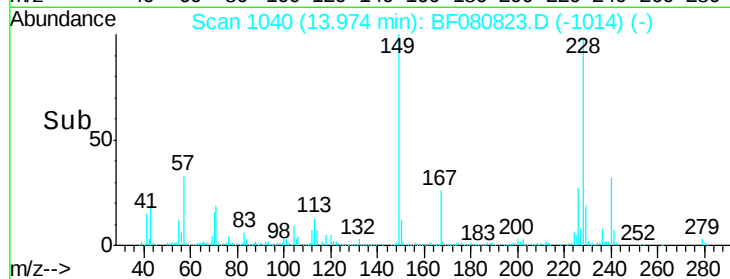
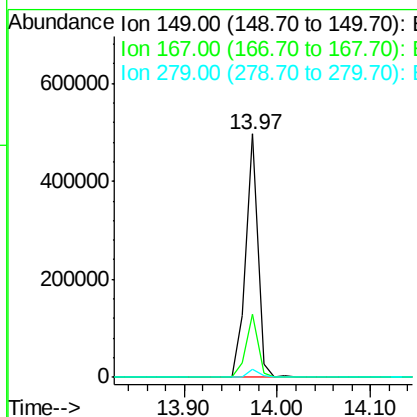
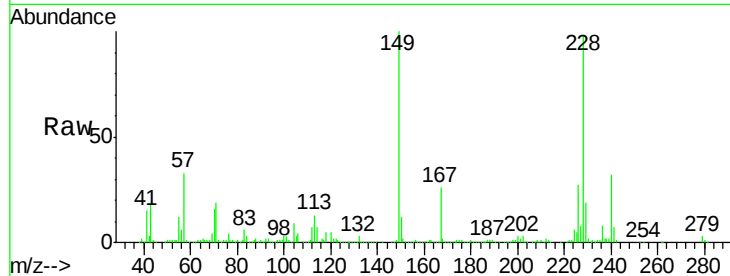




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.06 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

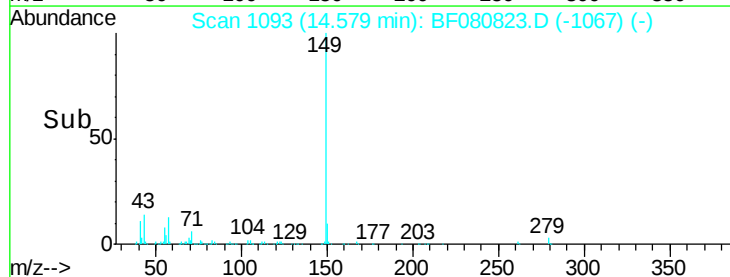
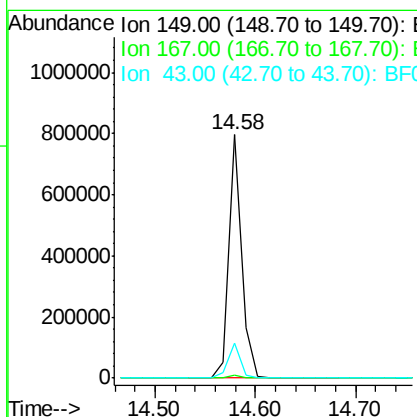
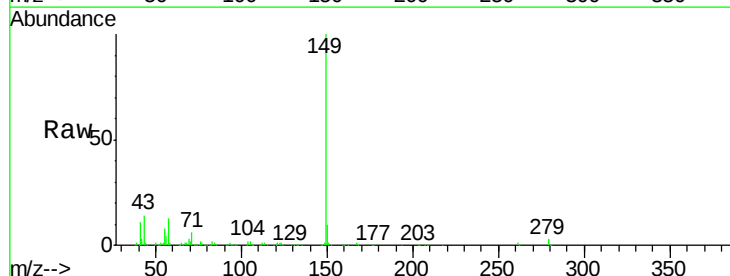
Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

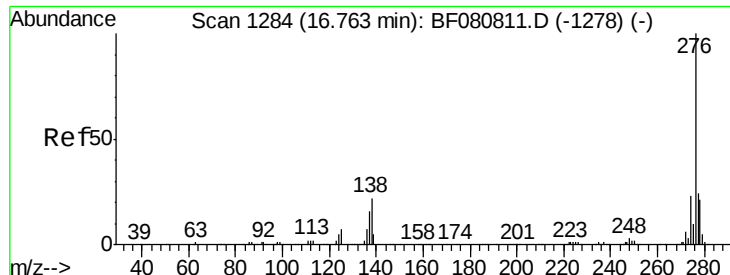
Tot Ion:149 Resp: 451729
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.4 30.6
 279 3.3 2.4 3.6



#84
 Di-n-octyl phthalate
 Concen: 50.29 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion:149 Resp: 703660
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 14.5 11.8 17.8

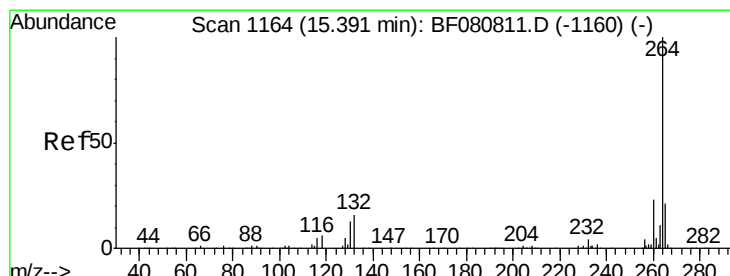
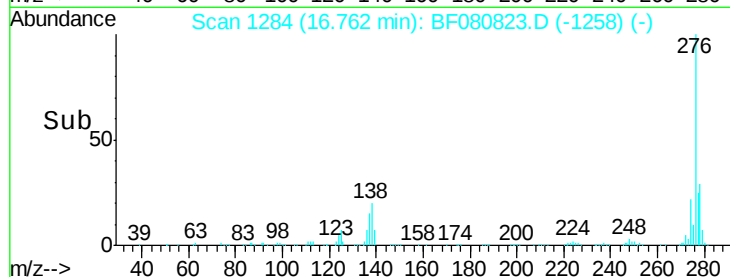
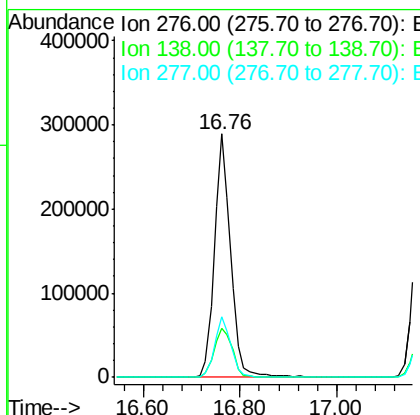
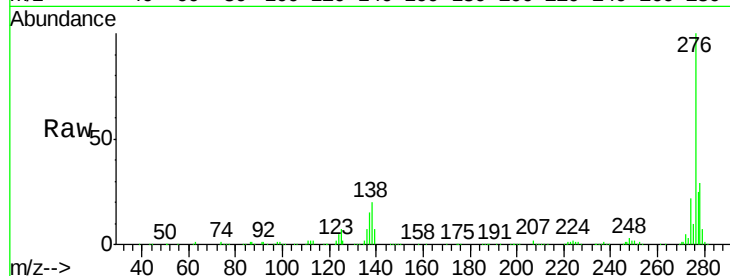




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.74 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

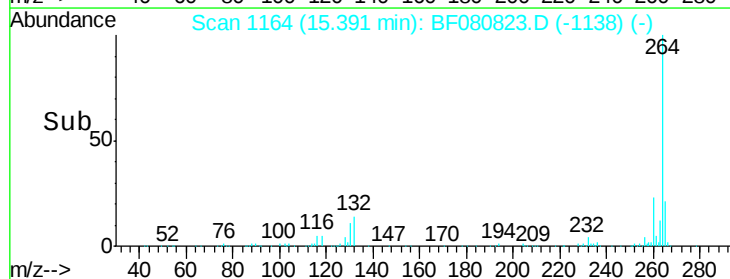
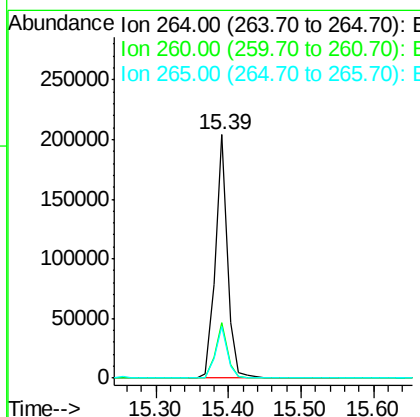
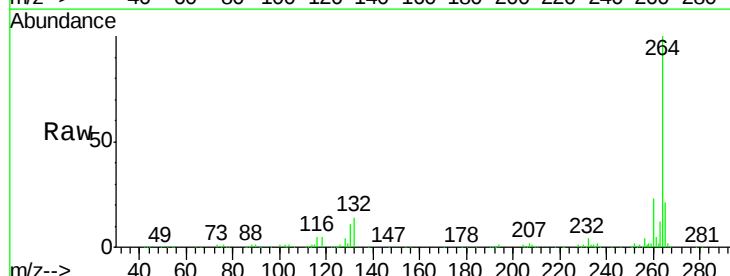
Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

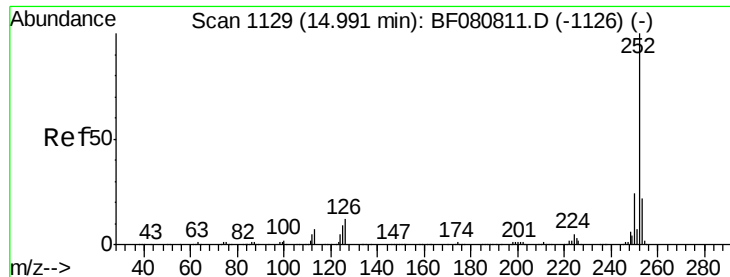
Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.6	27.8
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	21.3	17.0	25.6

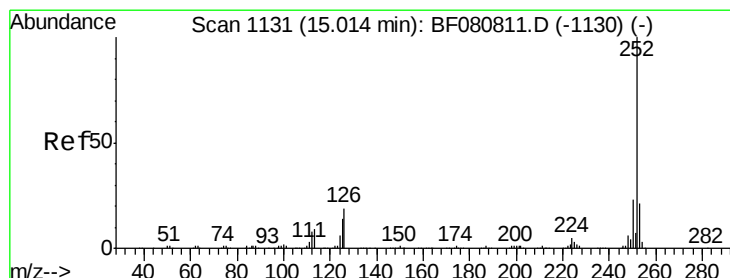
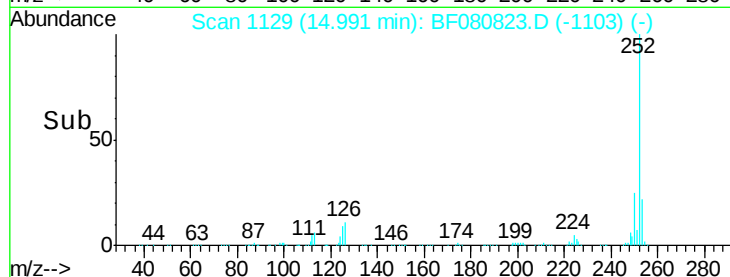
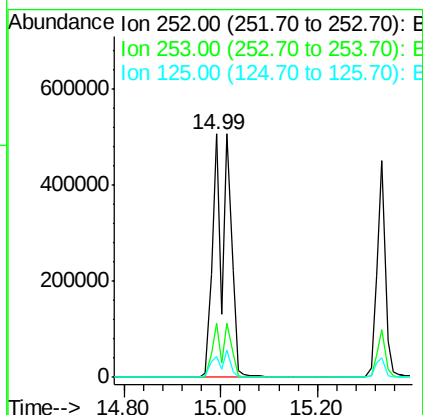
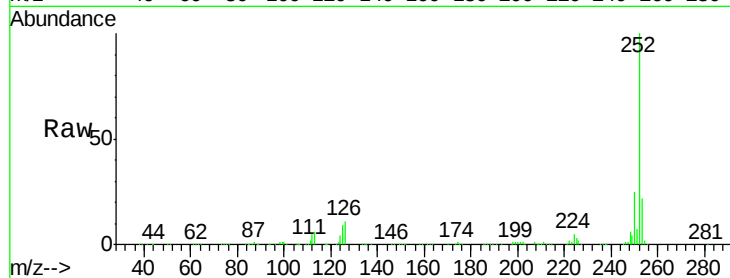




#87
Benzo(b)fluoranthene
Concen: 80.63 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

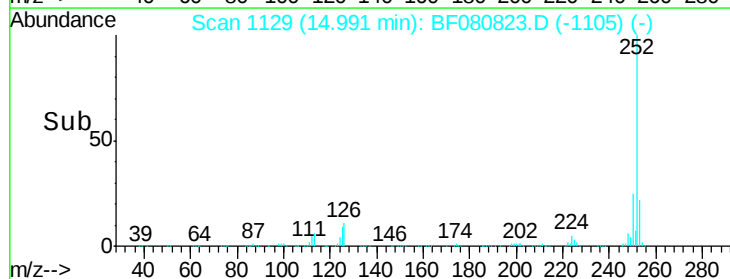
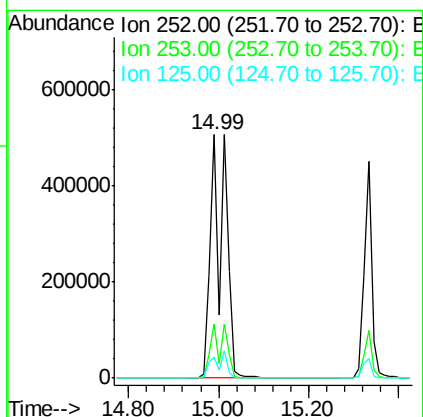
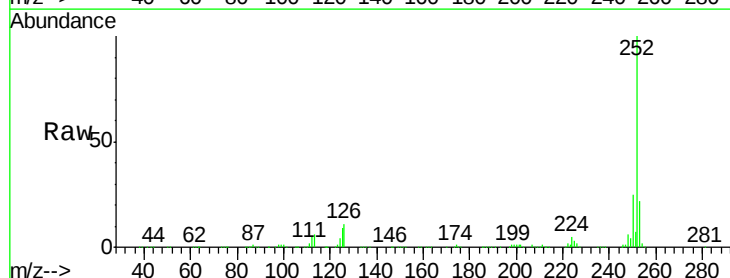
Instrument :
BNA_F
ClientSampleId :
PB84720BS

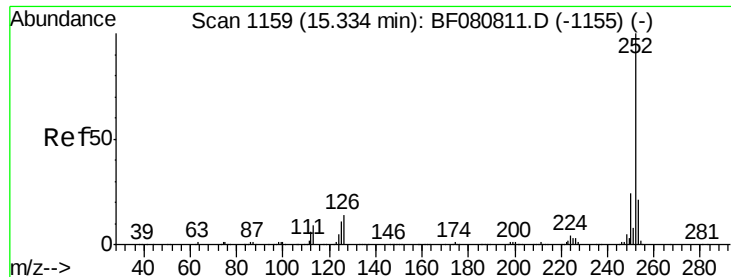
Tot Ion:252 Resp: 1119100
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.7 7.4 11.0



#88
Benzo(k)fluoranthene
Concen: 92.57 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion:252 Resp: 1119618
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 8.7 9.9 14.9#

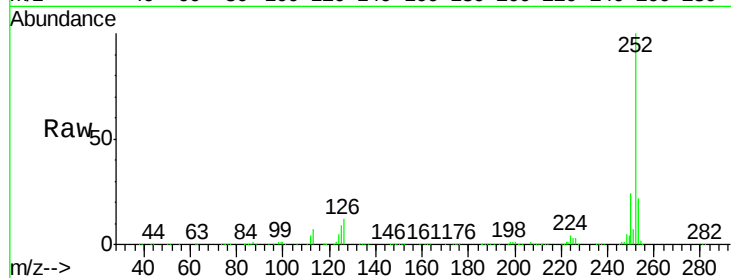




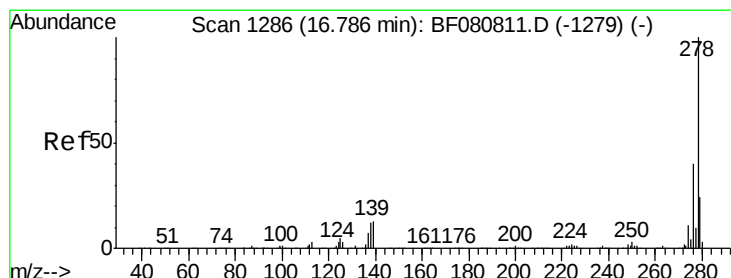
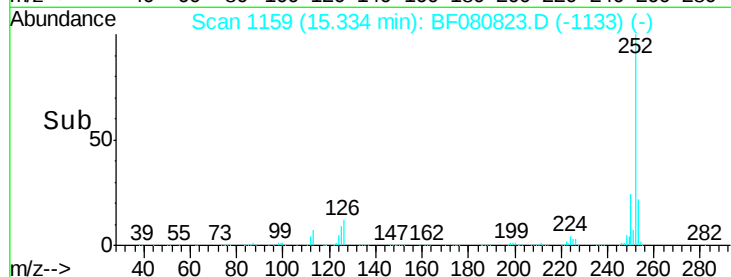
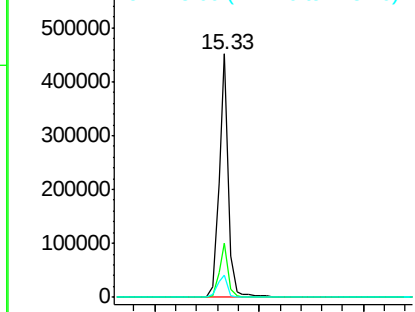
#89
Benzo(a)pyrene
Concen: 45.70 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Tot Ion:252 Resp: 540889
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.1 8.9 13.3

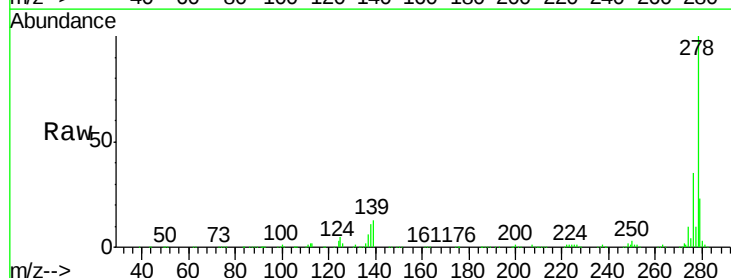


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

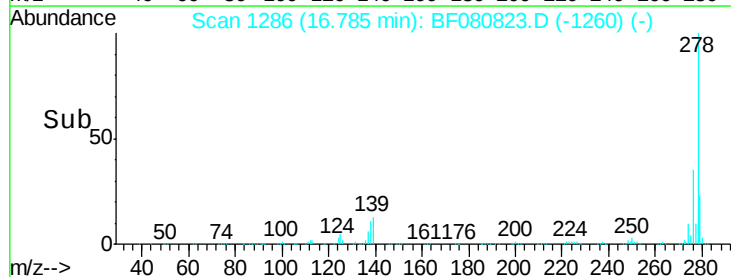
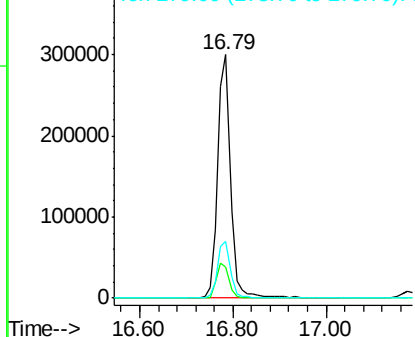


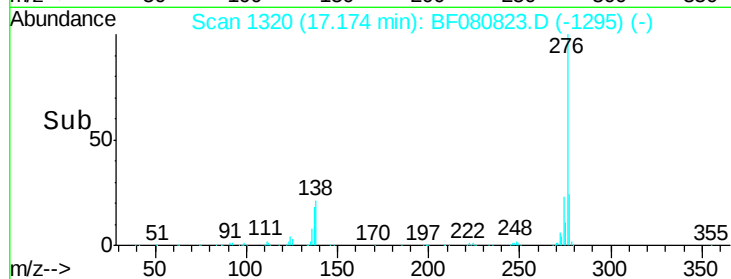
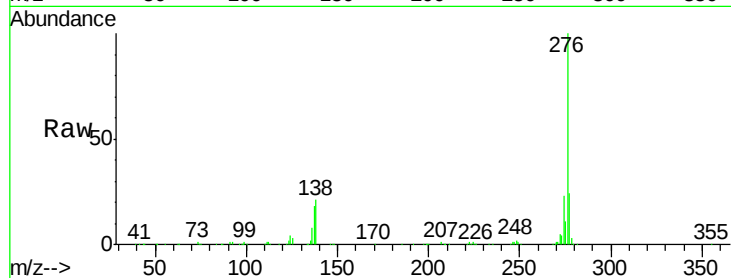
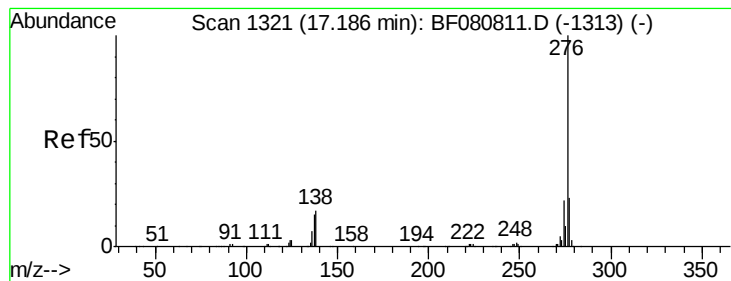
#90
Dibenzo(a,h)anthracene
Concen: 49.66 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion:278 Resp: 569380
Ion Ratio Lower Upper
278 100
139 12.8 10.7 16.1
279 23.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 50.19 ng

RT: 17.17 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

Tot Ion:276 Resp: 600064

Ion Ratio Lower Upper

276 100

277 23.6 18.6 27.8

138 20.9 13.3 19.9#

