

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080115\
 Data File : BF080802.D
 Acq On : 2 Aug 2015 2:13
 Operator : TP/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 03 03:52:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	208989	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	755618	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	311193	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	489209	20.00	ng	0.00
75) Chrysene-d12	14.01	240	563549	20.00	ng	0.01
86) Perylene-d12	15.43	264	617531	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	995694	81.73	ng	0.01
7) Phenol-d6	6.49	99	1344227	81.05	ng	0.00
23) Nitrobenzene-d5	7.42	82	1171204	75.06	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	231440	71.67	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1658193	79.50	ng	0.00
78) Terphenyl-d14	12.96	244	1480281	49.68	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	267342	44.50	ng	93
3) Pyridine	3.22	79	758287	45.49	ng	98
4) n-Nitrosodimethylamine	3.17	42	382422	40.13	ng	86
6) Aniline	6.52	93	907170	38.00	ng	98
8) 2-Chlorophenol	6.65	128	539455	39.50	ng	# 79
9) Benzaldehyde	6.41	77	438359	43.59	ng	98
10) Phenol	6.51	94	757235	39.45	ng	88
11) bis(2-Chloroethyl)ether	6.60	93	571508	41.68	ng	# 80
12) 1,3-Dichlorobenzene	6.80	146	579766	38.14	ng	99
13) 1,4-Dichlorobenzene	6.88	146	618073	39.85	ng	99
14) 1,2-Dichlorobenzene	7.02	146	510582	36.02	ng	98
15) Benzyl Alcohol	7.00	79	453210	32.90	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1056389	36.06	ng	95
17) 2-Methylphenol	7.12	107	483300	43.12	ng	96
18) Hexachloroethane	7.37	117	163376	28.23	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	420172	37.62	ng	95
20) 3+4-Methylphenols	7.26	107	488949	35.36	ng	88
22) Acetophenone	7.26	105	693123	38.00	ng	94
24) Nitrobenzene	7.44	77	560147	35.83	ng	99
25) Isophorone	7.68	82	1037792	37.40	ng	100
26) 2-Nitrophenol	7.76	139	238647	37.61	ng	96
27) 2,4-Dimethylphenol	7.80	122	481848	40.42	ng	94
28) bis(2-Chloroethoxy)methane	7.89	93	671854	40.87	ng	99
29) 2,4-Dichlorophenol	8.00	162	378166	35.69	ng	92
30) 1,2,4-Trichlorobenzene	8.09	180	437088	37.83	ng	# 95
31) Naphthalene	8.17	128	1394458	36.97	ng	99
32) Benzoic acid	7.90	122	267632	32.12	ng	# 82
33) 4-Chloroaniline	8.21	127	601896	37.82	ng	97
34) Hexachlorobutadiene	8.28	225	268145	35.94	ng	99
35) Caprolactam	8.58	113	110474	34.82	ng	# 87
36) 4-Chloro-3-methylphenol	8.69	107	407068	35.63	ng	94
37) 2-Methylnaphthalene	8.85	142	880251	37.18	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	368091	37.66	ng	99
40) Hexachlorocyclopentadiene	9.00	237	61555	10.24	ng	98

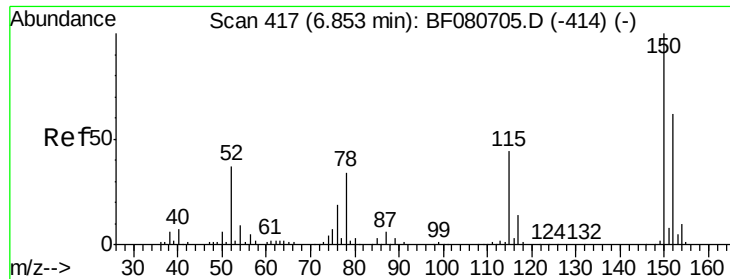
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080115\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	249150	36.65	nq	97
43) 2,4,5-Trichlorophenol	9.17	196	258478	38.33	nq	# 87
45) 1,1'-Biphenyl	9.32	154	906998	38.01	nq	100
46) 2-Chloronaphthalene	9.34	162	736906	37.81	nq	99
47) 2-Nitroaniline	9.44	65	317574	41.88	nq	92
48) Acenaphthylene	9.76	152	1224593	39.52	nq	99
49) Dimethylphthalate	9.62	163	917048	41.82	nq	99
50) 2,6-Dinitrotoluene	9.68	165	174523	37.50	nq	93
51) Acenaphthene	9.93	154	682624	36.11	nq	99
52) 3-Nitroaniline	9.85	138	224568	41.81	nq	94
53) 2,4-Dinitrophenol	9.94	184	15130	6.10	nq	# 60
54) Dibenzofuran	10.10	168	955015	37.77	nq	94
55) 4-Nitrophenol	10.00	139	124823	31.55	nq	# 62
56) 2,4-Dinitrotoluene	10.08	165	226030	37.03	nq	# 85
57) Fluorene	10.44	166	700242	35.68	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	181595	35.71	nq	99
59) Diethylphthalate	10.32	149	826940	39.12	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	325785	38.13	nq	94
61) 4-Nitroaniline	10.45	138	209568	43.22	nq	87
62) Azobenzene	10.59	77	828379	36.17	nq	94
64) 4,6-Dinitro-2-methylphenol	10.48	198	26495	8.99	nq	# 87
65) n-Nitrosodiphenylamine	10.54	169	614905	38.34	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	217994	43.17	nq	94
67) Hexachlorobenzene	10.98	284	217850	37.31	nq	97
68) Atrazine	11.07	200	142854	33.81	nq	99
69) Pentachlorophenol	11.17	266	148045	41.90	nq	99
70) Phenanthrene	11.39	178	909856	36.92	nq	99
71) Anthracene	11.45	178	989192	40.85	nq	99
72) Carbazole	11.60	167	823445	39.18	nq	98
73) Di-n-butylphthalate	11.94	149	1186476	45.52	nq	99
74) Fluoranthene	12.58	202	1050403	44.08	nq	97
76) Benzidine	12.71	184	631480	30.78	nq	99
77) Pyrene	12.81	202	1143651	26.17	nq	99
79) Butylbenzylphthalate	13.43	149	469216	26.59	nq	96
80) Benzo(a)anthracene	14.00	228	1197700	35.34	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	512322	44.29	nq	# 95
82) Chrysene	14.03	228	1216803	36.99	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	636859	29.27	nq	# 93
84) Di-n-octyl phthalate	14.60	149	1400898	38.40	nq	98
85) Indeno(1,2,3-cd)pyrene	16.81	276	1138779	38.77	nq	# 83
87) Benzo(b)fluoranthene	15.05	252	2462582	66.76	nq	# 98
88) Benzo(k)fluoranthene	15.05	252	2463681	81.16	nq	97
89) Benzo(a)pyrene	15.37	252	1184299	39.11	nq	98
90) Dibenzo(a,h)anthracene	16.83	278	957882	35.34	nq	97
91) Benzo(g,h,i)perylene	17.23	276	872004	32.69	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

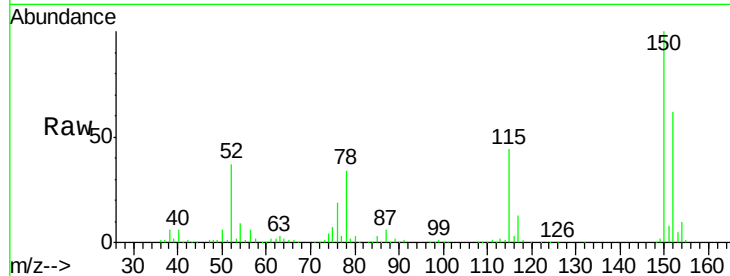
Tot Ion:152 Resp: 208989

Ion Ratio Lower Upper

152 100

150 161.7 129.6 194.4

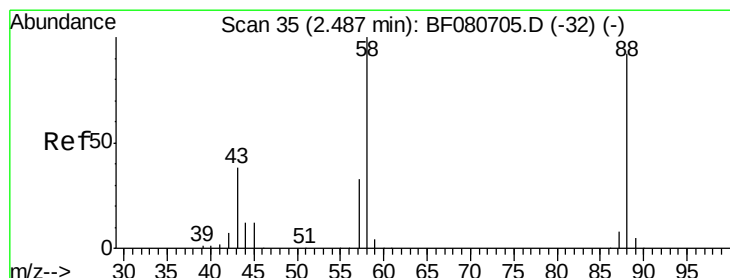
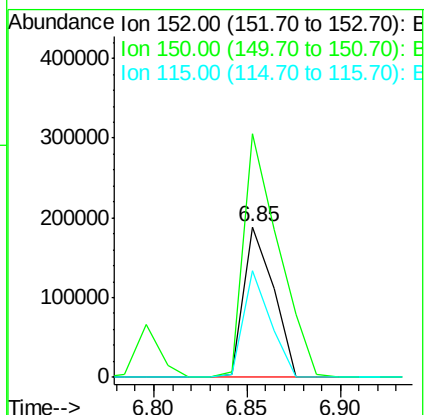
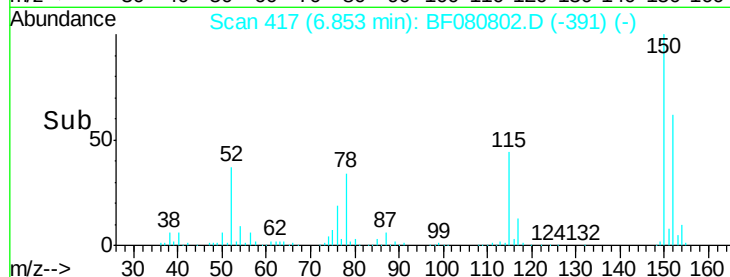
115 71.0 56.6 85.0



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: 44.50 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.01 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

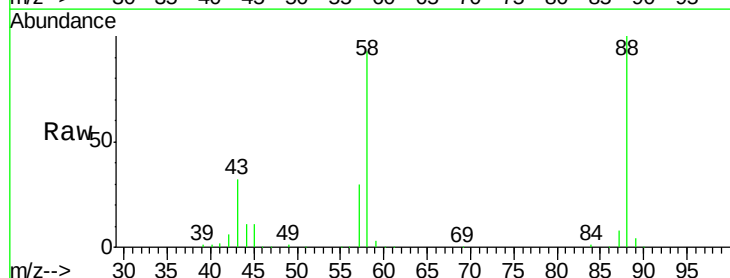
Tgt Ion: 88 Resp: 267342

Ion Ratio Lower Upper

88 100

58 96.4 82.3 123.5

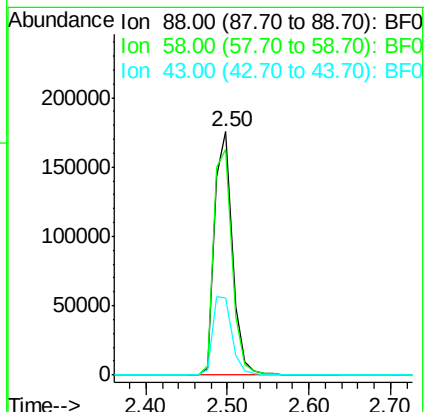
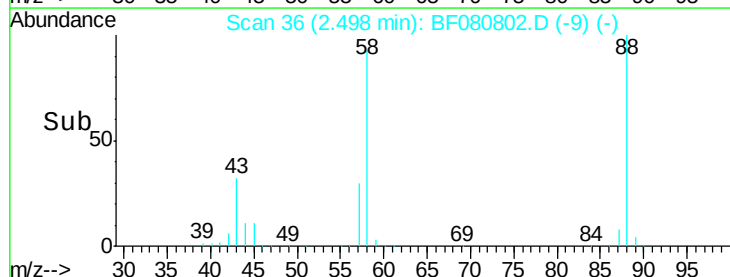
43 34.8 31.7 47.5

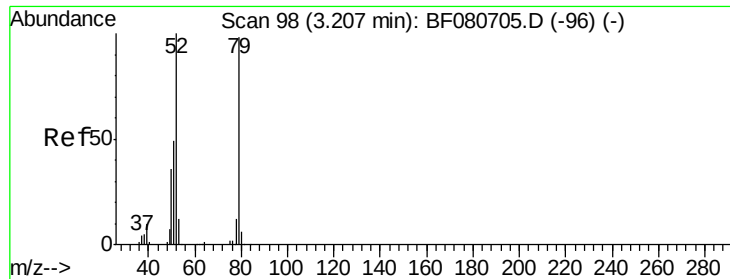


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 45.49 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.01 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

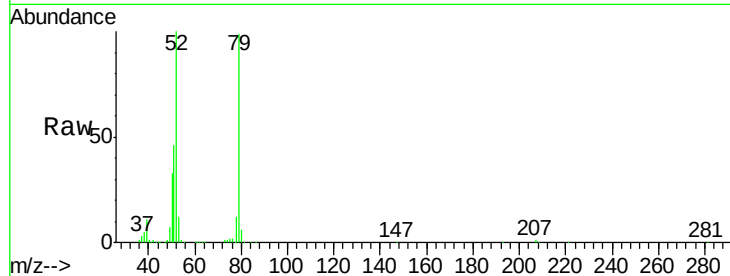
Tot Ion: 79 Resp: 758287

Ion Ratio Lower Upper

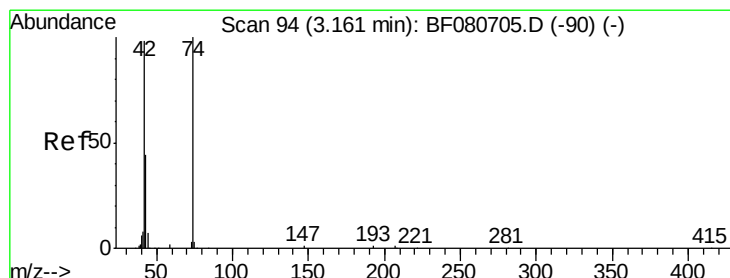
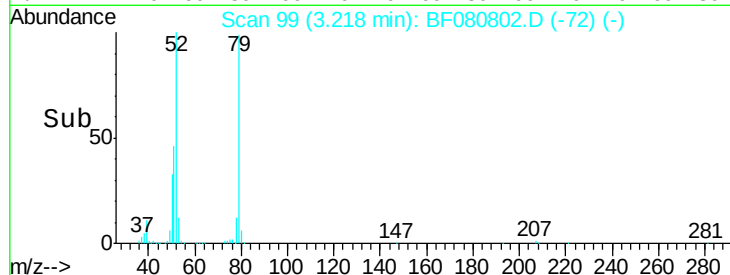
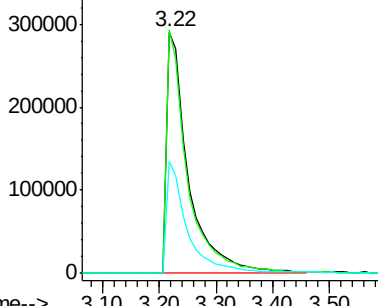
79 100

52 101.0 81.6 122.4

51 46.4 40.2 60.2



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.13 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.01 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

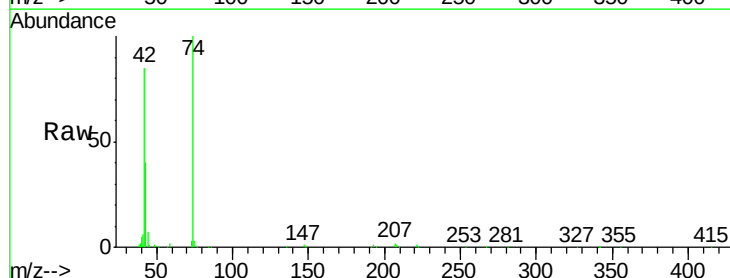
Tgt Ion: 42 Resp: 382422

Ion Ratio Lower Upper

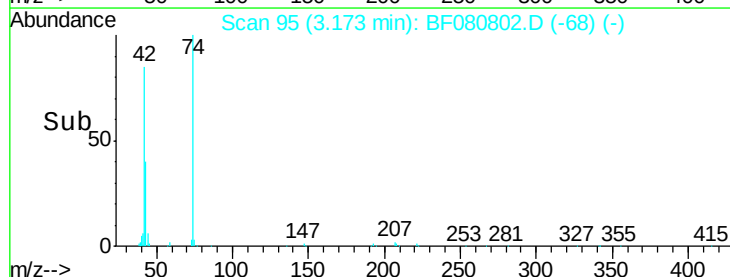
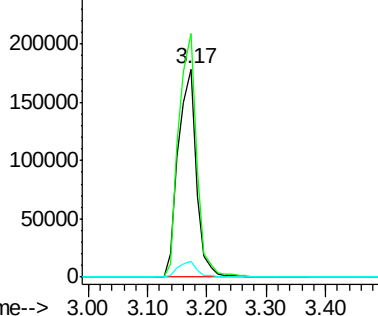
42 100

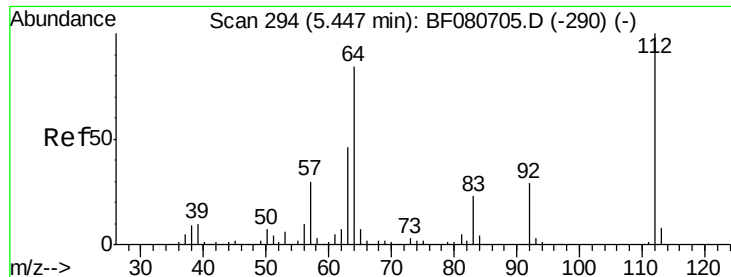
74 117.1 81.5 122.3

44 7.8 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.73 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

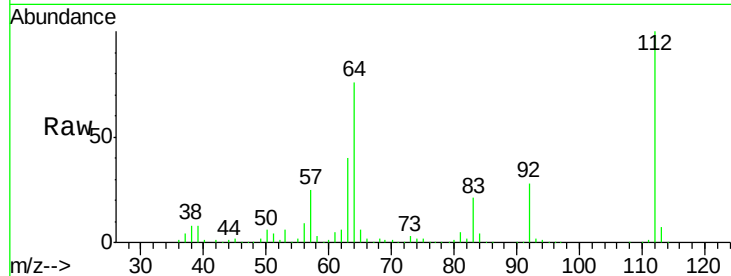
Tot Ion:112 Resp: 995694

Ion Ratio Lower Upper

112 100

64 76.0 66.8 100.2

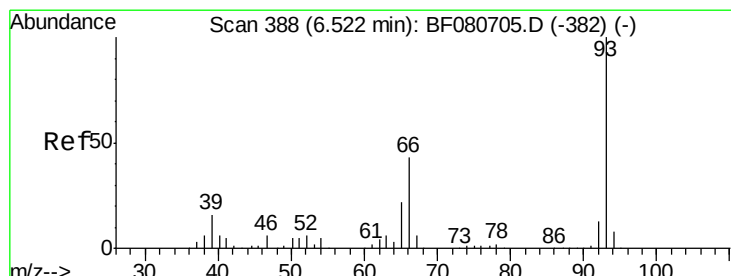
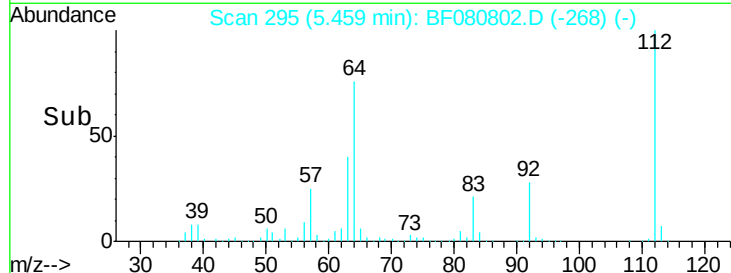
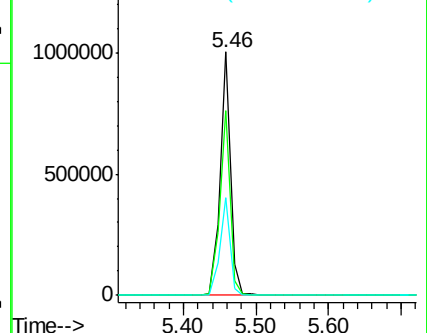
63 40.4 36.7 55.1



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.00 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

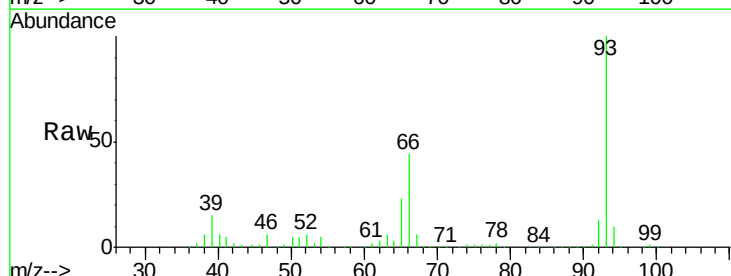
Tgt Ion: 93 Resp: 907170

Ion Ratio Lower Upper

93 100

66 44.2 34.3 51.5

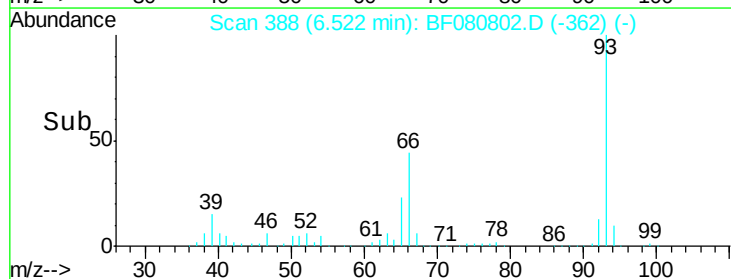
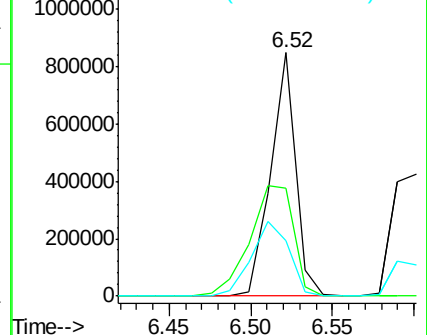
65 22.8 17.6 26.4

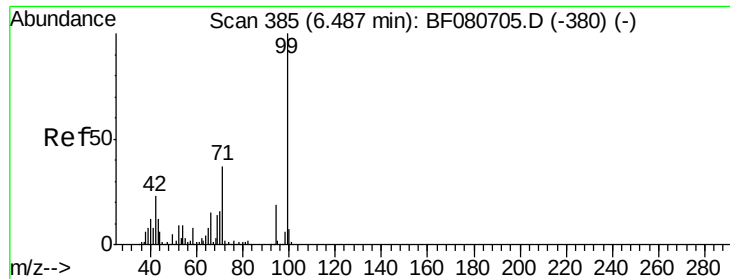


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.05 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

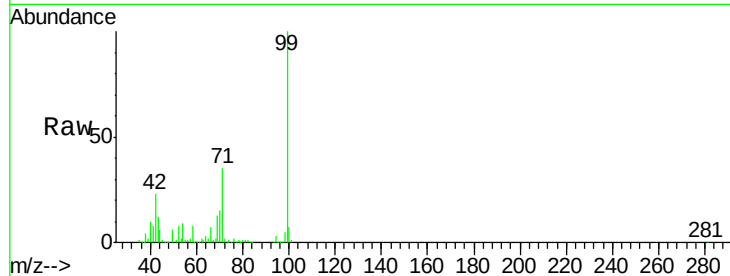
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1344227

Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.2	27.2
71	35.2	29.5	44.3

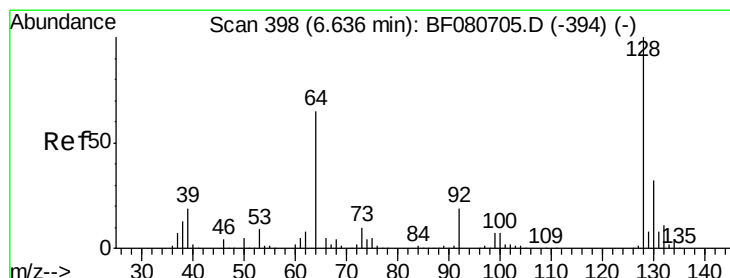
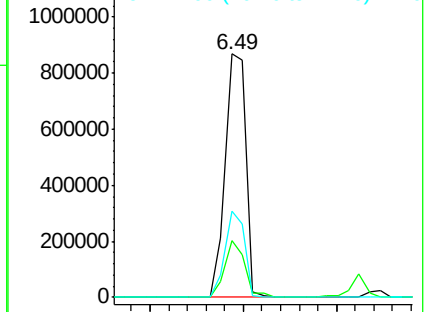
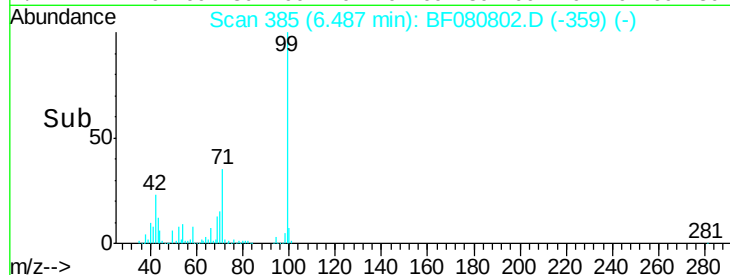


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.50 ng

RT: 6.65 min Scan# 399

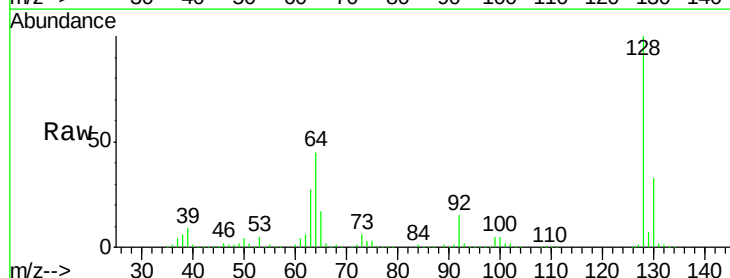
Delta R.T. 0.01 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Tgt Ion: 128 Resp: 539455

Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.7	51.7
64	44.9	48.7	88.7

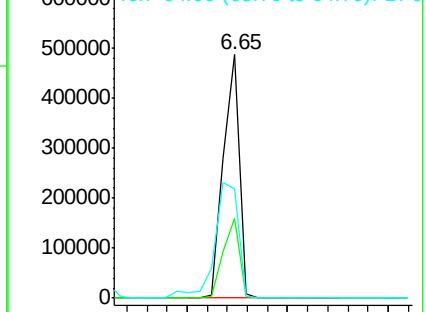
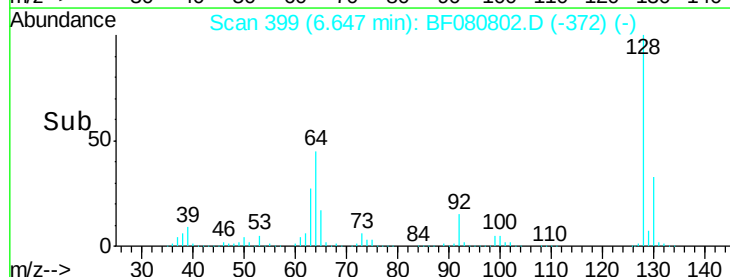


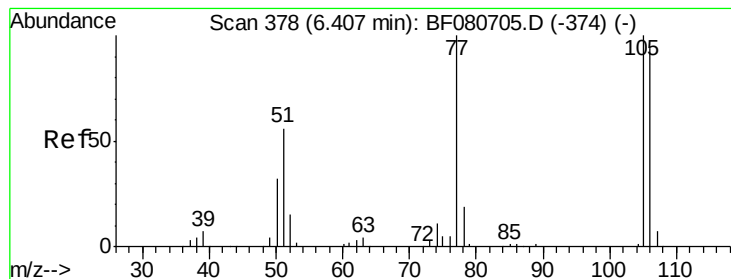
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.59 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

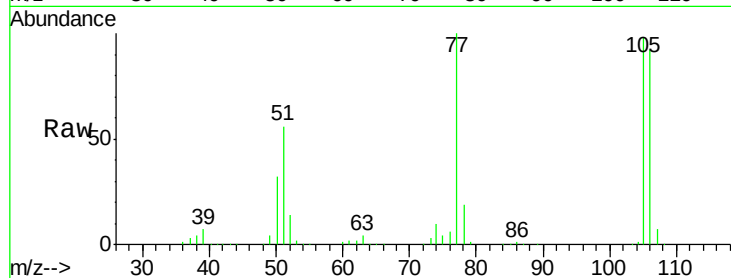
Tot Ion: 77 Resp: 438359

Ion Ratio Lower Upper

77 100

105 97.8 80.2 120.2

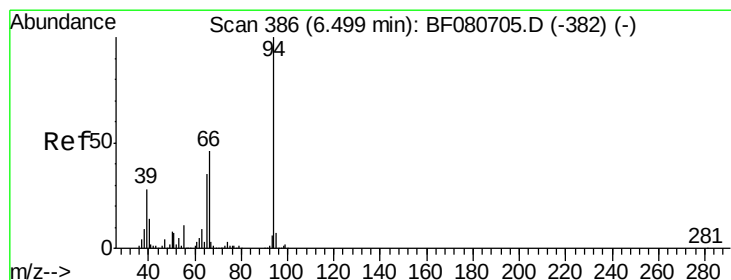
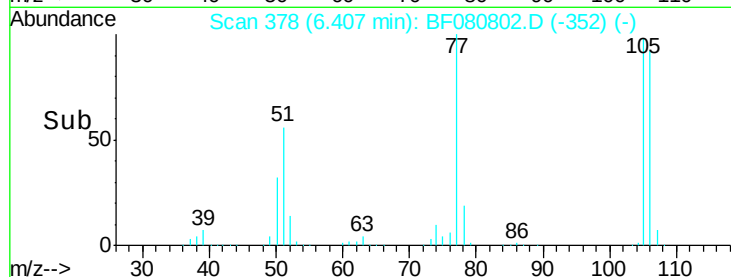
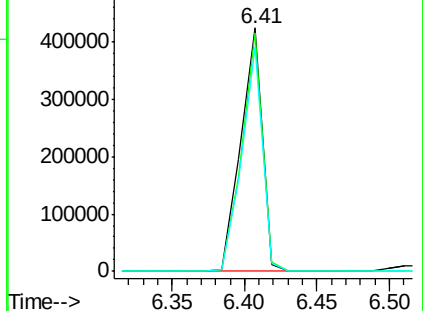
106 92.4 74.2 114.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.45 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

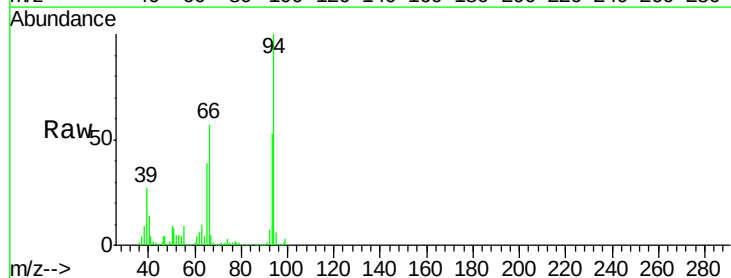
Tgt Ion: 94 Resp: 757235

Ion Ratio Lower Upper

94 100

65 38.7 14.7 54.7

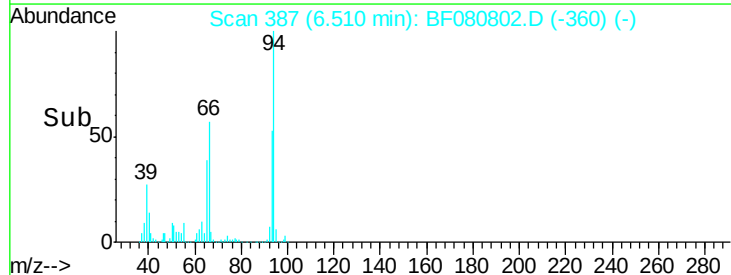
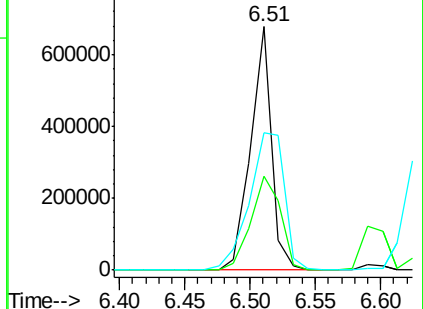
66 56.5 25.9 65.9

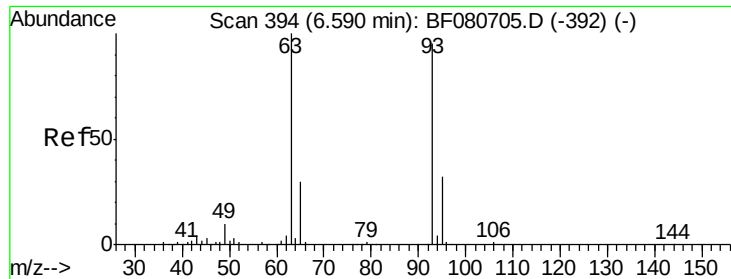


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.68 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

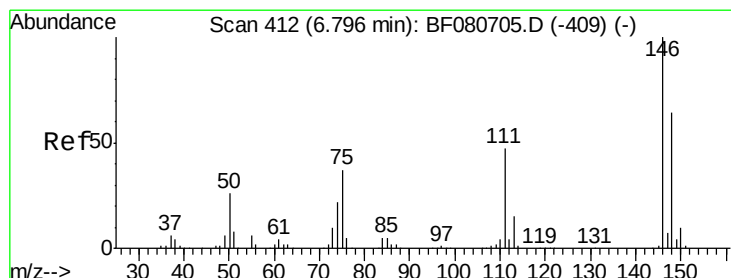
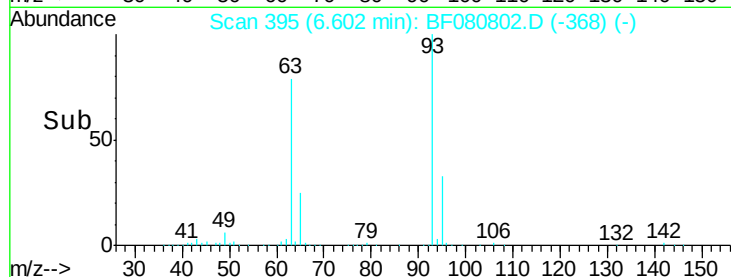
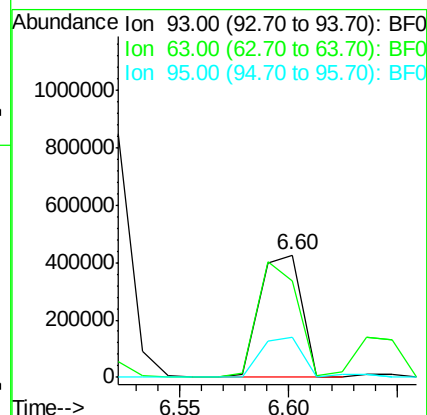
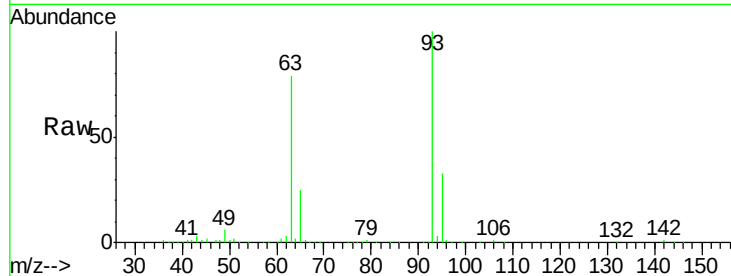
Tot Ion: 93 Resp: 571508

Ion Ratio Lower Upper

93 100

63 79.0 85.3 125.3#

95 32.8 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 38.14 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

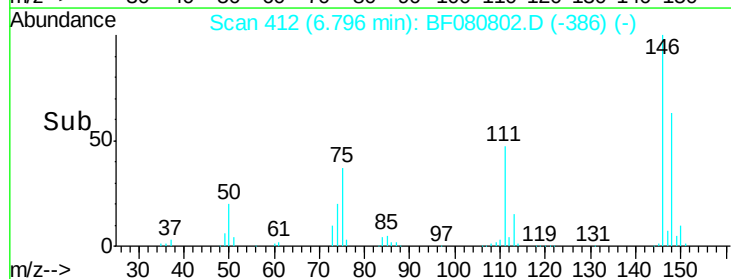
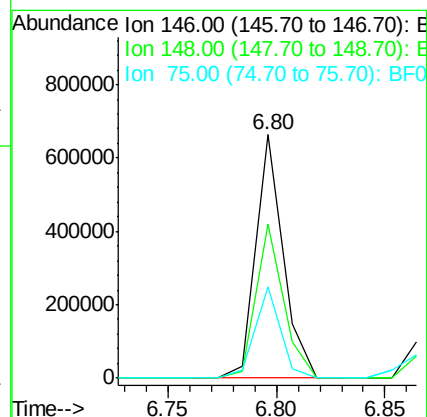
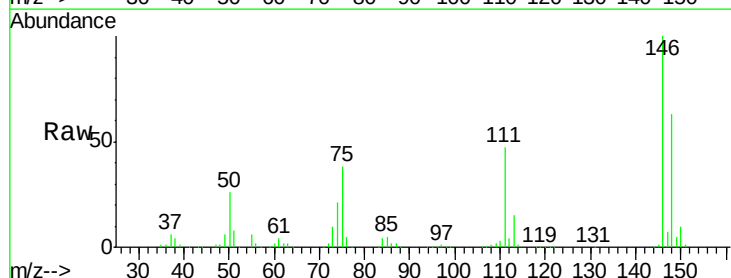
Tgt Ion: 146 Resp: 579766

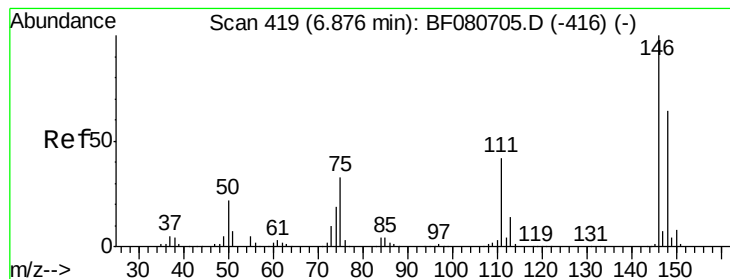
Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.6

75 37.8 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 39.85 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

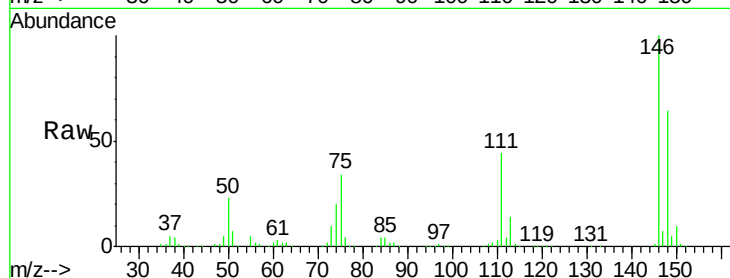
Tot Ion:146 Resp: 618073

Ion Ratio Lower Upper

146 100

148 64.1 51.4 77.2

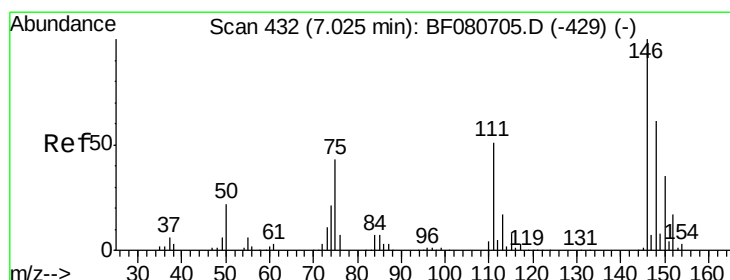
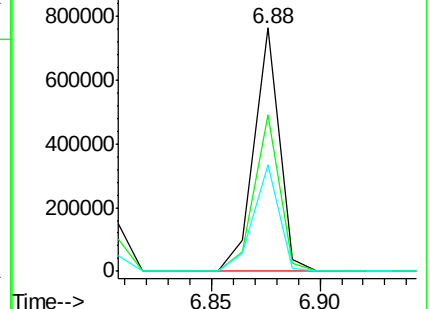
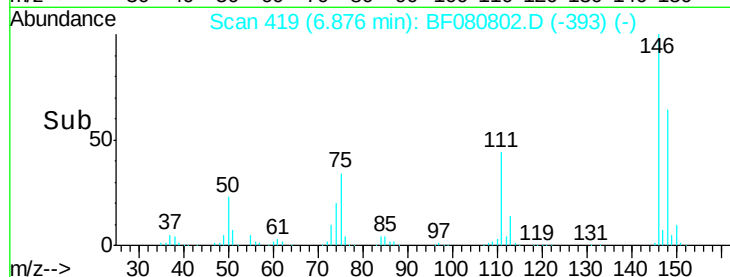
111 43.8 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.02 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

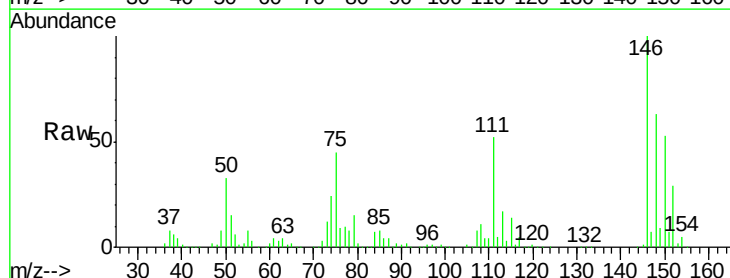
Tgt Ion:146 Resp: 510582

Ion Ratio Lower Upper

146 100

148 63.3 49.2 73.8

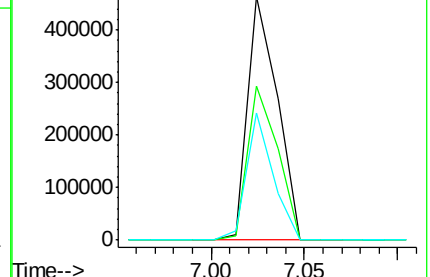
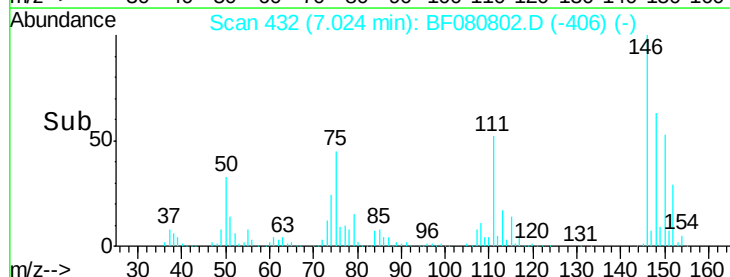
111 52.0 41.0 61.4

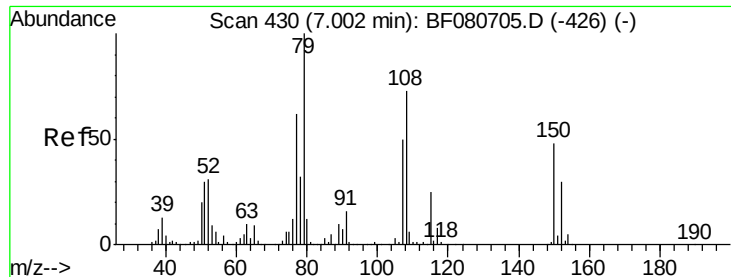


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.90 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

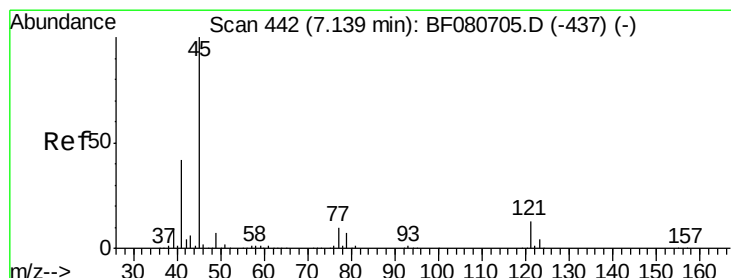
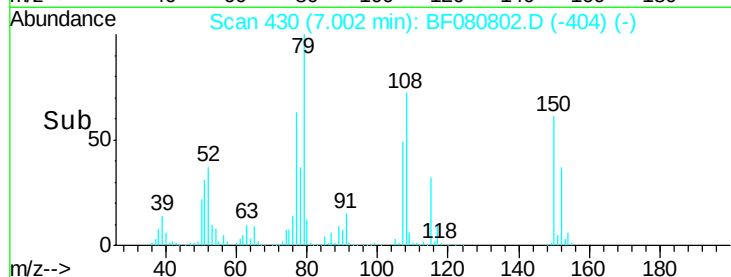
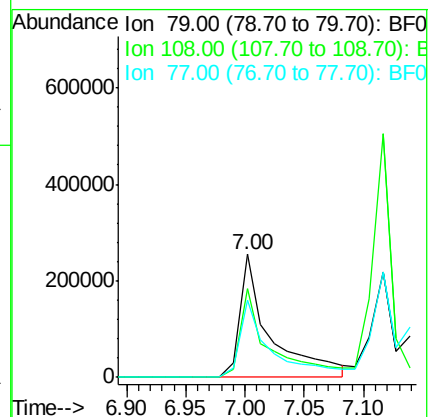
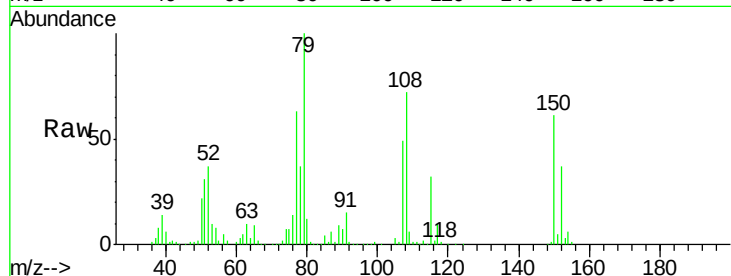
Tot Ion: 79 Resp: 453210

Ion Ratio Lower Upper

79 100

108 72.3 58.7 88.1

77 62.7 49.8 74.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.06 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

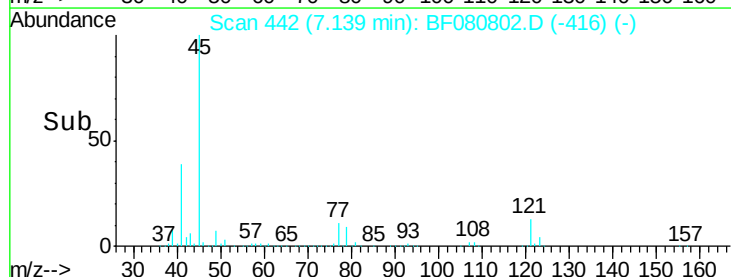
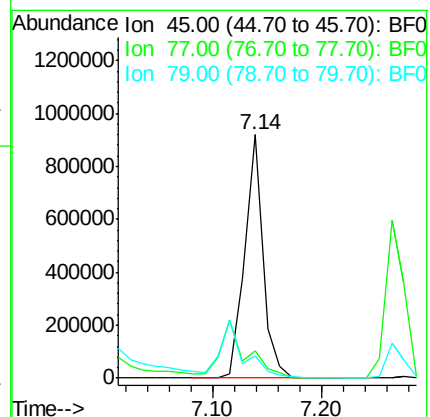
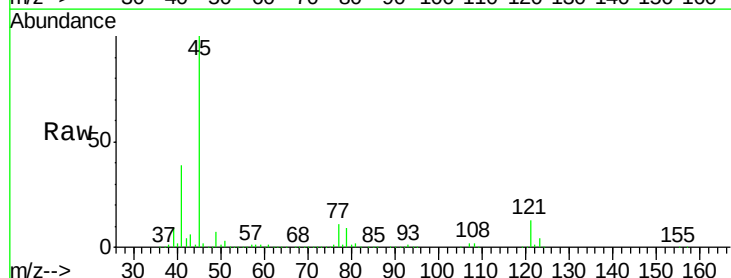
Tgt Ion: 45 Resp: 1056389

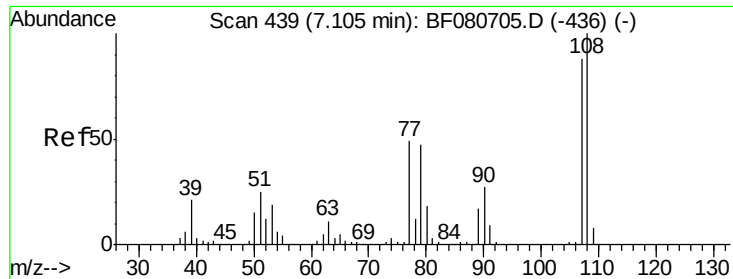
Ion Ratio Lower Upper

45 100

77 11.4 0.0 29.9

79 9.3 0.0 27.4

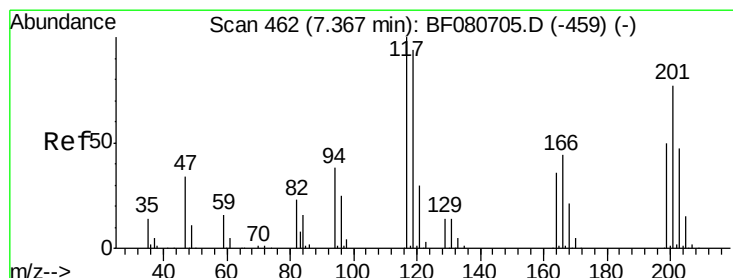
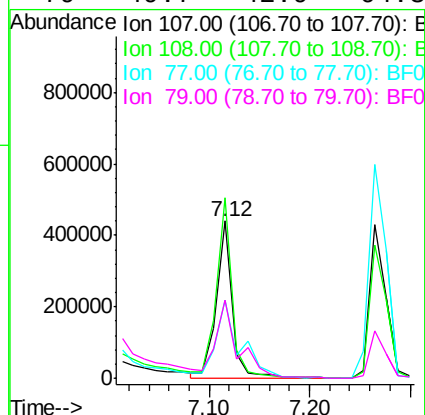
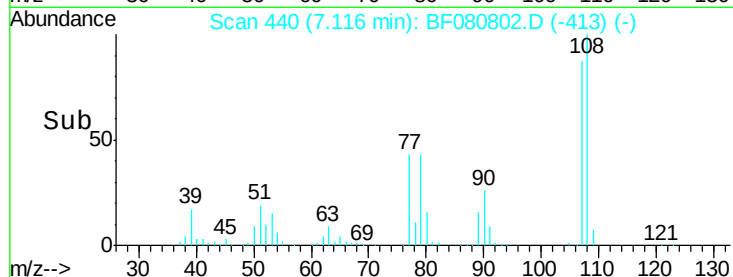
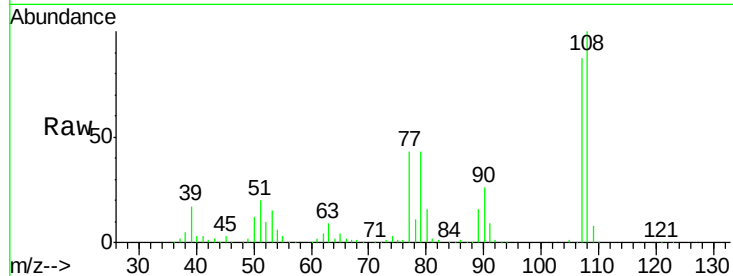




#17
2-Methylphenol
Concen: 43.12 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

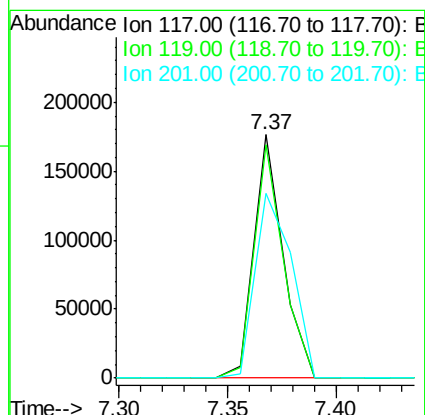
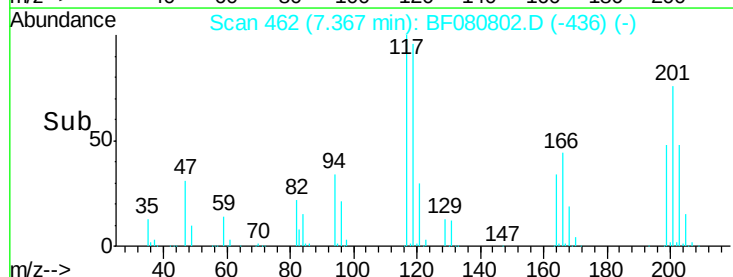
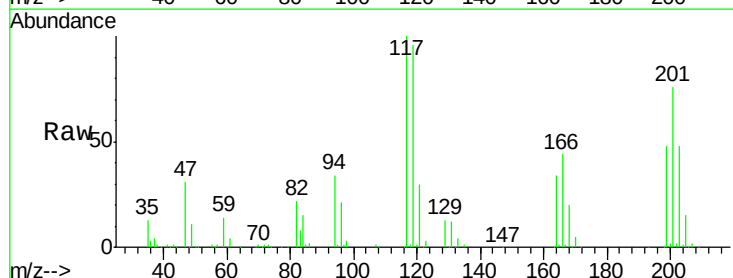
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

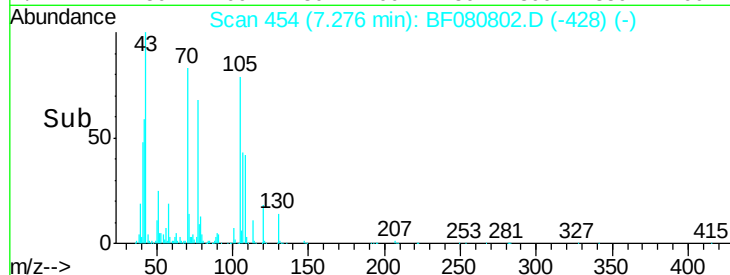
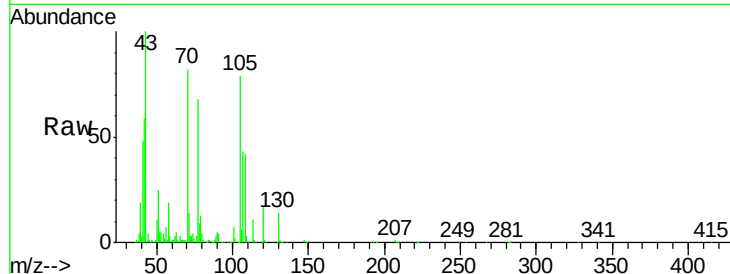
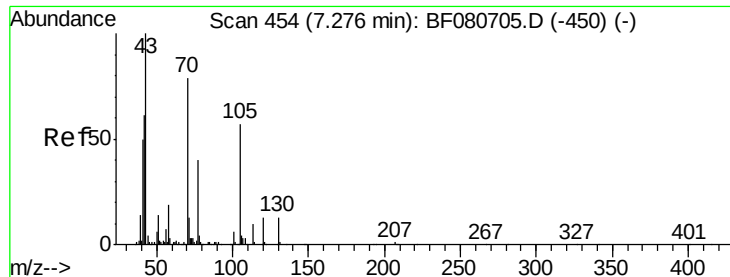
Tot Ion:107 Resp: 483300
Ion Ratio Lower Upper
107 100
108 114.8 90.8 136.2
77 49.6 44.6 67.0
79 49.7 42.9 64.3



#18
Hexachloroethane
Concen: 28.23 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Tgt Ion:117 Resp: 163376
Ion Ratio Lower Upper
117 100
119 95.9 74.9 112.3
201 75.7 61.5 92.3

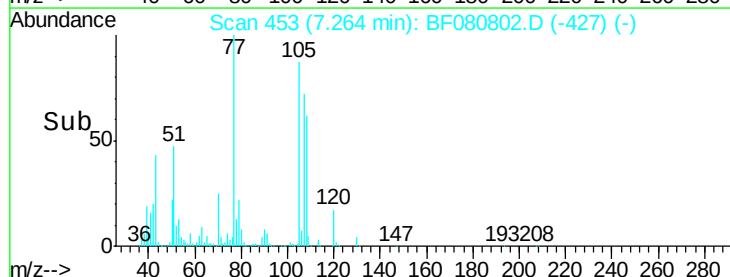
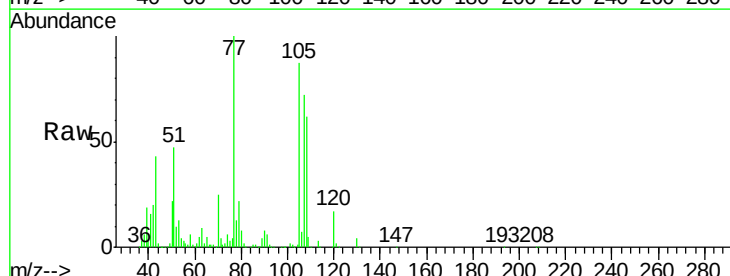
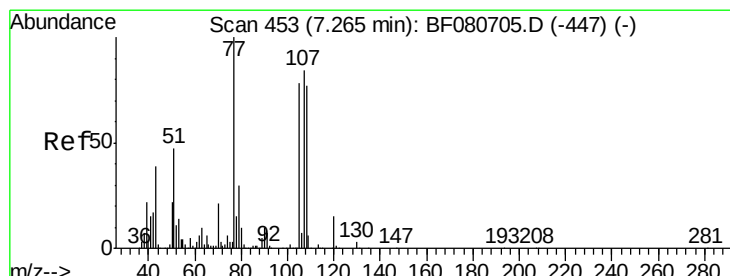
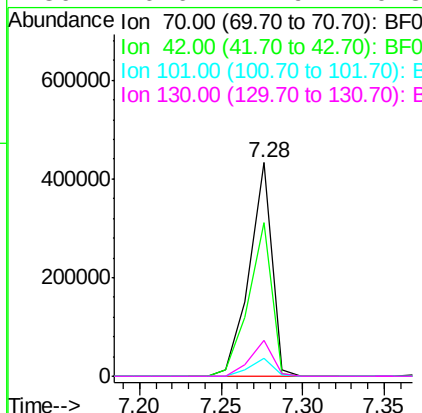




#19
n-Nitroso-di-n-propylamine
Concen: 37.62 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

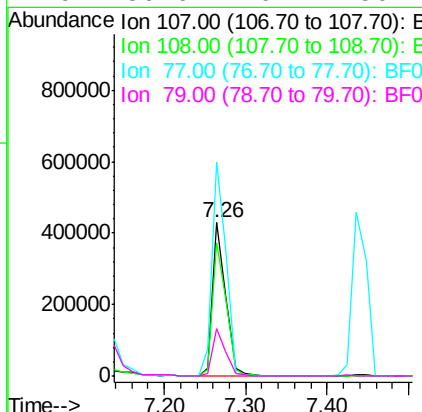
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

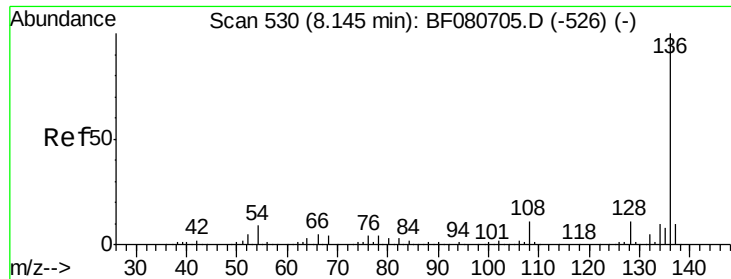
Tot Ion:	70	Resp:	420172
Ion	Ratio	Lower	Upper
70	100		
42	71.8	61.8	92.6
101	8.7	6.1	9.1
130	16.6	12.9	19.3



#20
3+4-Methylphenols
Concen: 35.36 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Tgt Ion:	107	Resp:	488949
Ion	Ratio	Lower	Upper
107	100		
108	86.7	71.8	111.8
77	139.2	99.8	139.8
79	30.6	16.2	56.2

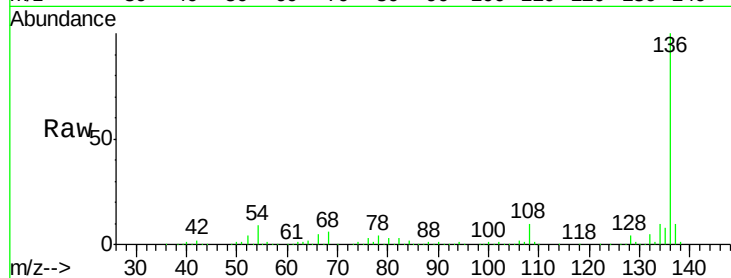




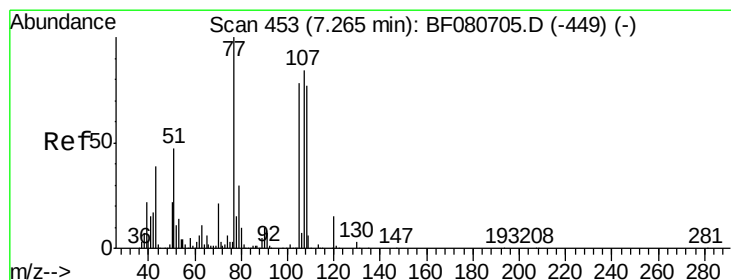
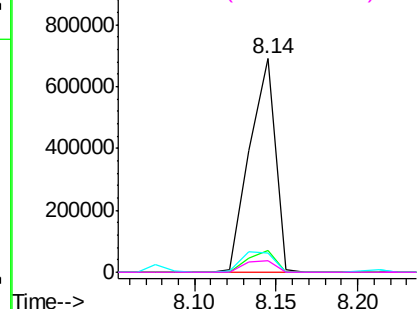
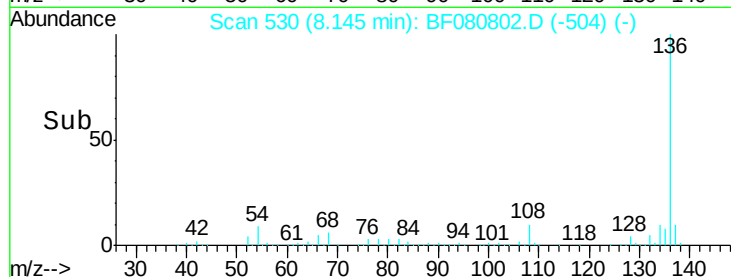
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:136	Resp:	755618
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.4 12.6
54	9.2	6.9 10.3
68	5.6	3.5 5.3#

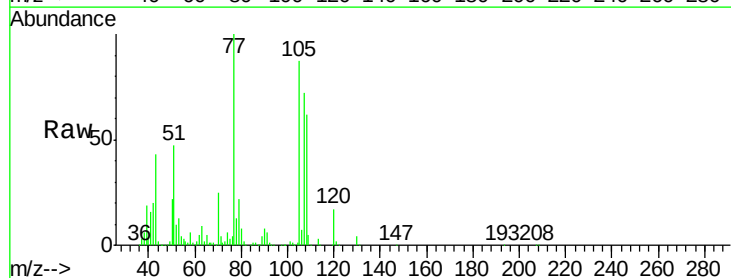


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

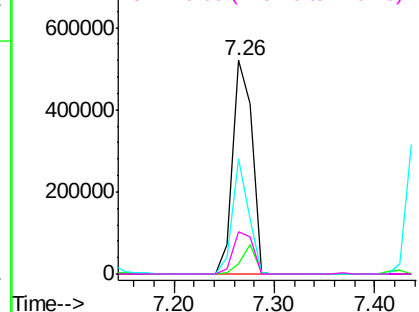
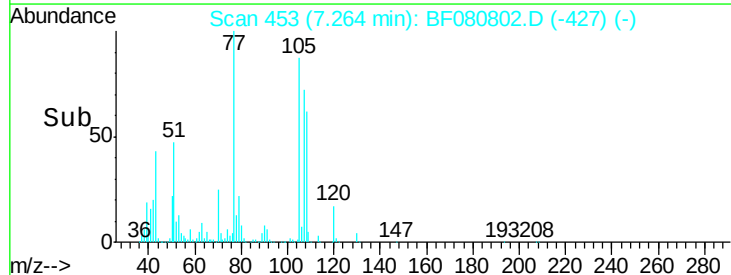


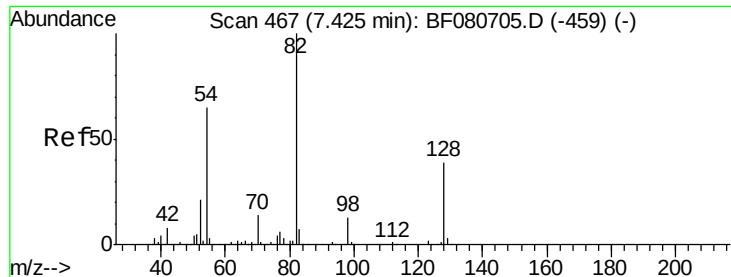
#22
Acetophenone
Concen: 38.00 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Tgt Ion:105	Resp:	693123
Ion Ratio	Lower	Upper
105	100	
71	4.9	3.4 5.0
51	54.0	47.9 71.9
120	19.8	15.0 22.6



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



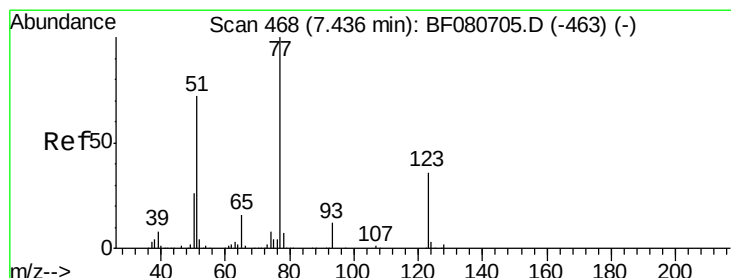
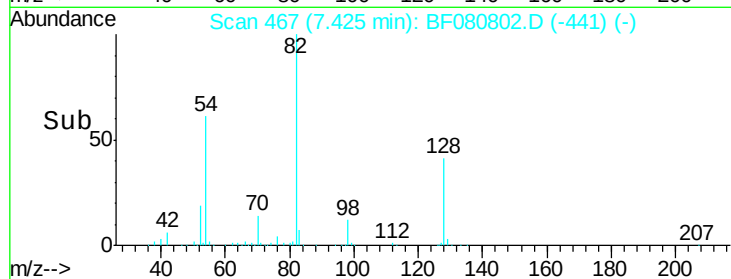
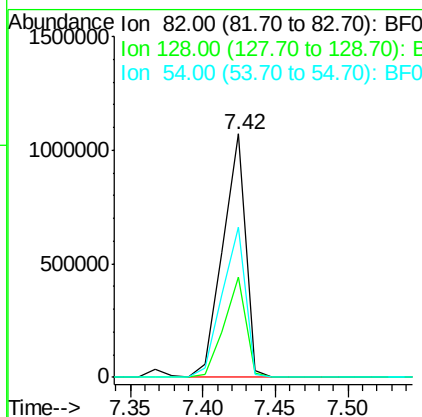
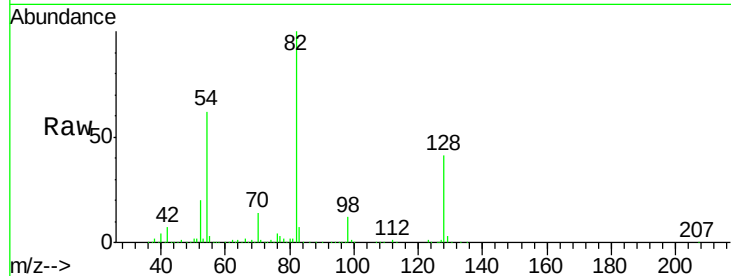


#23
 Nitrobenzene-d5
 Concen: 75.06 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 82 Resp: 1171204

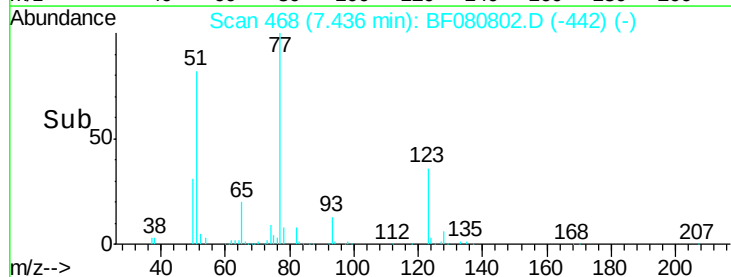
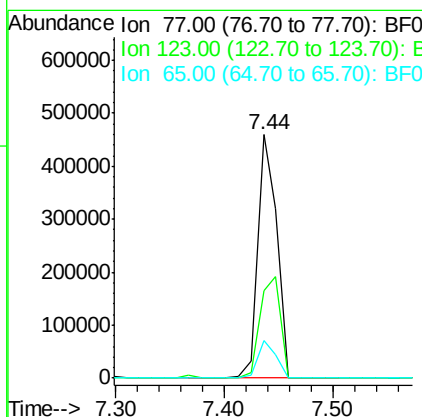
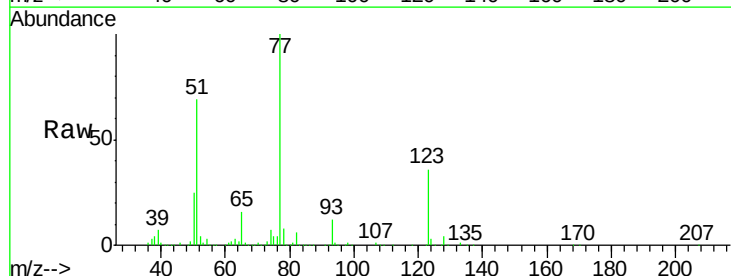
Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.5	47.3
54	61.6	51.8	77.8

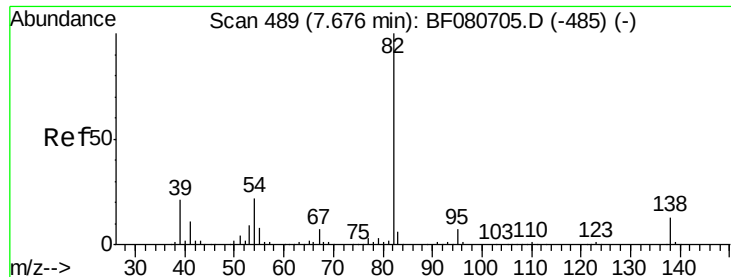


#24
 Nitrobenzene
 Concen: 35.83 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Tgt Ion: 77 Resp: 560147

Ion	Ratio	Lower	Upper
77	100		
123	36.0	28.9	43.3
65	15.6	13.0	19.4





#25

Isophorone

Concen: 37.40 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

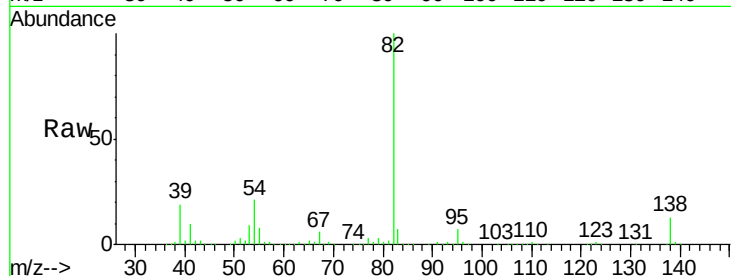
Tot Ion: 82 Resp: 1037792

Ion Ratio Lower Upper

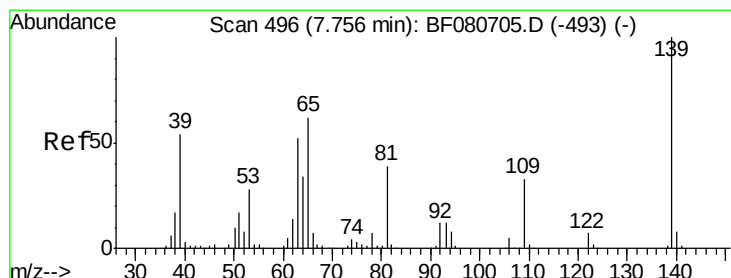
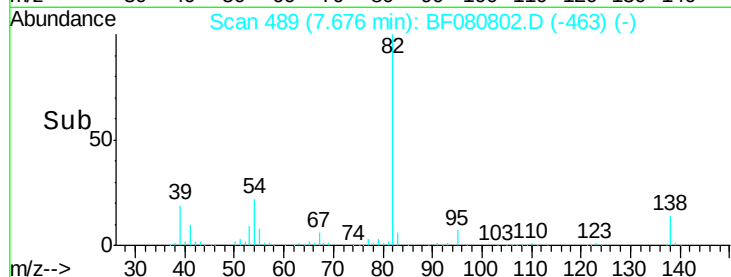
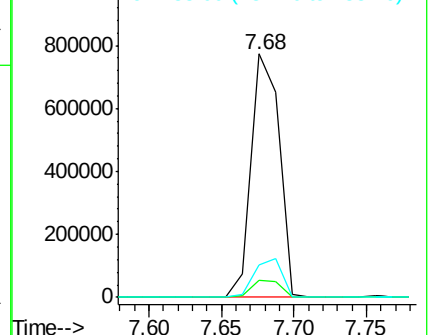
82 100

95 7.1 5.8 8.6

138 13.5 10.7 16.1



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: 37.61 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

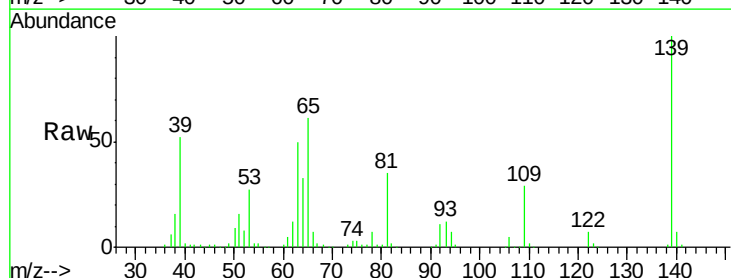
Tgt Ion: 139 Resp: 238647

Ion Ratio Lower Upper

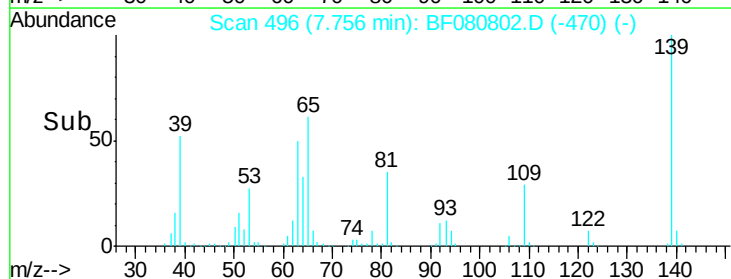
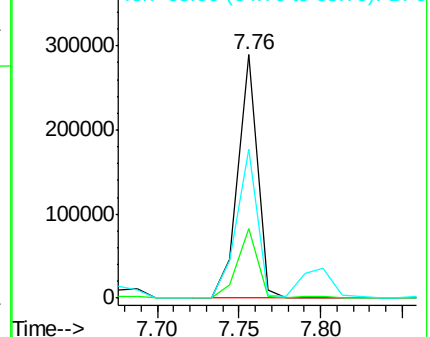
139 100

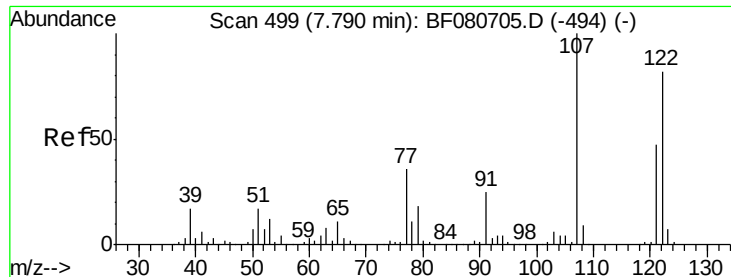
109 28.6 26.5 39.7

65 61.1 49.8 74.8



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

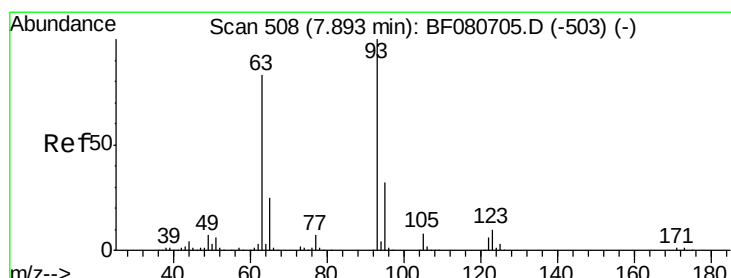
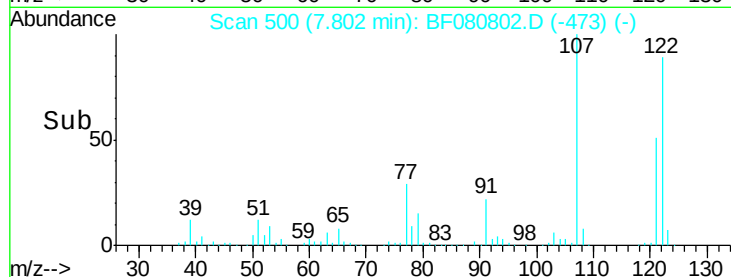
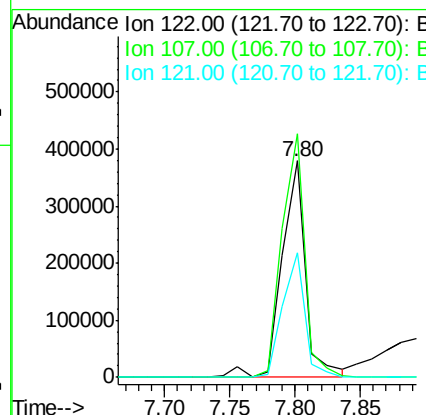
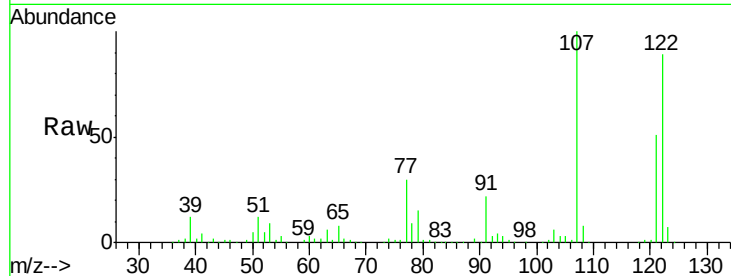




#27
 2,4-Dimethylphenol
 Concen: 40.42 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.01 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

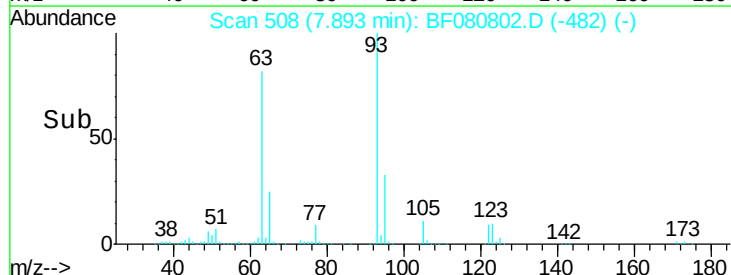
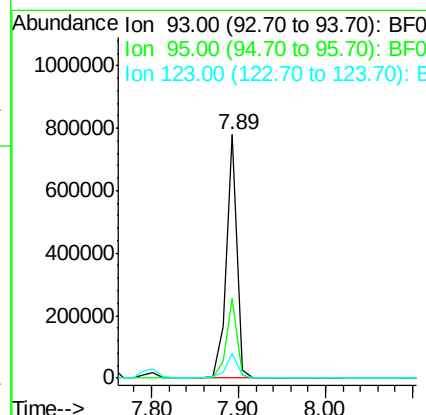
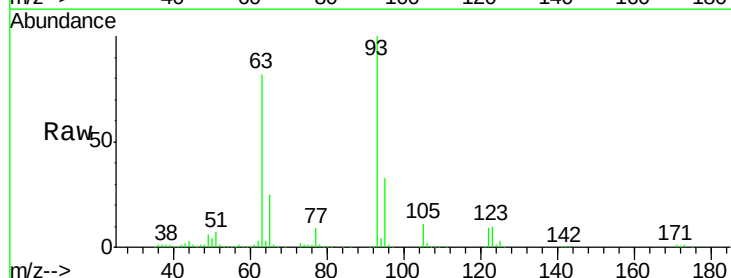
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

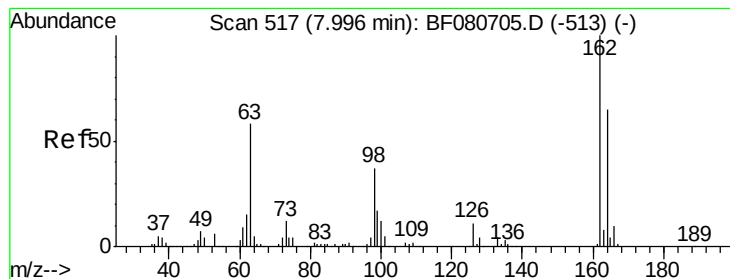
Tot Ion:122 Resp: 481848
 Ion Ratio Lower Upper
 122 100
 107 112.5 98.1 147.1
 121 57.8 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.87 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Tgt Ion: 93 Resp: 671854
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.0 39.0
 123 10.1 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 35.69 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

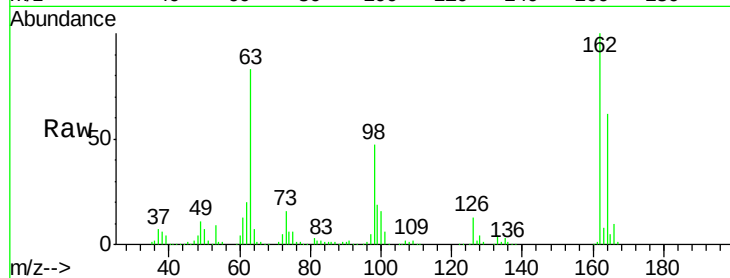
Tot Ion:162 Resp: 378166

Ion Ratio Lower Upper

162 100

164 62.3 45.1 85.1

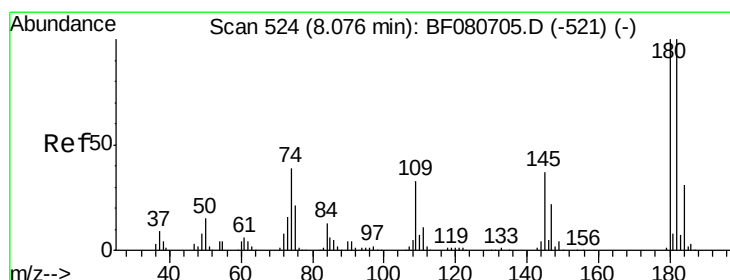
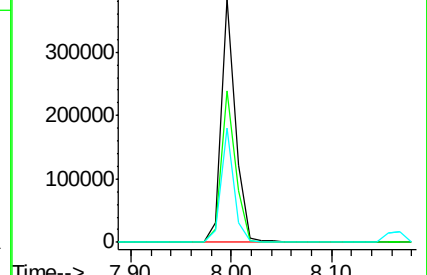
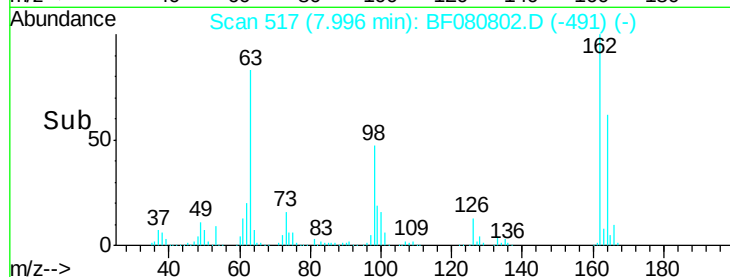
98 47.1 17.0 57.0



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: 37.83 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.01 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

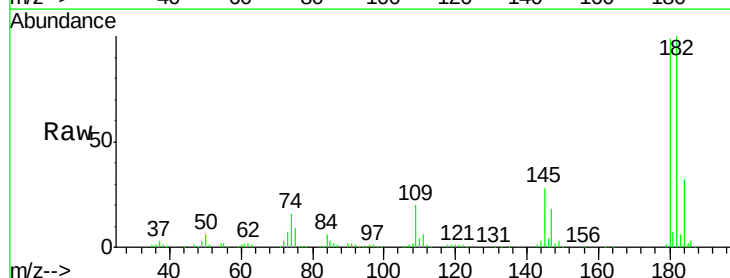
Tgt Ion:180 Resp: 437088

Ion Ratio Lower Upper

180 100

182 101.2 79.8 119.8

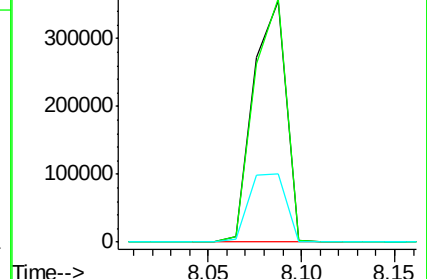
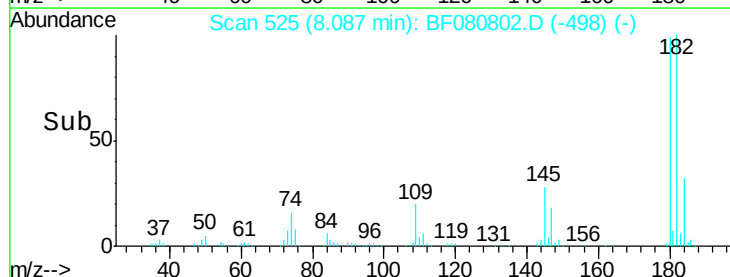
145 28.5 29.8 44.6#

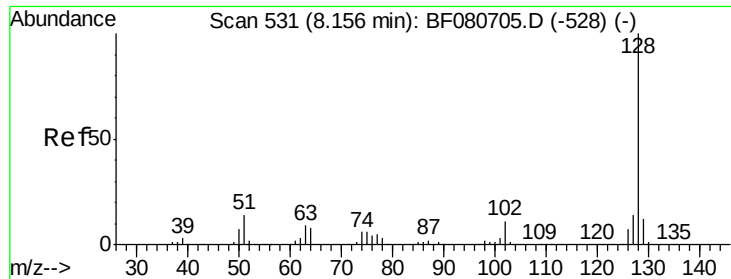


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

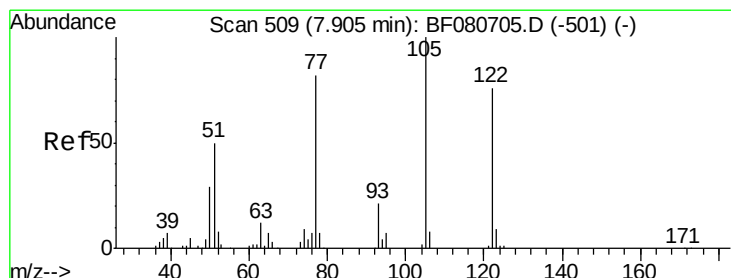
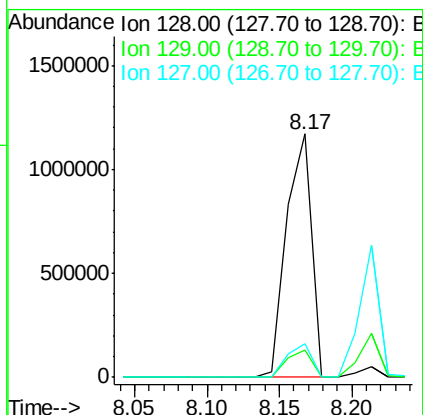
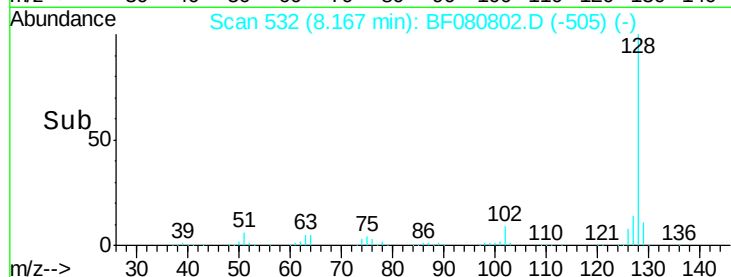
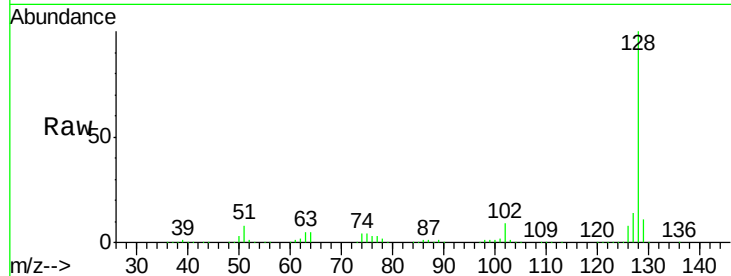




#31
Naphthalene
Concen: 36.97 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

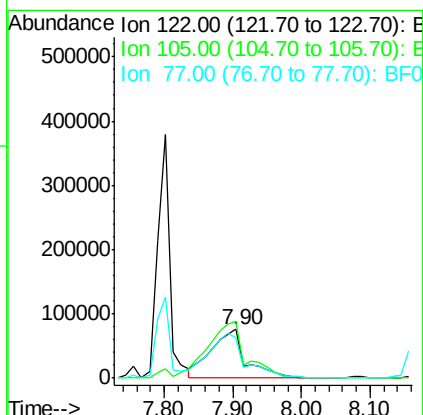
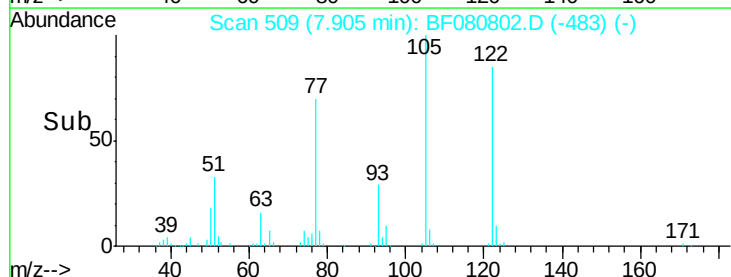
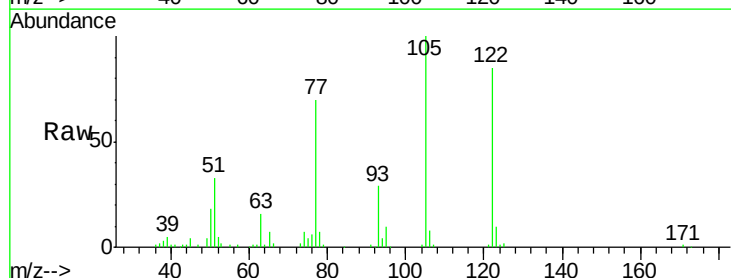
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

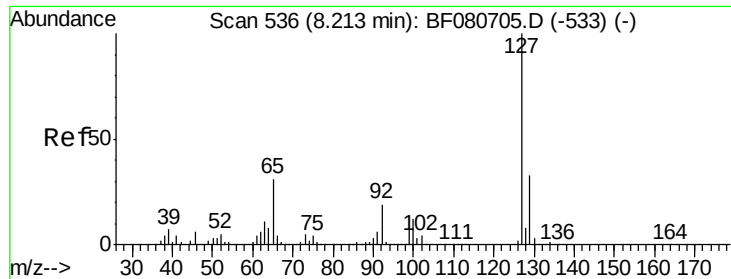
Tot Ion:128 Resp: 1394458
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.6 11.0 16.6



#32
Benzoic acid
Concen: 32.12 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Tgt Ion:122 Resp: 267632
Ion Ratio Lower Upper
122 100
105 117.3 111.3 151.3
77 82.0 88.1 128.1#

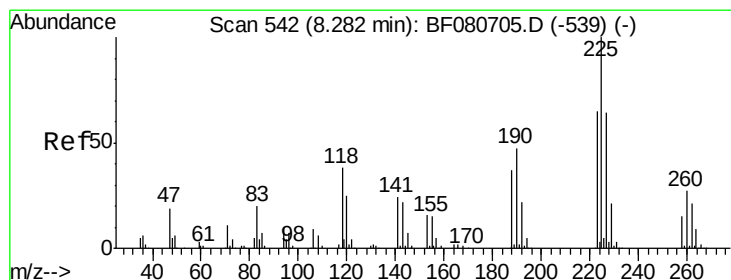
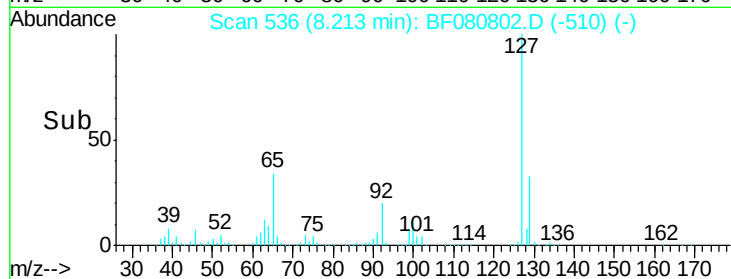
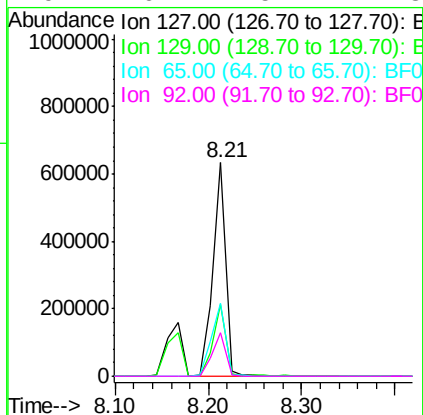
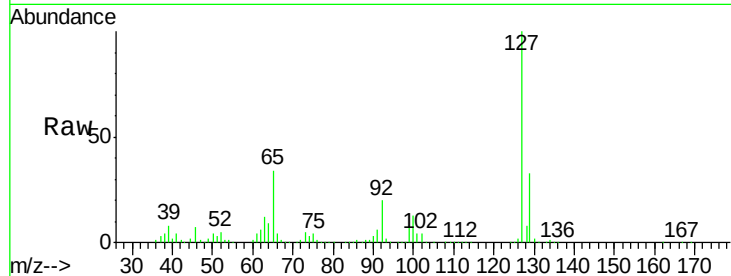




#33
4-Chloroaniline
Concen: 37.82 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

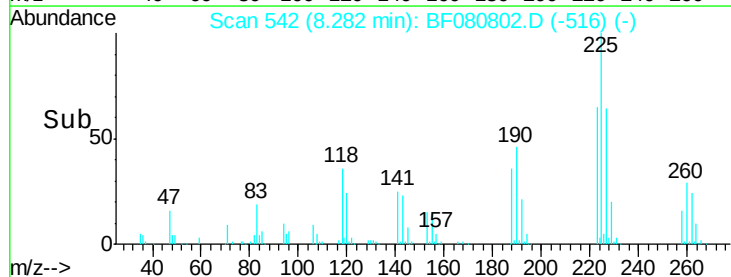
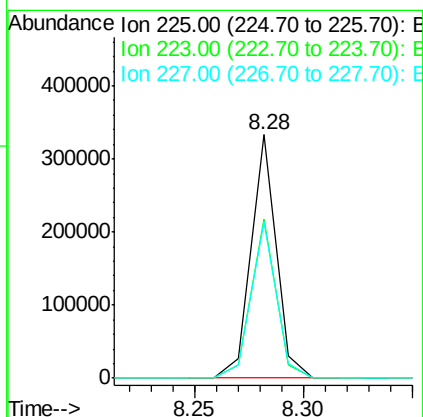
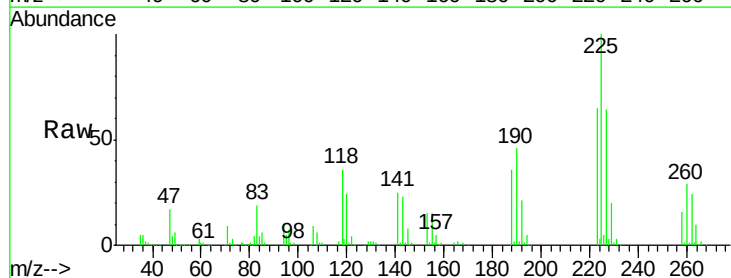
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

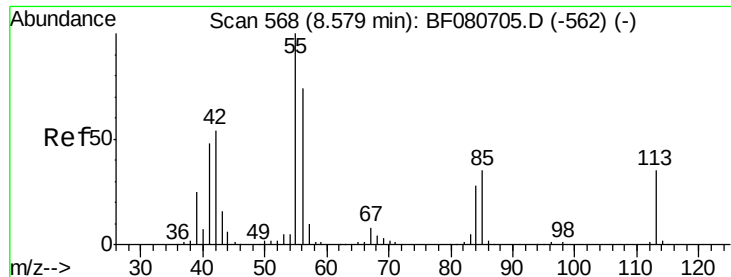
Tot Ion:	127	Resp:	601896
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.7	40.1
65	34.0	24.5	36.7
92	20.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.94 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Tgt Ion:	225	Resp:	268145
Ion	Ratio	Lower	Upper
225	100		
223	65.3	51.7	77.5
227	64.1	51.0	76.4

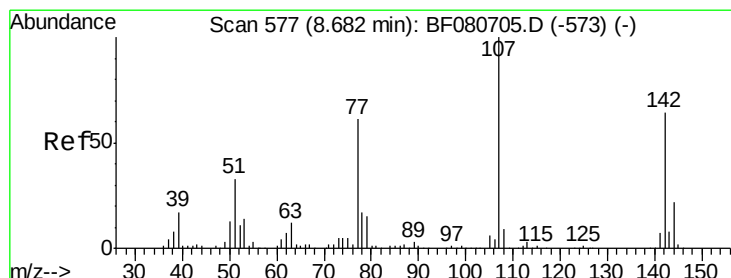
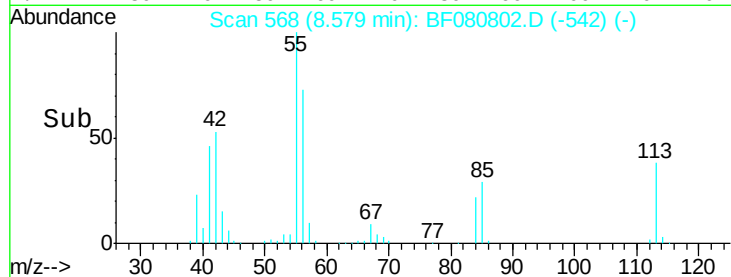
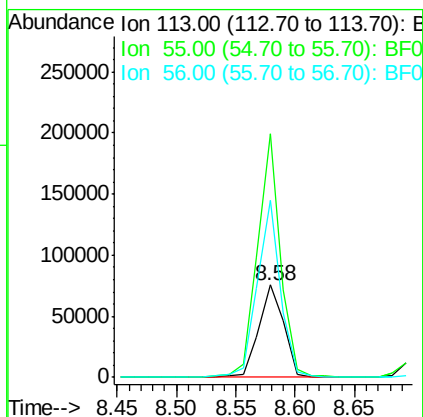
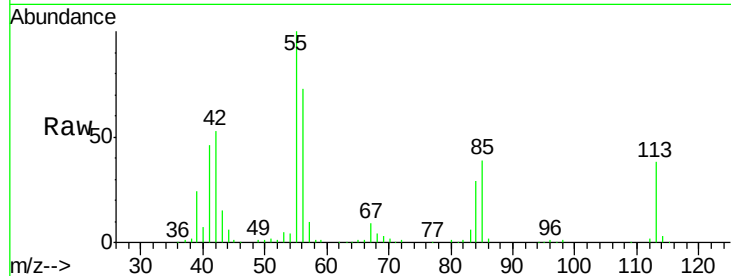




#35
 Caprolactam
 Concen: 34.82 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

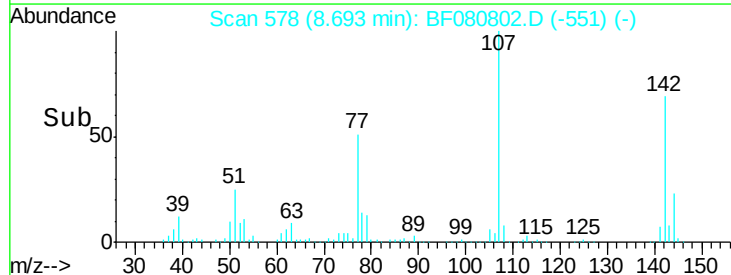
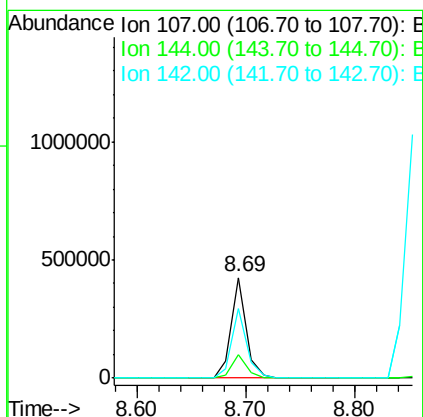
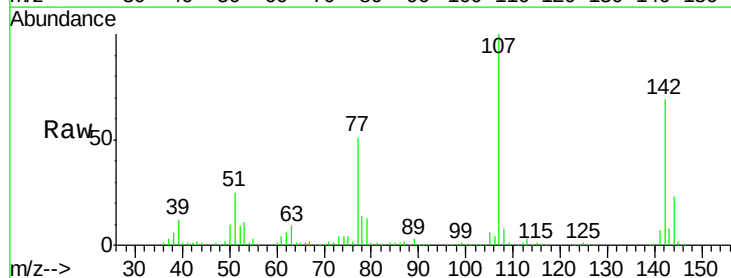
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

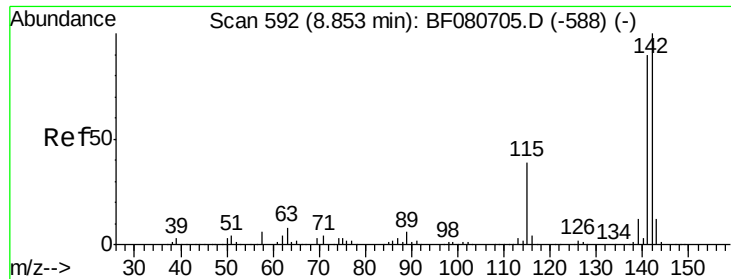
Tot Ion:113 Resp: 110474
 Ion Ratio Lower Upper
 113 100
 55 264.2 269.3 309.3#
 56 192.1 193.3 233.3#



#36
 4-Chloro-3-methylphenol
 Concen: 35.63 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Tgt Ion:107 Resp: 407068
 Ion Ratio Lower Upper
 107 100
 144 23.4 17.2 25.8
 142 69.0 51.2 76.8

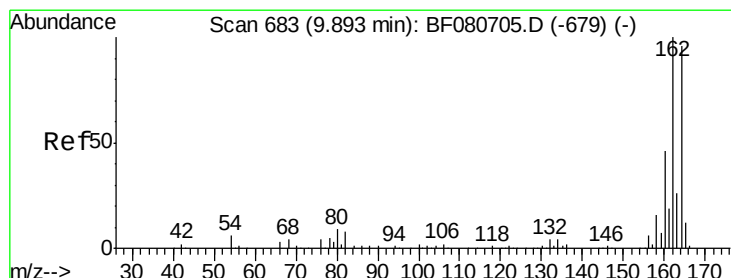
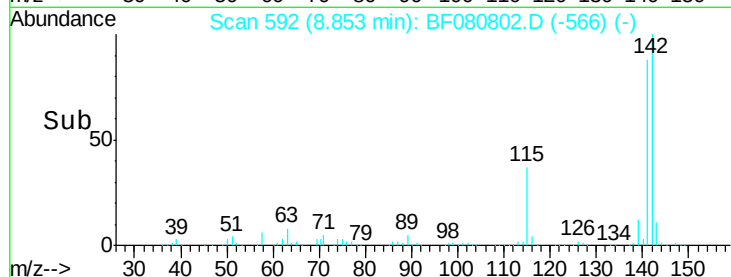
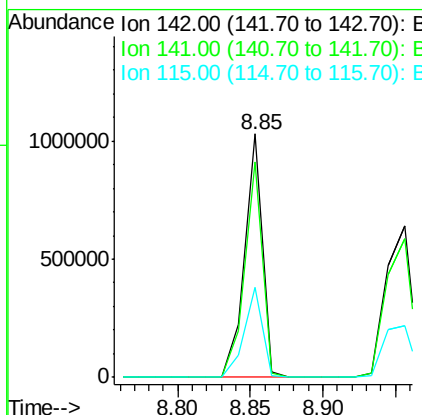
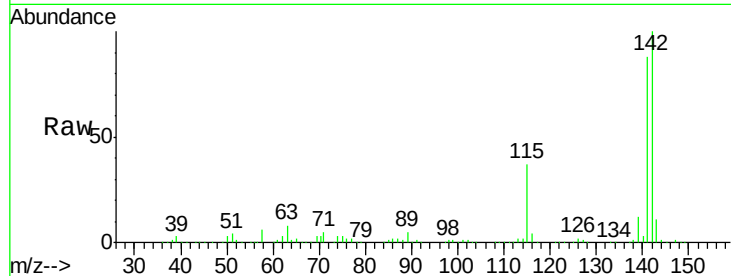




#37
2-Methylnaphthalene
Concen: 37.18 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

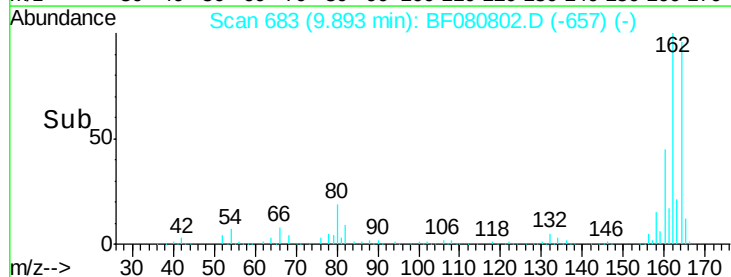
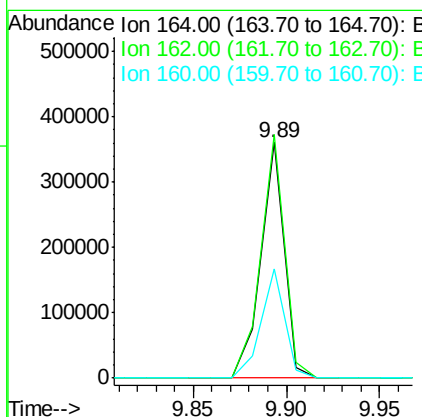
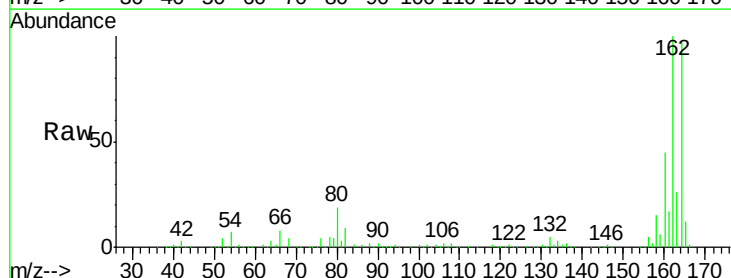
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

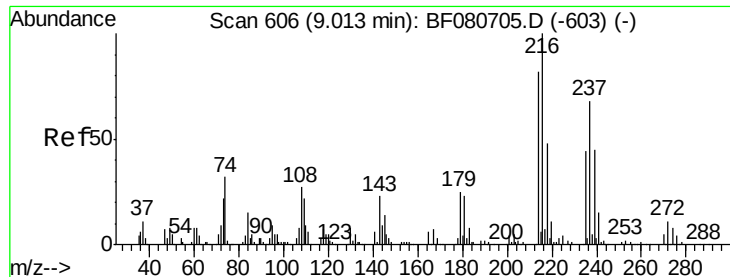
Tot Ion:142 Resp: 880251
Ion Ratio Lower Upper
142 100
141 88.4 71.9 107.9
115 37.0 31.4 47.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Tgt Ion:164 Resp: 311193
Ion Ratio Lower Upper
164 100
162 103.3 83.4 125.0
160 46.4 38.0 57.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.66 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 368091

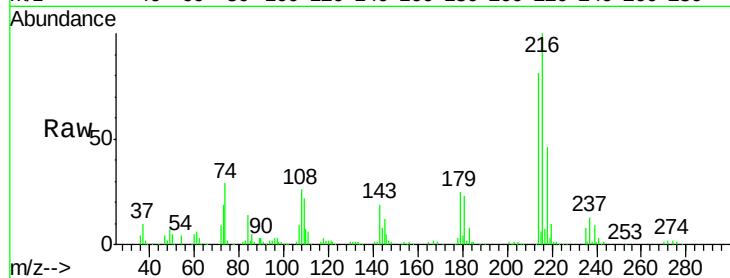
Ion Ratio Lower Upper

216 100

214 79.2 63.1 94.7

179 21.0 16.9 25.3

108 19.4 17.0 25.6

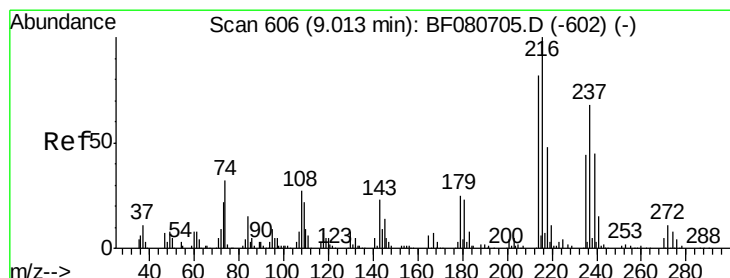
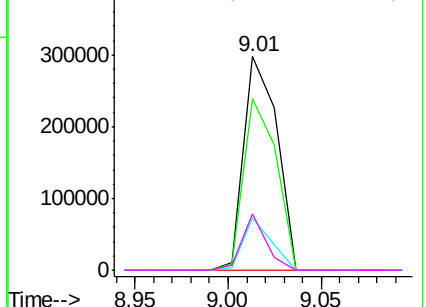
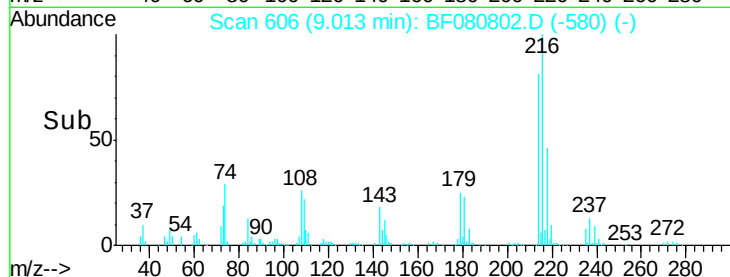


Abundance Ion 216.00 (215.70 to 216.70): E

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: 10.24 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

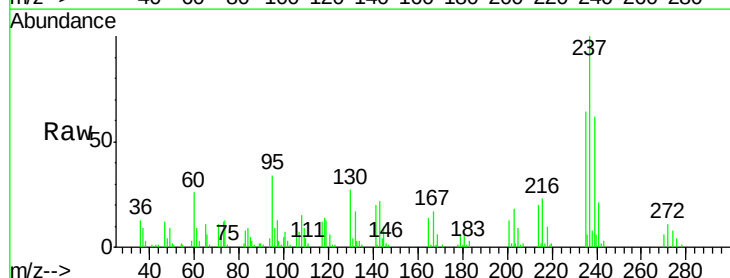
Tgt Ion:237 Resp: 61555

Ion Ratio Lower Upper

237 100

235 64.4 44.3 84.3

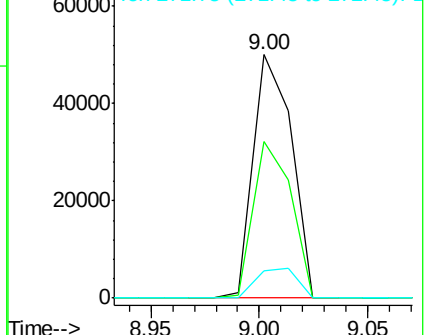
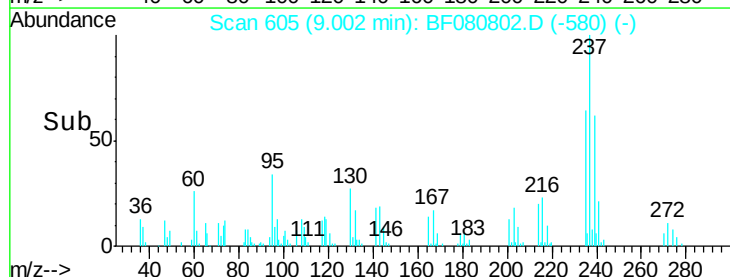
272 11.2 0.0 35.5

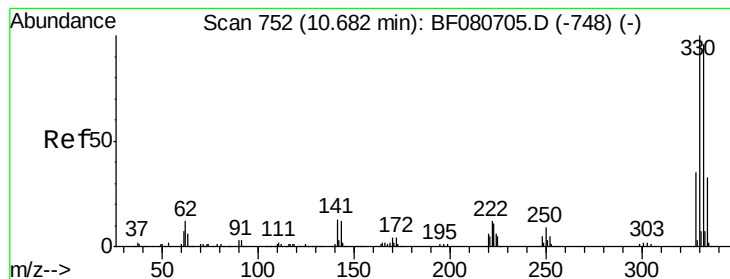


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 71.67 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

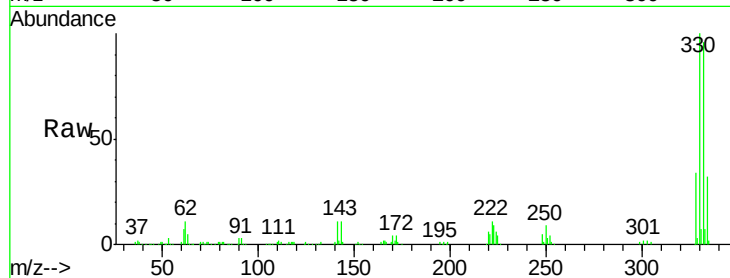
Tot Ion:330 Resp: 231440

Ion Ratio Lower Upper

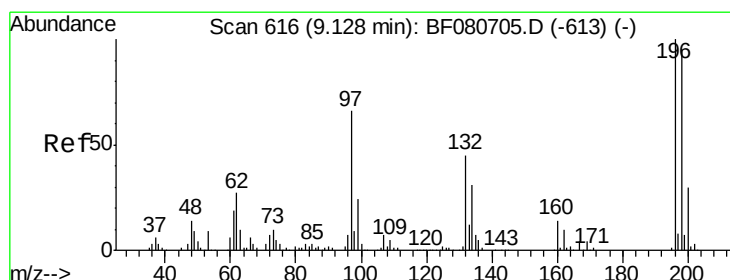
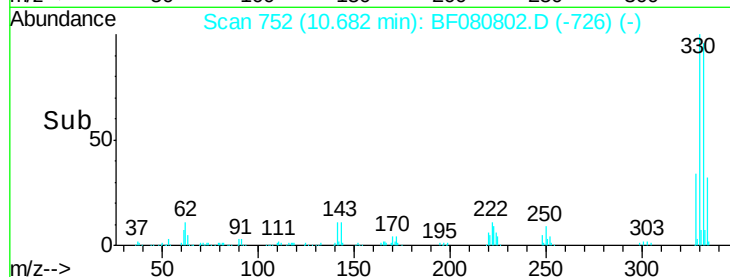
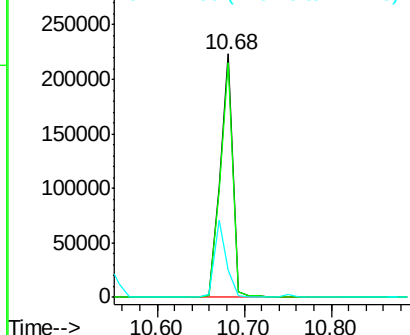
330 100

332 95.8 76.6 114.8

141 30.1 26.0 39.0



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: 36.65 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

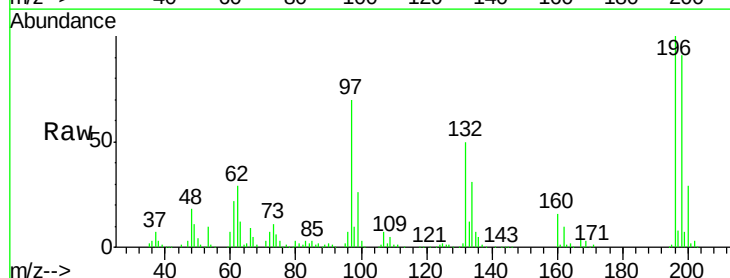
Tgt Ion:196 Resp: 249150

Ion Ratio Lower Upper

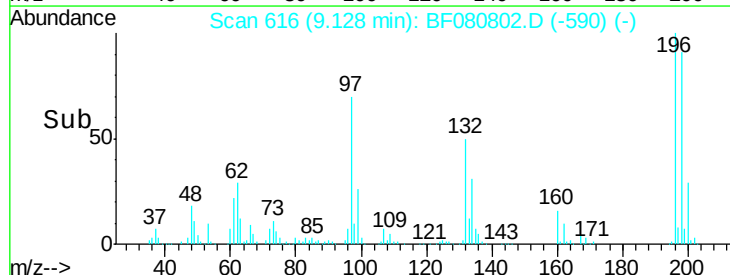
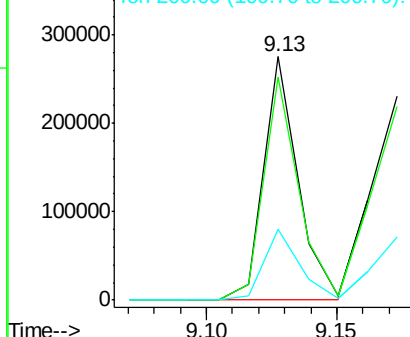
196 100

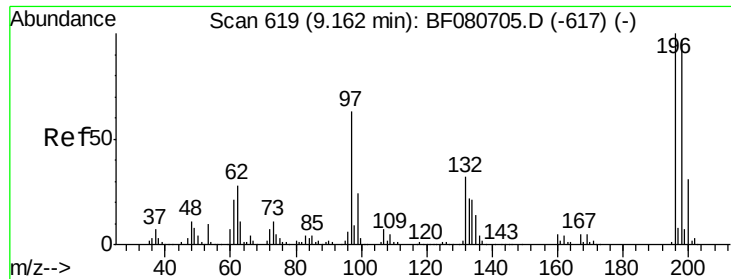
198 91.5 75.8 113.8

200 29.1 24.2 36.2



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

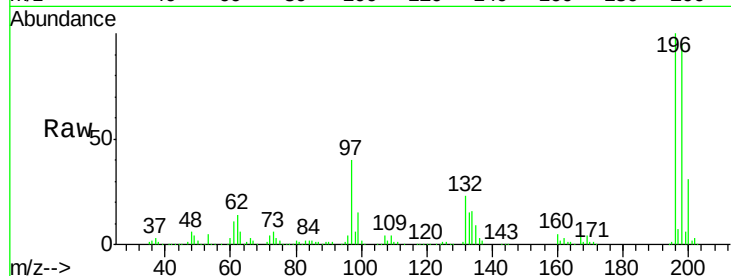




#43
 2,4,5-Trichlorophenol
 Concen: 38.33 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.8	116.8
97	39.8	49.0	73.4
132	22.9	25.4	38.0



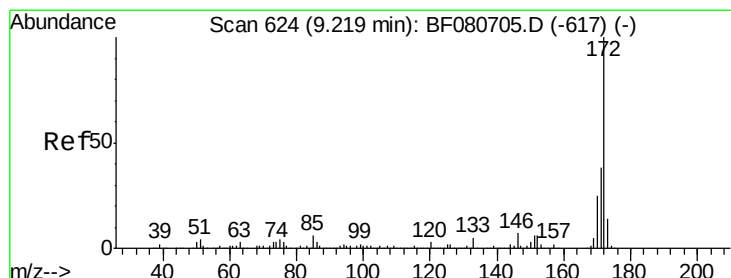
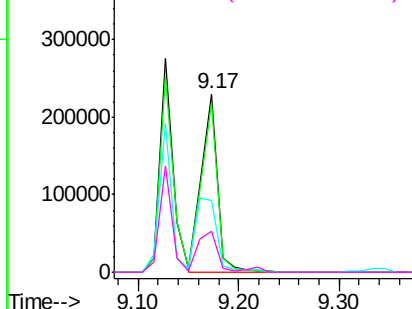
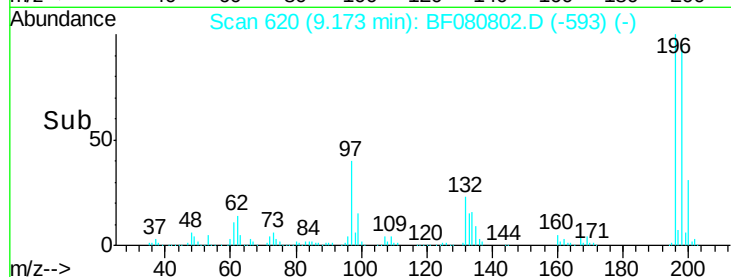
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

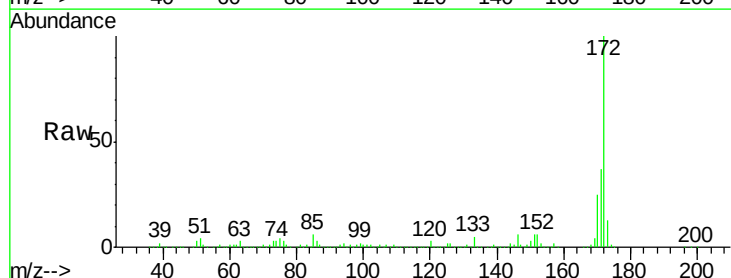
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.50 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.2	45.4
170	25.2	20.2	30.2

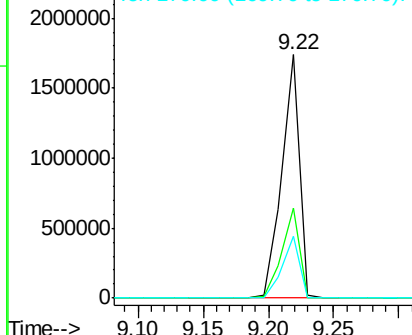
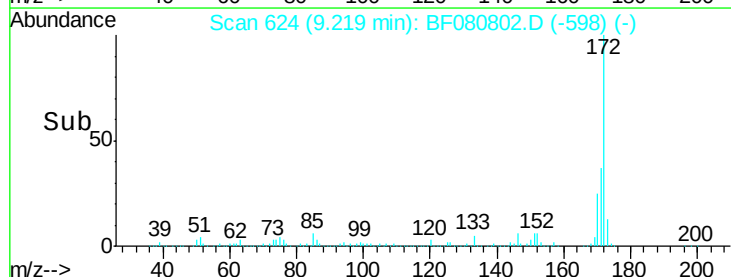


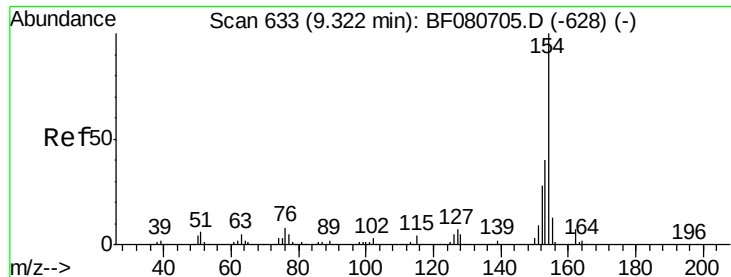
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.01 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

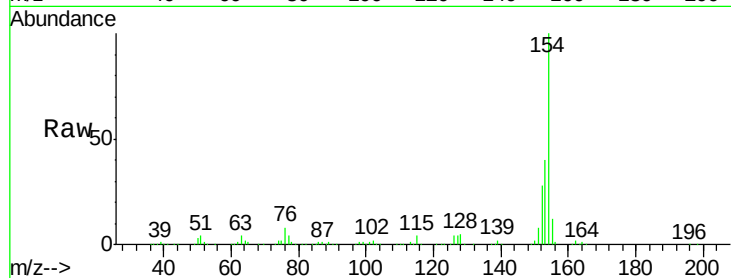
Tot Ion:154 Resp: 906998

Ion Ratio Lower Upper

154 100

153 40.1 19.9 59.9

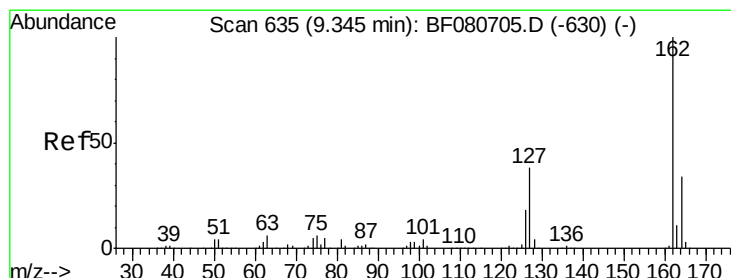
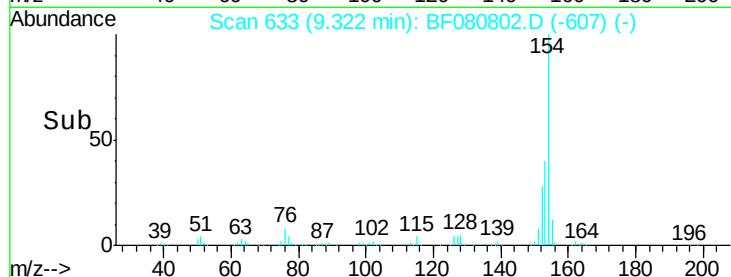
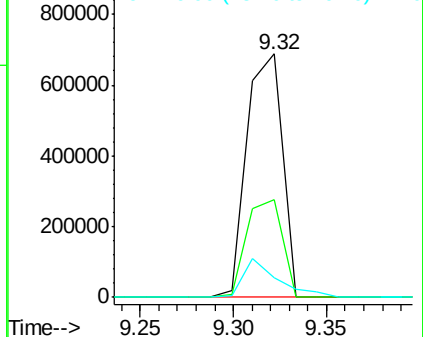
76 8.1 0.0 28.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.81 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

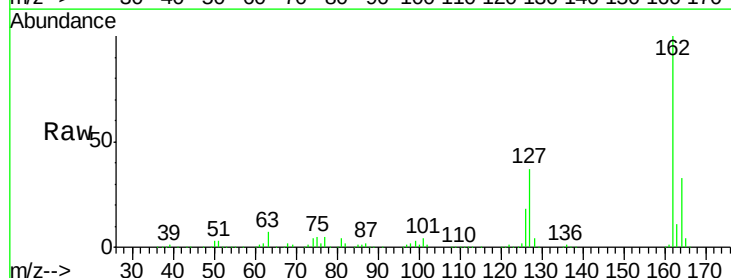
Tgt Ion:162 Resp: 736906

Ion Ratio Lower Upper

162 100

127 37.5 30.2 45.4

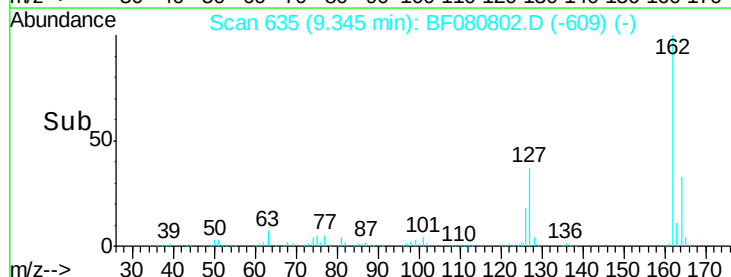
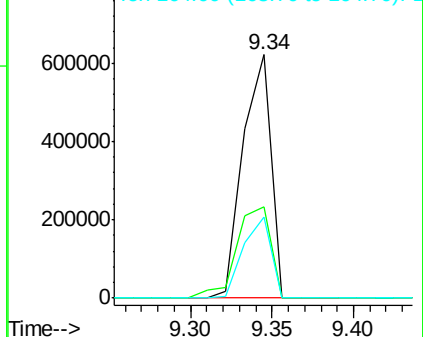
164 33.4 27.1 40.7

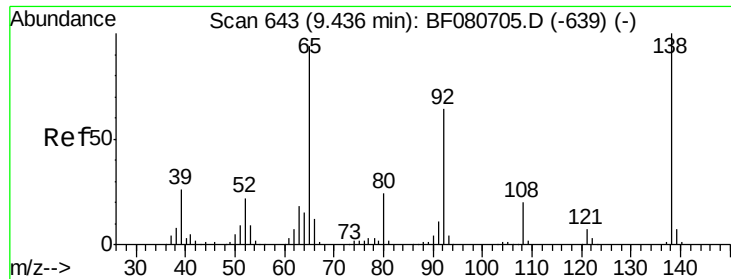


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

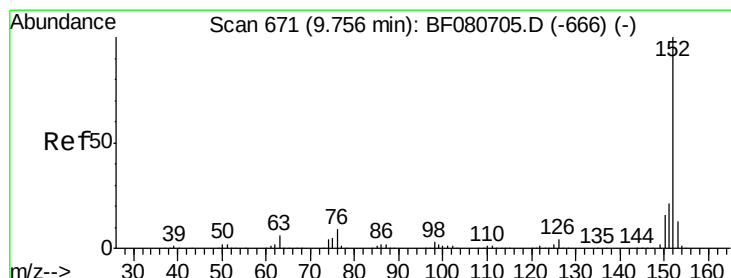
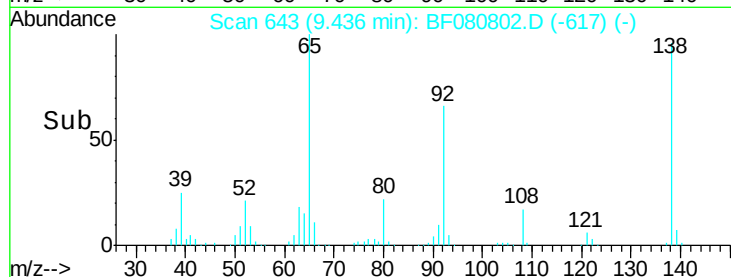
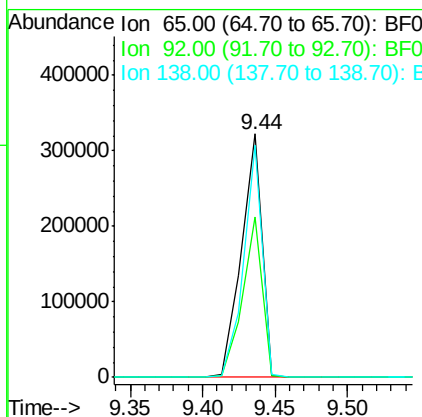
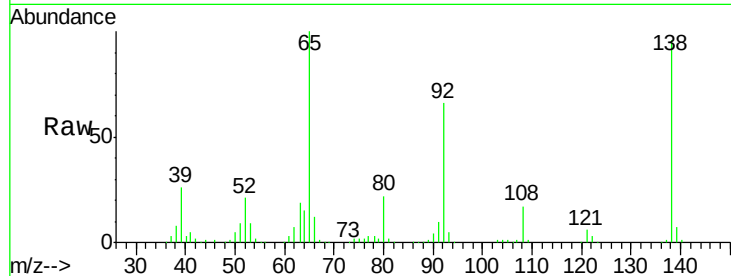




#47
2-Nitroaniline
Concen: 41.88 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

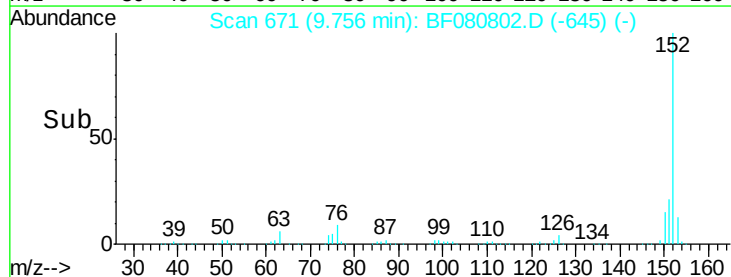
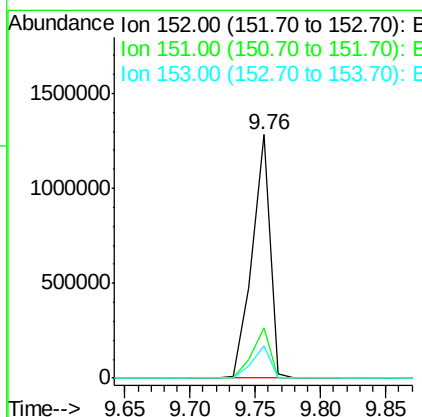
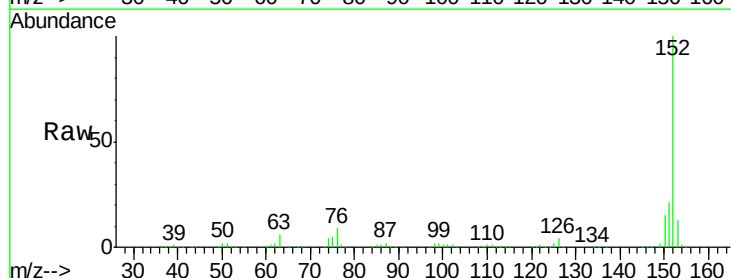
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

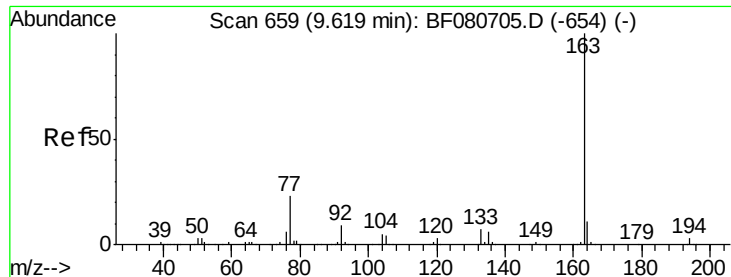
Tot Ion: 65 Resp: 317574
Ion Ratio Lower Upper
65 100
92 66.0 54.9 82.3
138 95.6 85.1 127.7



#48
Acenaphthylene
Concen: 39.52 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Tgt Ion: 152 Resp: 1224593
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.6
153 13.2 10.8 16.2

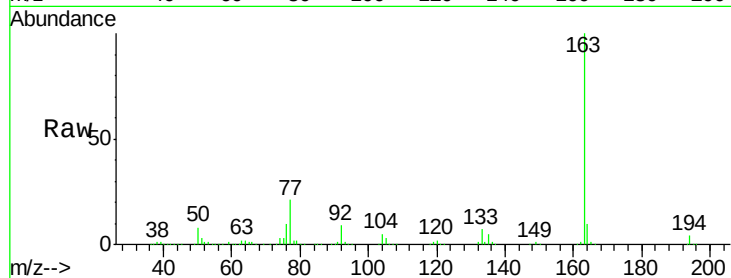




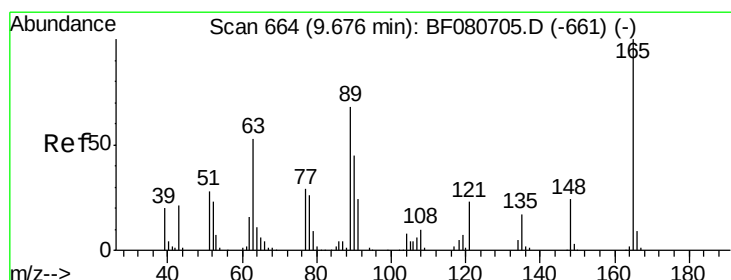
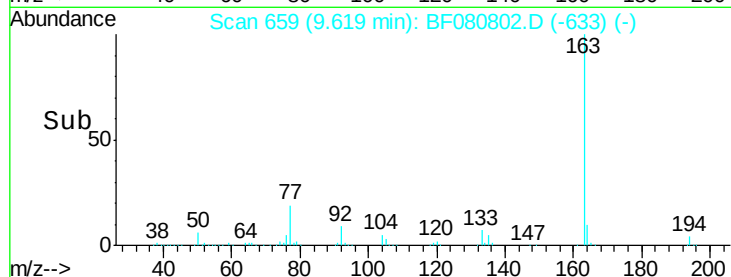
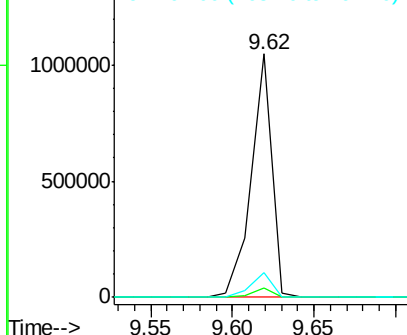
#49
Dimethylphthalate
Concen: 41.82 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:163 Resp: 917048
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.7 13.1

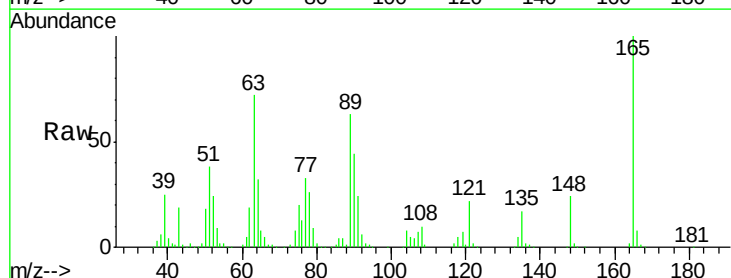


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

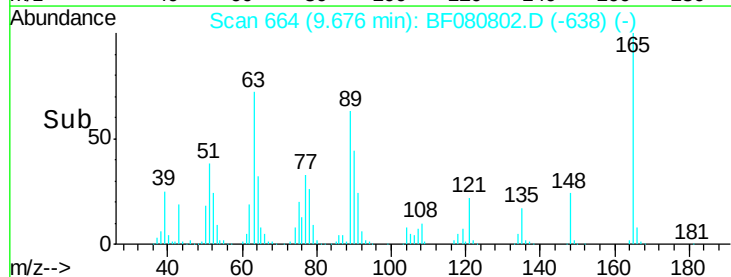
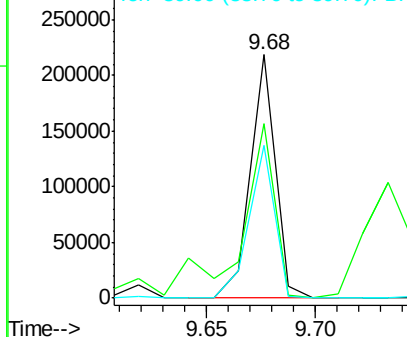


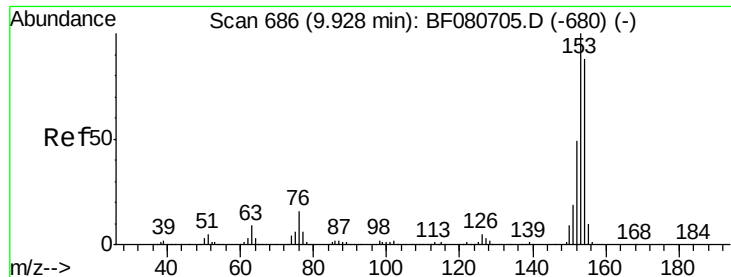
#50
2,6-Dinitrotoluene
Concen: 37.50 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Tgt Ion:165 Resp: 174523
Ion Ratio Lower Upper
165 100
63 71.9 62.3 93.5
89 62.7 54.8 82.2



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: 36.11 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

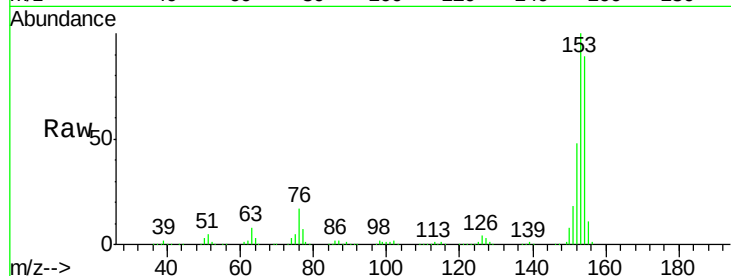
Tot Ion:154 Resp: 682624

Ion Ratio Lower Upper

154 100

153 113.0 90.7 136.1

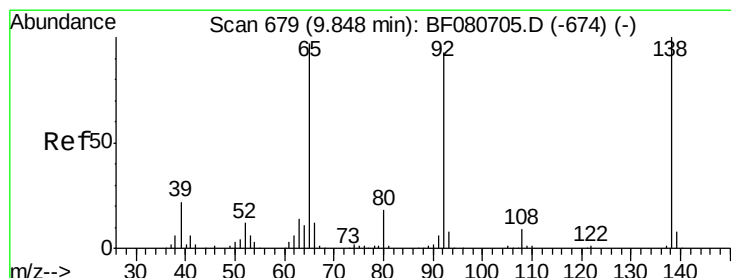
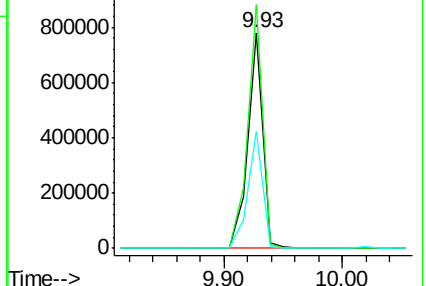
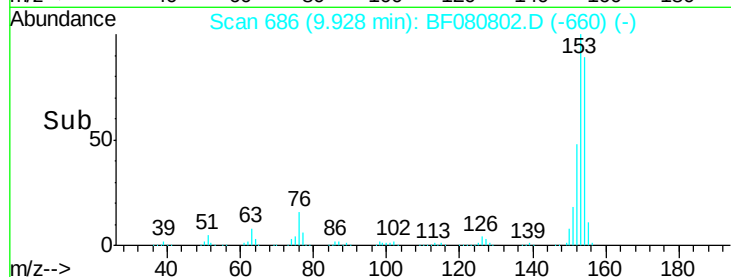
152 54.2 44.2 66.4



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: 41.81 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

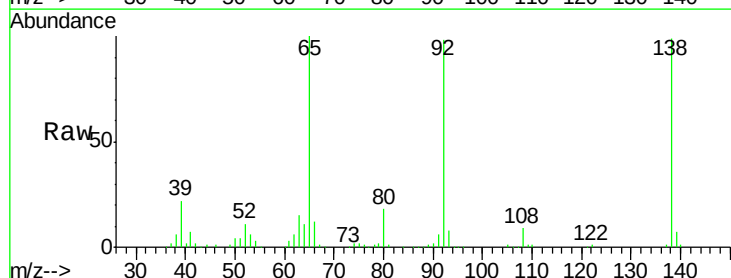
Tgt Ion:138 Resp: 224568

Ion Ratio Lower Upper

138 100

108 9.2 6.9 10.3

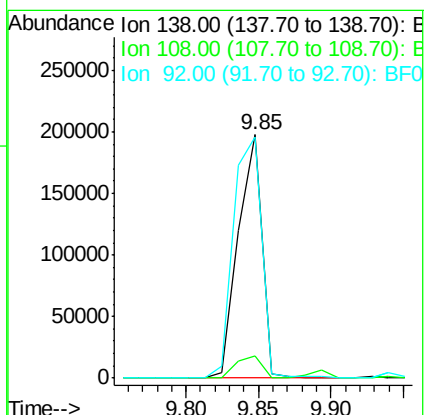
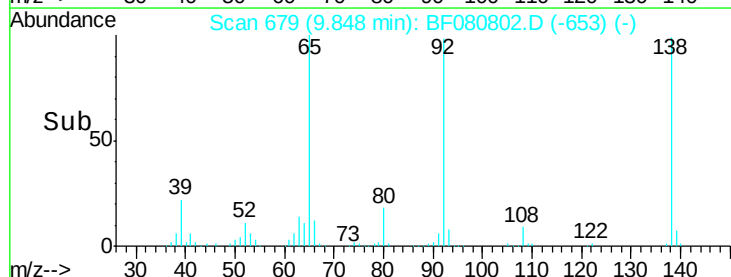
92 99.0 74.1 111.1

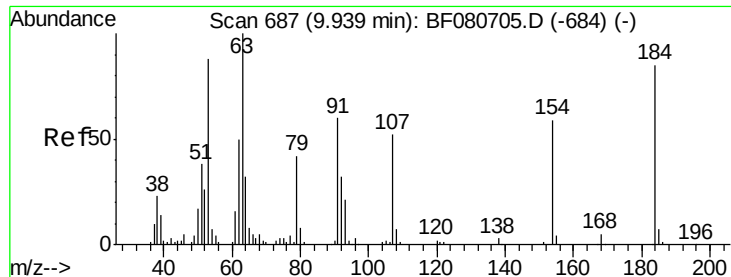


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 6.10 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

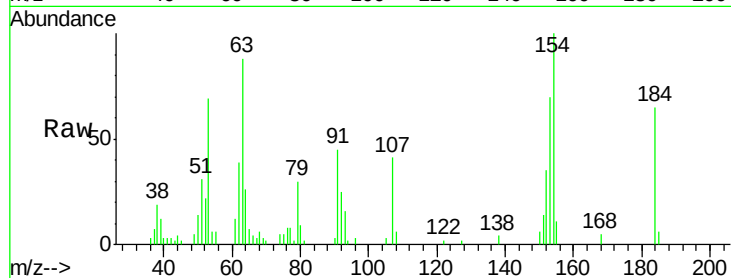
Tot Ion:184 Resp: 15130

Ion Ratio Lower Upper

184 100

63 135.0 96.0 144.0

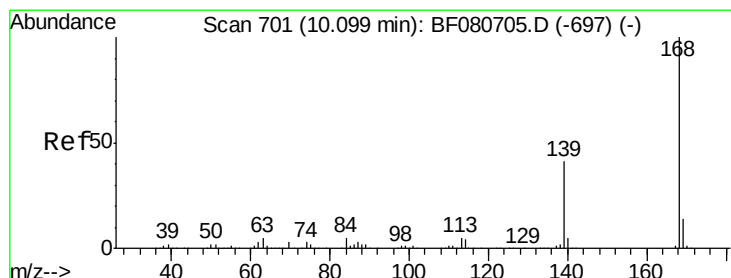
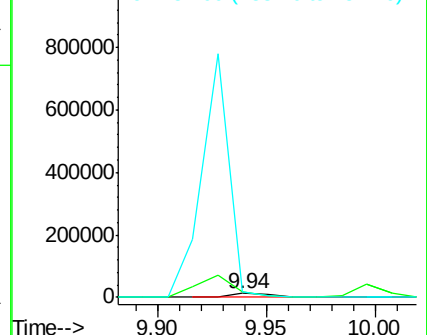
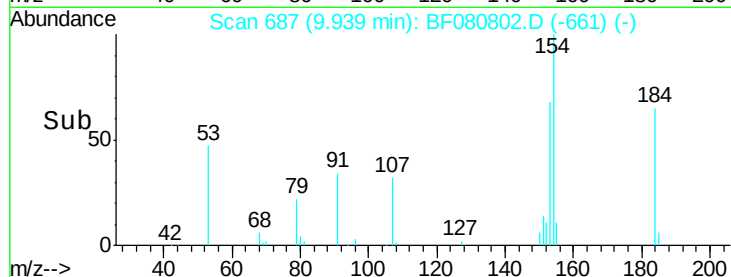
154 153.2 66.0 99.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 37.77 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

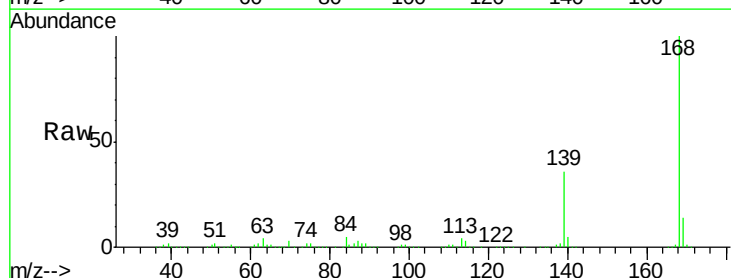
Tgt Ion:168 Resp: 955015

Ion Ratio Lower Upper

168 100

139 36.5 33.0 49.6

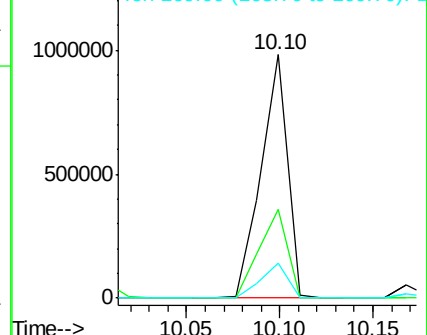
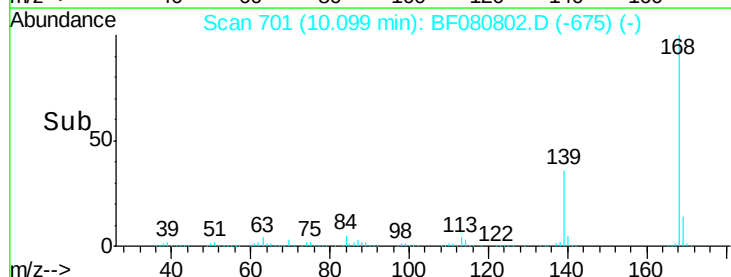
169 14.2 11.4 17.2

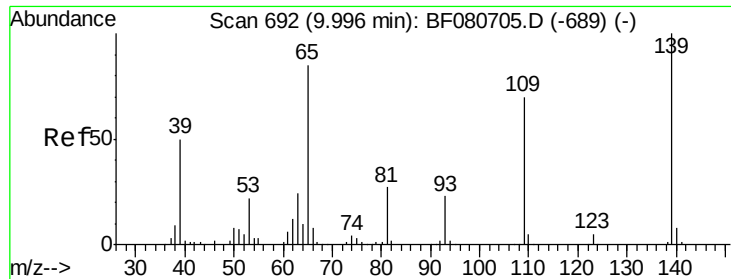


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

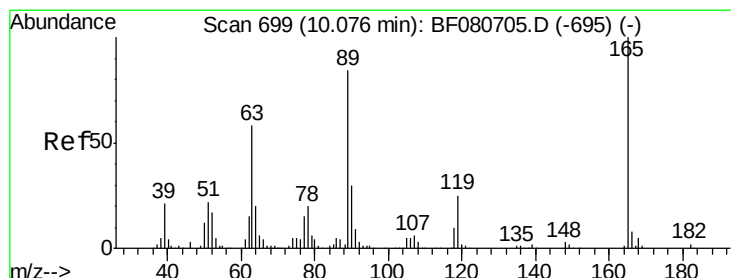
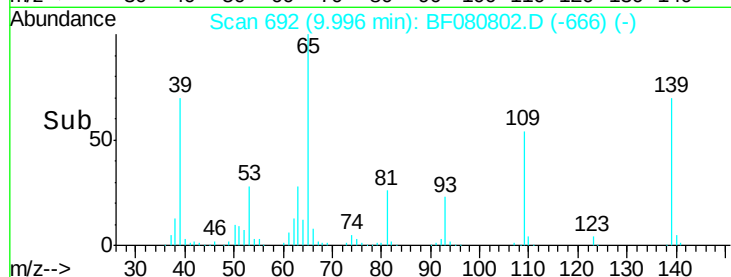
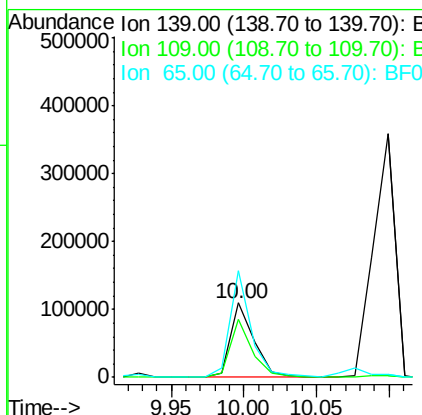
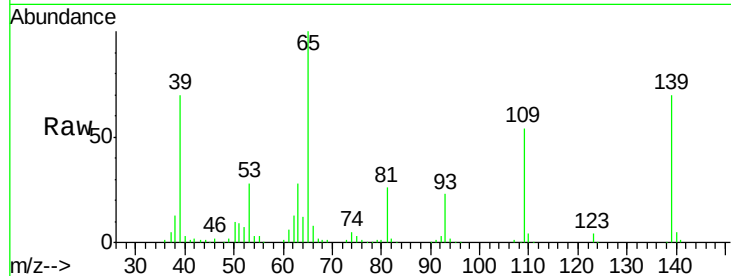




#55
4-Nitrophenol
Concen: 31.55 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

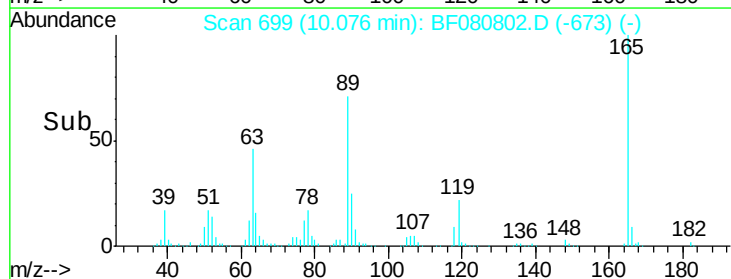
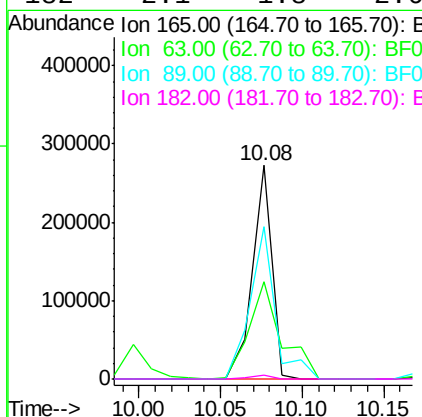
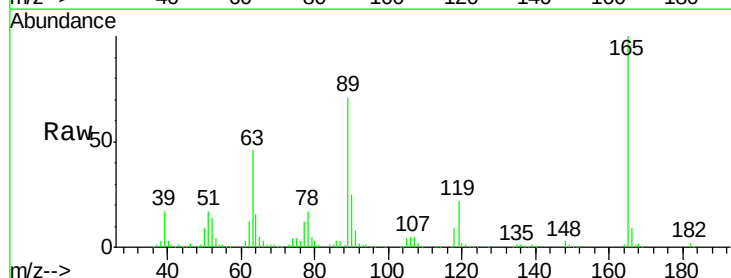
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

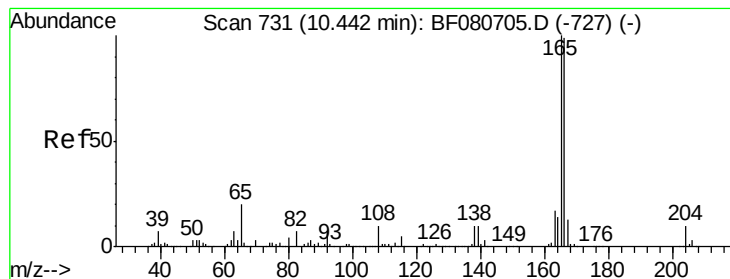
Tot Ion:139 Resp: 124823
Ion Ratio Lower Upper
139 100
109 78.0 50.4 90.4
65 143.4 66.1 106.1#



#56
2,4-Dinitrotoluene
Concen: 37.03 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Tgt Ion:165 Resp: 226030
Ion Ratio Lower Upper
165 100
63 45.7 46.7 70.1#
89 71.1 67.4 101.2
182 2.1 1.8 2.6





#57

Fluorene

Concen: 35.68 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

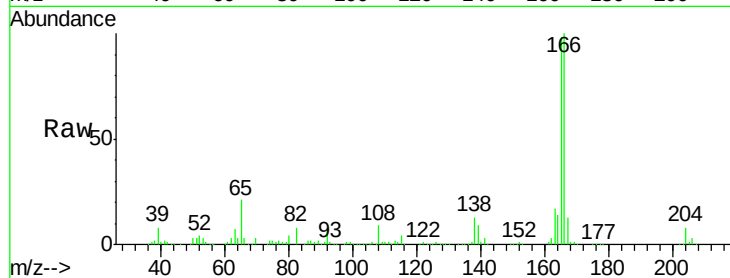
Tot Ion:166 Resp: 700242

Ion Ratio Lower Upper

166 100

165 98.0 81.0 121.4

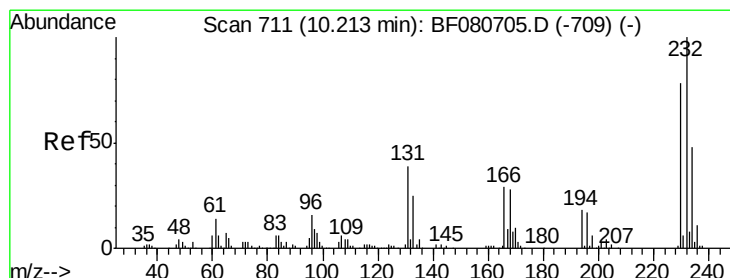
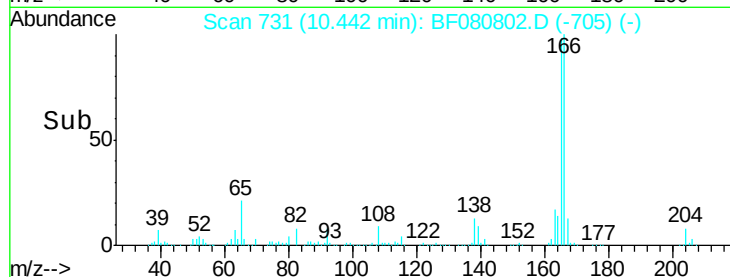
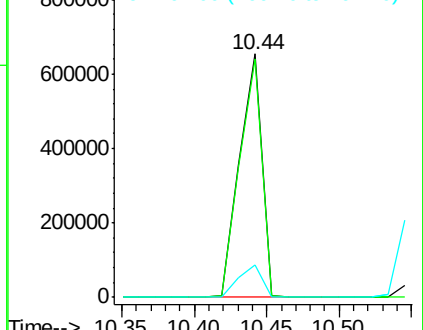
167 13.1 10.8 16.2



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: 35.71 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Tgt Ion:232 Resp: 181595

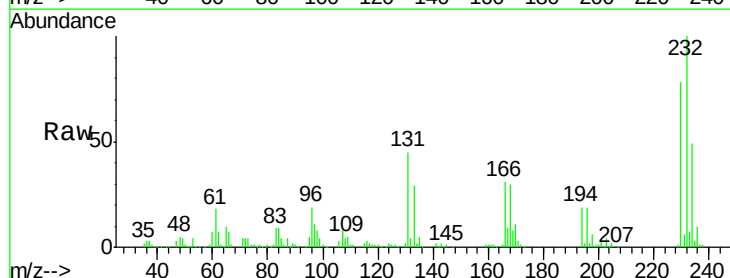
Ion Ratio Lower Upper

232 100

131 47.3 38.2 57.2

130 2.5 1.8 2.6

166 30.8 25.6 38.4

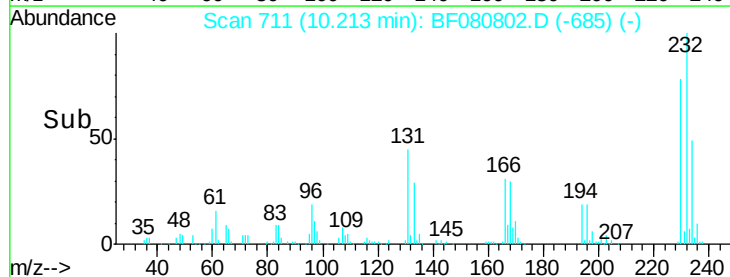
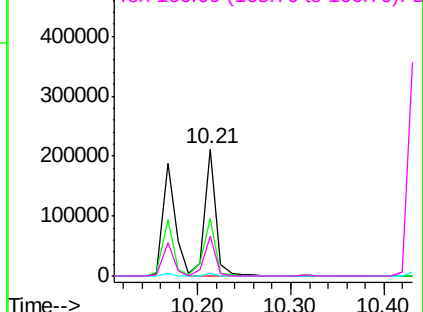


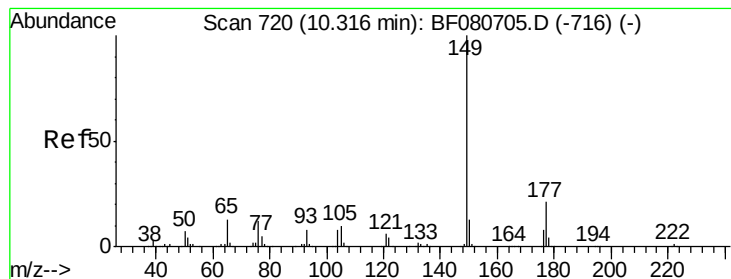
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.12 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

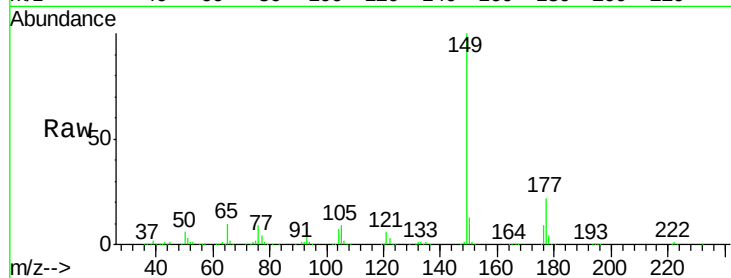
Tot Ion:149 Resp: 826940

Ion Ratio Lower Upper

149 100

177 22.2 16.6 25.0

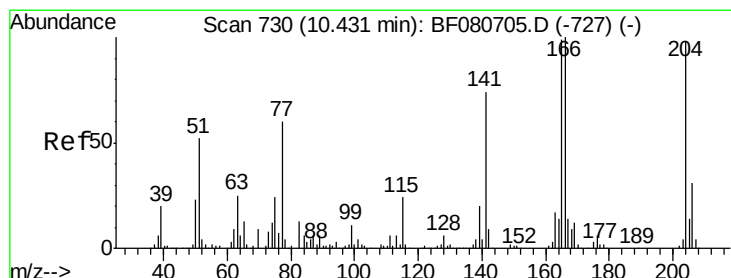
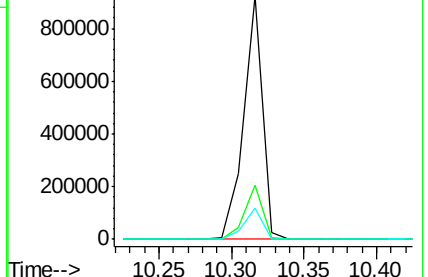
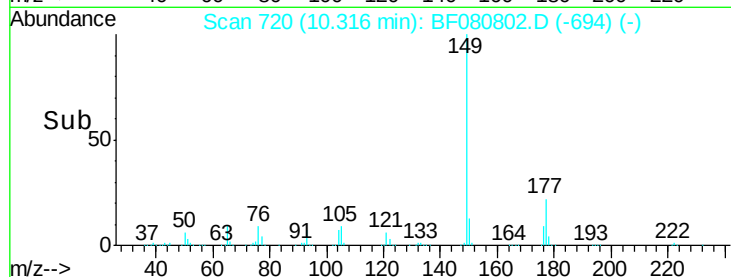
150 12.7 10.2 15.4



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: 38.13 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

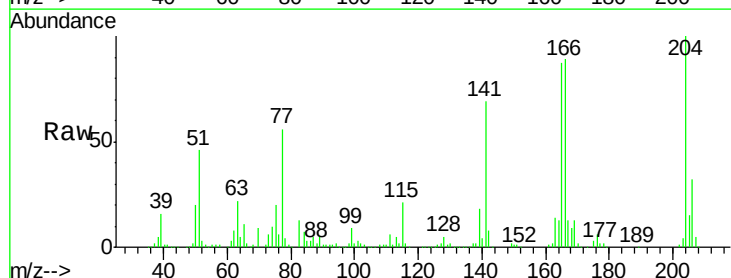
Tgt Ion:204 Resp: 325785

Ion Ratio Lower Upper

204 100

206 32.3 25.1 37.7

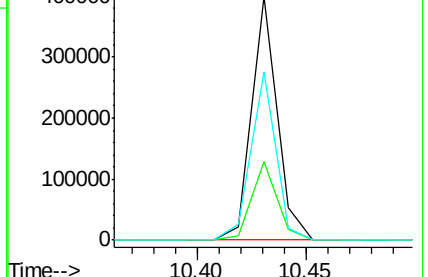
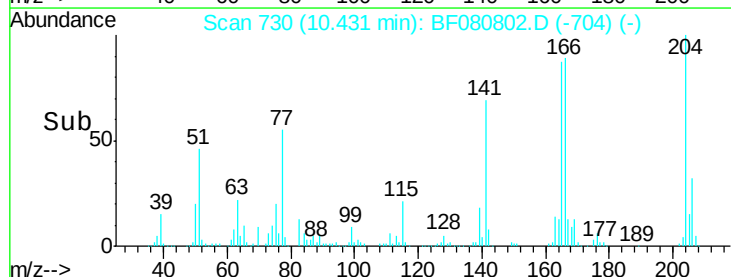
141 68.8 60.3 90.5

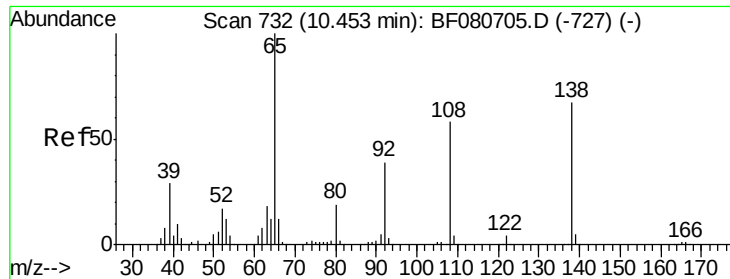


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

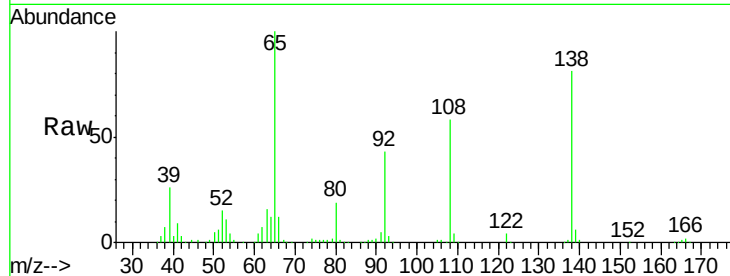




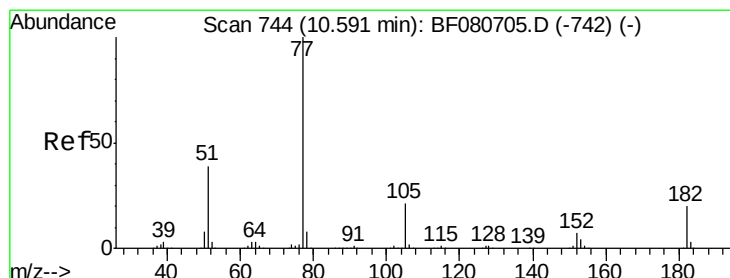
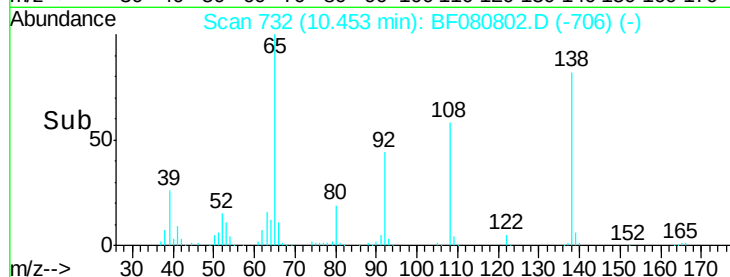
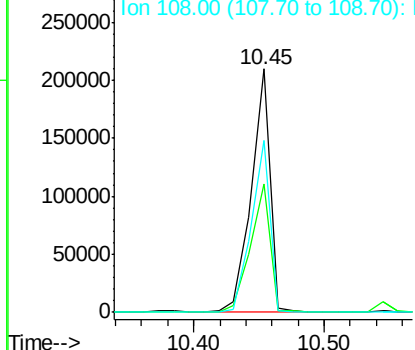
#61
4-Nitroaniline
Concen: 43.22 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:138 Resp: 209568
Ion Ratio Lower Upper
138 100
92 52.9 38.2 78.2
108 70.8 66.3 106.3

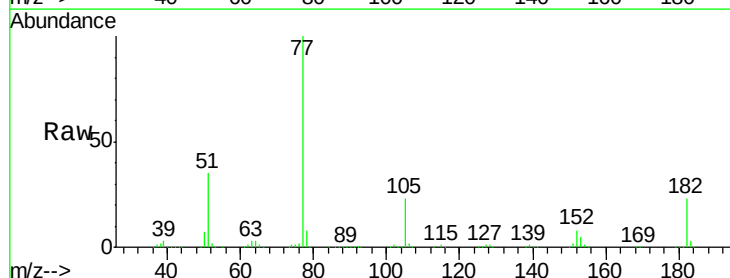


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

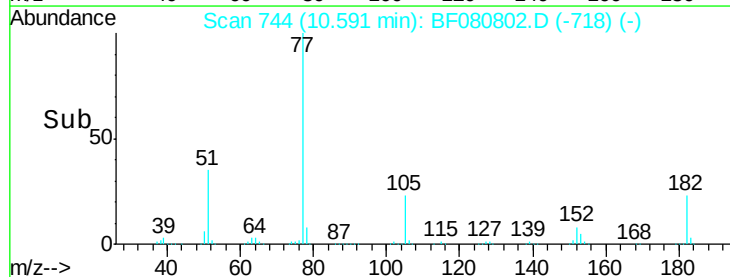
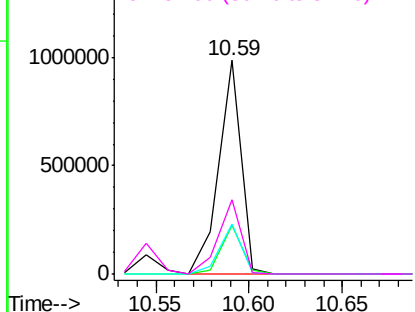


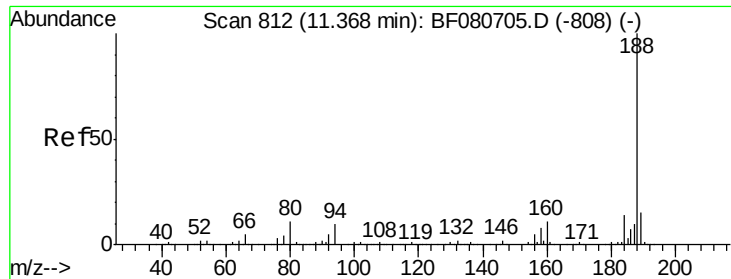
#62
Azobenzene
Concen: 36.17 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Tgt Ion: 77 Resp: 828379
Ion Ratio Lower Upper
77 100
182 22.5 0.0 39.9
105 23.5 1.1 41.1
51 34.6 18.9 58.9



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: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

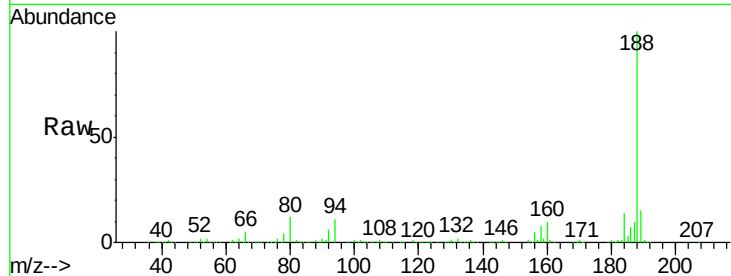
Tot Ion:188 Resp: 489209

Ion Ratio Lower Upper

188 100

94 11.4 8.1 12.1

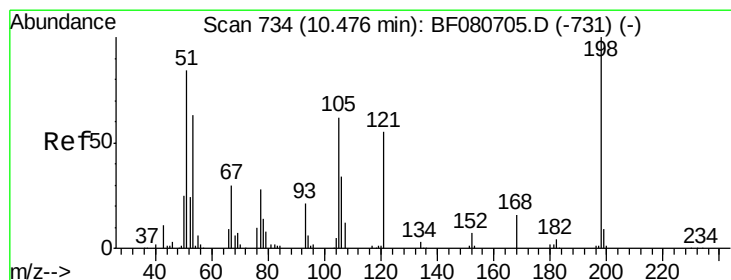
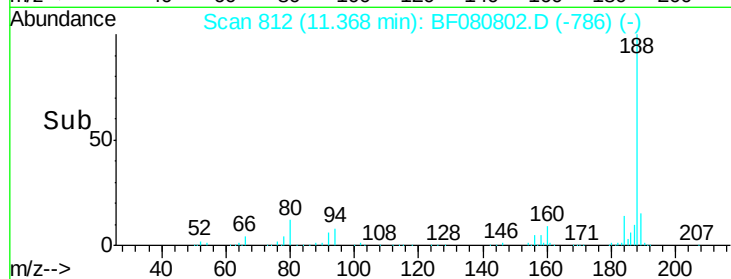
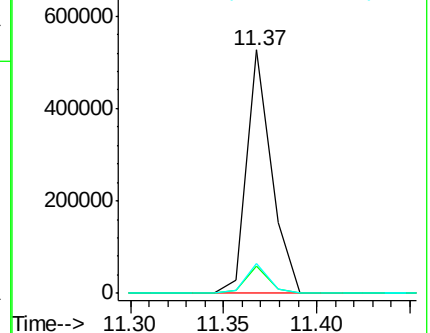
80 12.4 9.1 13.7



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: 8.99 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

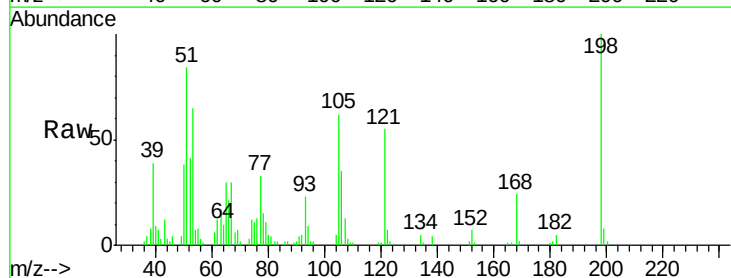
Tgt Ion:198 Resp: 26495

Ion Ratio Lower Upper

198 100

51 83.7 84.6 124.6#

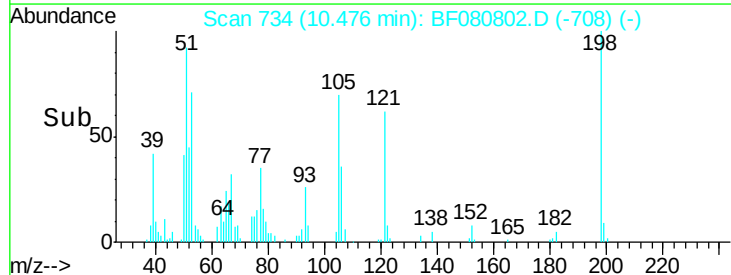
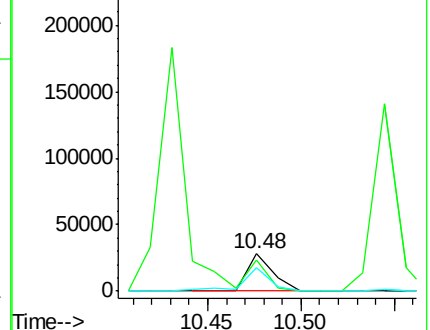
105 62.0 43.0 83.0

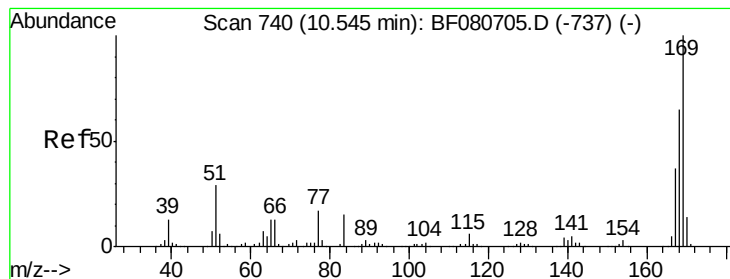


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

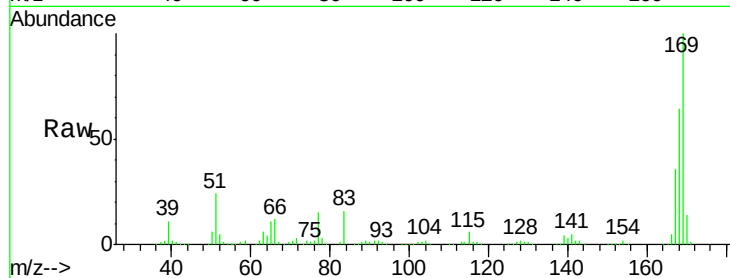




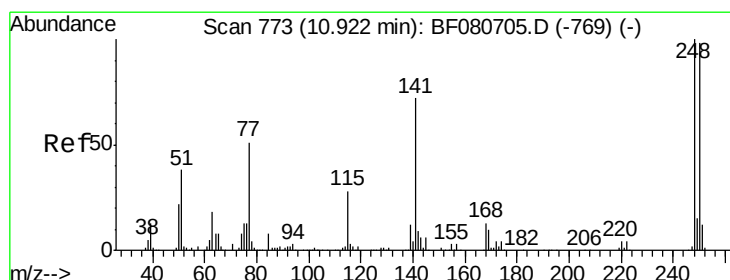
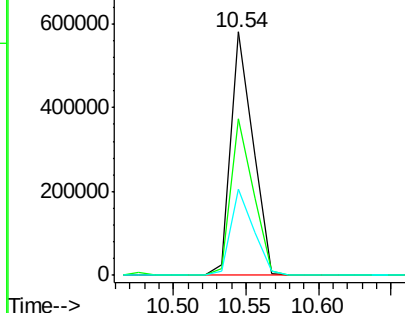
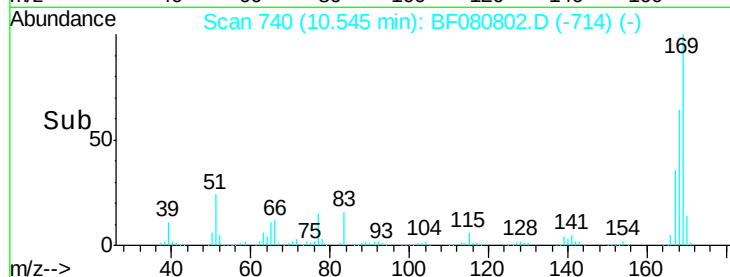
#65
 n-Nitrosodiphenylamine
 Concen: 38.34 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.2	52.1	78.1
167	35.6	29.3	43.9

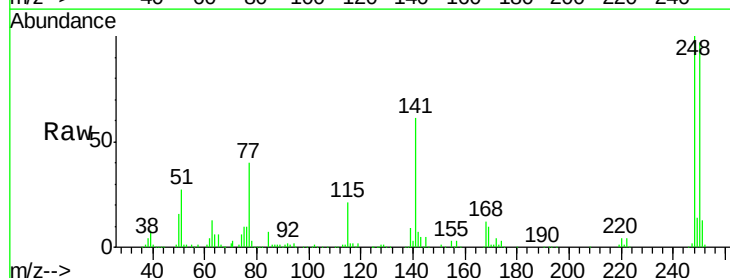


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

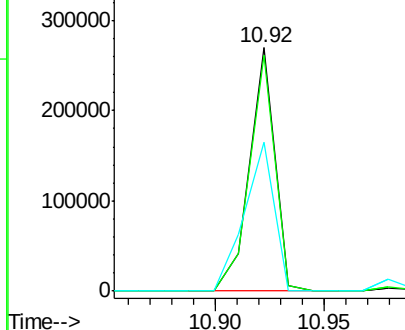
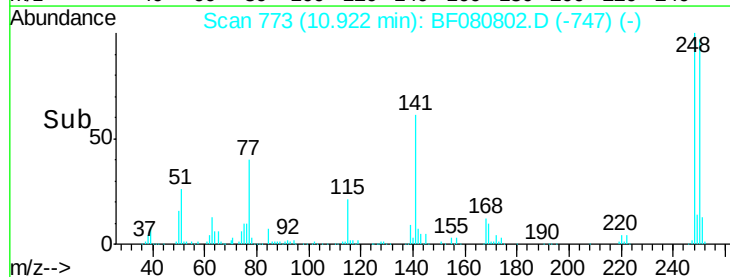


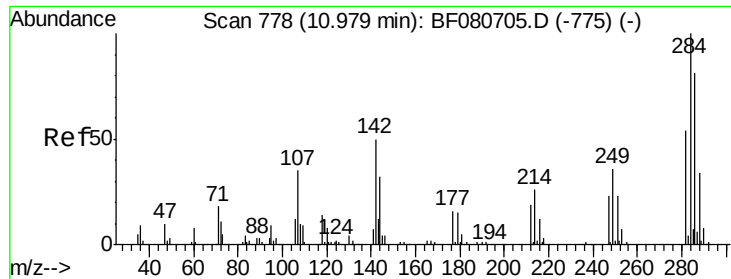
#66
 4-Bromophenyl-phenylether
 Concen: 43.17 ng
 RT: 10.92 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.4	117.6
141	61.4	57.5	86.3



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

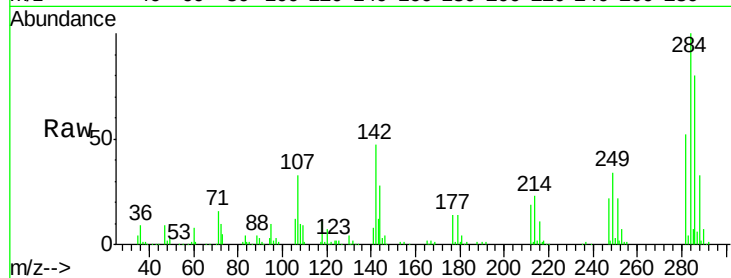




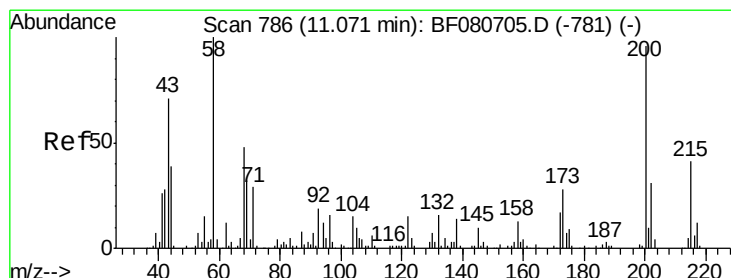
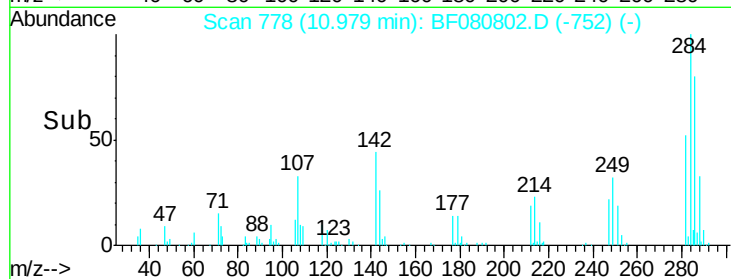
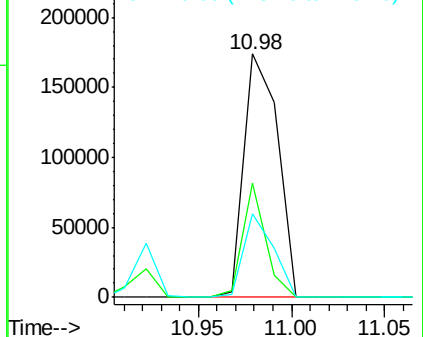
#67
Hexachlorobenzene
Concen: 37.31 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
284	100		
142	47.1	39.8	59.6
249	34.1	28.7	43.1

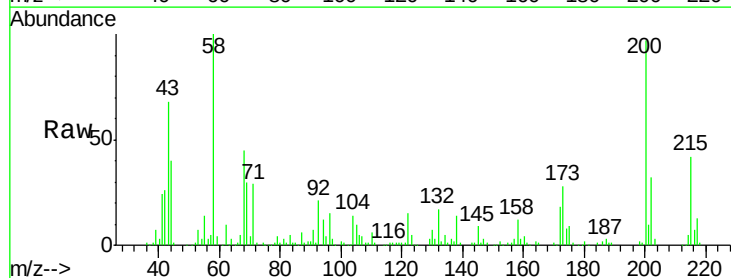


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

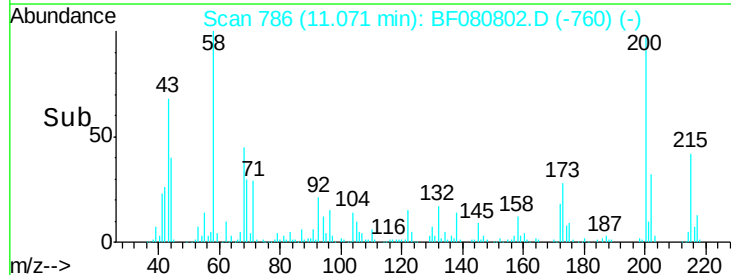
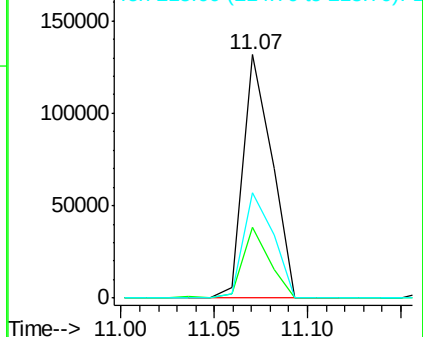


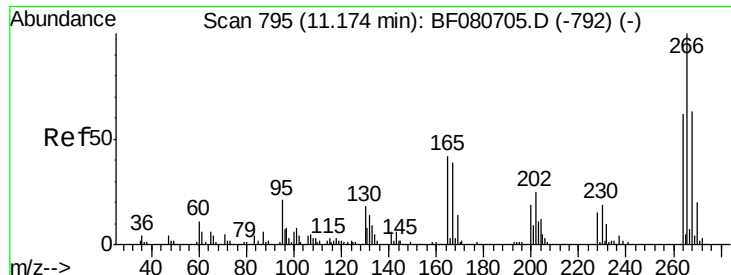
#68
Atrazine
Concen: 33.81 ng
RT: 11.07 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.9	8.6	48.6
215	43.4	22.2	62.2



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

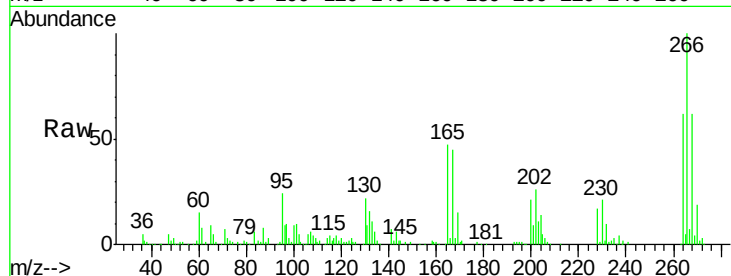




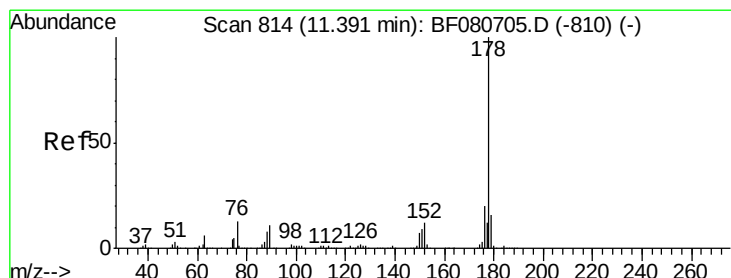
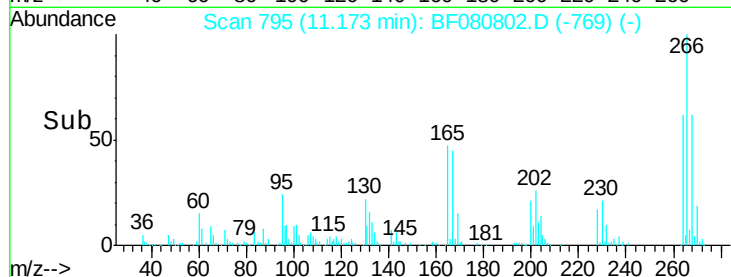
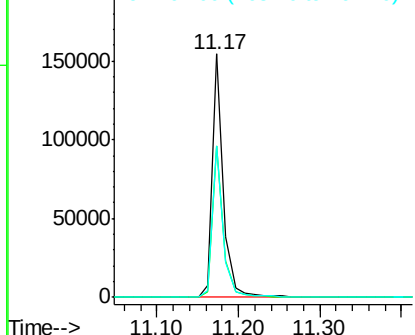
#69
 Pentachlorophenol
 Concen: 41.90 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 148045
 Ion Ratio Lower Upper
 266 100
 268 62.2 50.5 75.7
 264 62.0 50.0 75.0

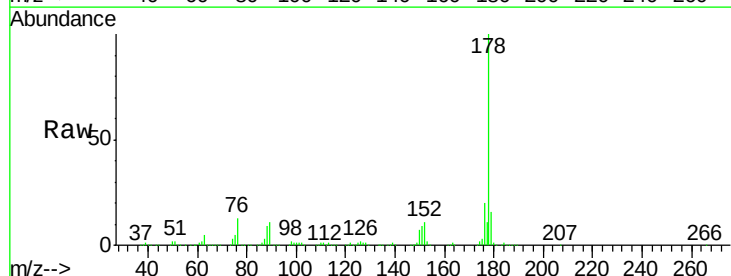


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

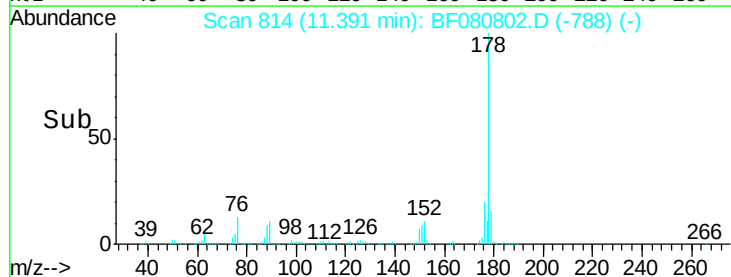
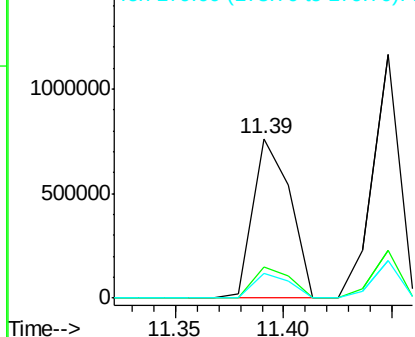


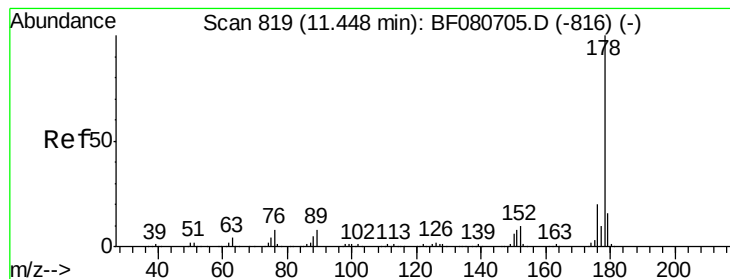
#70
 Phenanthrene
 Concen: 36.92 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Tgt Ion:178 Resp: 909856
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 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





#71

Anthracene

Concen: 40.85 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

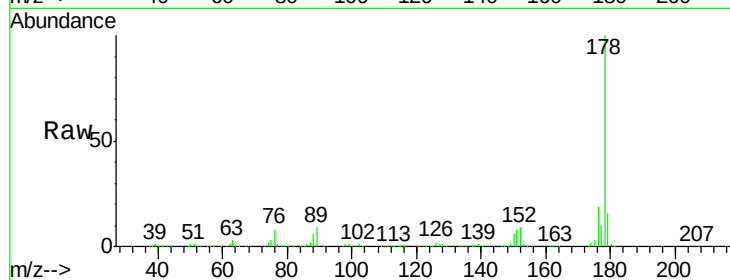
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:178 Resp: 989192

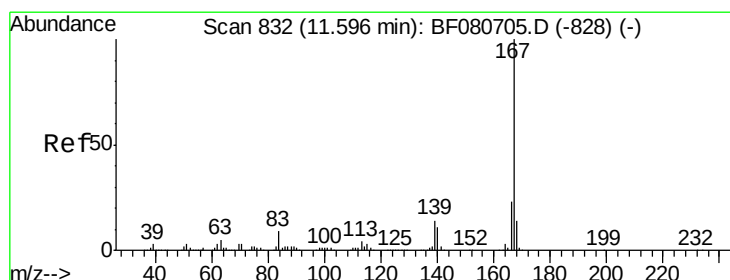
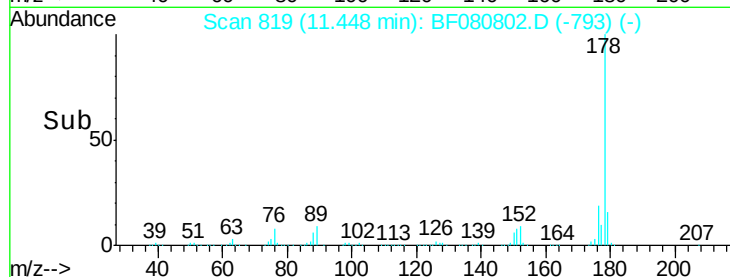
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.5	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.18 ng

RT: 11.60 min Scan# 832

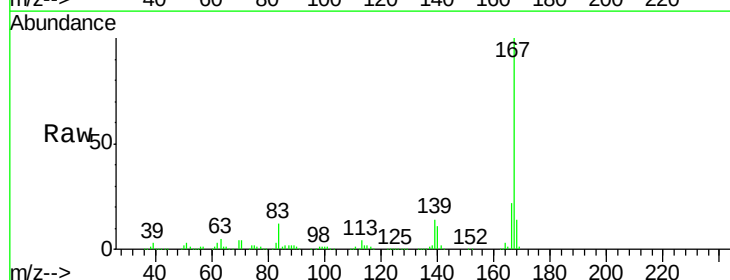
Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Tgt Ion:167 Resp: 823445

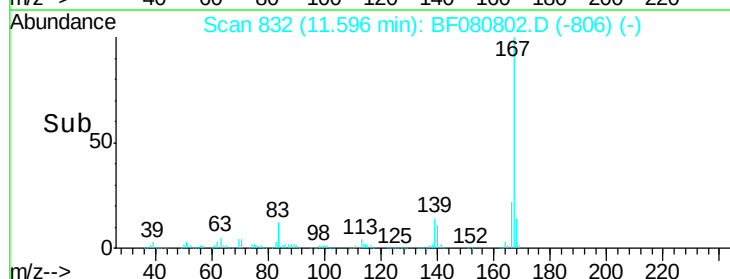
Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.4
139	14.1	11.5	17.3

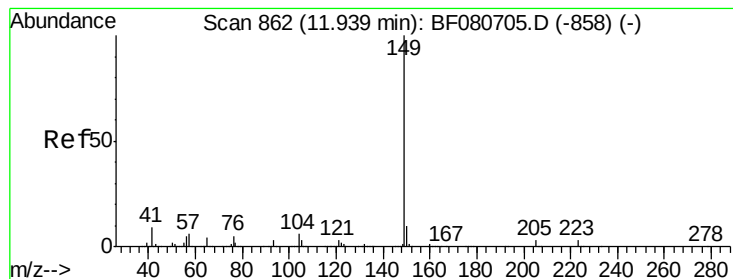


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.52 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

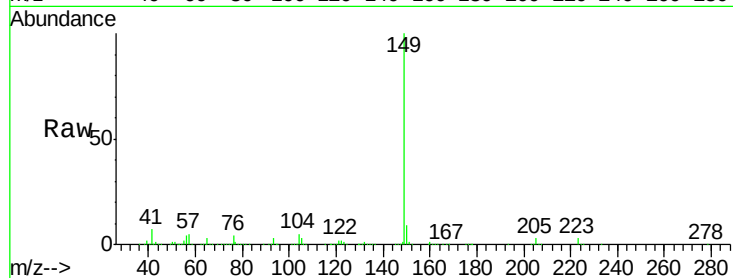
Tot Ion:149 Resp: 1186476

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

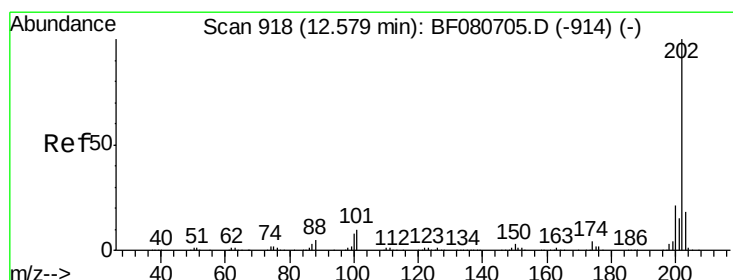
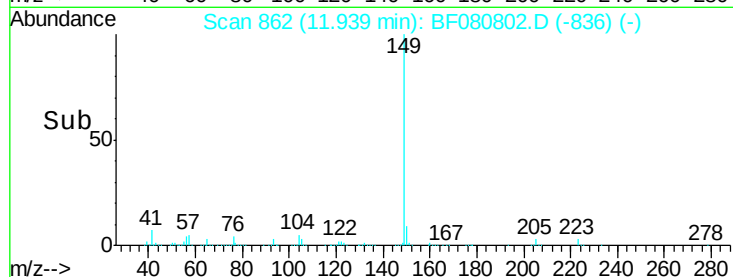
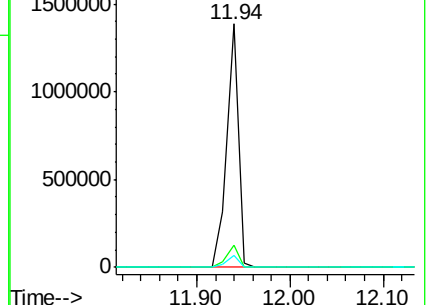
104 4.7 4.4 6.6



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: 44.08 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

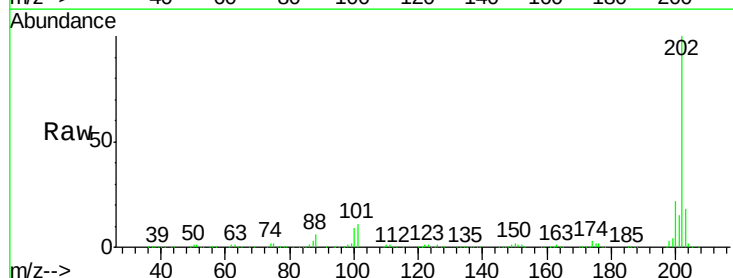
Tgt Ion:202 Resp: 1050403

Ion Ratio Lower Upper

202 100

101 11.5 0.0 29.6

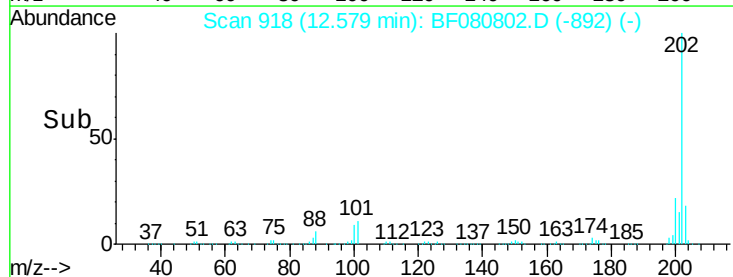
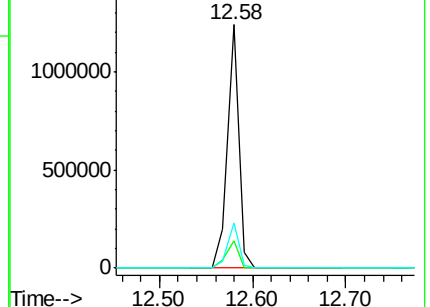
203 18.4 0.0 37.8

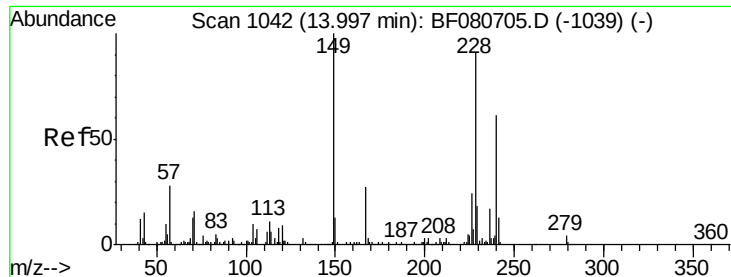


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

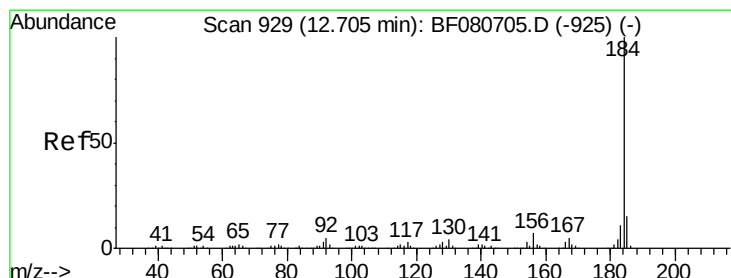
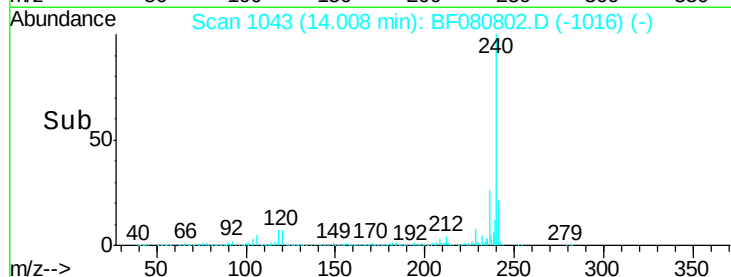
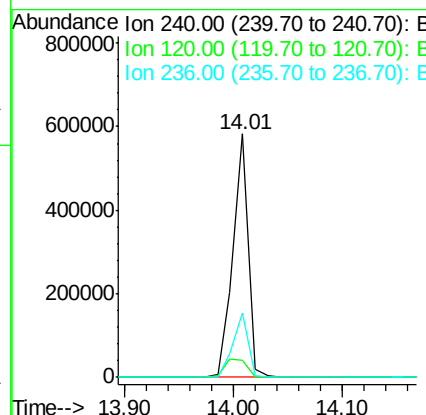
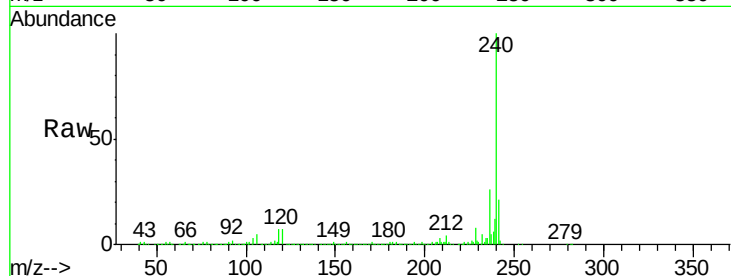




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

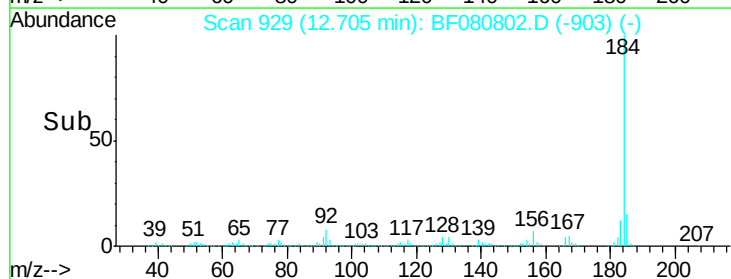
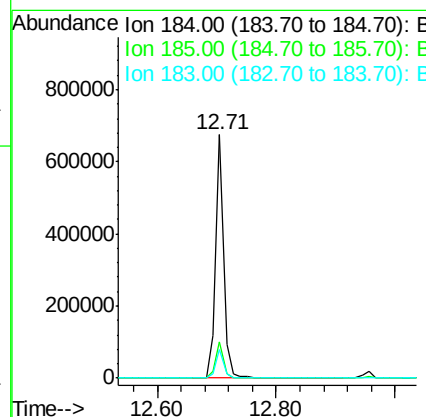
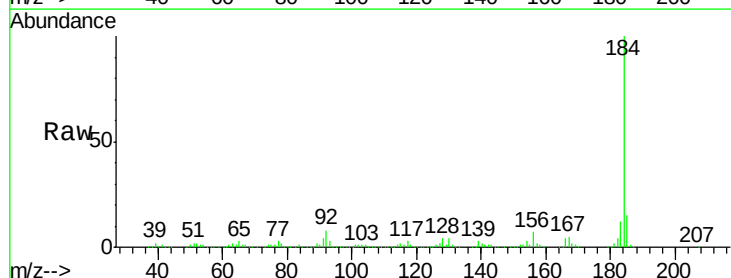
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

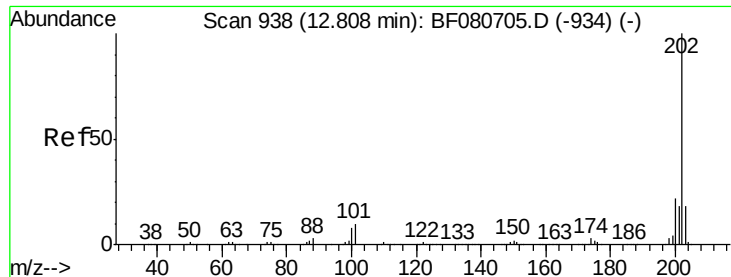
Tot Ion:240 Resp: 563549
Ion Ratio Lower Upper
240 100
120 7.1 11.8 17.8#
236 26.2 21.8 32.8



#76
Benzidine
Concen: 30.78 ng
RT: 12.71 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Tgt Ion:184 Resp: 631480
Ion Ratio Lower Upper
184 100
185 14.6 12.0 18.0
183 11.8 9.1 13.7



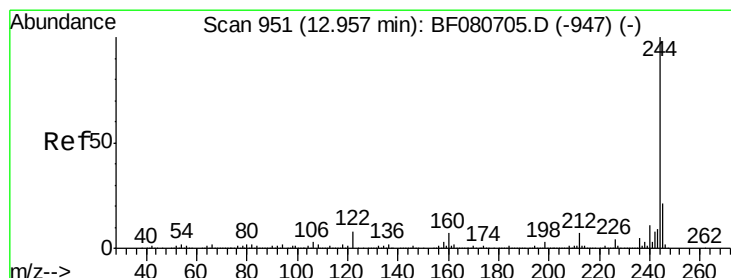
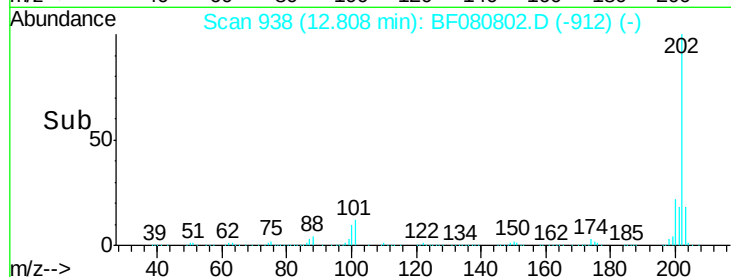
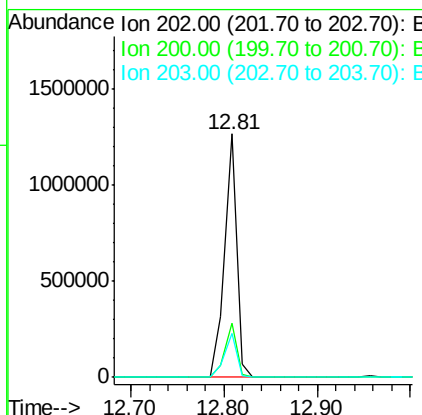
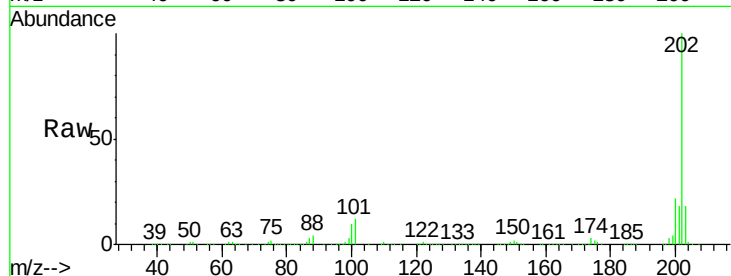


#77
 Pvrene
 Concen: 26.17 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:202 Resp: 1143651

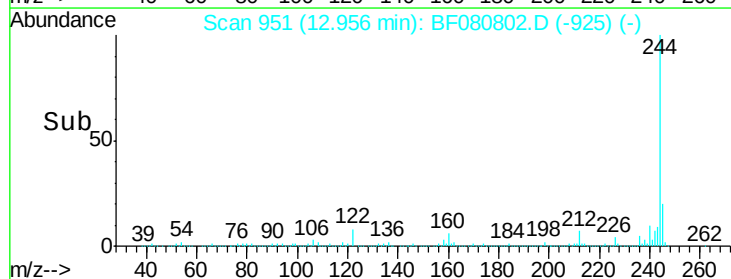
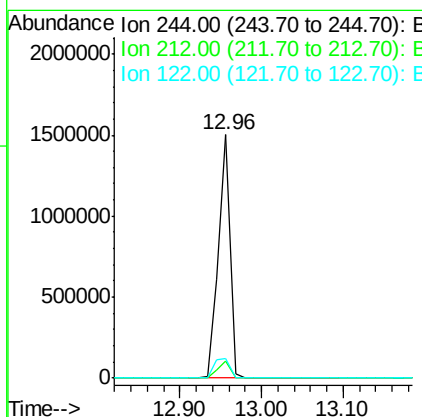
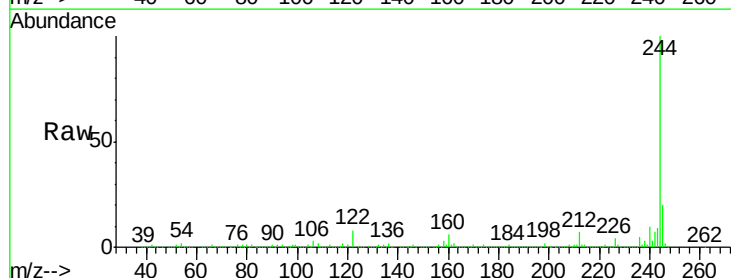
Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.2	14.2	21.2

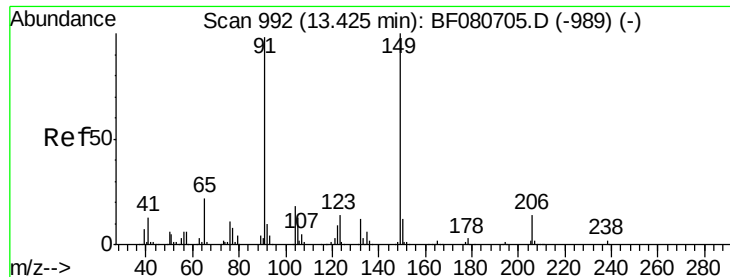


#78
 Terphenyl-d14
 Concen: 49.68 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Tgt Ion:244 Resp: 1480281

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	8.1	6.6	9.8





#79

Butylbenzylphthalate

Concen: 26.59 ng

RT: 13.43 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

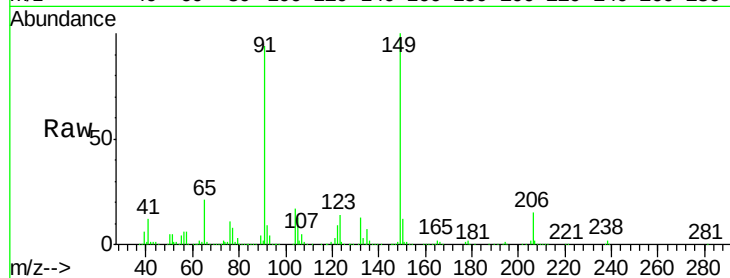
Tot Ion:149 Resp: 469216

Ion Ratio Lower Upper

149 100

91 94.4 78.6 118.0

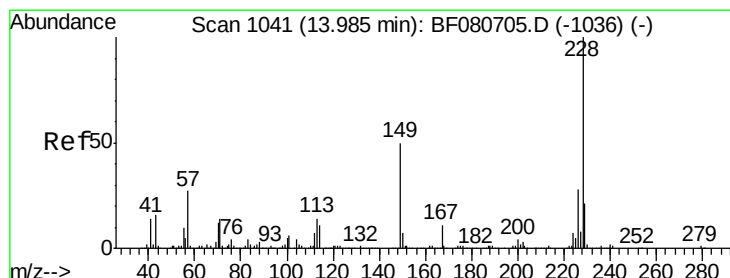
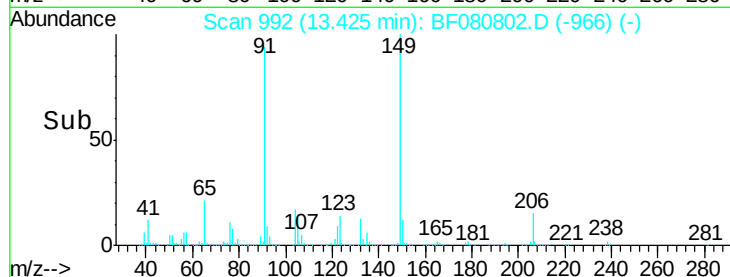
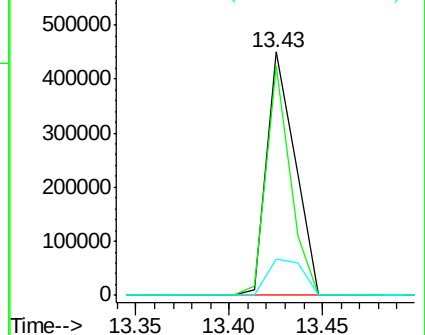
206 15.0 11.4 17.2



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: 35.34 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

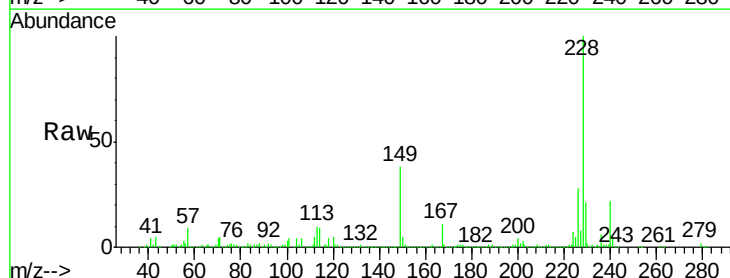
Tgt Ion:228 Resp: 1197700

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

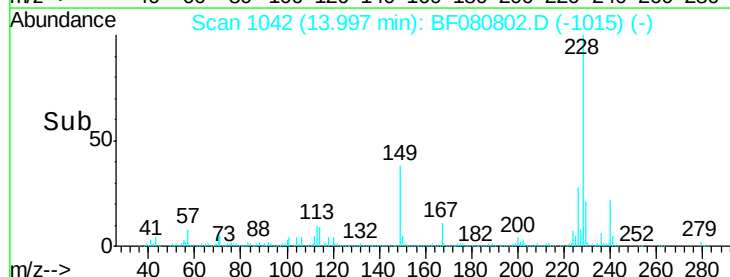
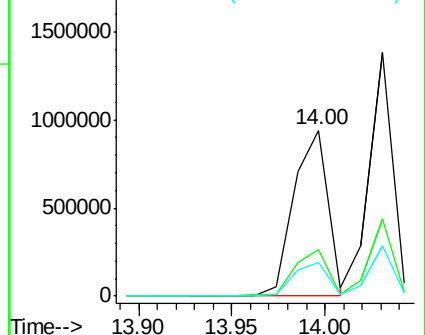
229 20.6 16.6 25.0

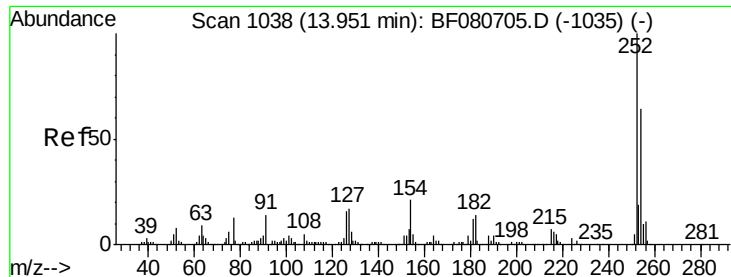


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

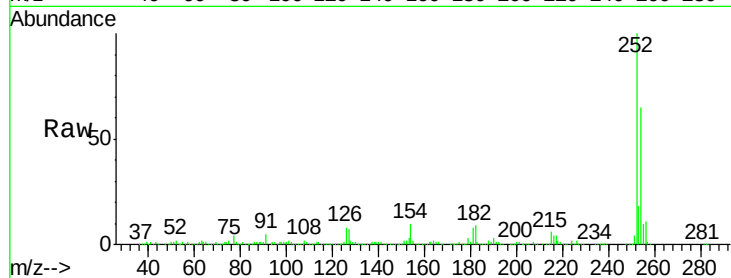




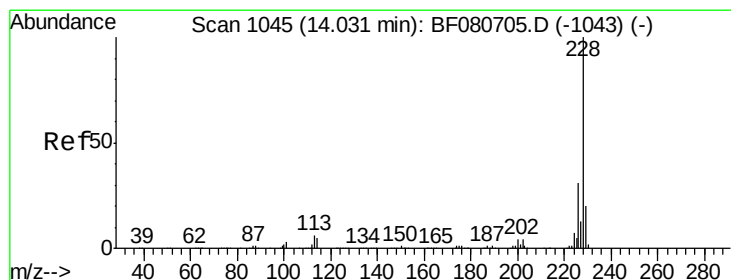
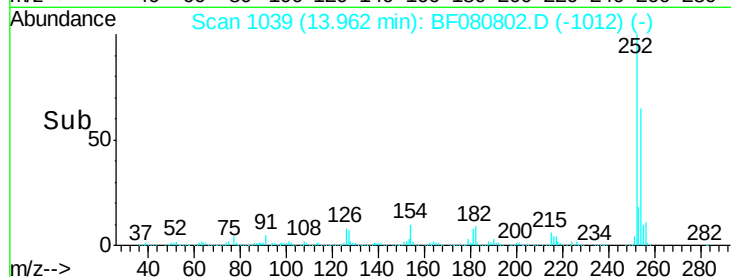
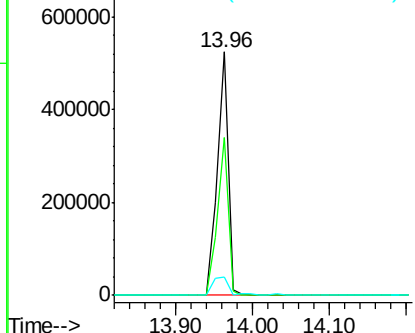
#81
 3,3'-Dichlorobenzidine
 Concen: 44.29 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:252 Resp: 512322
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.0 76.4
 126 7.7 13.2 19.8#

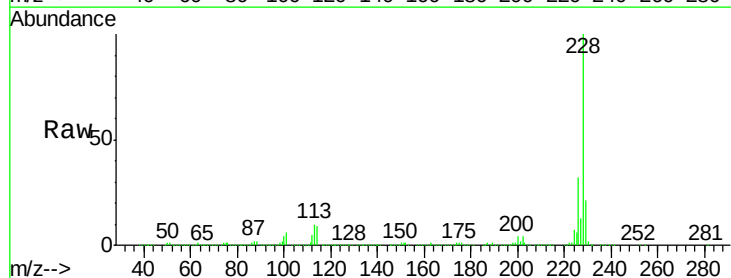


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

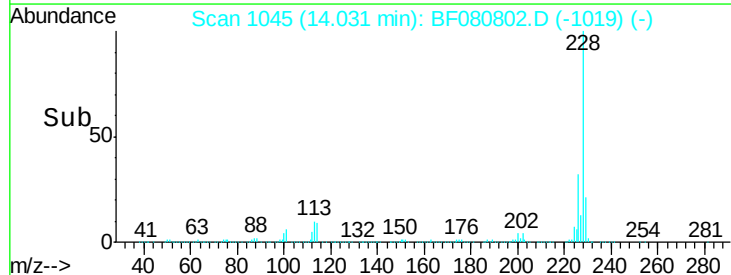
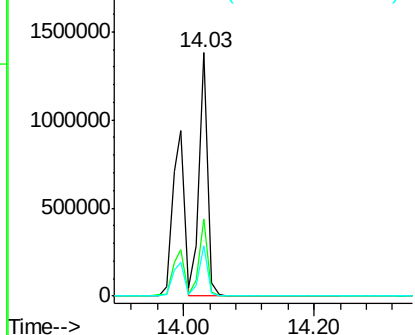


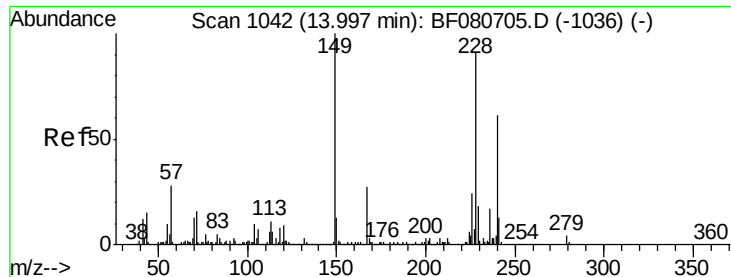
#82
 Chrysene
 Concen: 36.99 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Tgt Ion:228 Resp: 1216803
 Ion Ratio Lower Upper
 228 100
 226 31.8 25.1 37.7
 229 20.7 15.8 23.8



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

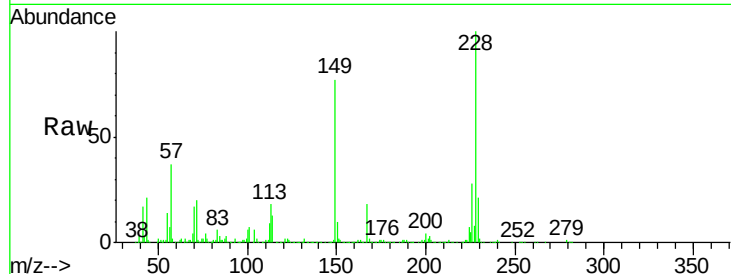




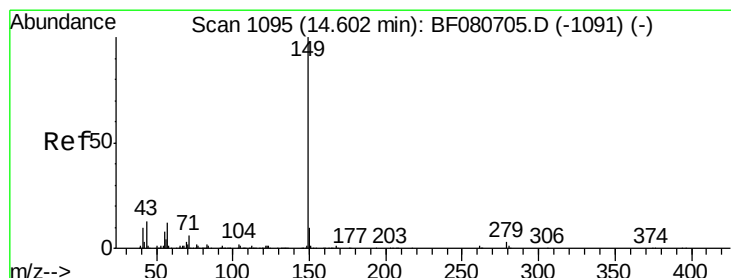
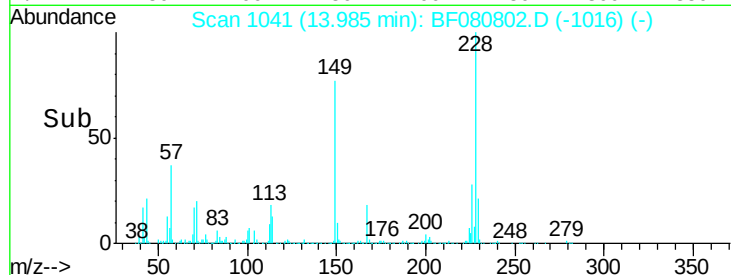
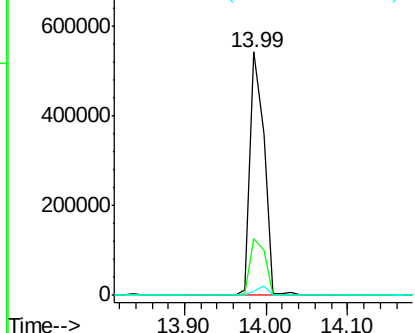
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.27 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:149 Resp: 636859
 Ion Ratio Lower Upper
 149 100
 167 23.5 21.8 32.8
 279 1.6 3.4 5.0#

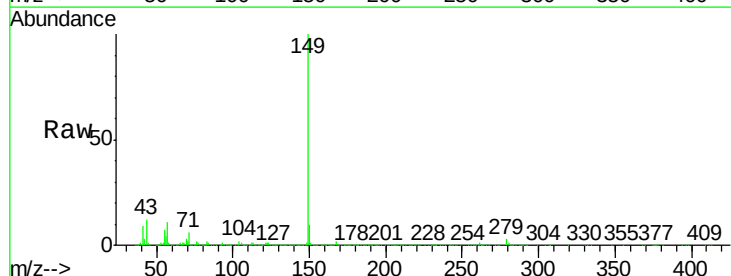


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

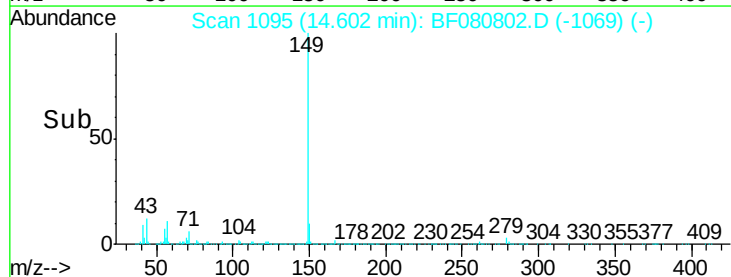
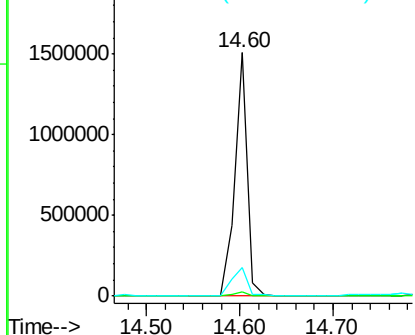


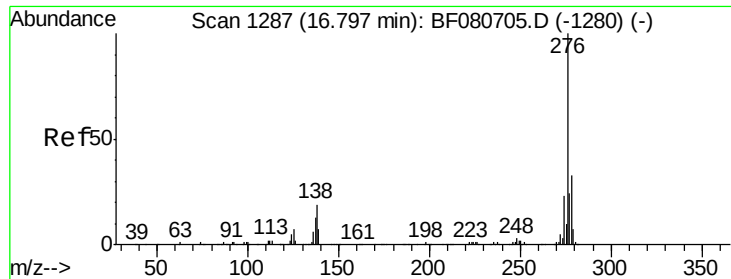
#84
 Di-n-octyl phthalate
 Concen: 38.40 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Tgt Ion:149 Resp: 1400898
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.1 1.7
 43 14.6 12.2 18.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



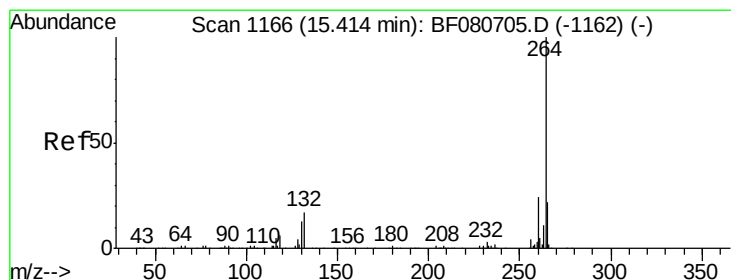
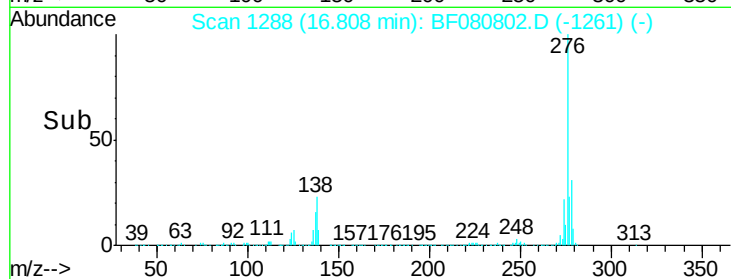
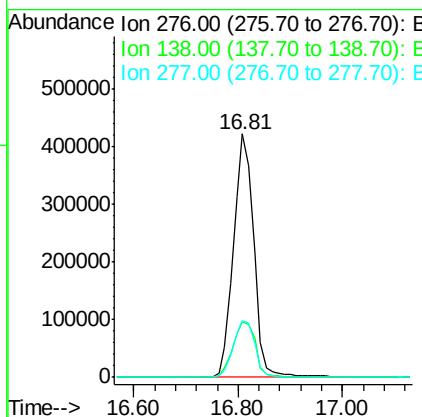
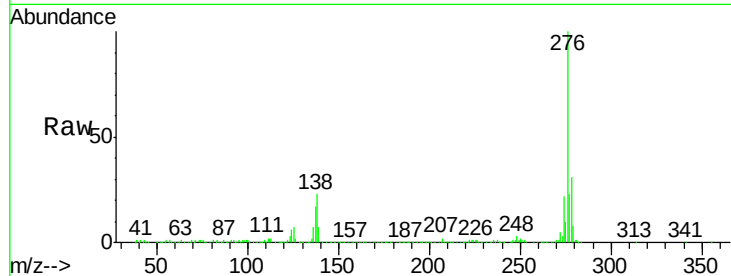


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.77 ng
 RT: 16.81 min Scan# 1288
 Delta R.T. 0.01 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:276 Resp: 1138779

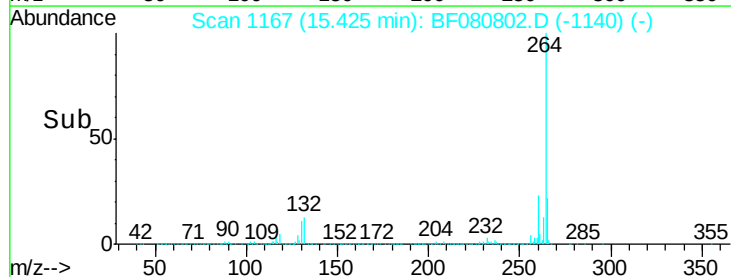
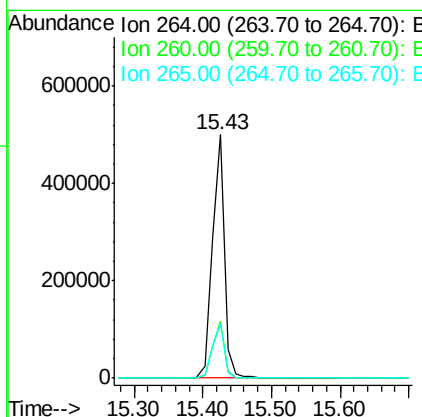
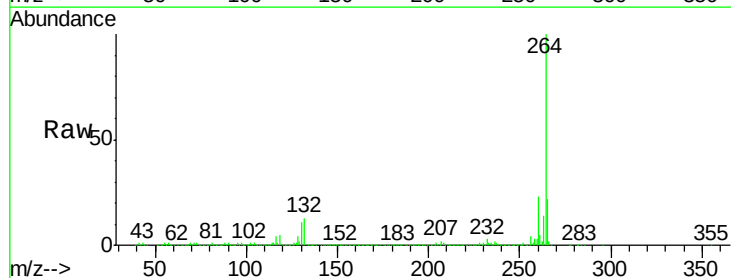
Ion	Ratio	Lower	Upper
276	100		
138	25.6	13.2	19.8#
277	25.0	15.4	23.2#

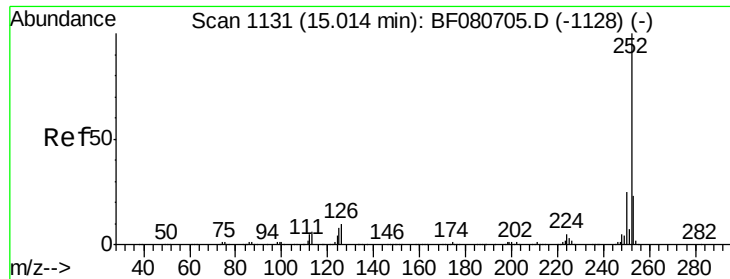


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: BF080802.D
 Acq: 2 Aug 2015 2:13

Tgt Ion:264 Resp: 617531

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	22.4	17.3	25.9

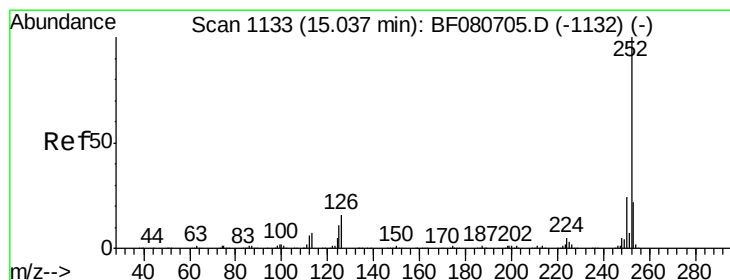
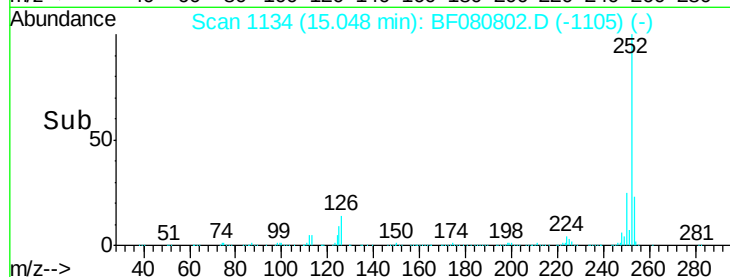
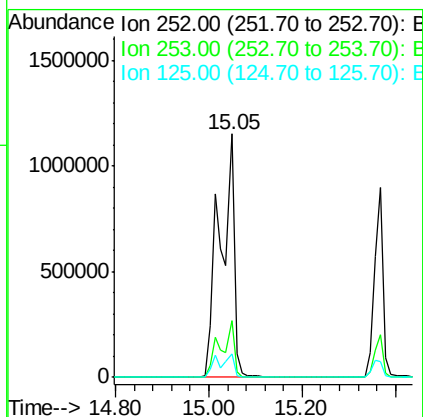
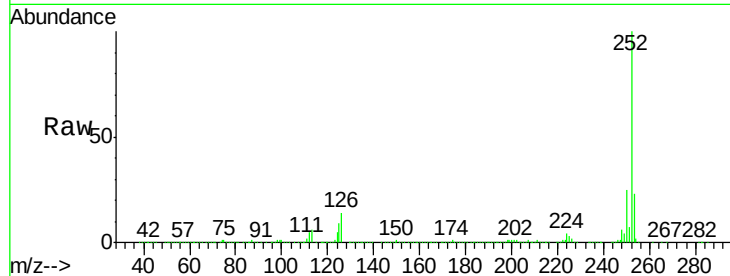




#87
Benzo(b)fluoranthene
Concen: 66.76 ng
RT: 15.05 min Scan# 1134
Delta R.T. 0.03 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

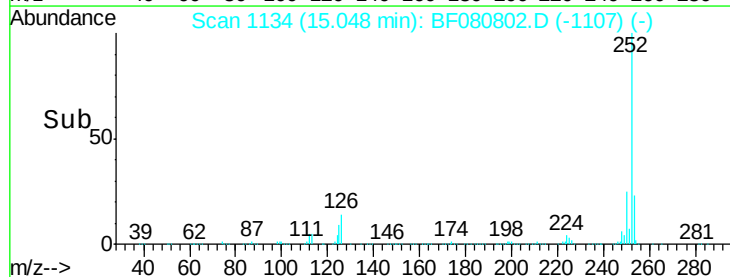
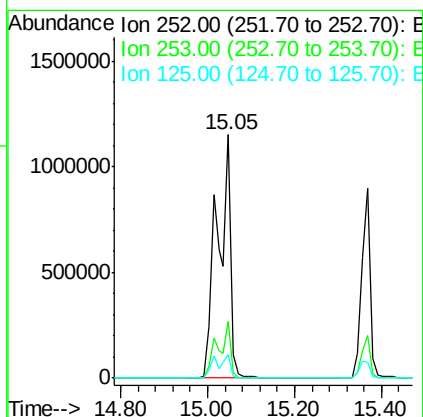
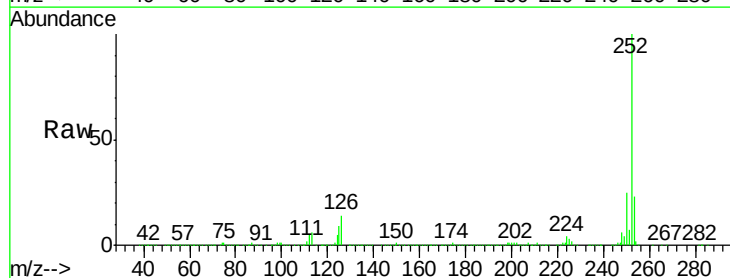
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

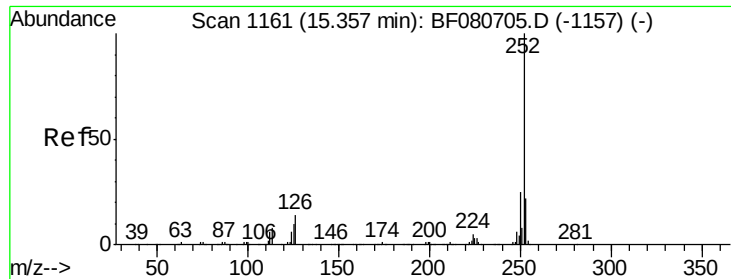
Tot Ion:252 Resp: 2462582
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 9.4 6.2 9.2#



#88
Benzo(k)fluoranthene
Concen: 81.16 ng
RT: 15.05 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Tgt Ion:252 Resp: 2463681
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 9.4 9.0 13.4

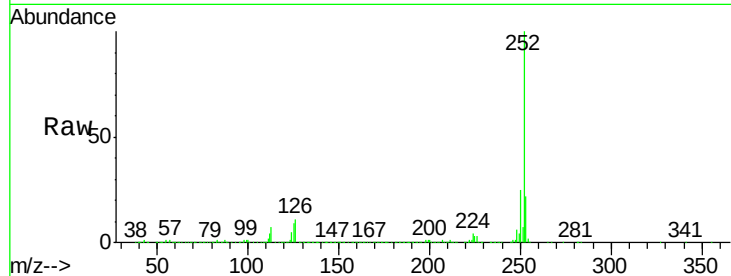




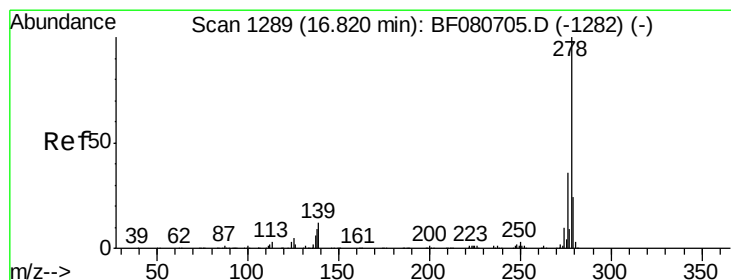
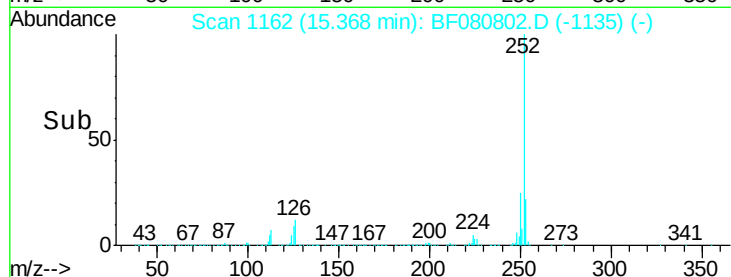
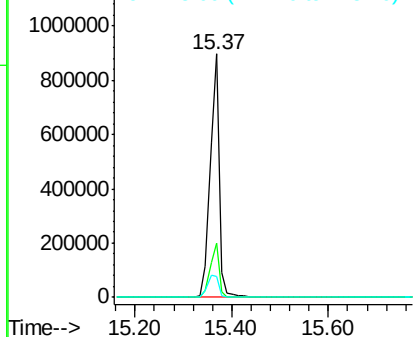
#89
Benzo(a)pyrene
Concen: 39.11 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 1184299
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 8.7 8.2 12.4

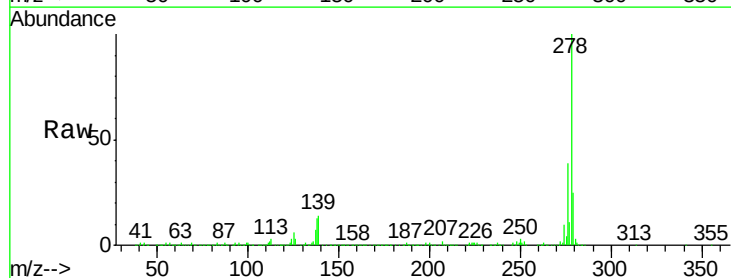


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

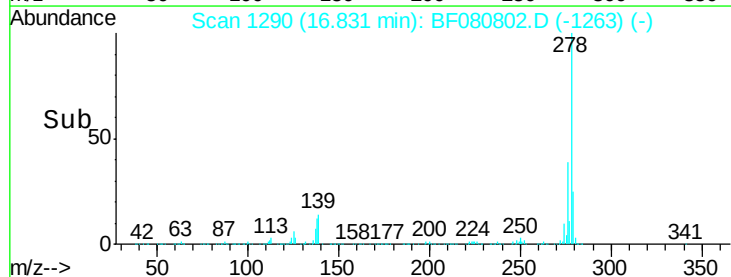
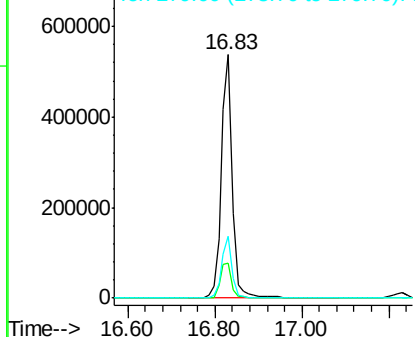


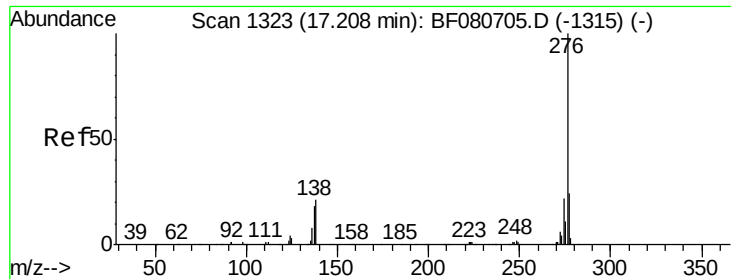
#90
Dibenzo(a,h)anthracene
Concen: 35.34 ng
RT: 16.83 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF080802.D
Acq: 2 Aug 2015 2:13

Tgt Ion:278 Resp: 957882
Ion Ratio Lower Upper
278 100
139 14.3 9.8 14.8
279 25.2 19.4 29.2



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: 32.69 ng

RT: 17.23 min Scan# 1325

Delta R.T. 0.02 min

Lab File: BF080802.D

Acq: 2 Aug 2015 2:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

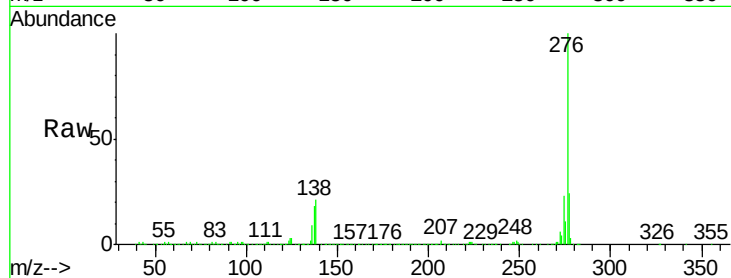
Tot Ion: 276 Resp: 872004

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 21.3 16.9 25.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

