

Data Path : Z:\HPCHEM1\BNA F\Data\BF071615\
 Data File : BF080522.D
 Acq On : 16 Jul 2015 21:14
 Operator : TP/UM
 Sample : G2925-08MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MS

Quant Time: Jul 17 06:58:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 17:11:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	21843	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	92834	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	42961	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	82457	20.00	ng	0.00
75) Chrysene-d12	14.37	240	75417	20.00	ng	-0.06
86) Perylene-d12	16.04	264	72461	20.00	ng	-0.10

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	143841	112.26	ng	0.01
7) Phenol-d6	6.72	99	190793	109.65	ng	0.00
23) Nitrobenzene-d5	7.64	82	138346	87.48	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	51561	154.25	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	290267	91.94	ng	0.00
78) Terphenyl-d14	13.21	244	278511	76.57	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.81	88	17632	27.86	ng	97
3) Pyridine	3.81	79	25464	21.85	ng	# 88
4) n-Nitrosodimethylamine	3.60	42	29090	36.32	ng	82
6) Aniline	6.75	93	45909	20.46	ng	# 80
8) 2-Chlorophenol	6.86	128	56699	39.45	ng	# 79
9) Benzaldehyde	6.64	77	14547	12.32	ng	# 83
10) Phenol	6.73	94	65301	34.88	ng	# 55
11) bis(2-Chloroethyl)ether	6.81	93	55394	40.65	ng	91
12) 1,3-Dichlorobenzene	7.01	146	58515	32.54	ng	# 90
13) 1,4-Dichlorobenzene	7.25	146	53273	28.65	ng	97
14) 1,2-Dichlorobenzene	7.25	146	53273	32.66	ng	99
15) Benzyl Alcohol	7.23	79	48710	40.11	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.34	45	102778	42.05	ng	57
17) 2-Methylphenol	7.33	107	45516	39.56	ng	# 74
18) Hexachloroethane	7.60	117	17577	31.61	ng	# 64
19) n-Nitroso-di-n-propylamine	7.48	70	42195	39.95	ng	# 84
20) 3+4-Methylphenols	7.49	107	63656	40.95	ng	# 77
22) Acetophenone	7.48	105	89376	43.50	ng	# 78
24) Nitrobenzene	7.66	77	64972	40.69	ng	# 75
25) Isophorone	7.89	82	122834	43.97	ng	# 90
26) 2-Nitrophenol	7.98	139	27348	39.47	ng	# 79
27) 2,4-Dimethylphenol	8.02	122	56753	42.40	ng	# 77
28) bis(2-Chloroethoxy)methane	8.10	93	73993	45.10	ng	# 92
29) 2,4-Dichlorophenol	8.22	162	55827	45.76	ng	95
30) 1,2,4-Trichlorobenzene	8.30	180	50446	36.02	ng	99
31) Naphthalene	8.38	128	181829	39.88	ng	98
32) Benzoic acid	8.11	122	26136	37.90	ng	# 56
33) 4-Chloroaniline	8.44	127	39312	22.18	ng	# 88
34) Hexachlorobutadiene	8.50	225	30670	37.82	ng	99
35) Caprolactam	8.78	113	10536	37.21	ng	# 78
36) 4-Chloro-3-methylphenol	8.92	107	57341	44.51	ng	# 80
37) 2-Methylnaphthalene	9.07	142	119399	43.82	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	9.24	216	57825	41.97	ng	99
40) Hexachlorocyclopentadiene	9.23	237	60408	89.34	ng	98

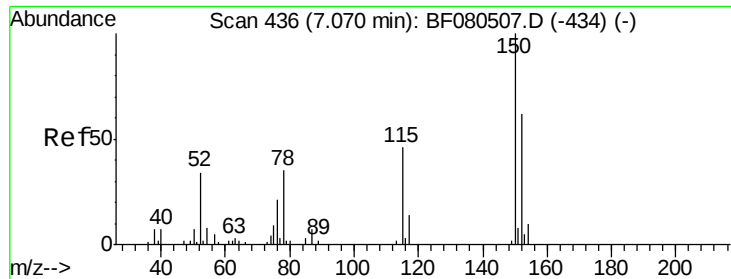
Data Path : Z:\HPCHEM1\BNA F\Data\BF071615\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.36	196	37558	45.55	nq	99
43) 2,4,5-Trichlorophenol	9.40	196	41087	46.81	nq	97
45) 1,1'-Biphenyl	9.54	154	156607	44.60	nq	95
46) 2-Chloronaphthalene	9.56	162	113660	43.22	nq	# 92
47) 2-Nitroaniline	9.66	65	33152	48.92	nq	# 53
48) Acenaphthylene	9.98	152	194355	44.12	nq	98
49) Dimethylphthalate	9.84	163	141322	47.96	nq	# 97
50) 2,6-Dinitrotoluene	9.90	165	26642	46.21	nq	# 92
51) Acenaphthene	10.16	154	127851	49.11	nq	89
52) 3-Nitroaniline	10.08	138	21747	34.14	nq	# 33
53) 2,4-Dinitrophenol	10.18	184	27272	87.77	nq	# 64
54) Dibenzofuran	10.33	168	179358	47.66	nq	# 92
55) 4-Nitrophenol	10.25	139	40793	88.93	nq	# 27
56) 2,4-Dinitrotoluene	10.30	165	42446	50.80	nq	# 94
57) Fluorene	10.67	166	133209	45.09	nq	90
58) 2,3,4,6-Tetrachlorophenol	10.45	232	29349	45.83	nq	98
59) Diethylphthalate	10.53	149	128940	46.40	nq	97
60) 4-Chlorophenyl-phenylether	10.66	204	60100	45.45	nq	92
61) 4-Nitroaniline	10.69	138	28817	45.70	nq	# 41
62) Azobenzene	10.82	77	148945	51.02	nq	95
64) 4,6-Dinitro-2-methylphenol	10.72	198	16075	40.00	nq	# 70
65) n-Nitrosodiphenylamine	10.77	169	123713	44.11	nq	94
66) 4-Bromophenyl-phenylether	11.15	248	34116	42.48	nq	# 84
67) Hexachlorobenzene	11.22	284	39494	44.47	nq	# 85
68) Atrazine	11.29	200	29446	38.78	nq	81
69) Pentachlorophenol	11.41	266	35727	75.43	nq	94
70) Phenanthrene	11.63	178	203042	43.73	nq	97
71) Anthracene	11.69	178	197125	44.77	nq	99
72) Carbazole	11.85	167	171996	44.54	nq	97
73) Di-n-butylphthalate	12.16	149	194121	42.89	nq	# 98
74) Fluoranthene	12.83	202	198338	45.61	nq	95
76) Benzidine	12.97	184	45205	18.20	nq	# 96
77) Pyrene	13.07	202	209904	42.68	nq	97
79) Butylbenzylphthalate	13.71	149	79662	45.24	nq	# 83
80) Benzo(a)anthracene	14.36	228	187028	44.20	nq	98
81) 3,3'-Dichlorobenzidine	14.33	252	49417	35.71	nq	# 93
82) Chrysene	14.41	228	181113	44.00	nq	95
83) Bis(2-ethylhexyl)phthalate	14.33	149	117343	45.58	nq	# 92
84) Di-n-octyl phthalate	15.05	149	179280	42.51	nq	98
85) Indeno(1,2,3-cd)pyrene	17.62	276	233892	46.23	nq	# 93
87) Benzo(h)fluoranthene	15.57	252	181948	43.39	nq	# 87
88) Benzo(k)fluoranthene	15.57	252	181948	42.68	nq	# 88
89) Benzo(a)pyrene	15.97	252	183604	46.82	nq	# 86
90) Dibenzo(a,h)anthracene	17.63	278	195427	45.27	nq	# 86
91) Benzo(g,h,i)perylene	18.10	276	199115	44.42	nq	# 80

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampled :

TEC-E4MS

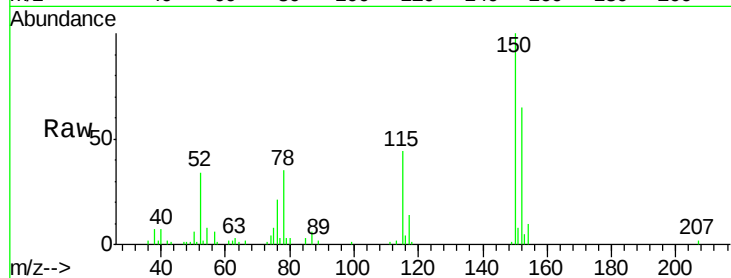
Tot Ion:152 Resp: 21843

Ion Ratio Lower Upper

152 100

150 153.8 124.7 187.1

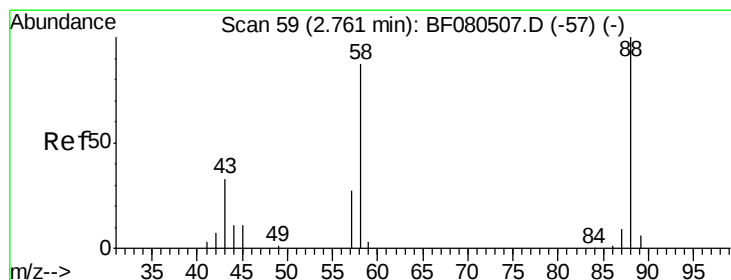
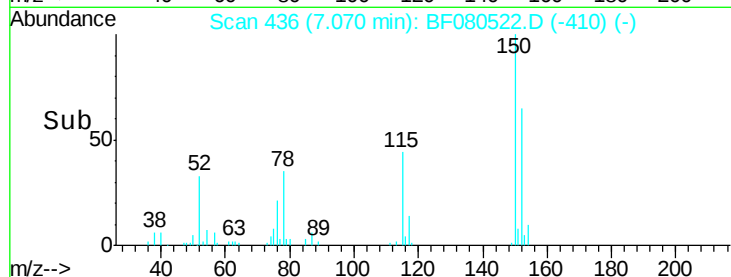
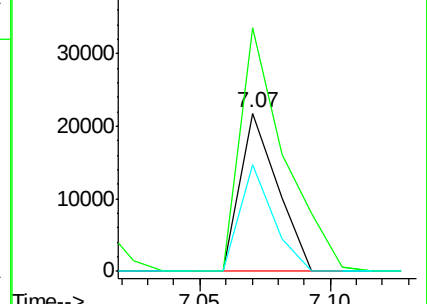
115 67.4 39.0 58.4#



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: 27.86 ng

RT: 2.81 min Scan# 63

Delta R.T. 0.05 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

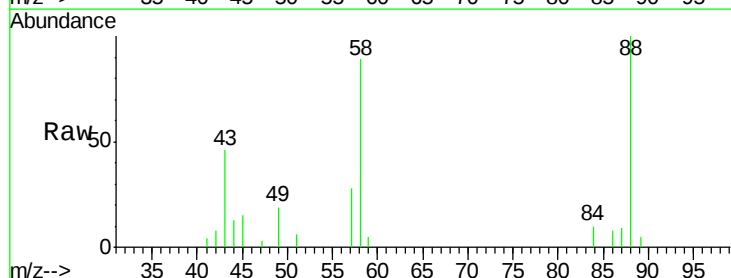
Tgt Ion: 88 Resp: 17632

Ion Ratio Lower Upper

88 100

58 93.1 77.7 116.5

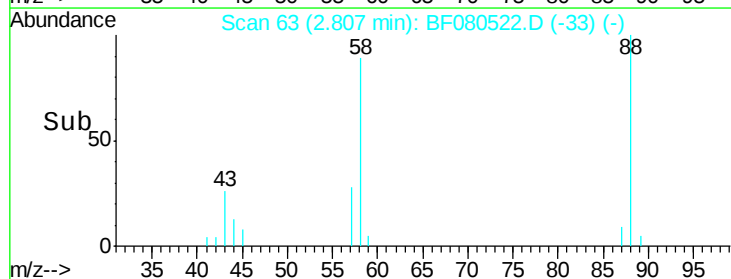
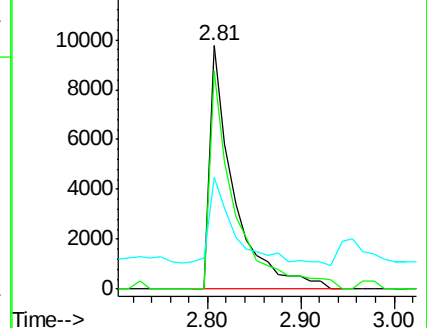
43 34.3 26.6 40.0

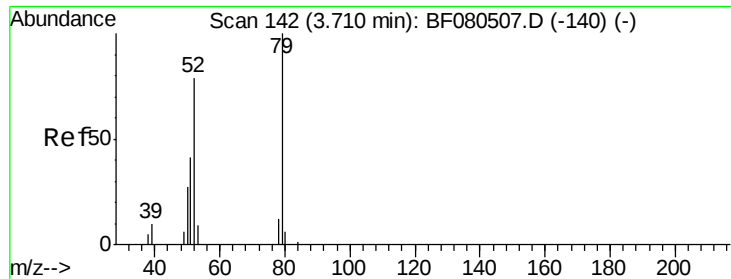


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 21.85 ng

RT: 3.81 min Scan# 151

Delta R.T. 0.10 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

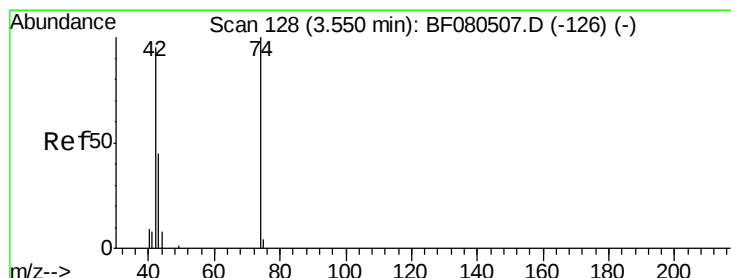
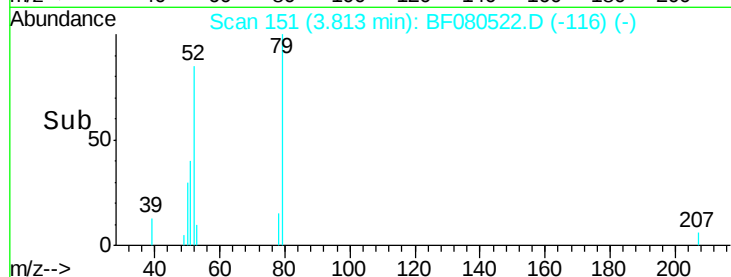
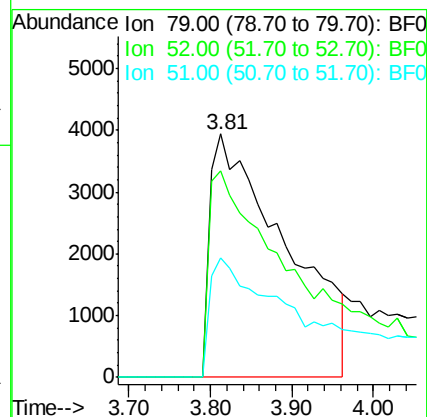
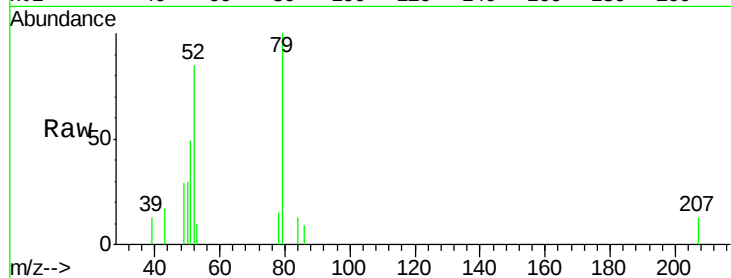
Tot Ion: 79 Resp: 25464

Ion Ratio Lower Upper

79 100

52 84.6 76.8 115.2

51 49.1 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 36.32 ng

RT: 3.60 min Scan# 132

Delta R.T. 0.05 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

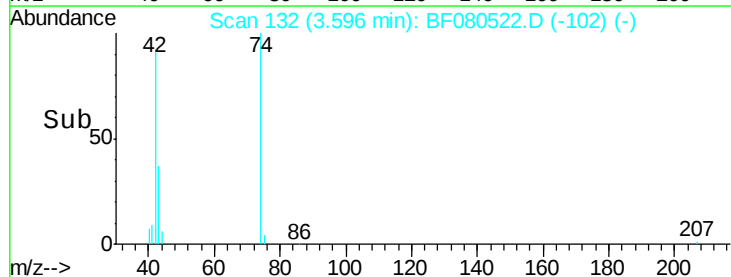
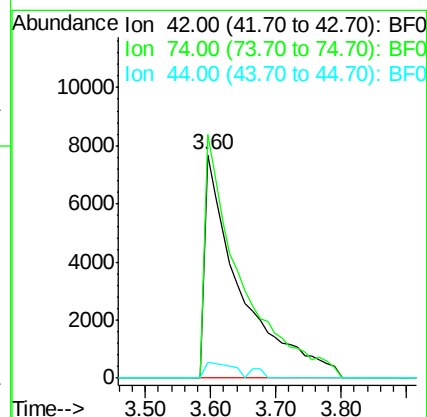
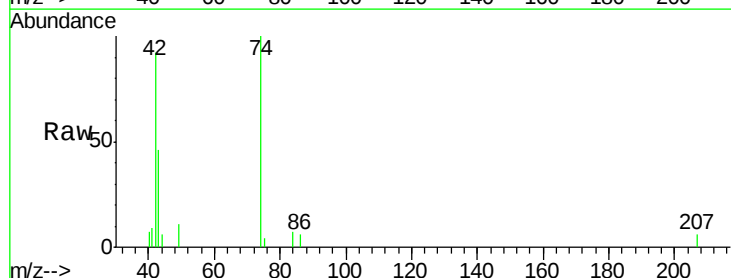
Tgt Ion: 42 Resp: 29090

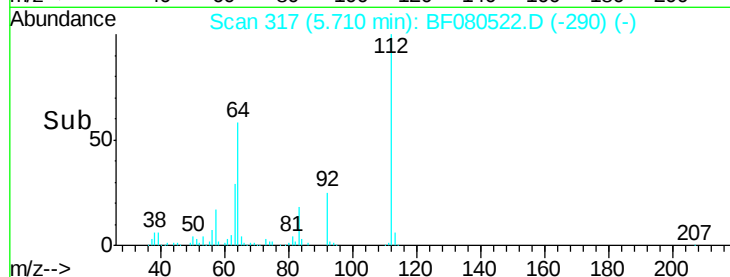
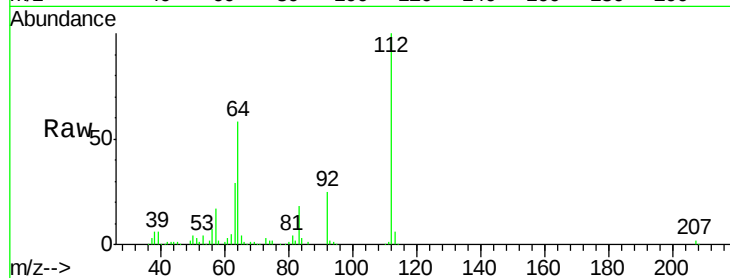
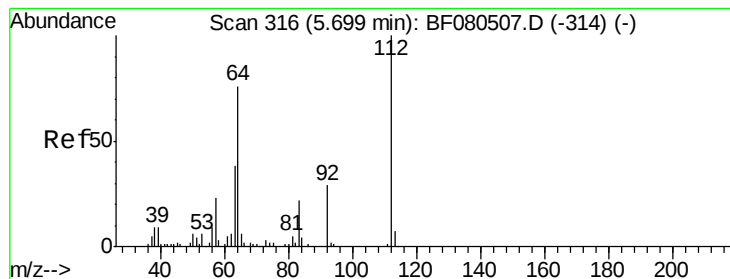
Ion Ratio Lower Upper

42 100

74 109.0 105.0 157.6

44 6.8 6.6 10.0





#5

2-Fluorophenol

Concen: 112.26 ng

RT: 5.71 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

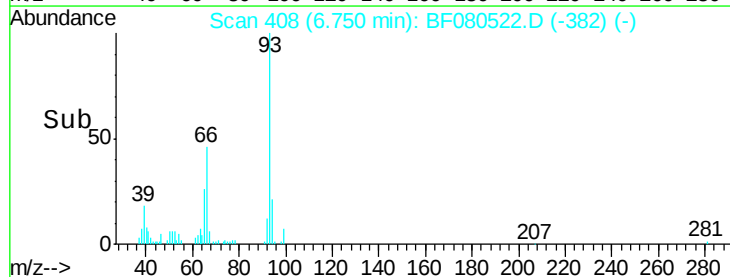
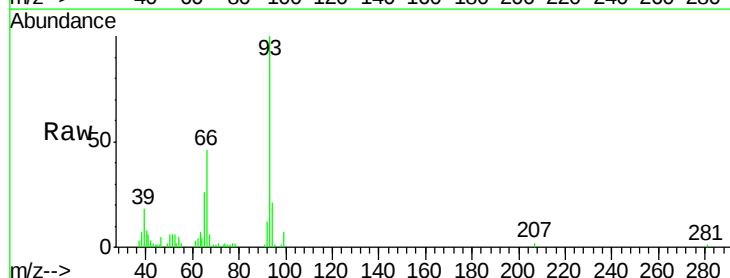
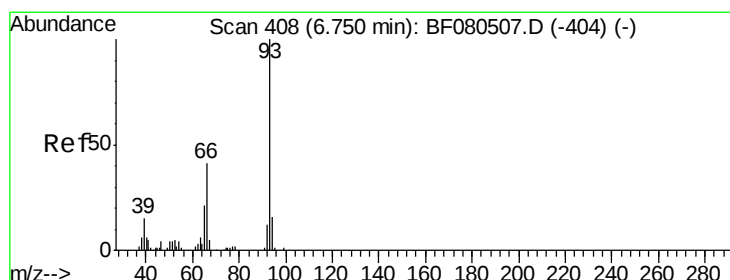
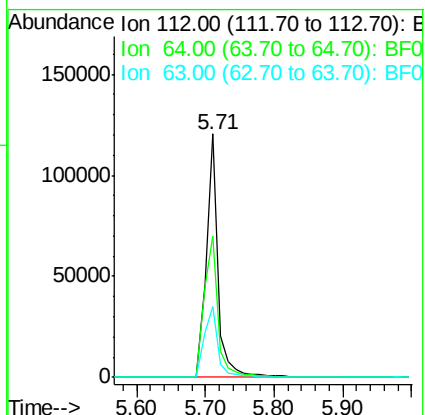
Tot Ion:112 Resp: 143841

Ion Ratio Lower Upper

112 100

64 58.1 39.7 59.5

63 29.0 17.4 26.0#



#6

Aniline

Concen: 20.46 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

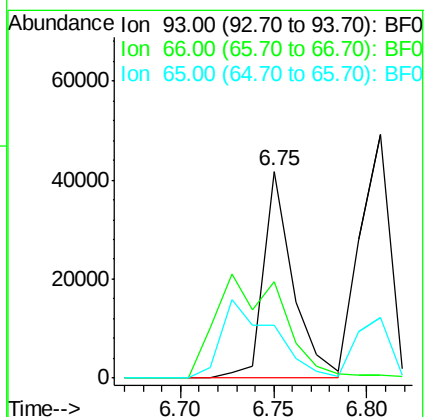
Tgt Ion: 93 Resp: 45909

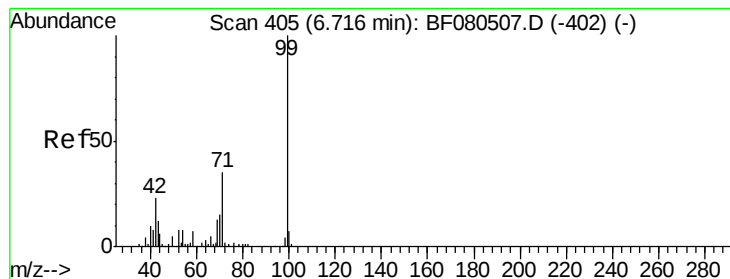
Ion Ratio Lower Upper

93 100

66 46.4 27.2 40.8#

65 25.7 14.7 22.1#





#7

Phenol-d6

Concen: 109.65 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampled :

TEC-E4MS

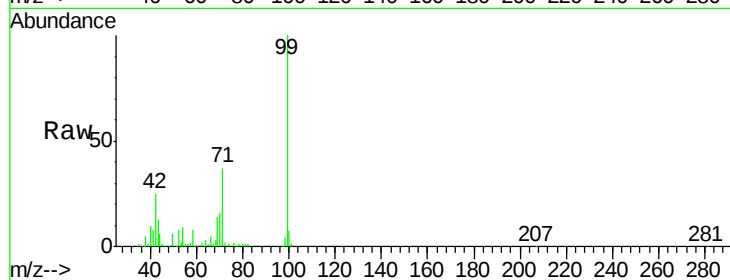
Tot Ion: 99 Resp: 190793

Ion Ratio Lower Upper

99 100

42 25.0 13.7 20.5#

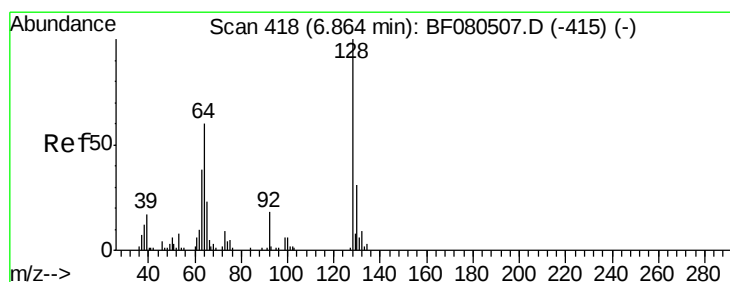
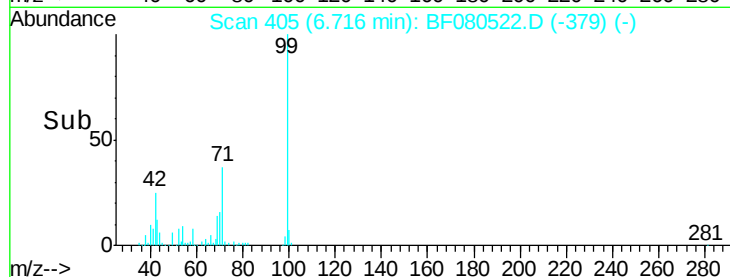
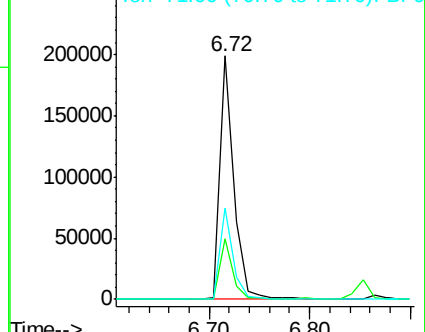
71 37.4 14.2 21.2#



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: 39.45 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

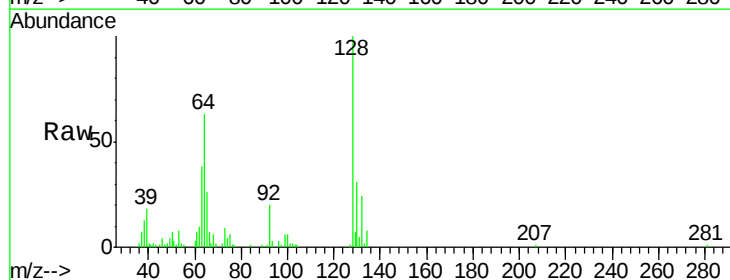
Tgt Ion:128 Resp: 56699

Ion Ratio Lower Upper

128 100

130 31.1 12.2 52.2

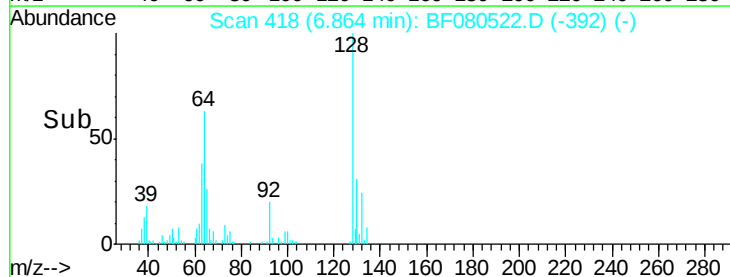
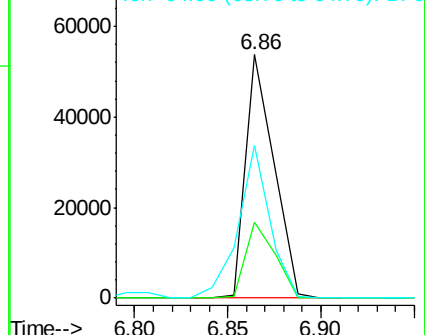
64 62.6 20.5 60.5#

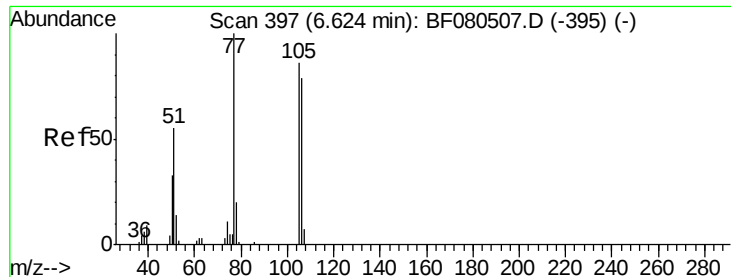


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.32 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

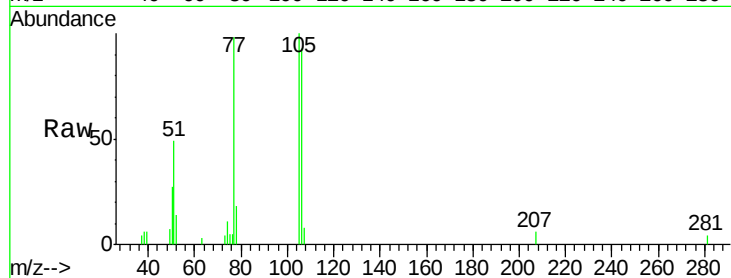
Tot Ion: 77 Resp: 14547

Ion Ratio Lower Upper

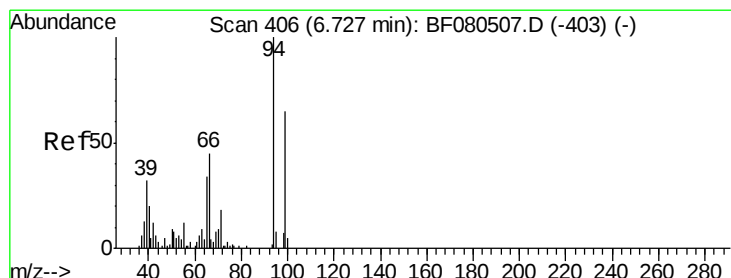
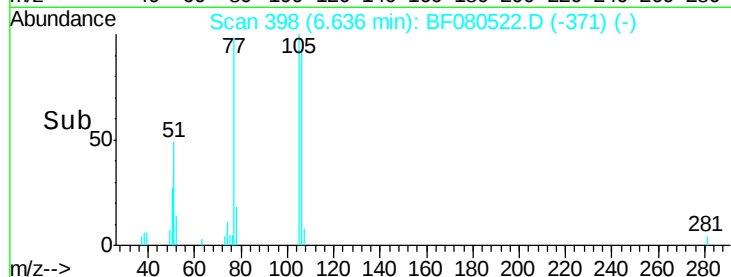
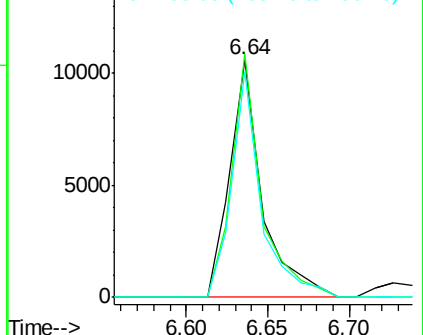
77 100

105 102.5 91.6 131.6

106 94.9 102.6 142.6#



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: 34.88 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

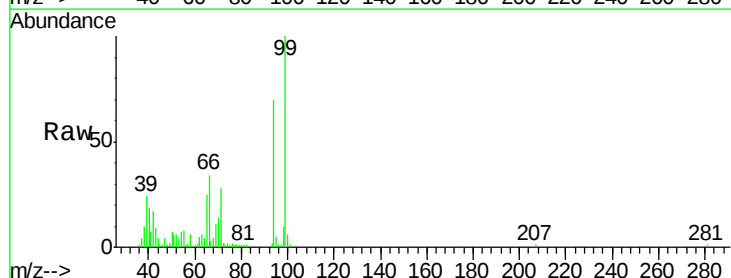
Tgt Ion: 94 Resp: 65301

Ion Ratio Lower Upper

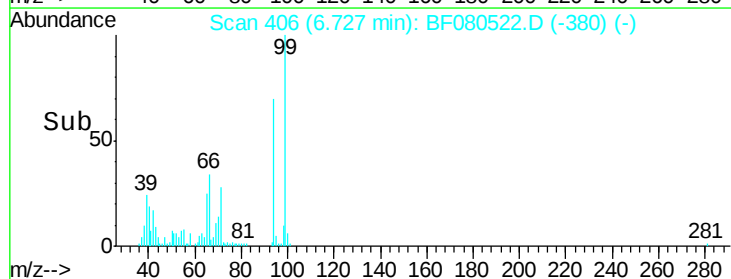
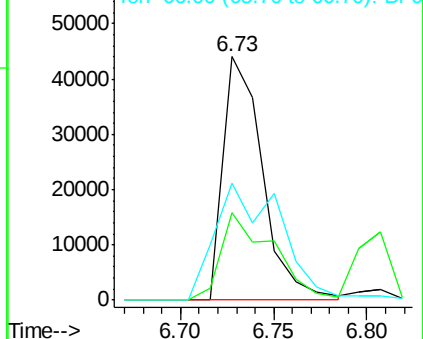
94 100

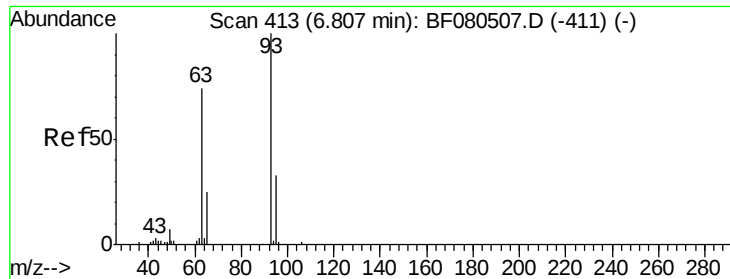
65 36.0 0.7 40.7

66 47.9 0.8 40.8#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

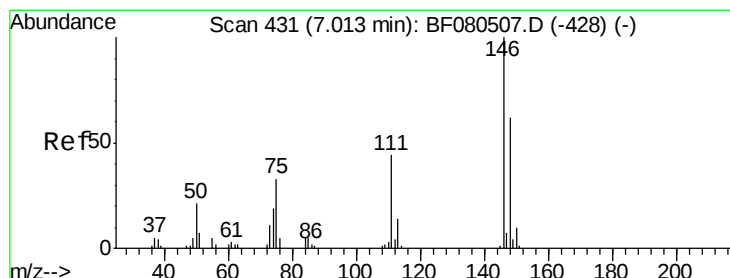
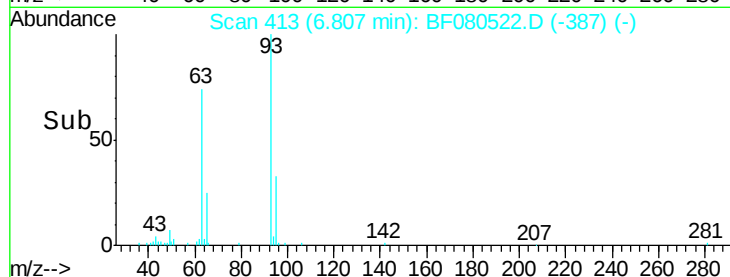
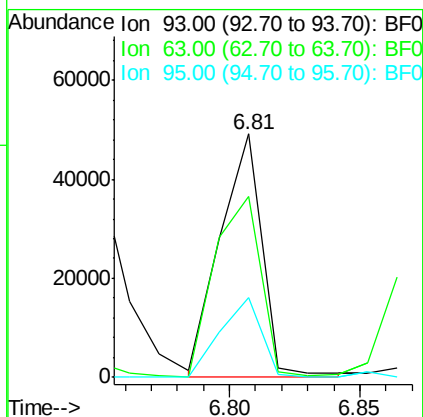
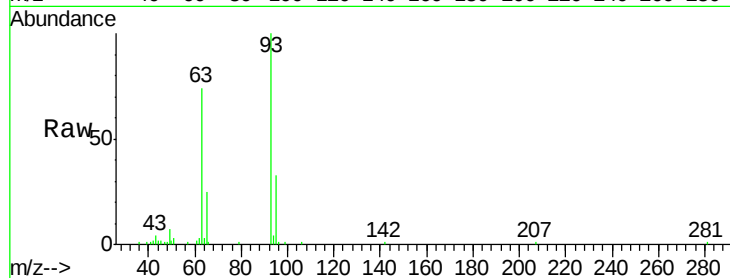




#11
bis(2-Chloroethyl)ether
Concen: 40.65 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

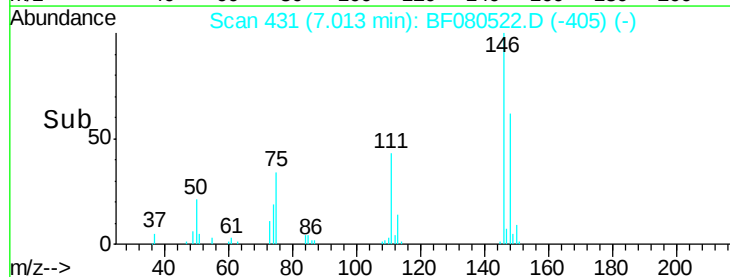
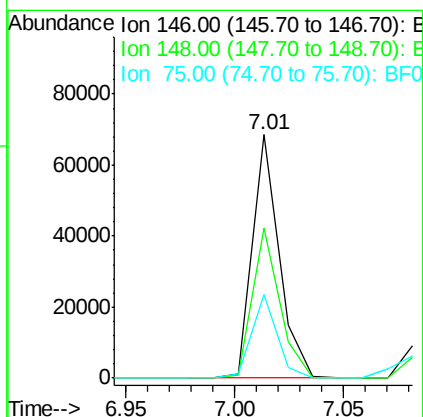
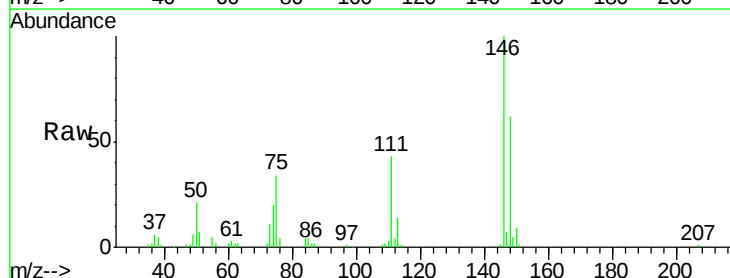
Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

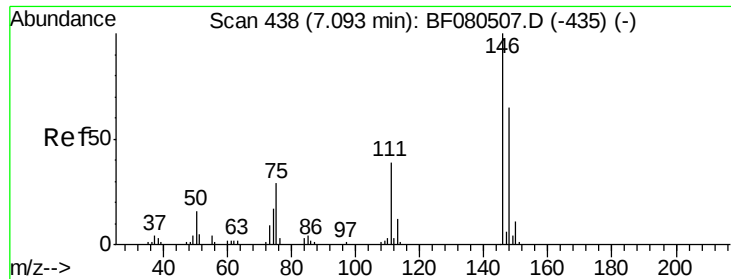
Tot Ion: 93 Resp: 55394
Ion Ratio Lower Upper
93 100
63 74.3 65.6 105.6
95 32.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 32.54 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion: 146 Resp: 58515
Ion Ratio Lower Upper
146 100
148 61.6 51.0 76.4
75 34.4 15.0 22.6#

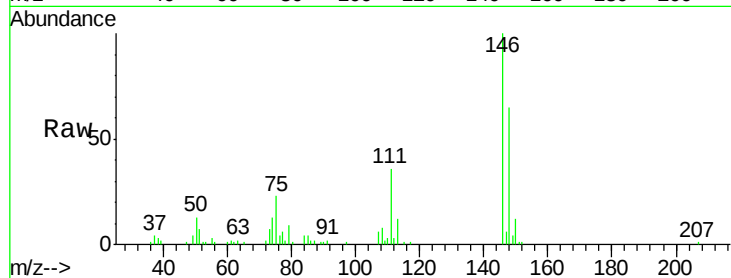




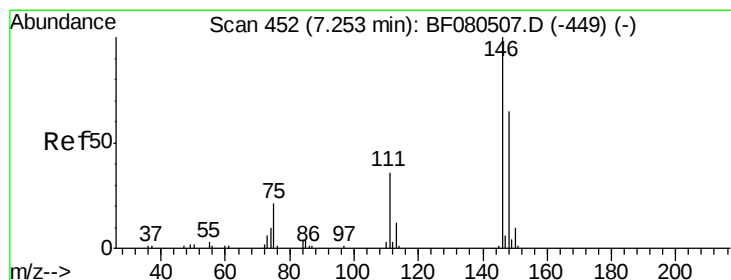
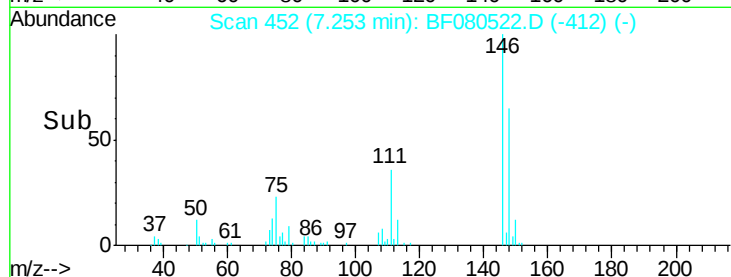
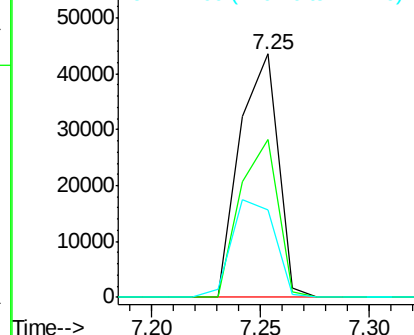
#13
 1,4-Dichlorobenzene
 Concen: 28.65 ng
 RT: 7.25 min Scan# 452
 Delta R.T. 0.16 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Instrument :
 BNA_F
 ClientSampleID :
 TEC-E4MS

Tot Ion:146 Resp: 53273
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.6
 111 35.8 24.9 37.3

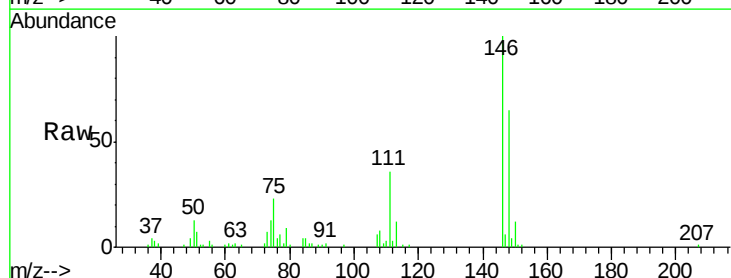


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

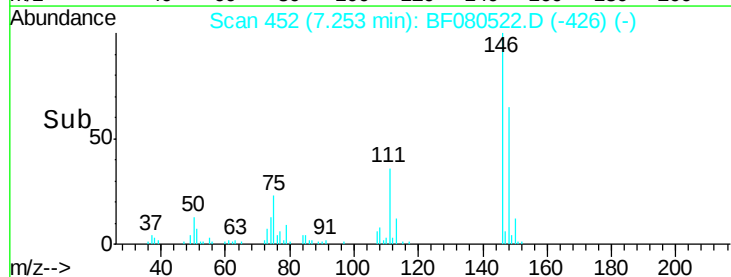
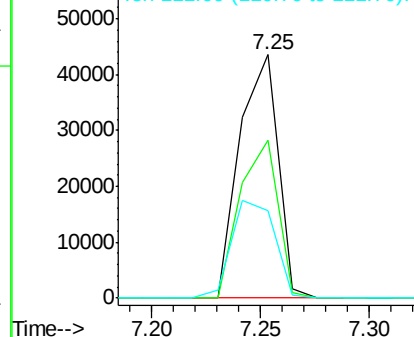


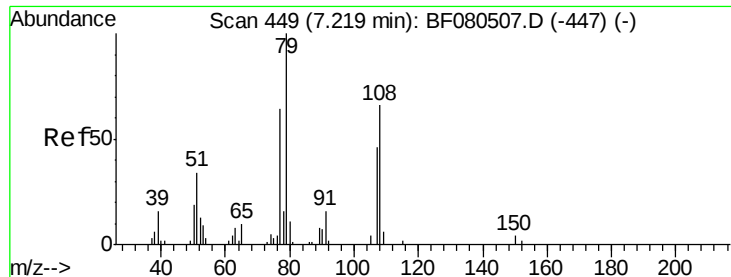
#14
 1,2-Dichlorobenzene
 Concen: 32.66 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Tgt Ion:146 Resp: 53273
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.7 79.1
 111 35.8 28.8 43.2



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: 40.11 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.01 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleID :

TEC-E4MS

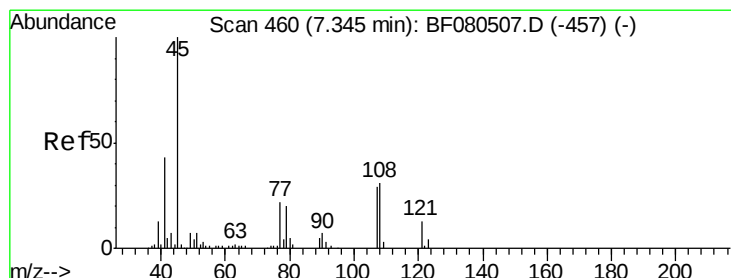
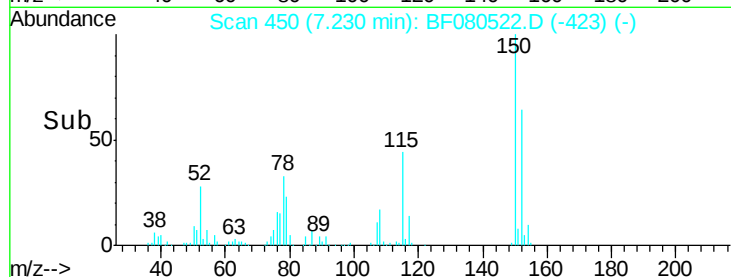
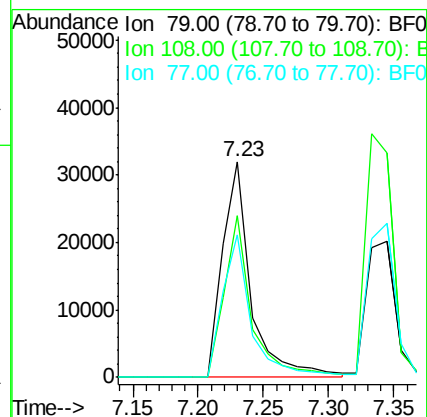
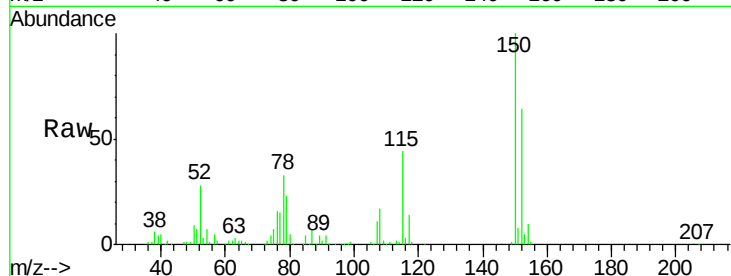
Tot Ion: 79 Resp: 48710

Ion Ratio Lower Upper

79 100

108 75.0 88.6 132.8#

77 66.3 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.05 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

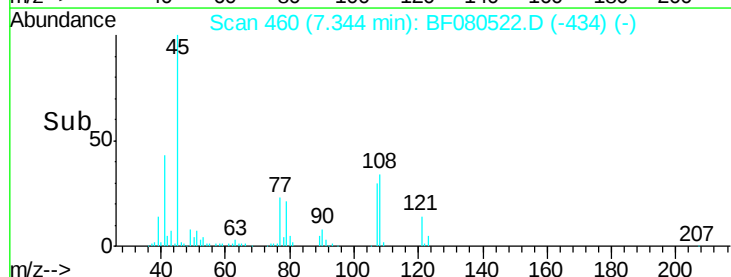
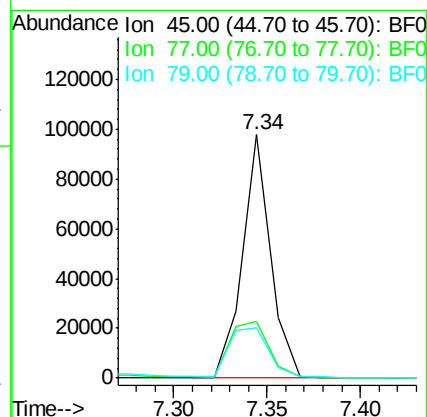
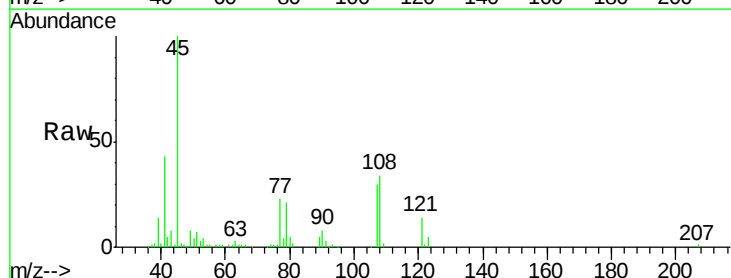
Tgt Ion: 45 Resp: 102778

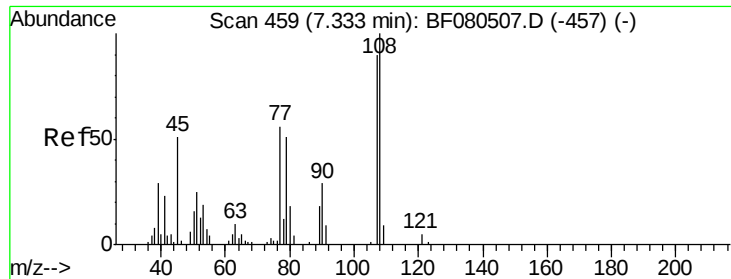
Ion Ratio Lower Upper

45 100

77 23.4 0.0 28.1

79 20.6 0.0 26.0





#17

2-Methylphenol

Concen: 39.56 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

Tot Ion:107 Resp: 45516

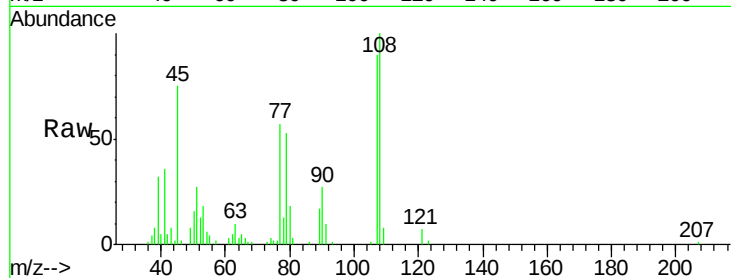
Ion Ratio Lower Upper

107 100

108 111.6 96.6 145.0

77 63.4 23.3 34.9#

79 59.5 22.0 33.0#



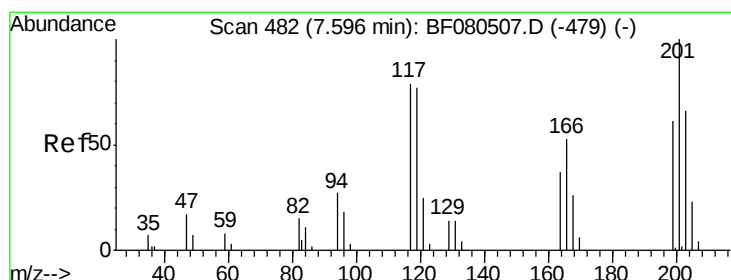
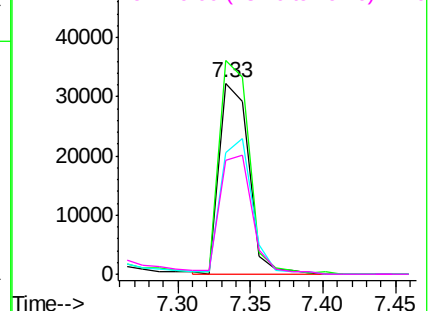
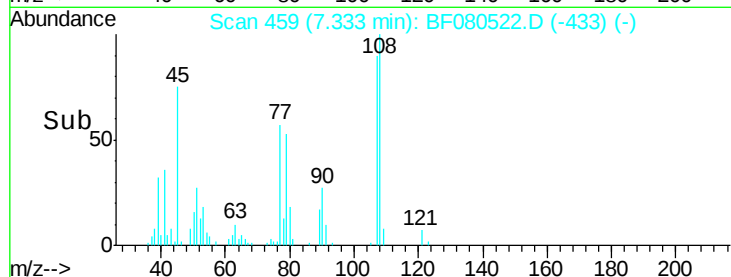
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.61 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

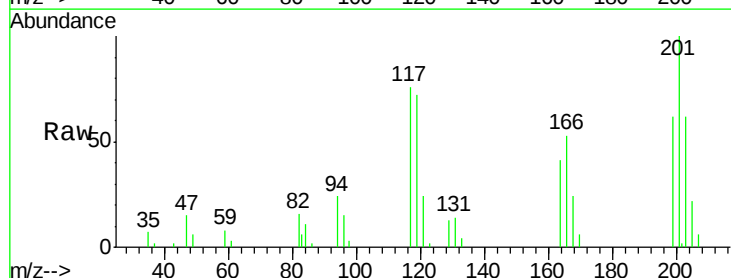
Tgt Ion:117 Resp: 17577

Ion Ratio Lower Upper

117 100

119 94.9 83.8 125.6

201 131.4 55.1 82.7#

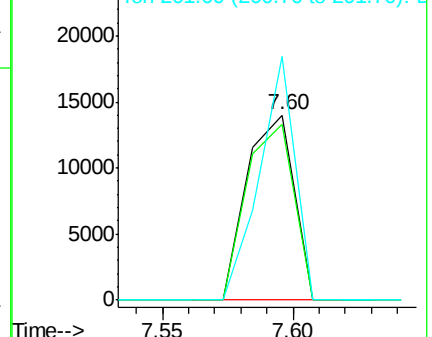
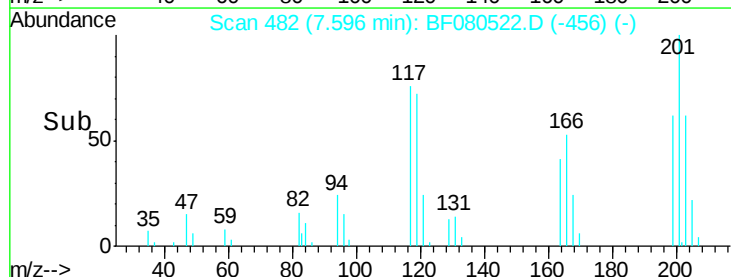


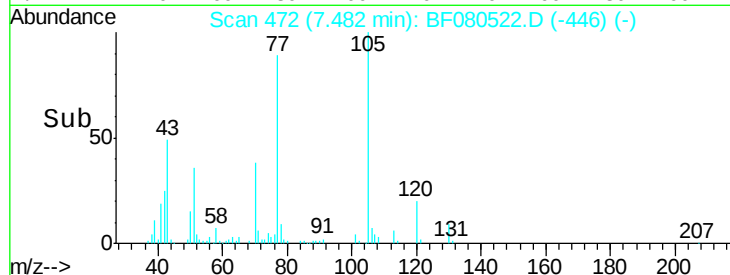
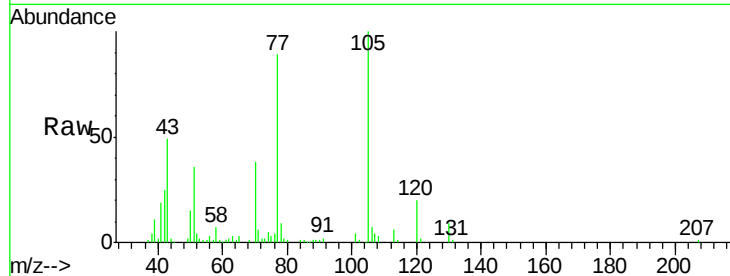
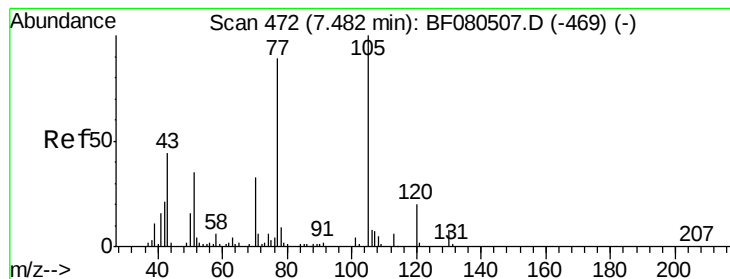
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.95 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

Tot Ion: 70 Resp: 42195

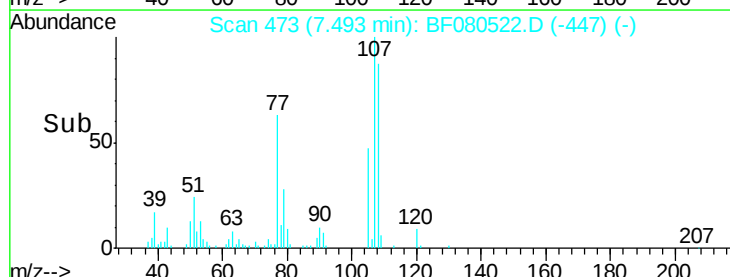
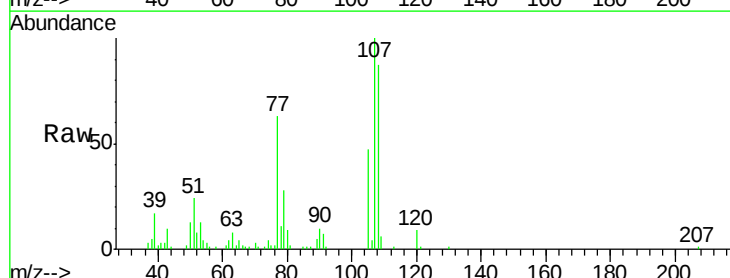
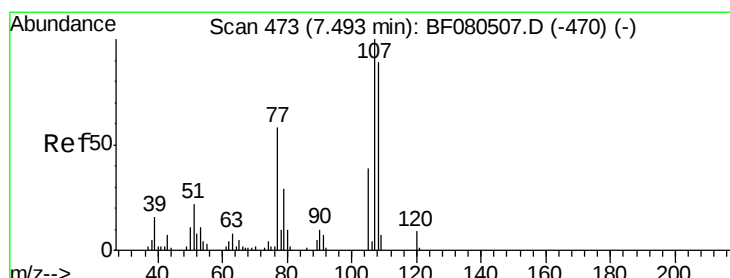
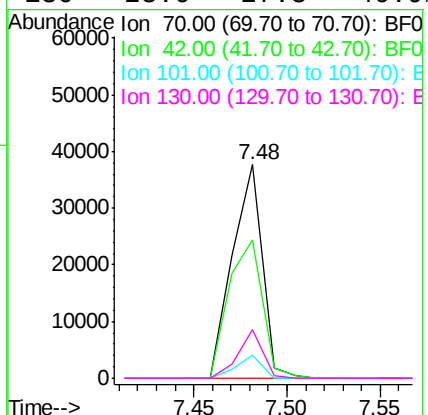
Ion Ratio Lower Upper

70 100

42 64.6 63.8 95.6

101 10.6 9.2 13.8

130 23.0 27.3 40.9#



#20

3+4-Methylphenols

Concen: 40.95 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Tgt Ion: 107 Resp: 63656

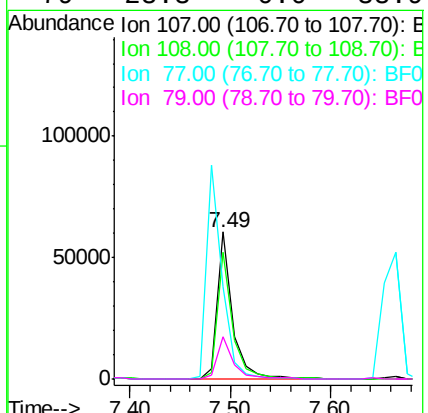
Ion Ratio Lower Upper

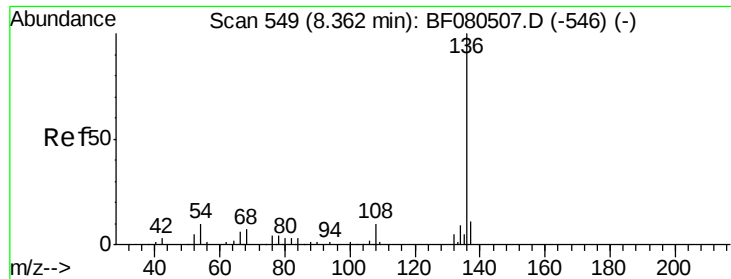
107 100

108 86.6 74.6 114.6

77 62.6 0.7 40.7#

79 28.3 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.36 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

Tot Ion:136 Resp: 92834

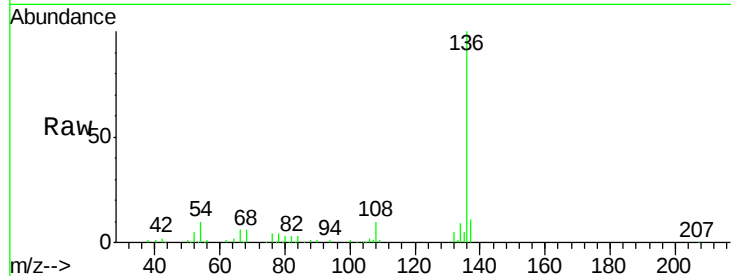
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 9.7 8.2 12.2

68 6.1 5.8 8.6

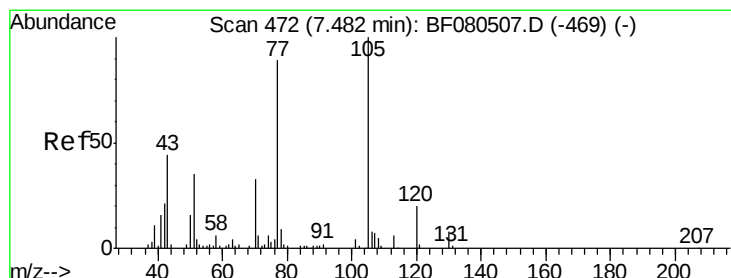
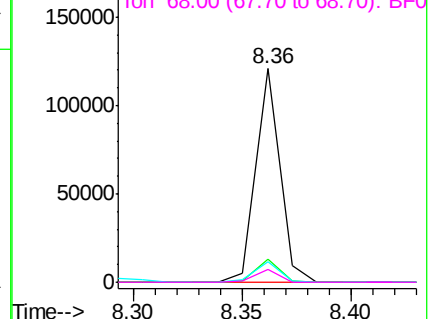
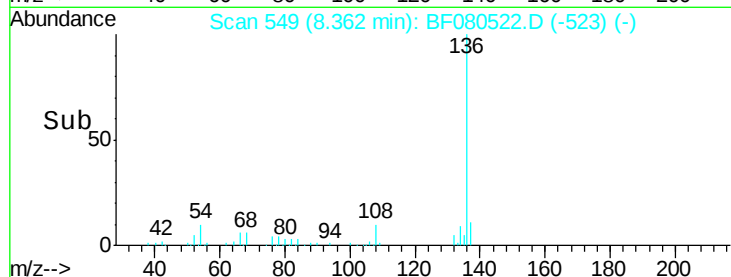


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.50 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Tgt Ion:105 Resp: 89376

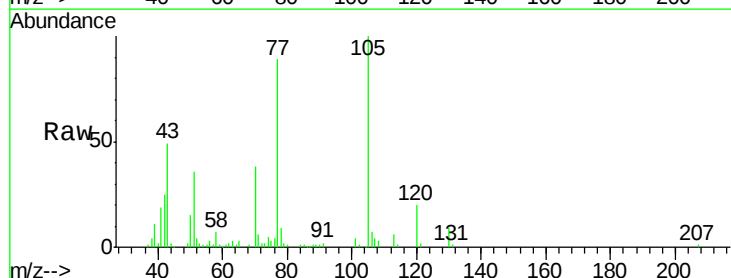
Ion Ratio Lower Upper

105 100

71 6.2 4.7 7.1

51 35.7 22.0 33.0#

120 20.1 30.1 45.1#

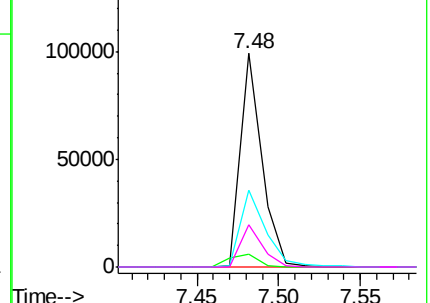
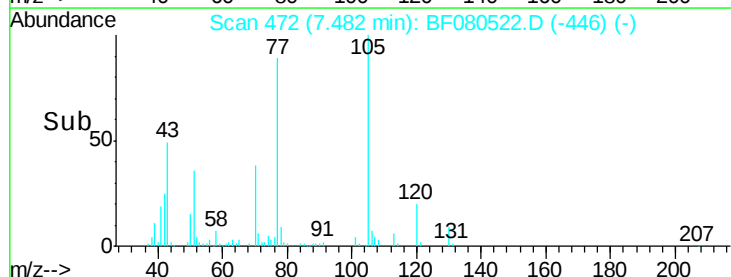


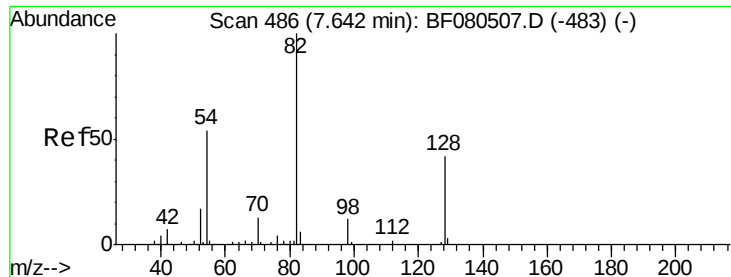
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

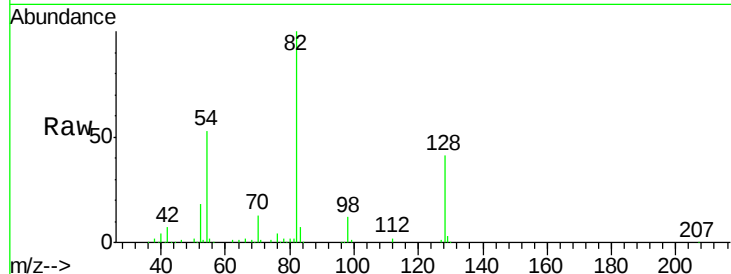




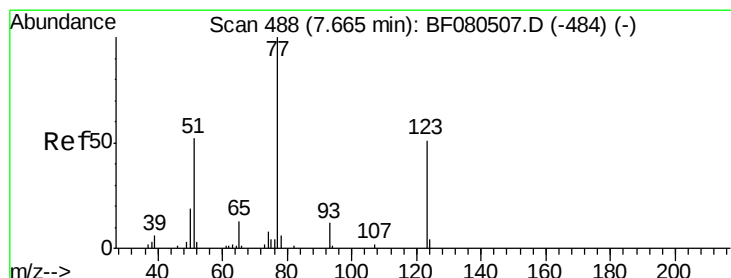
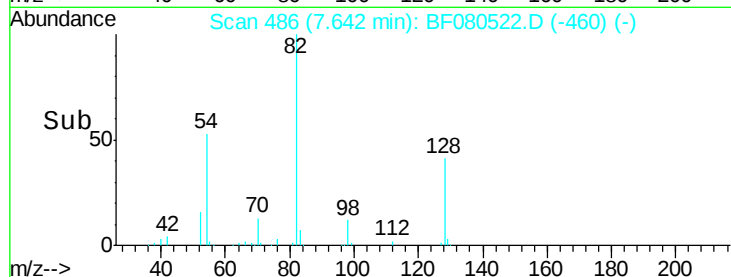
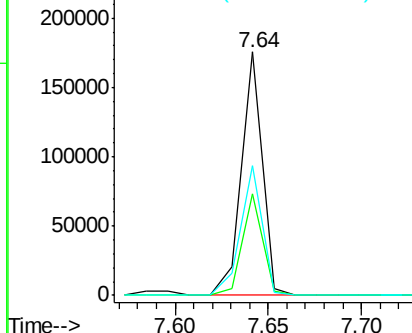
#23
 Nitrobenzene-d5
 Concen: 87.48 ng
 RT: 7.64 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MS

Tot Ion	82	Resp	138346
Ion Ratio	Lower	Upper	
82	100		
128	41.5	51.0	76.6#
54	53.3	47.5	71.3

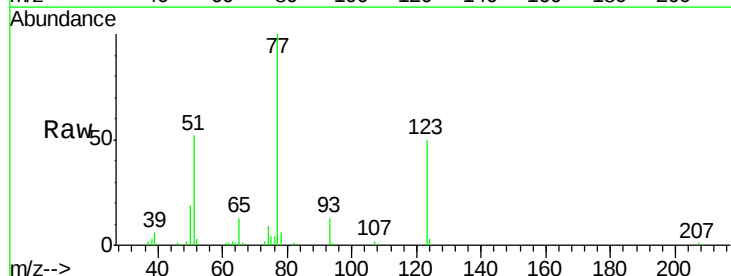


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

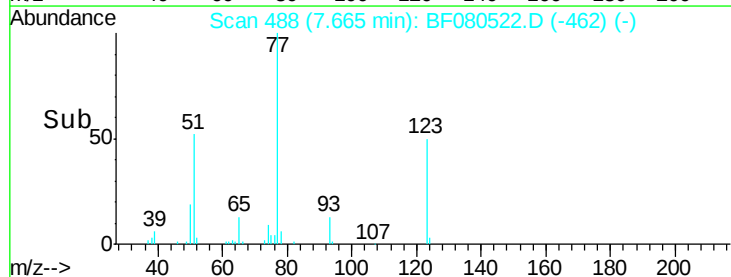
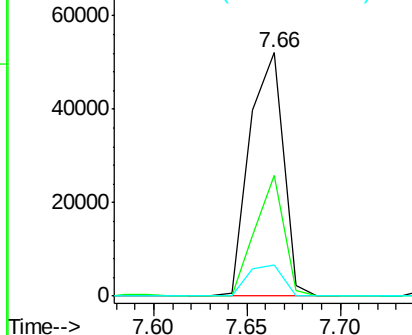


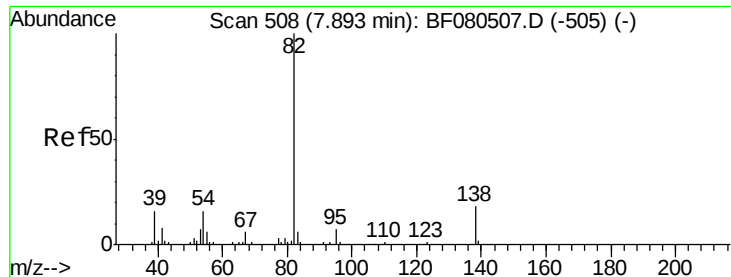
#24
 Nitrobenzene
 Concen: 40.69 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Tgt Ion	77	Resp	64972
Ion Ratio	Lower	Upper	
77	100		
123	49.7	59.8	89.8#
65	12.7	10.2	15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.97 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

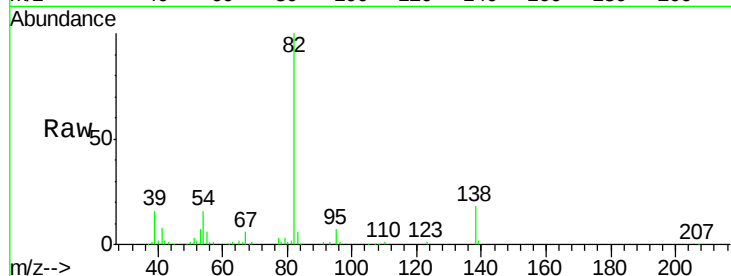
Tot Ion: 82 Resp: 122834

Ion Ratio Lower Upper

82 100

95 7.0 4.0 6.0#

138 17.7 18.3 27.5#



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

7.89

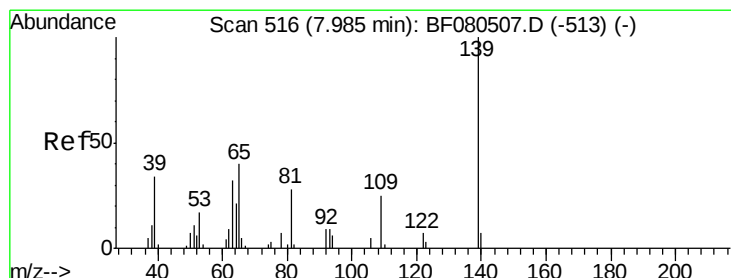
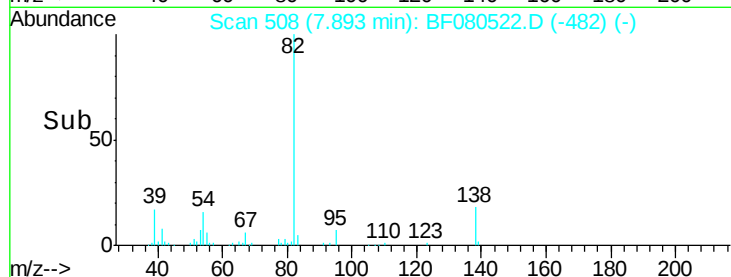
150000

100000

50000

0

Time-->



#26

2-Nitrophenol

Concen: 39.47 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

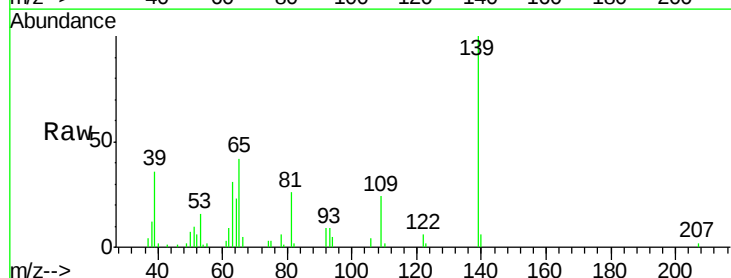
Tgt Ion: 139 Resp: 27348

Ion Ratio Lower Upper

139 100

109 23.8 11.0 16.4#

65 41.7 24.7 37.1#



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

7.98

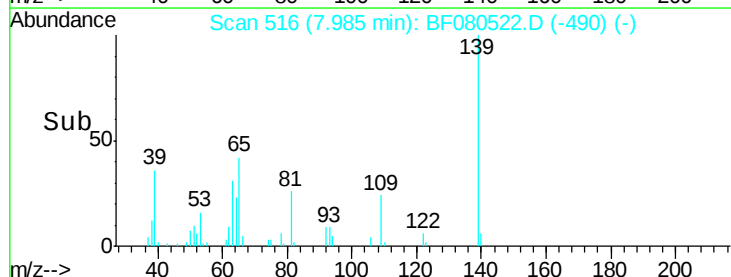
30000

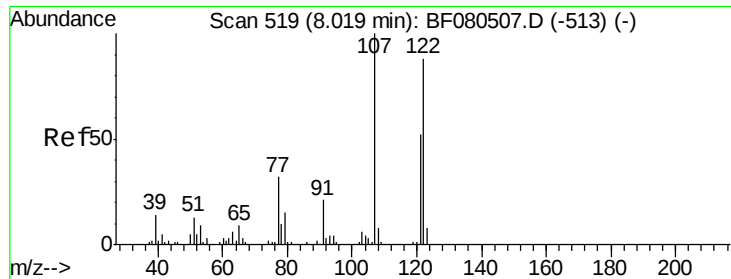
20000

10000

0

Time-->

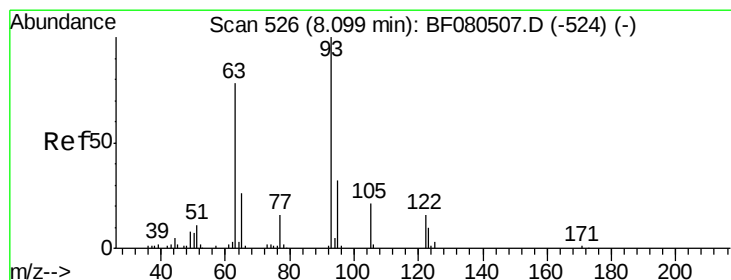
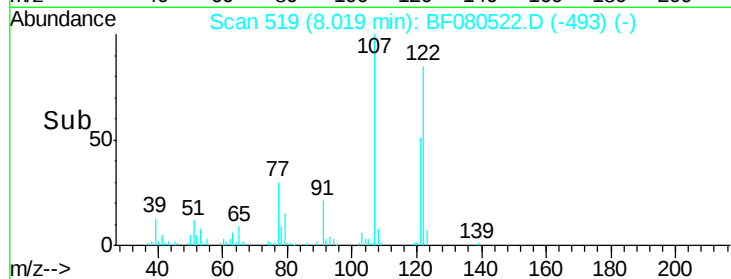
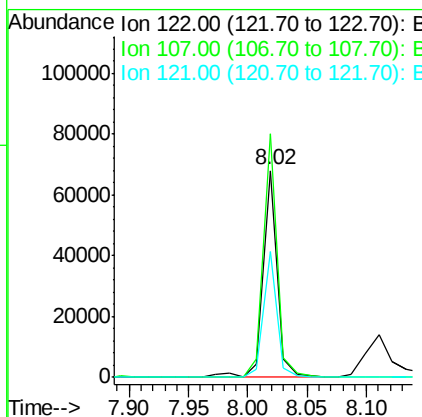
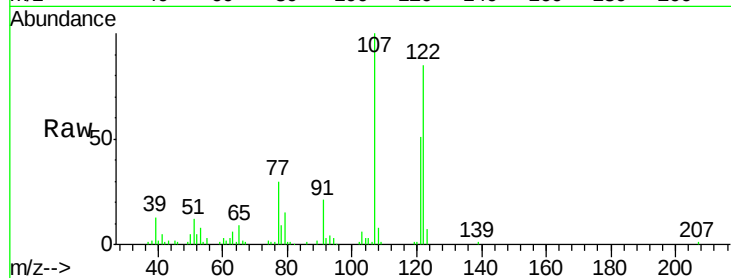




#27
 2,4-Dimethylphenol
 Concen: 42.40 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.00 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

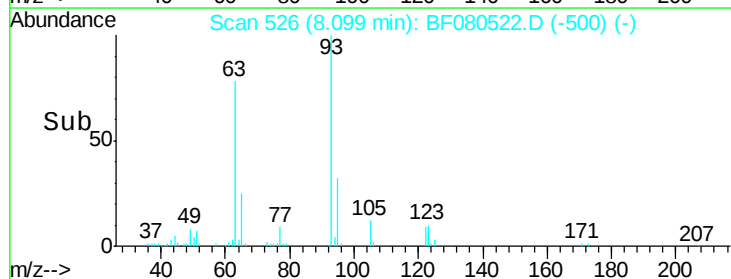
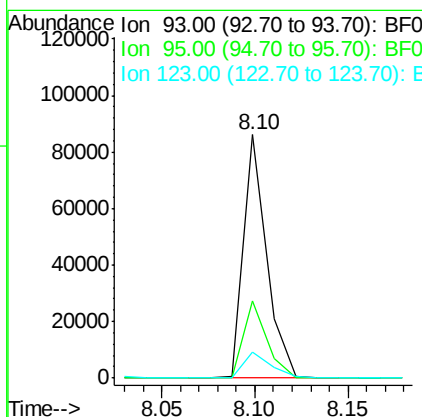
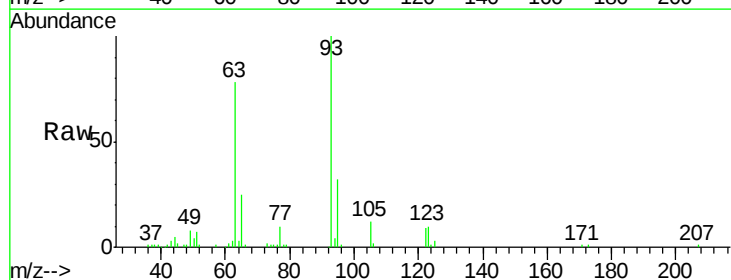
Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MS

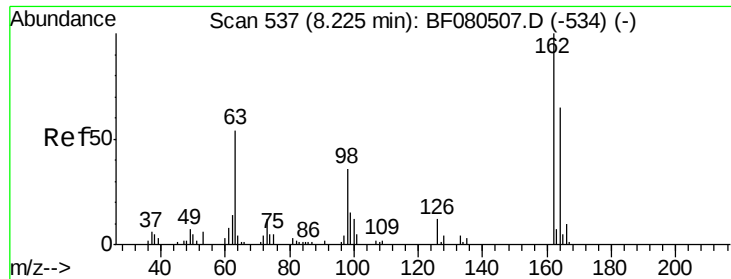
Tot Ion:122 Resp: 56753
 Ion Ratio Lower Upper
 122 100
 107 117.7 71.8 107.6#
 121 60.6 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.10 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Tgt Ion: 93 Resp: 73993
 Ion Ratio Lower Upper
 93 100
 95 31.6 27.5 41.3
 123 10.5 13.7 20.5#





#29

2,4-Dichlorophenol

Concen: 45.76 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

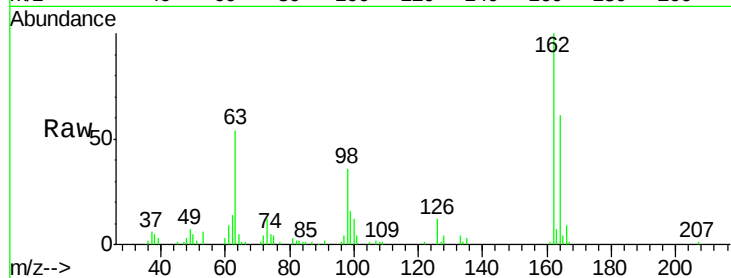
Tot Ion:162 Resp: 55827

Ion Ratio Lower Upper

162 100

164 61.3 44.9 84.9

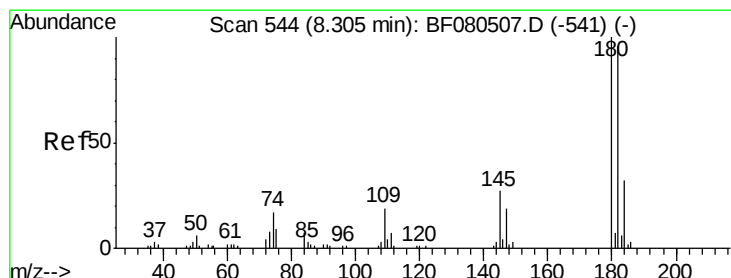
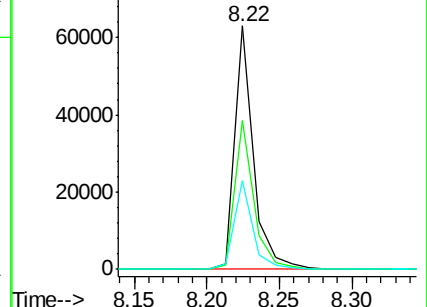
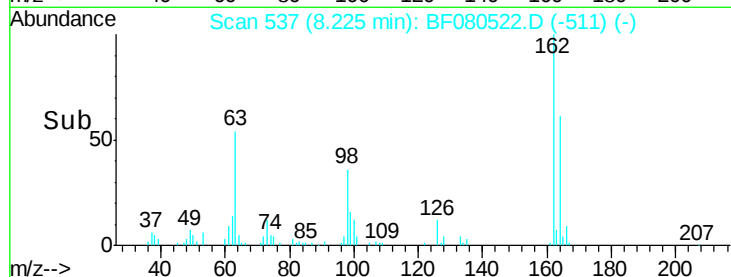
98 36.2 13.0 53.0



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: 36.02 ng

RT: 8.30 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

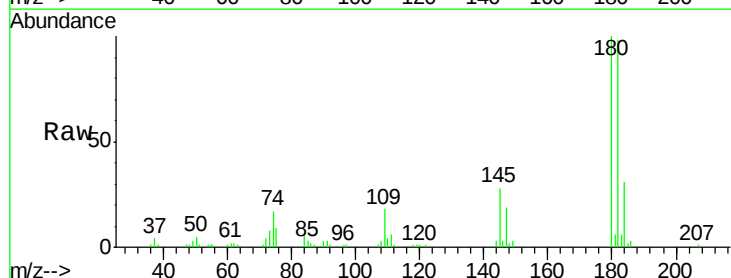
Tgt Ion:180 Resp: 50446

Ion Ratio Lower Upper

180 100

182 97.5 77.1 115.7

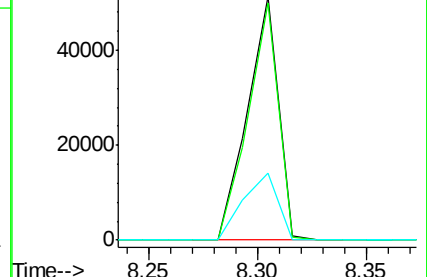
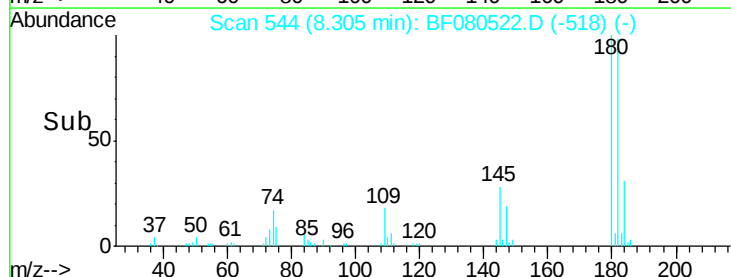
145 27.8 23.3 34.9

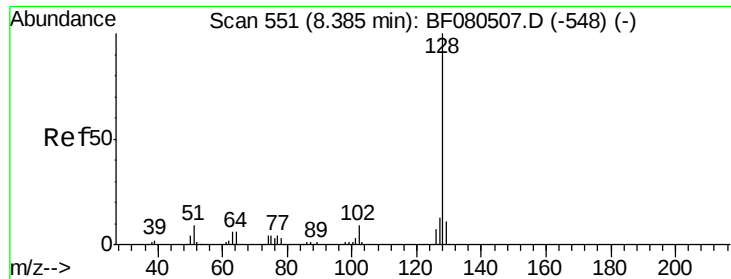


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

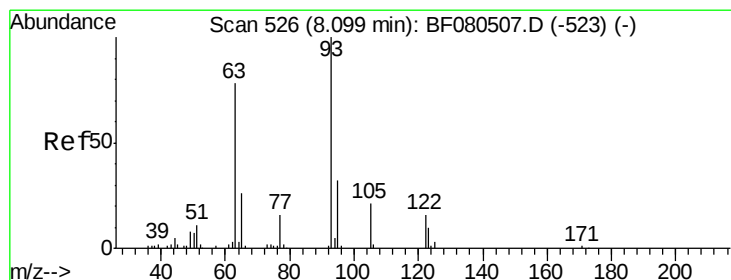
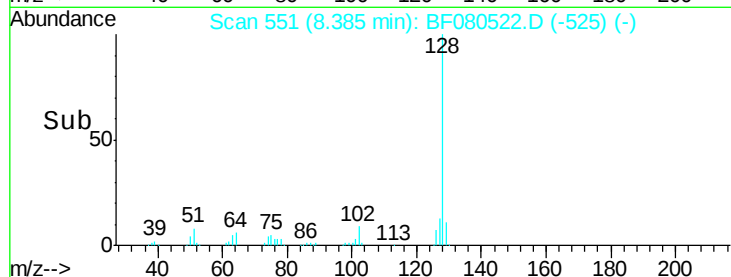
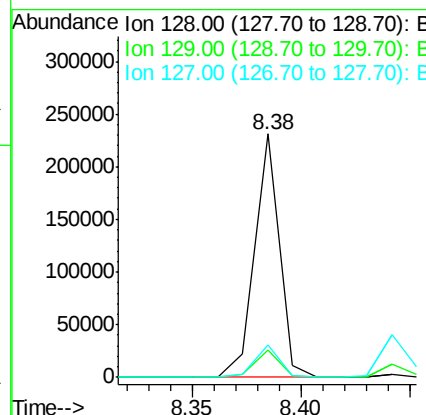
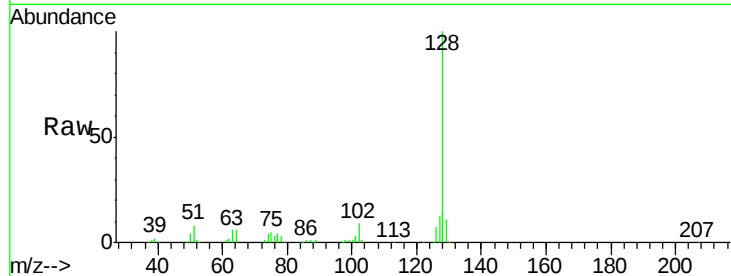




#31
Naphthalene
Concen: 39.88 ng
RT: 8.38 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

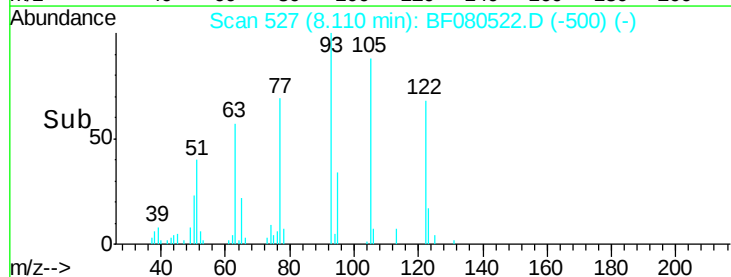
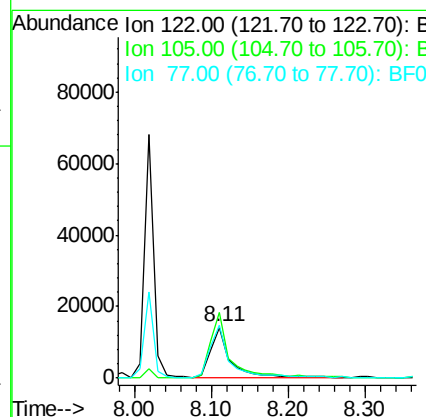
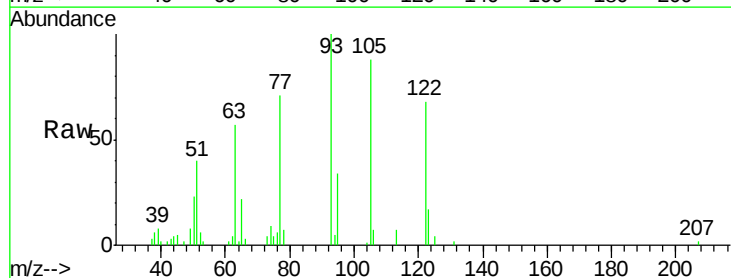
Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

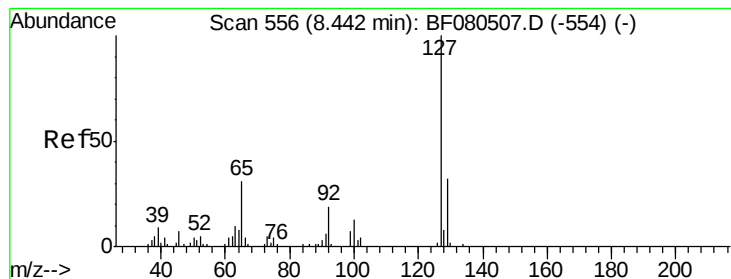
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.4	12.6
127	13.1	9.9	14.9



#32
Benzoic acid
Concen: 37.90 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.5	76.1	116.1#
77	105.0	40.5	80.5#





#33

4-Chloroaniline

Concen: 22.18 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

Tot Ion:127 Resp: 39312

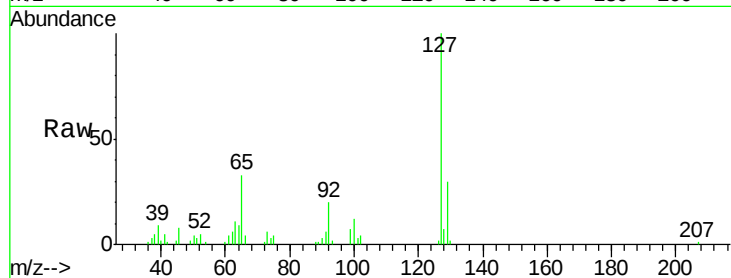
Ion Ratio Lower Upper

127 100

129 30.2 25.8 38.6

65 33.0 17.9 26.9#

92 19.9 10.5 15.7#

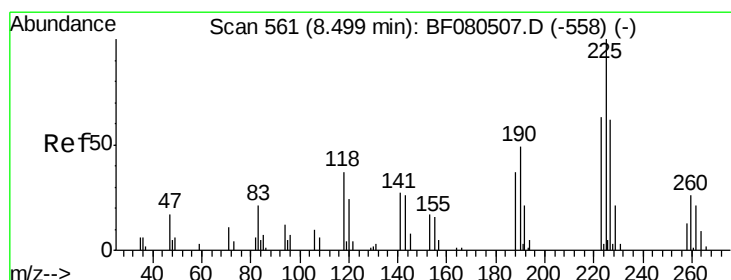
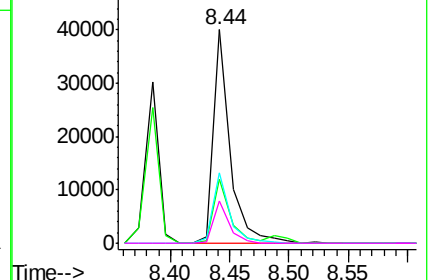
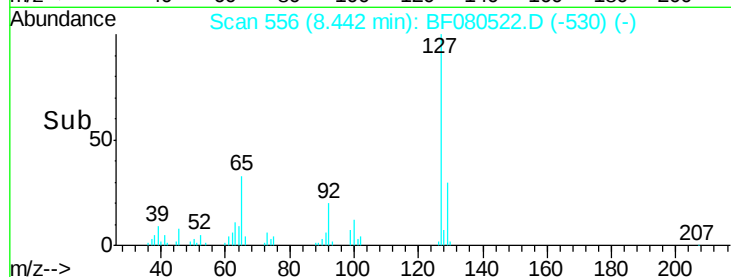


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.82 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

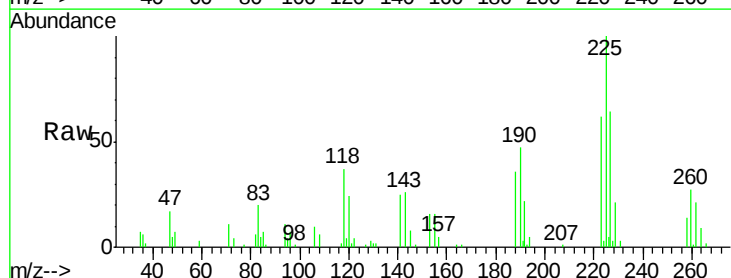
Tgt Ion:225 Resp: 30670

Ion Ratio Lower Upper

225 100

223 62.2 50.2 75.2

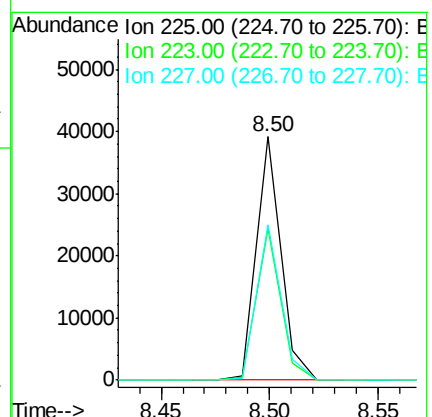
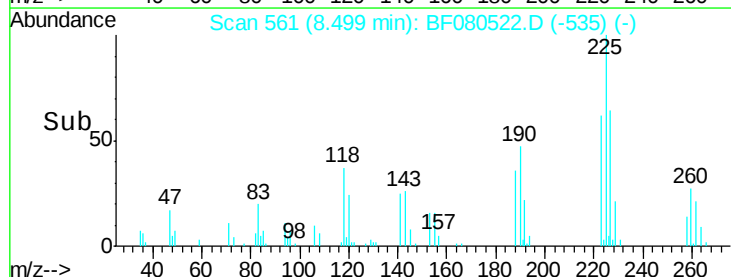
227 63.6 52.2 78.2

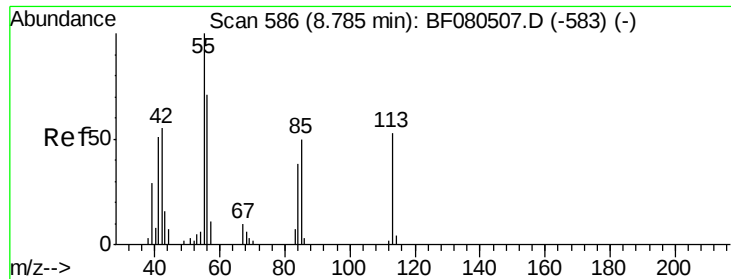


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.21 ng

RT: 8.78 min Scan# 586

Delta R.T. 0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

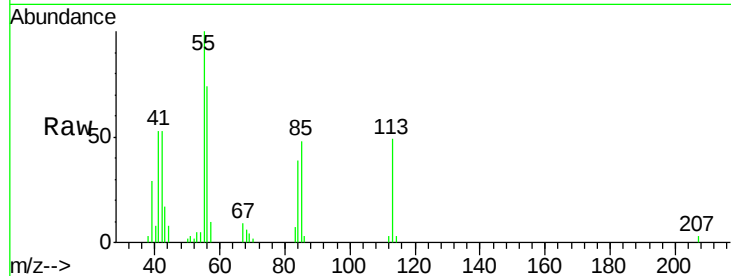
Tot Ion:113 Resp: 10536

Ion Ratio Lower Upper

113 100

55 202.5 152.4 192.4#

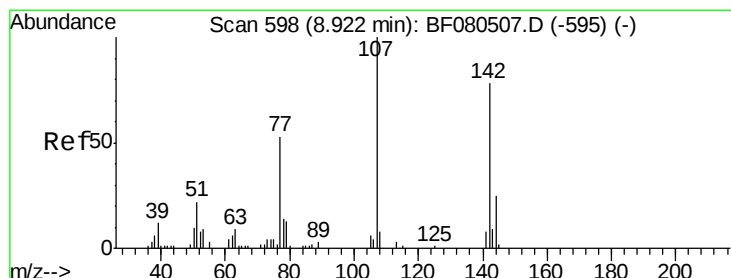
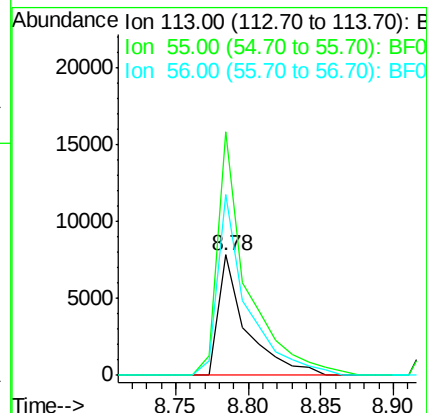
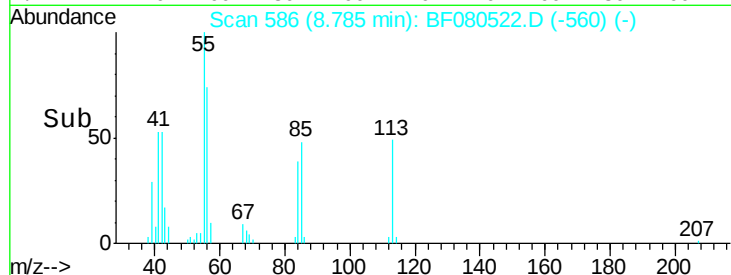
56 150.5 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.51 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

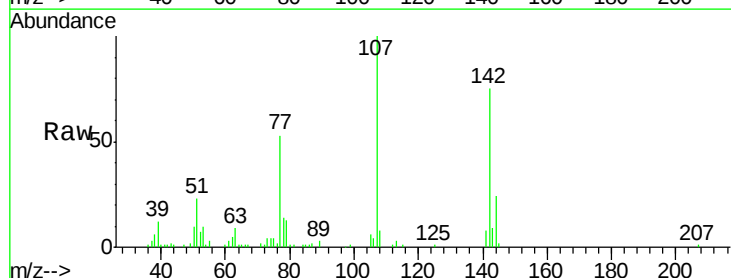
Tgt Ion:107 Resp: 57341

Ion Ratio Lower Upper

107 100

144 23.7 25.4 38.0#

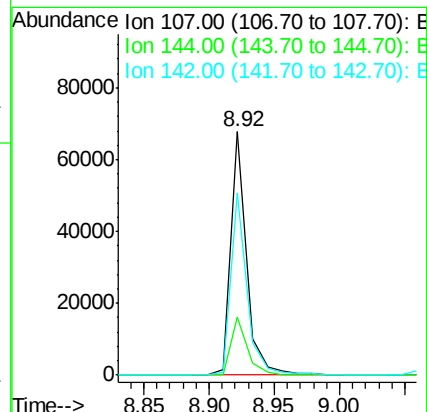
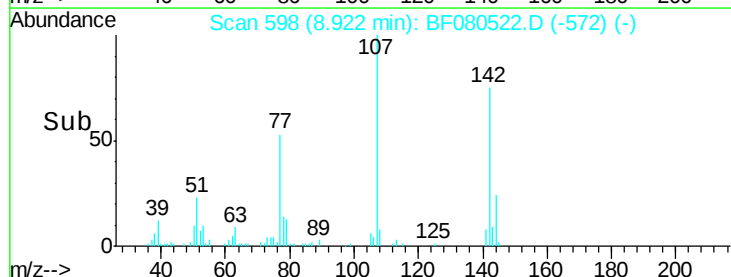
142 74.9 77.3 115.9#

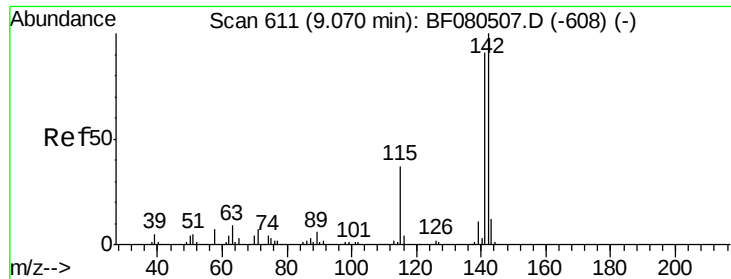


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

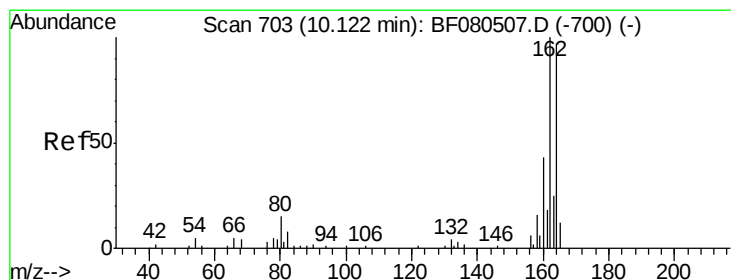
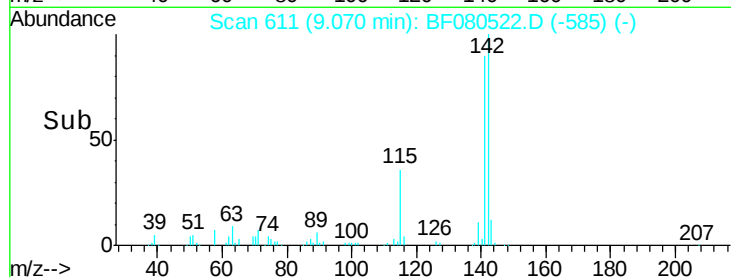
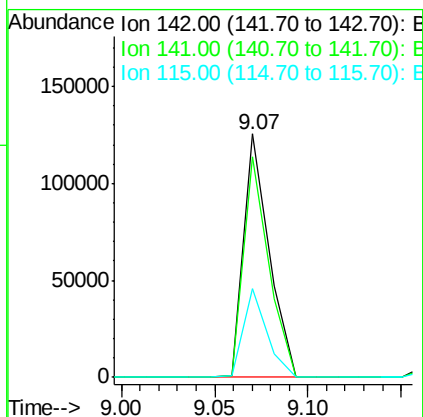
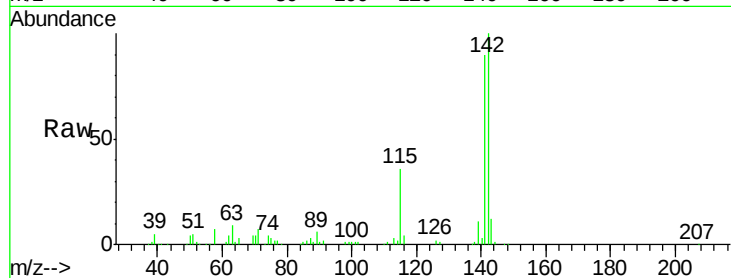




#37
2-Methylnaphthalene
Concen: 43.82 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

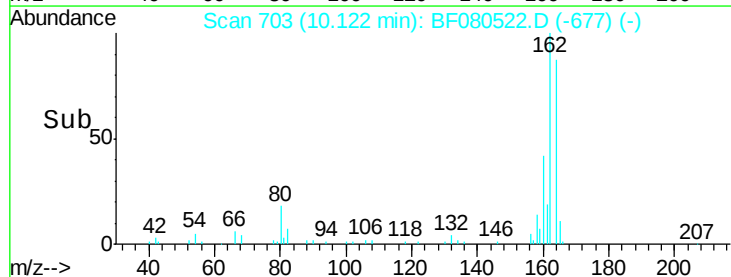
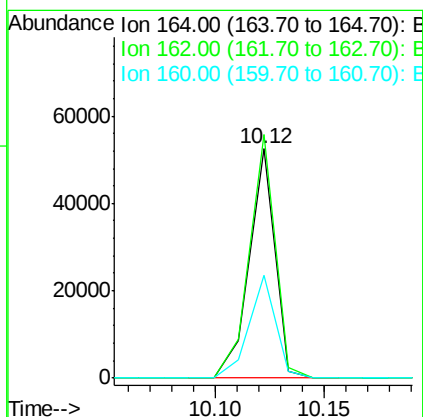
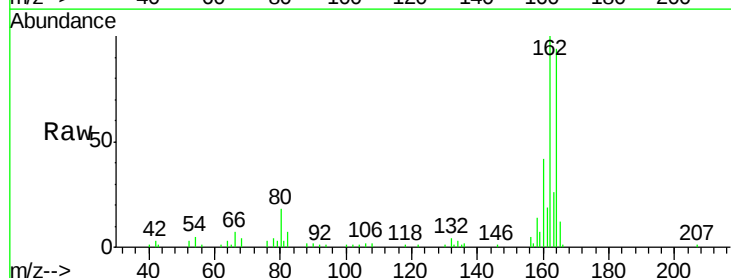
Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

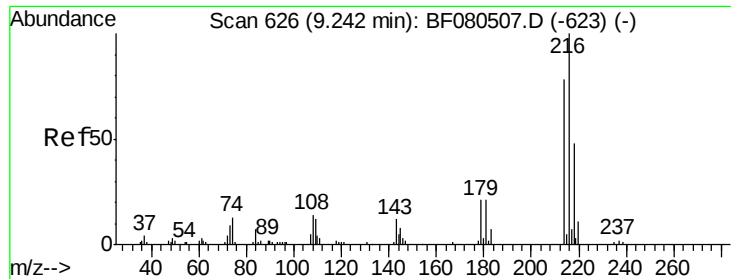
Tot Ion:142 Resp: 119399
Ion Ratio Lower Upper
142 100
141 90.4 67.5 101.3
115 36.5 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion:164 Resp: 42961
Ion Ratio Lower Upper
164 100
162 106.3 75.2 112.8
160 45.2 31.5 47.3

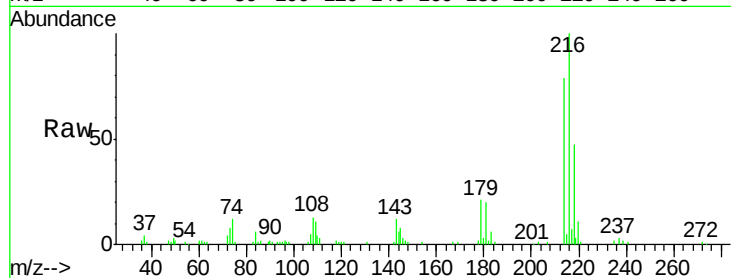




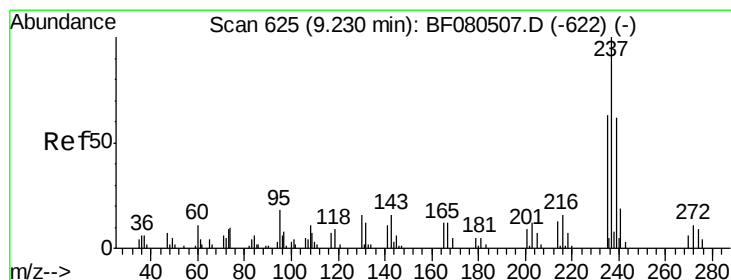
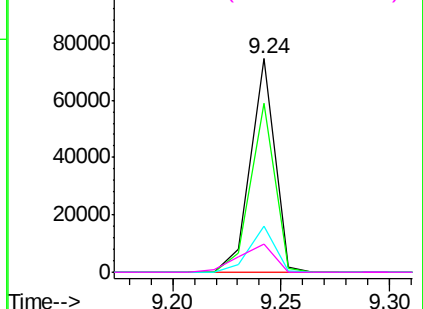
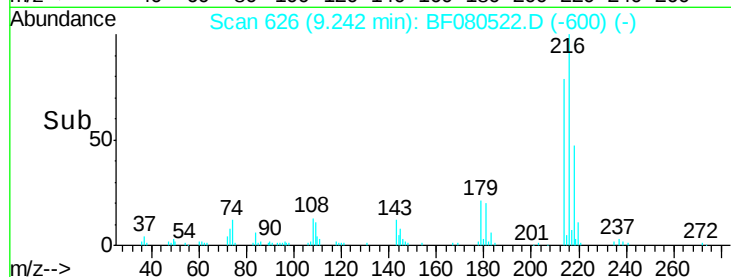
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.97 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MS

Tot Ion:216	Resp:	57825
Ion Ratio	Lower	Upper
216	100	
214	79.4	63.5 95.3
179	22.3	16.6 24.8
108	19.0	16.3 24.5

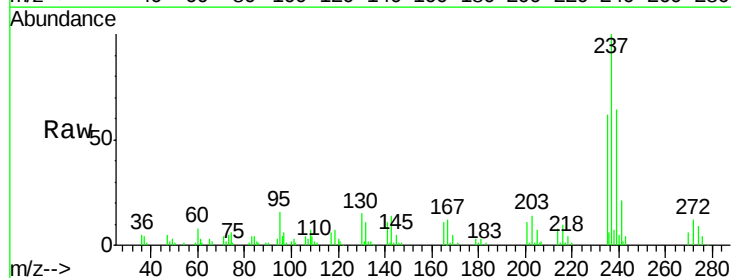


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

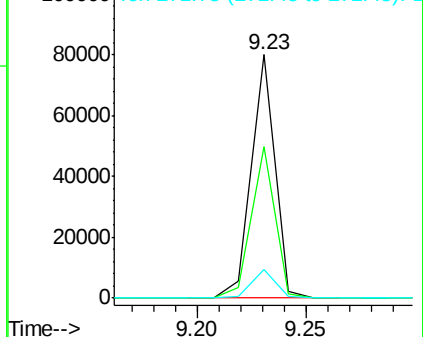
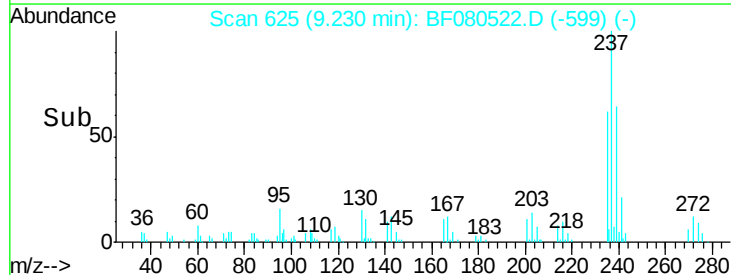


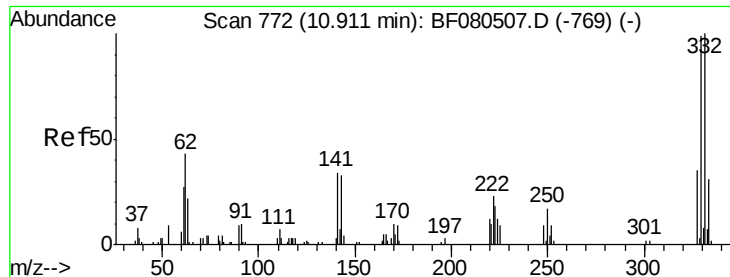
#40
 Hexachlorocyclopentadiene
 Concen: 89.34 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Tgt Ion:237	Resp:	60408
Ion Ratio	Lower	Upper
237	100	
235	62.3	42.0 82.0
272	11.8	0.0 36.1



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: 154.25 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

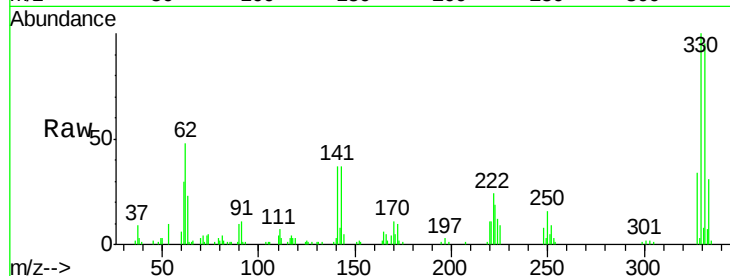
Tot Ion:330 Resp: 51561

Ion Ratio Lower Upper

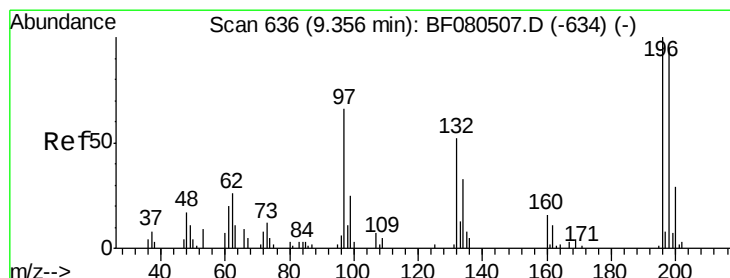
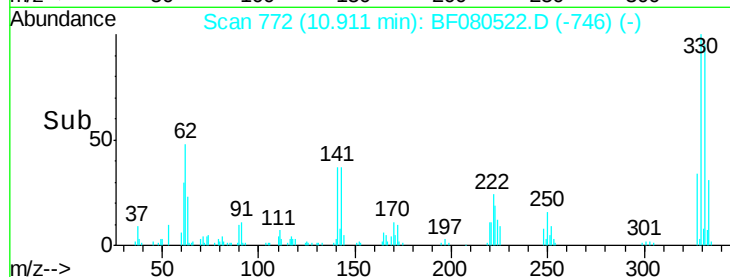
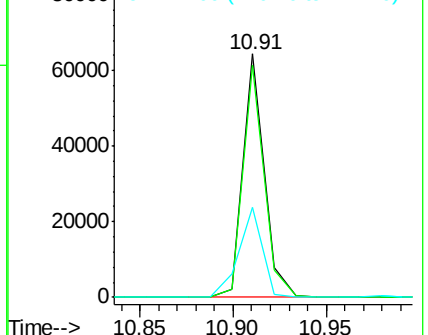
330 100

332 94.5 76.6 114.8

141 41.0 29.7 44.5



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: 45.55 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

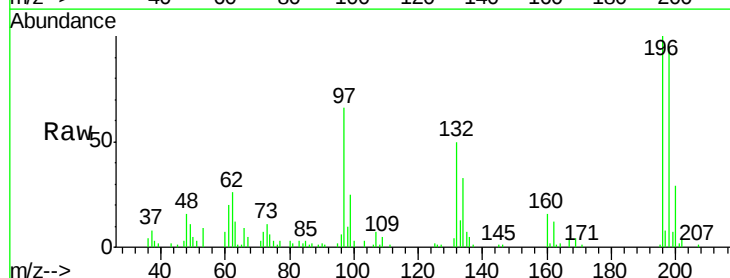
Tgt Ion:196 Resp: 37558

Ion Ratio Lower Upper

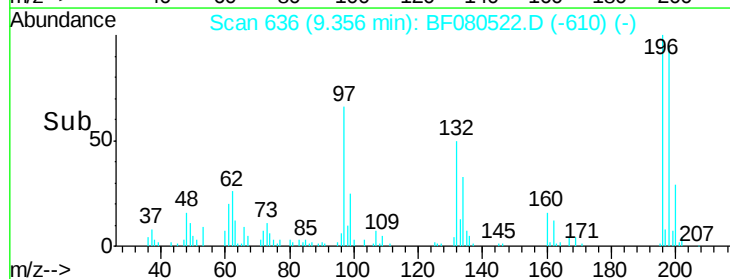
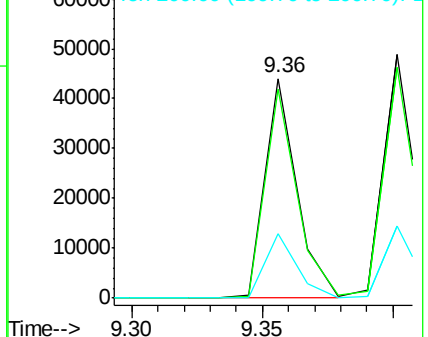
196 100

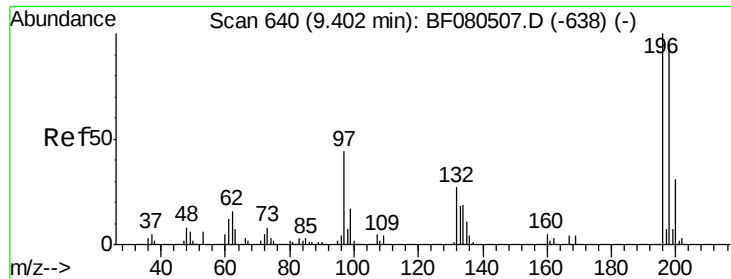
198 95.3 75.7 113.5

200 29.2 23.9 35.9



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

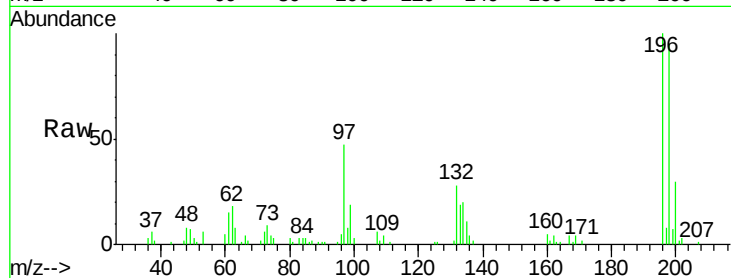




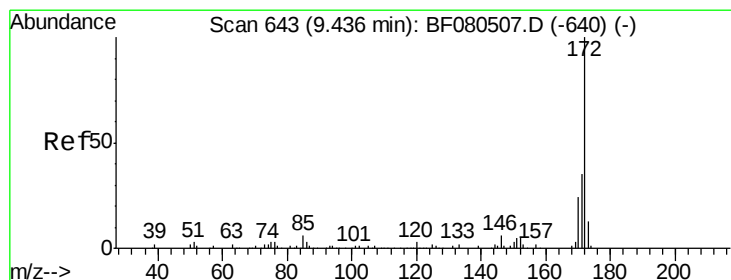
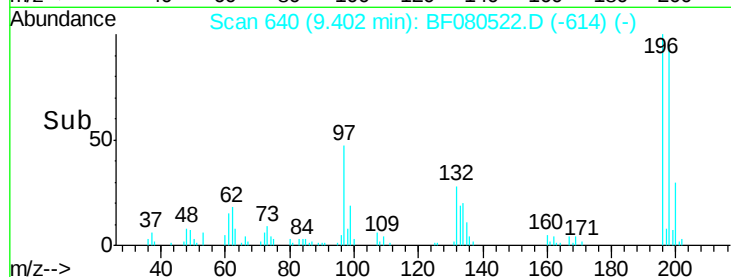
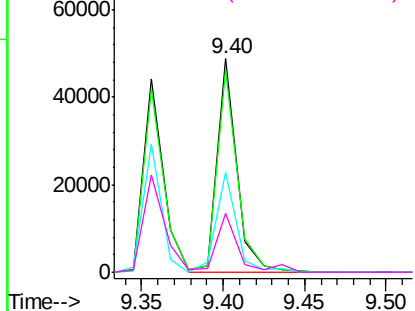
#43
 2,4,5-Trichlorophenol
 Concen: 46.81 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MS

Tot Ion:	196	Resp:	41087
Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.4	113.0
97	46.5	33.3	49.9
132	27.6	24.6	37.0

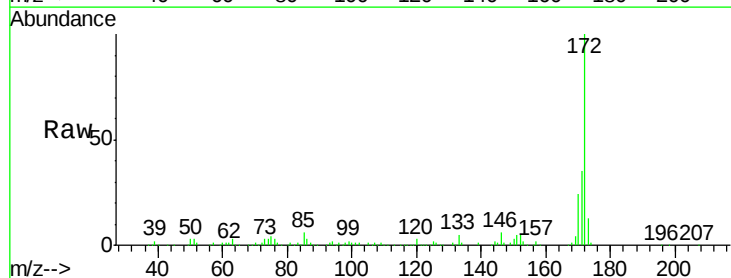


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

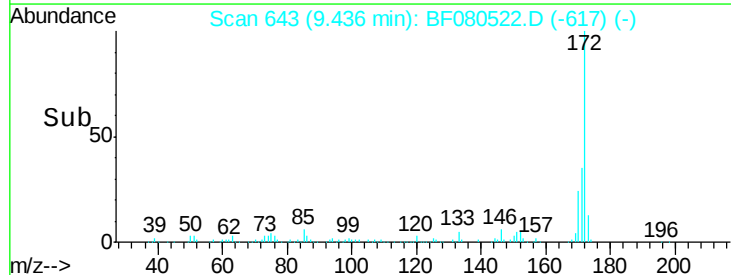
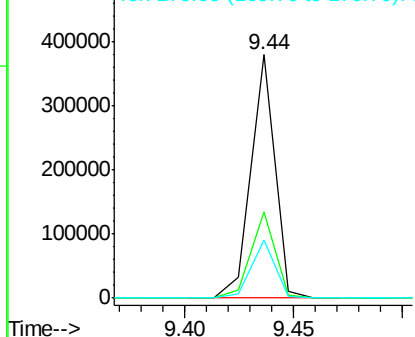


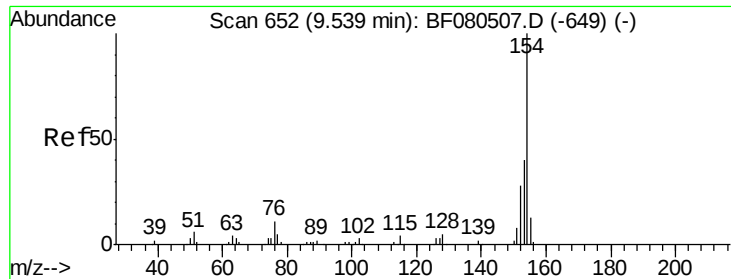
#44
 2-Fluorobiphenyl
 Concen: 91.94 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Tgt Ion:	172	Resp:	290267
Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.1	39.1
170	23.6	17.4	26.2



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

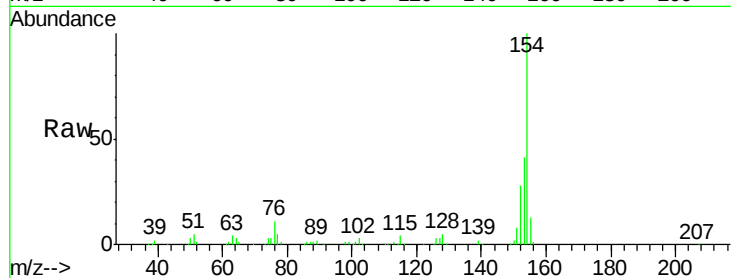




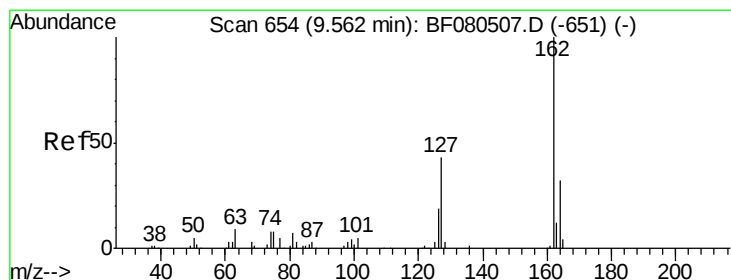
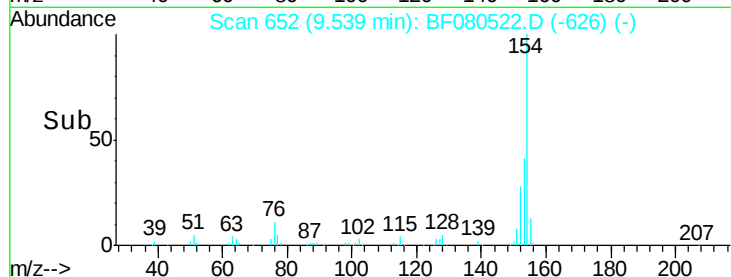
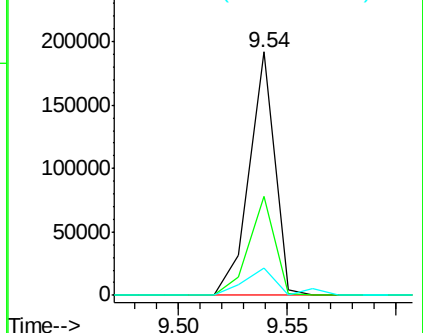
#45
 1,1'-Biphenyl
 Concen: 44.60 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	17.1	57.1
76	11.5	0.0	31.6

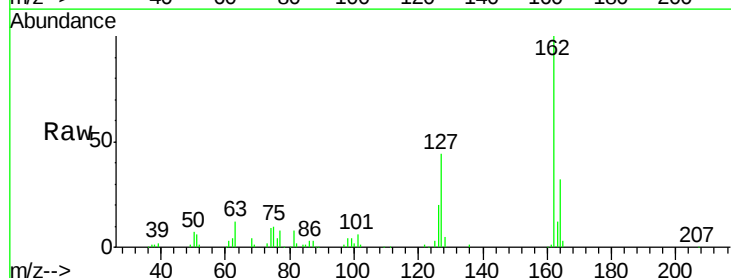


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

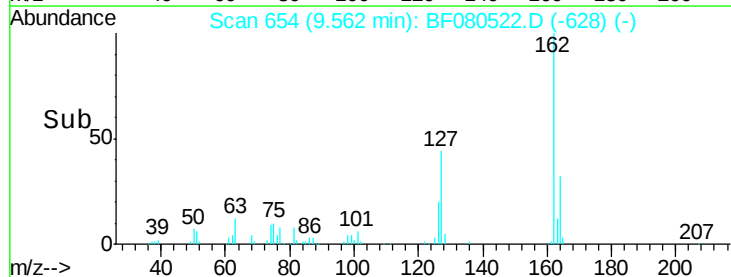
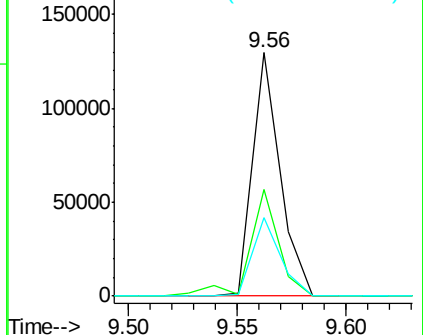


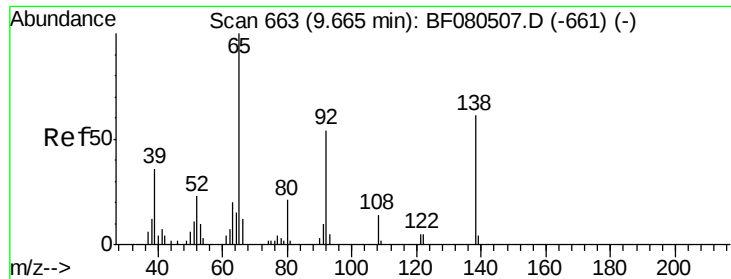
#46
 2-Chloronaphthalene
 Concen: 43.22 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.6	27.6	41.4#
164	32.1	25.4	38.2



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

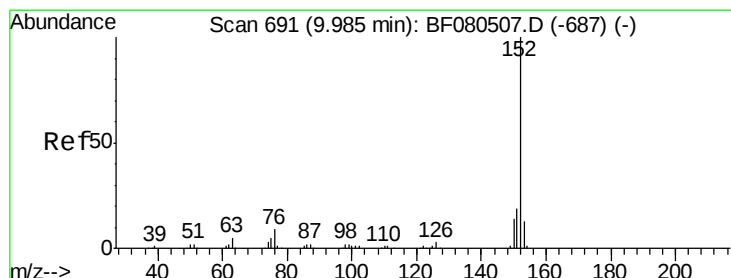
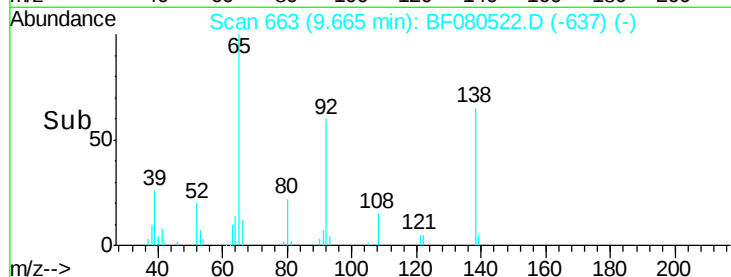
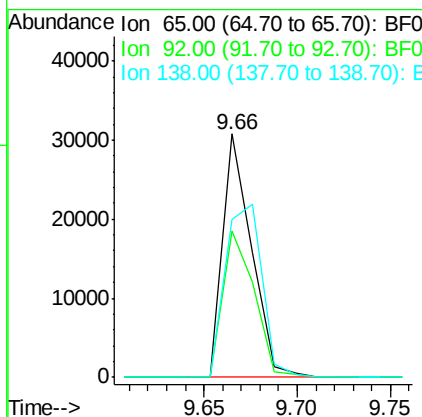
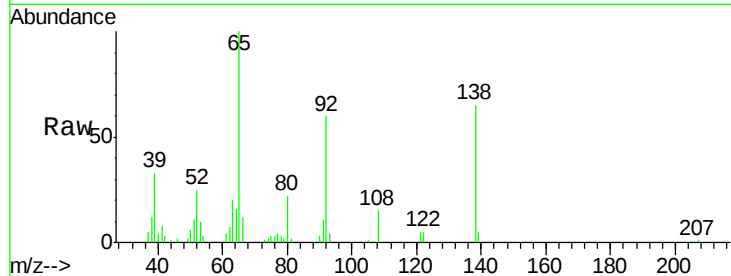




#47
2-Nitroaniline
Concen: 48.92 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

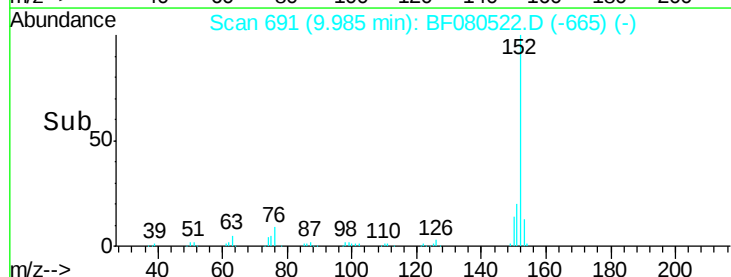
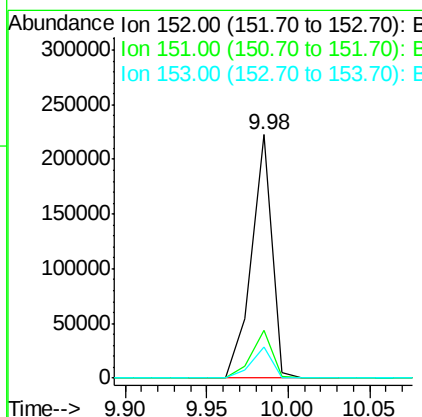
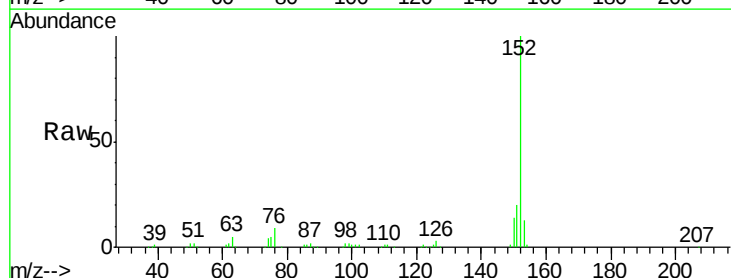
Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

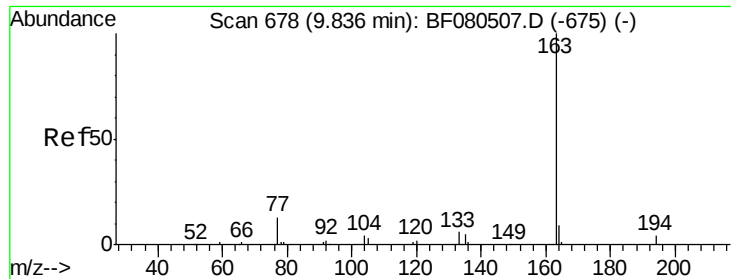
Tot Ion: 65 Resp: 33152
Ion Ratio Lower Upper
65 100
92 60.1 55.4 83.0
138 65.1 115.5 173.3#



#48
Acenaphthylene
Concen: 44.12 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion: 152 Resp: 194355
Ion Ratio Lower Upper
152 100
151 19.6 14.6 22.0
153 12.6 10.3 15.5

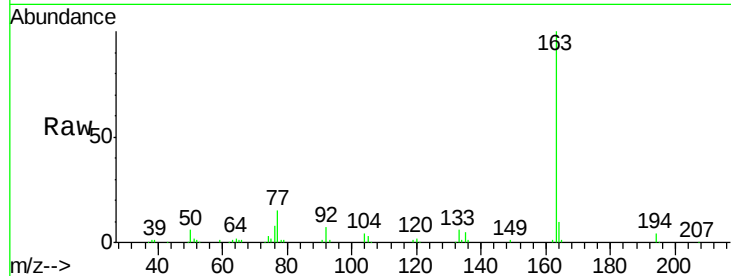




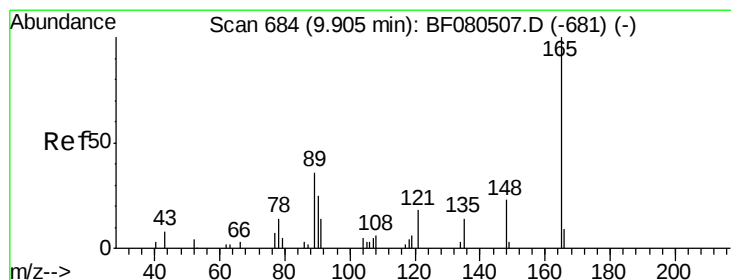
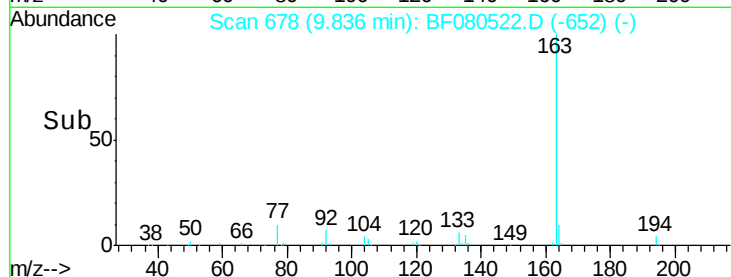
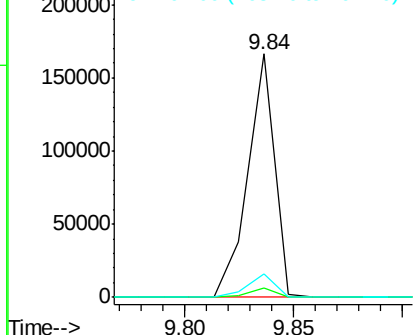
#49
Dimethylphthalate
Concen: 47.96 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

Tot Ion:163 Resp: 141322
Ion Ratio Lower Upper
163 100
194 3.8 4.4 6.6#
164 9.9 8.3 12.5

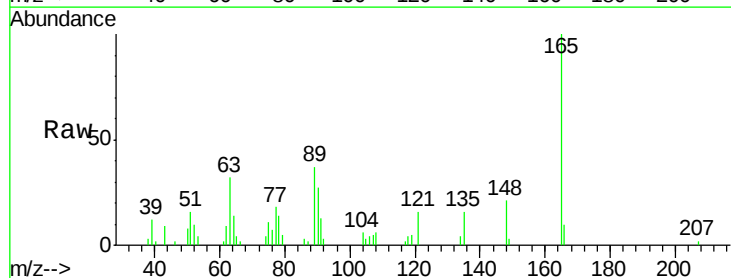


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

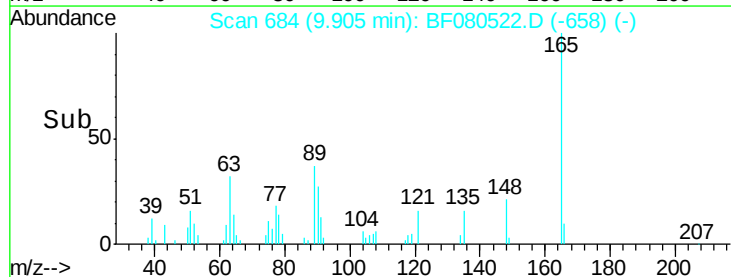
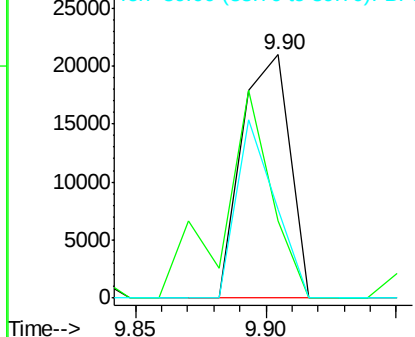


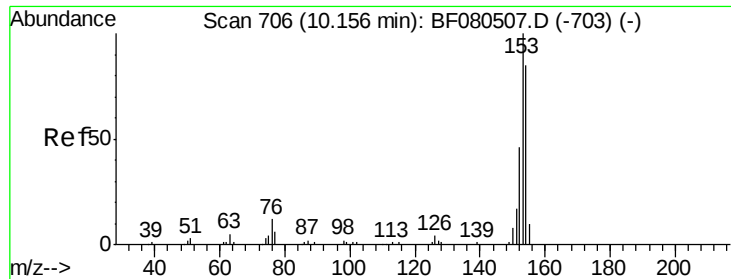
#50
2,6-Dinitrotoluene
Concen: 46.21 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion:165 Resp: 26642
Ion Ratio Lower Upper
165 100
63 31.8 32.3 48.5#
89 36.7 28.6 43.0



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

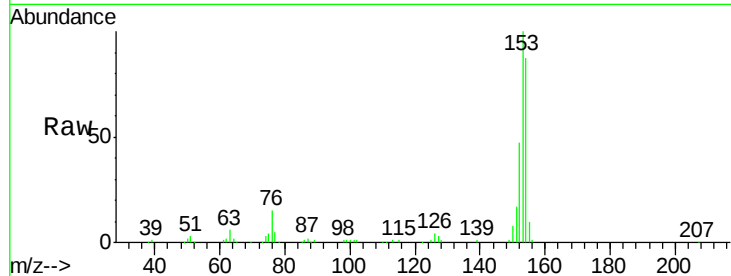




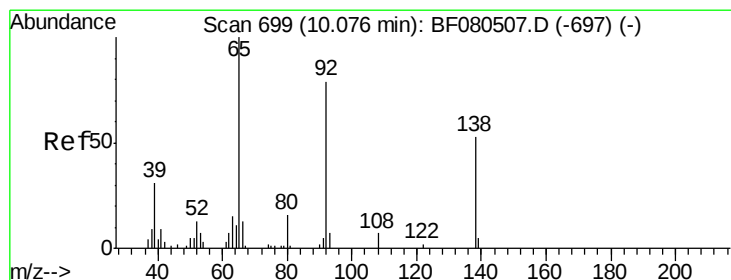
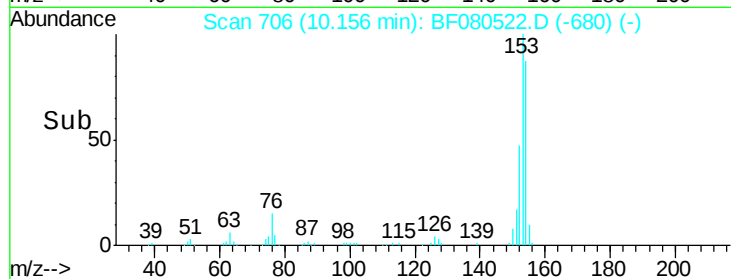
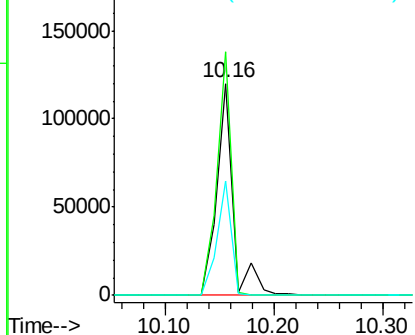
#51
Acenaphthene
Concen: 49.11 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

Tot Ion:154 Resp: 127851
Ion Ratio Lower Upper
154 100
153 114.7 82.1 123.1
152 54.0 37.9 56.9

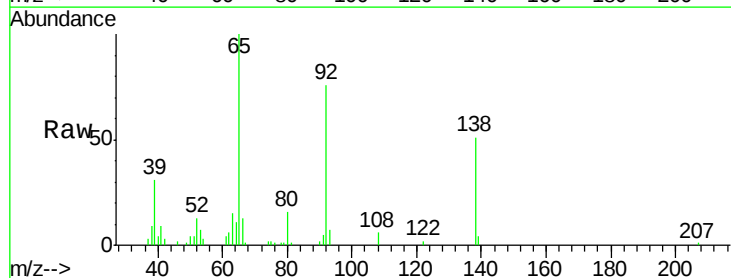


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

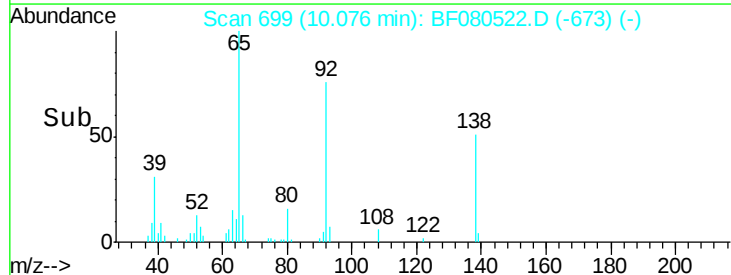
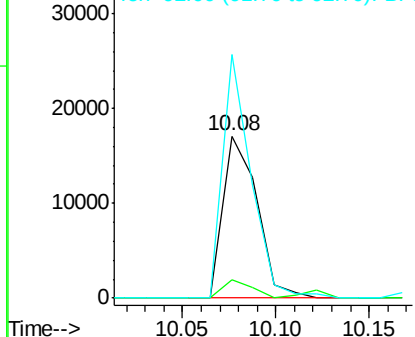


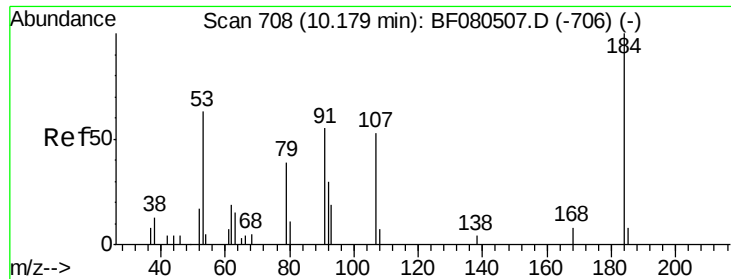
#52
3-Nitroaniline
Concen: 34.14 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion:138 Resp: 21747
Ion Ratio Lower Upper
138 100
108 11.4 5.7 8.5#
92 150.2 67.7 101.5#



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

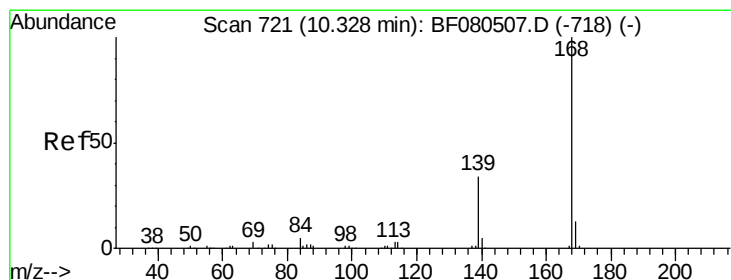
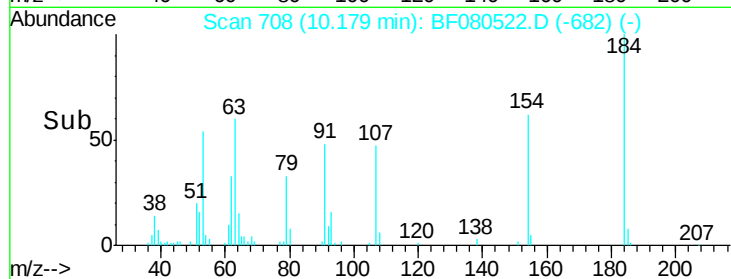
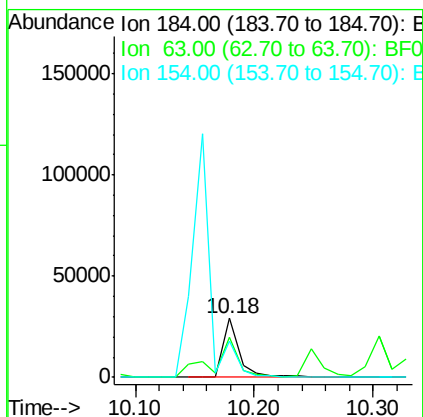
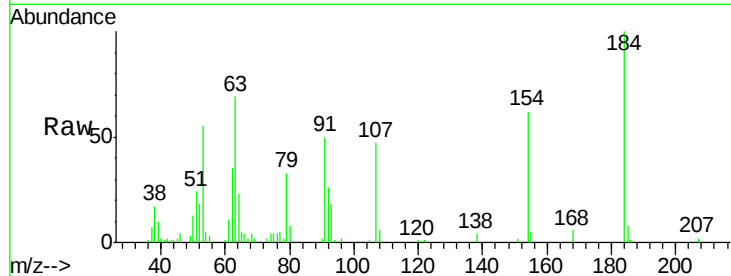




#53
2,4-Dinitrophenol
Concen: 87.77 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

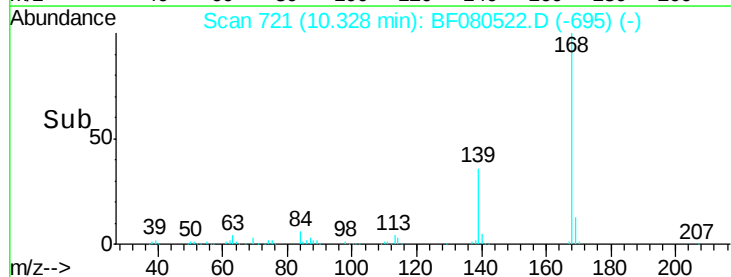
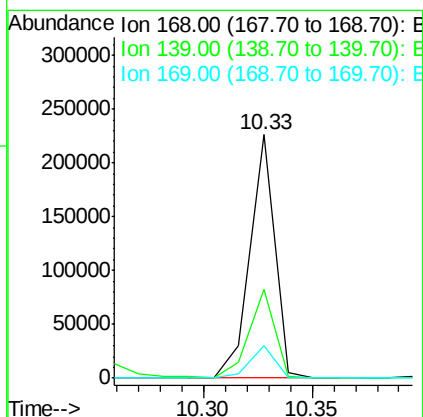
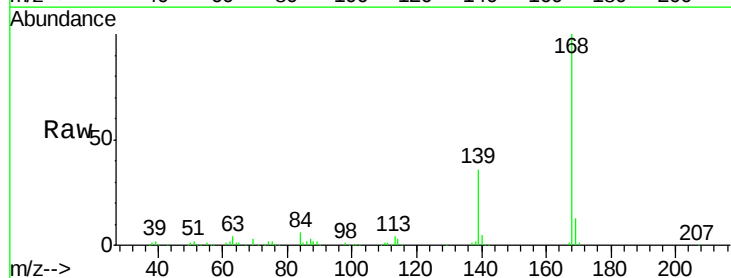
Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

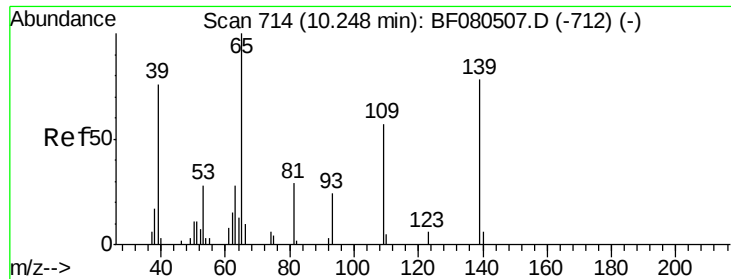
Tot Ion:184 Resp: 27272
Ion Ratio Lower Upper
184 100
63 68.6 35.4 53.2#
154 61.7 32.2 48.4#



#54
Dibenzofuran
Concen: 47.66 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion:168 Resp: 179358
Ion Ratio Lower Upper
168 100
139 36.3 24.2 36.2#
169 13.3 10.6 15.8

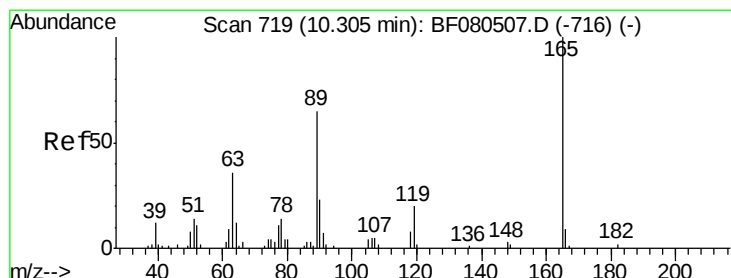
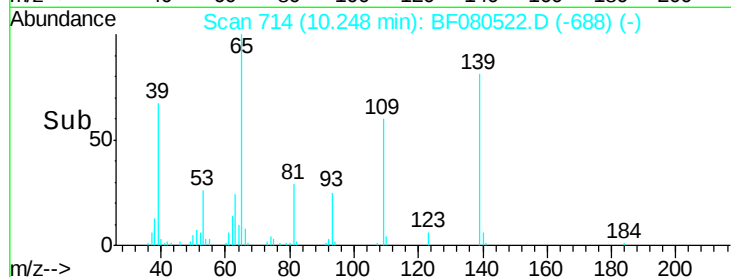
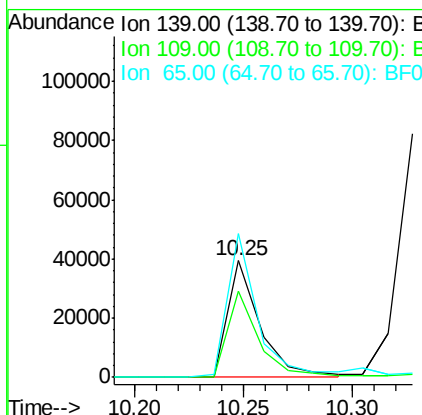
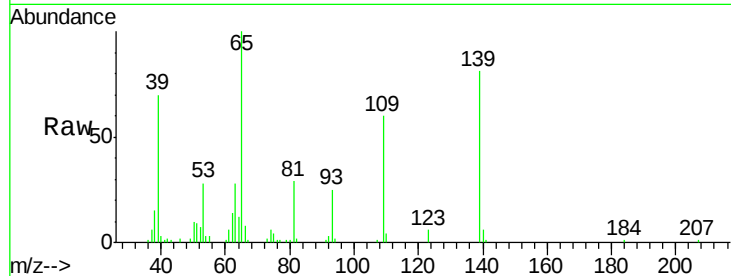




#55
4-Nitrophenol
Concen: 88.93 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

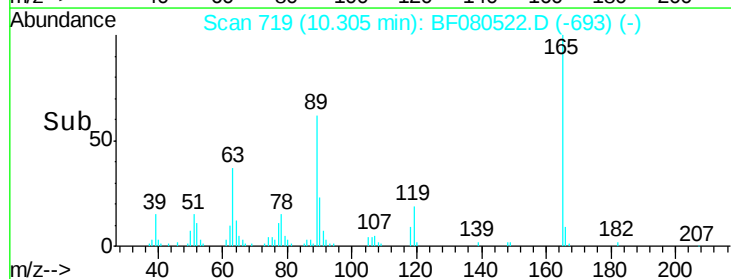
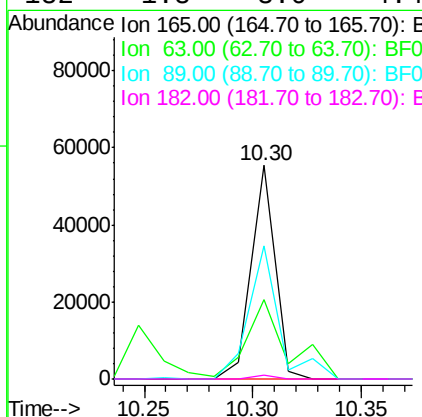
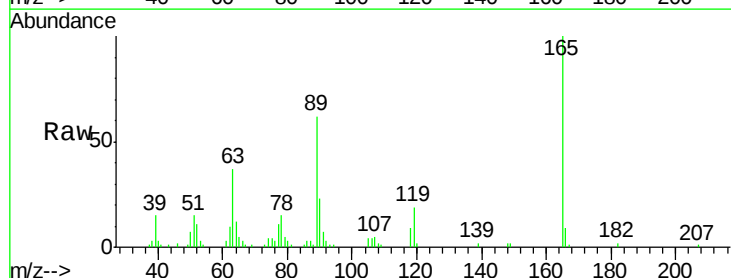
Instrument :
BNA_F
ClientSampled :
TEC-E4MS

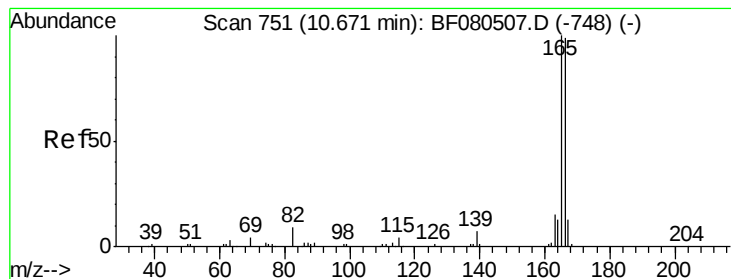
Tot Ion:139 Resp: 40793
Ion Ratio Lower Upper
139 100
109 74.3 12.7 52.7#
65 123.7 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 50.80 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion:165 Resp: 42446
Ion Ratio Lower Upper
165 100
63 36.9 29.8 44.6
89 62.5 44.5 66.7
182 1.8 3.0 4.4#





#57

Fluorene

Concen: 45.09 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

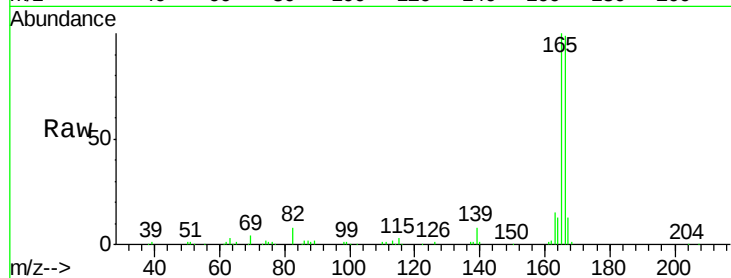
Tot Ion:166 Resp: 133209

Ion Ratio Lower Upper

166 100

165 101.3 72.6 109.0

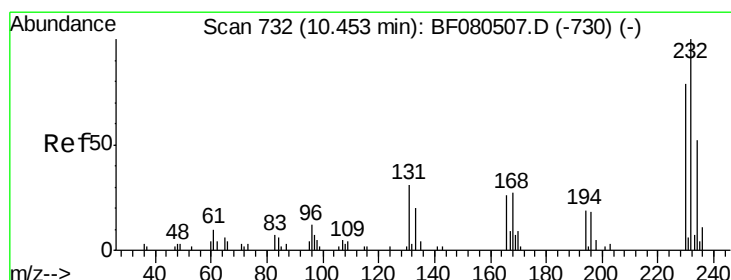
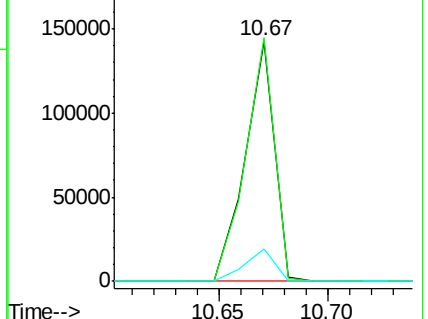
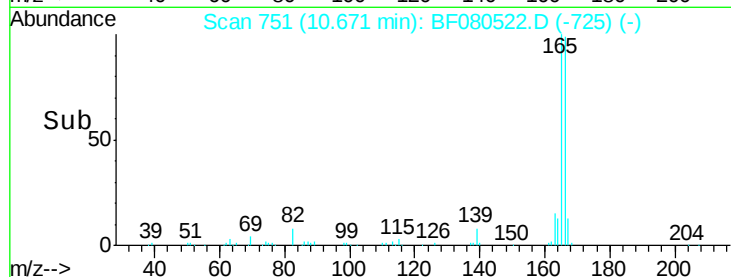
167 13.3 10.6 16.0



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: 45.83 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Tgt Ion:232 Resp: 29349

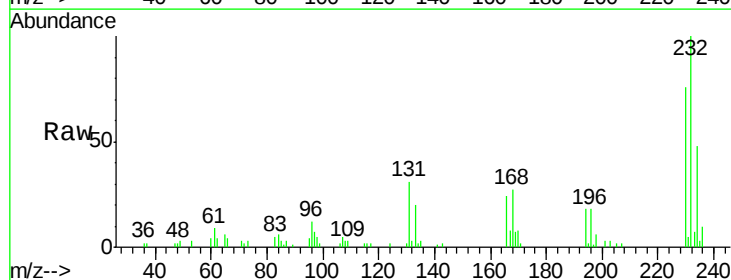
Ion Ratio Lower Upper

232 100

131 49.9 38.5 57.7

130 2.3 1.8 2.6

166 32.0 25.0 37.6

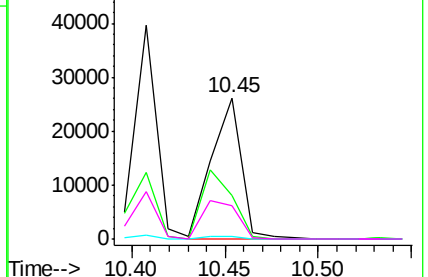
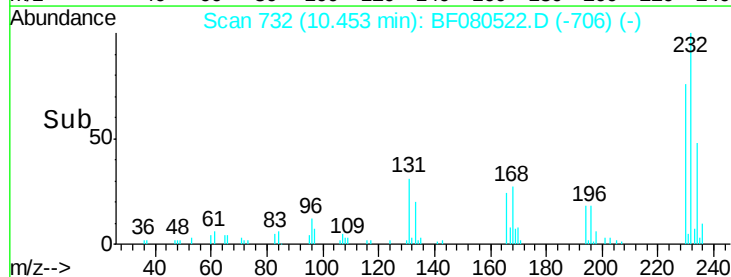


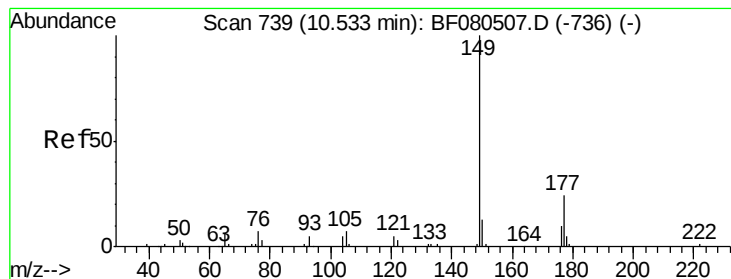
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.40 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

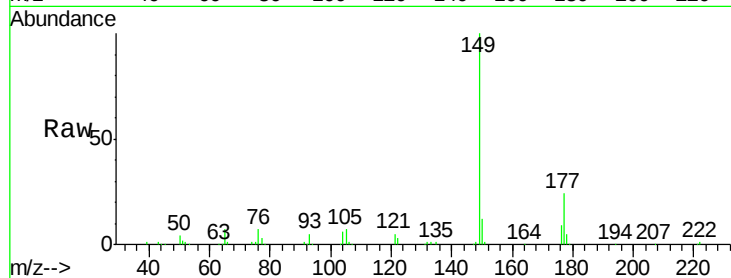
Tot Ion:149 Resp: 128940

Ion Ratio Lower Upper

149 100

177 23.9 17.5 26.3

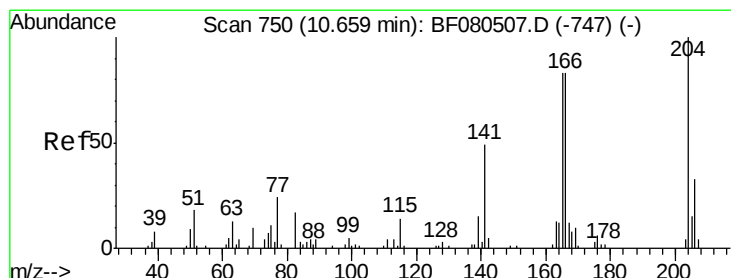
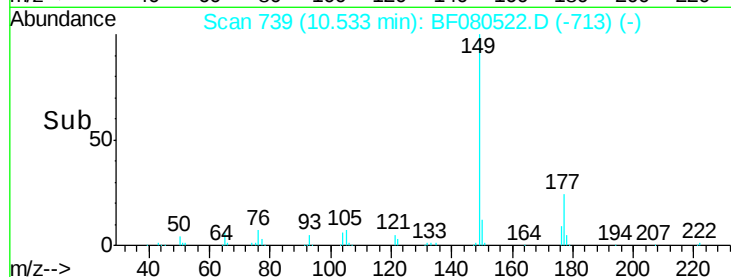
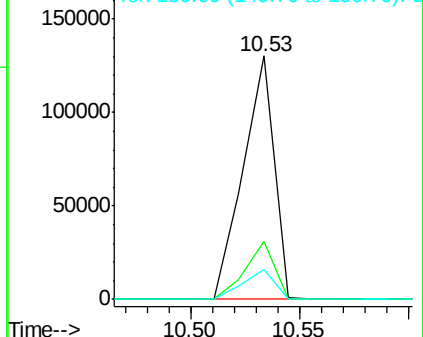
150 12.3 9.4 14.2



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: 45.45 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

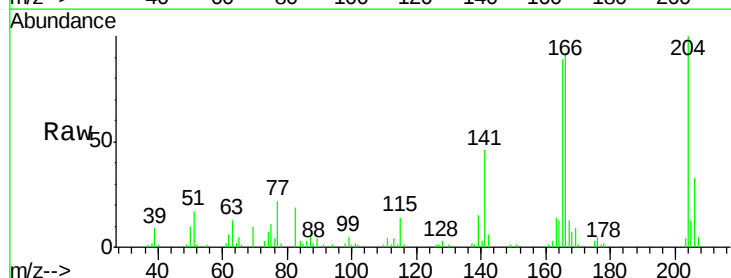
Tgt Ion:204 Resp: 60100

Ion Ratio Lower Upper

204 100

206 33.3 24.8 37.2

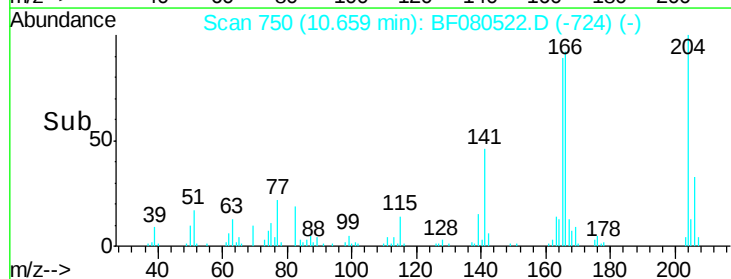
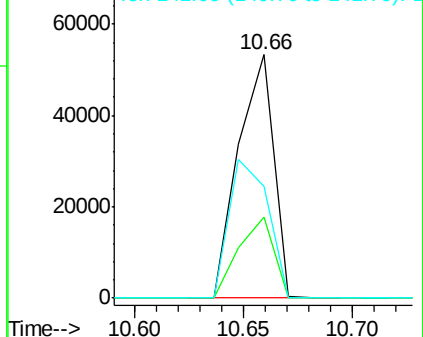
141 45.9 42.2 63.4

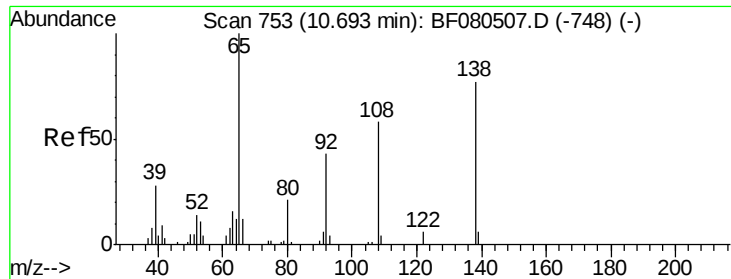


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.70 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

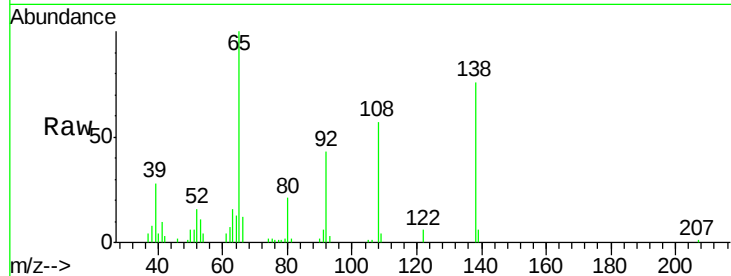
Tot Ion:138 Resp: 28817

Ion Ratio Lower Upper

138 100

92 56.1 12.6 52.6#

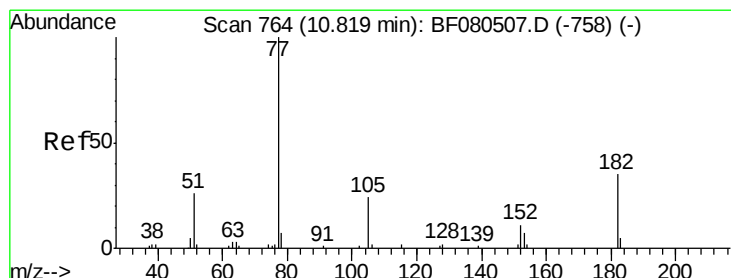
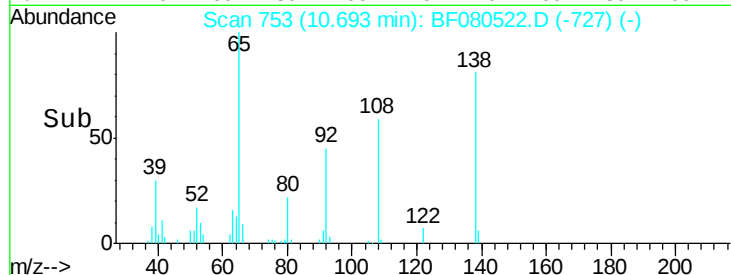
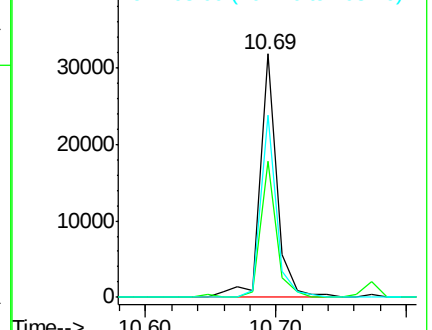
108 74.8 12.4 52.4#



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: 51.02 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Tgt Ion: 77 Resp: 148945

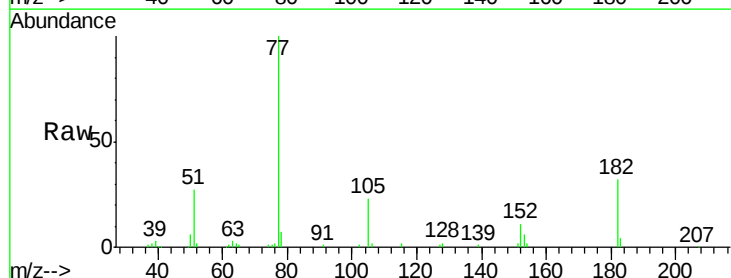
Ion Ratio Lower Upper

77 100

182 32.2 15.1 55.1

105 22.8 3.4 43.4

51 27.0 12.0 52.0

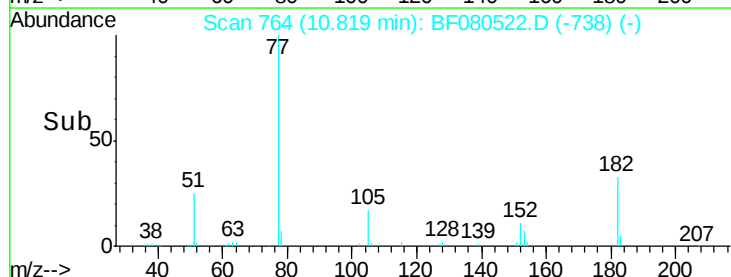
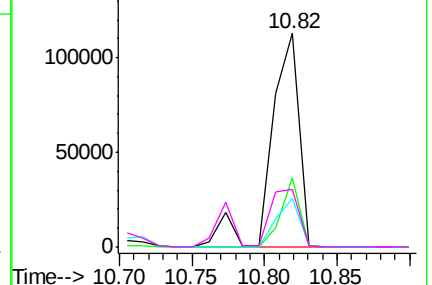


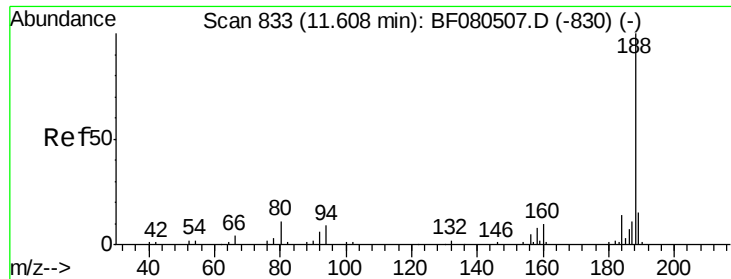
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.61 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

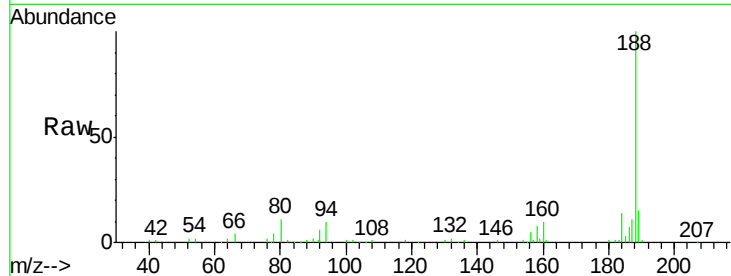
Tot Ion:188 Resp: 82457

Ion Ratio Lower Upper

188 100

94 10.4 11.1 16.7#

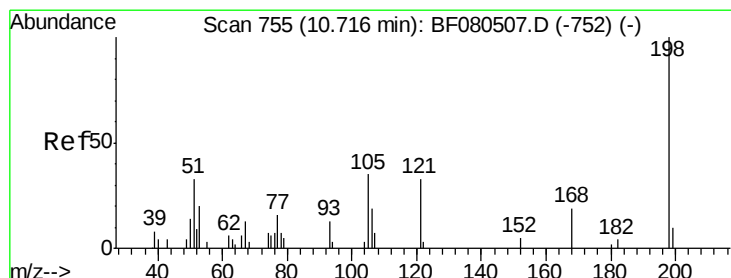
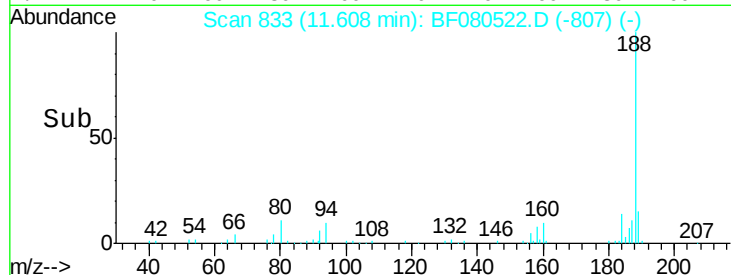
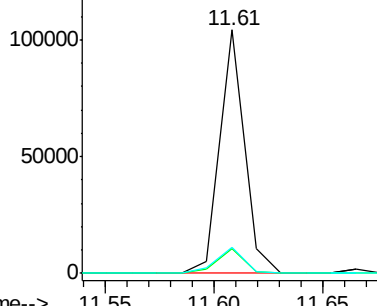
80 10.9 11.0 16.4#



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: 40.00 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

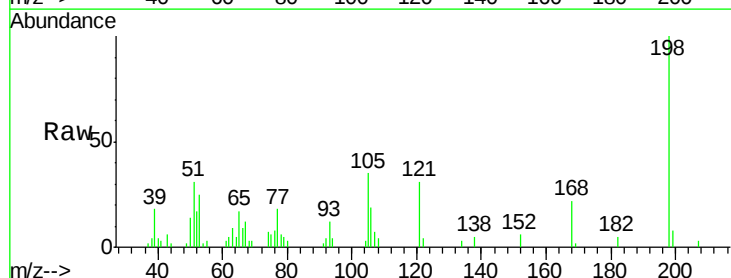
Tgt Ion:198 Resp: 16075

Ion Ratio Lower Upper

198 100

51 31.1 39.6 79.6#

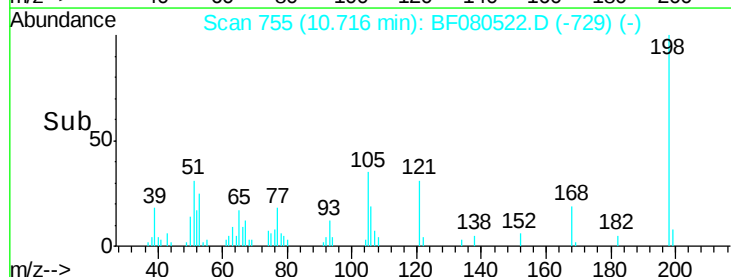
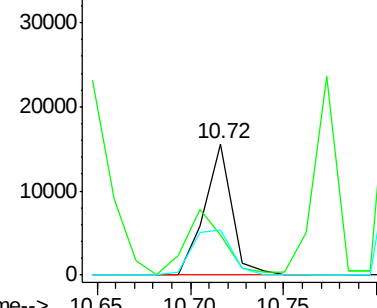
105 34.5 28.5 68.5

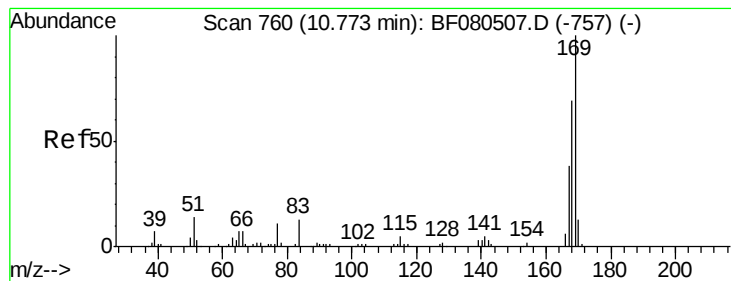


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

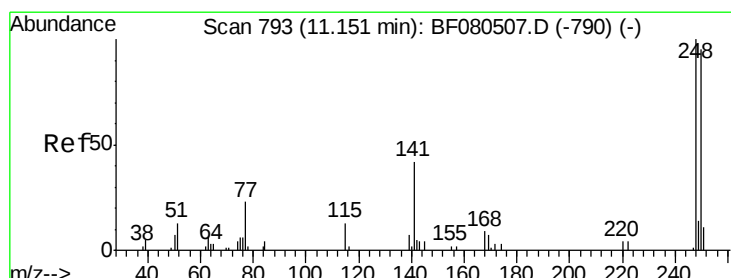
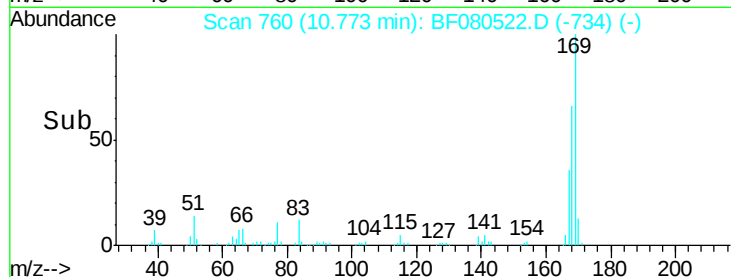
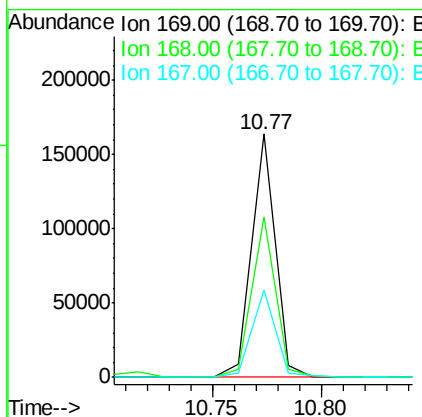
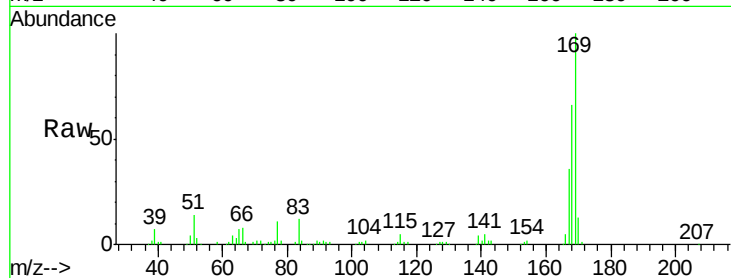




#65
n-Nitrosodiphenylamine
Concen: 44.11 ng
RT: 10.77 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

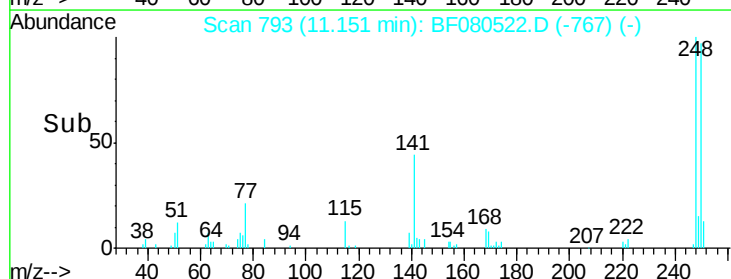
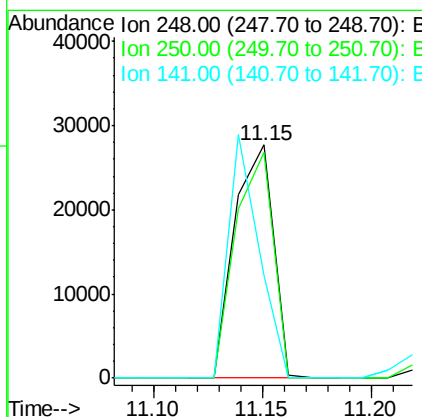
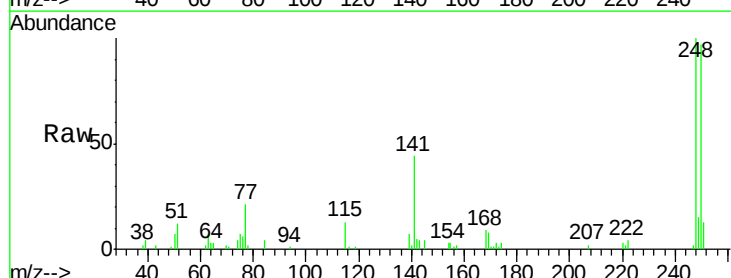
Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

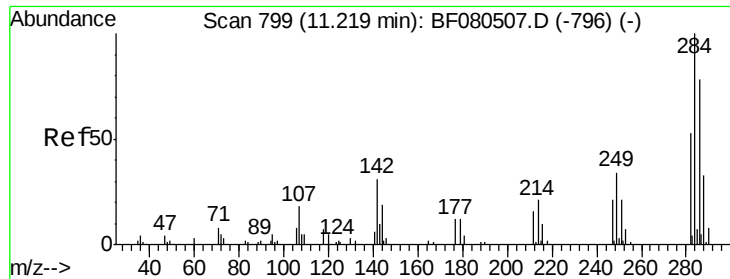
Tot Ion:169 Resp: 123713
Ion Ratio Lower Upper
169 100
168 66.0 48.9 73.3
167 35.9 26.2 39.4



#66
4-Bromophenyl-phenylether
Concen: 42.48 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion:248 Resp: 34116
Ion Ratio Lower Upper
248 100
250 96.7 78.5 117.7
141 43.9 59.0 88.6#

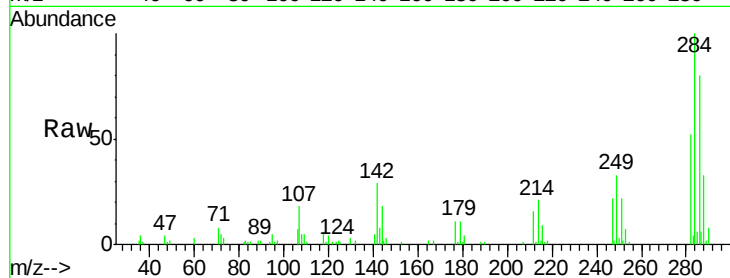




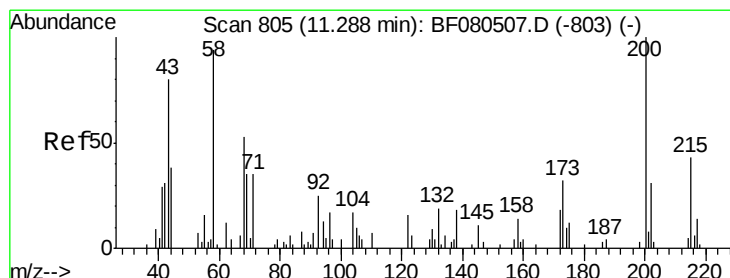
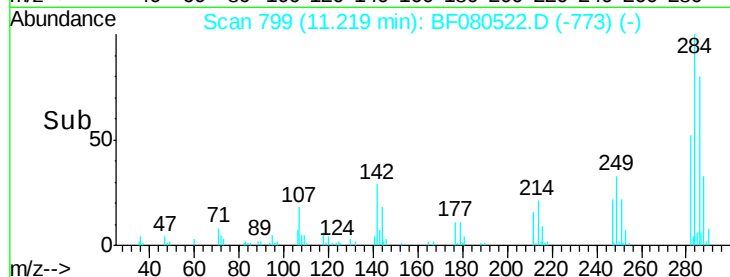
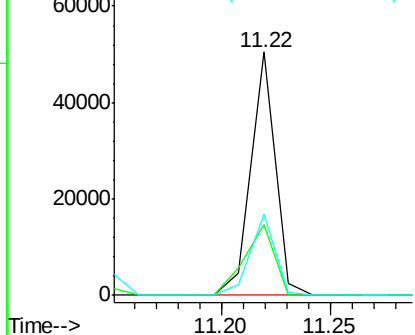
#67
Hexachlorobenzene
Concen: 44.47 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

Tot Ion:284 Resp: 39494
Ion Ratio Lower Upper
284 100
142 29.3 29.5 44.3#
249 33.3 19.5 29.3#

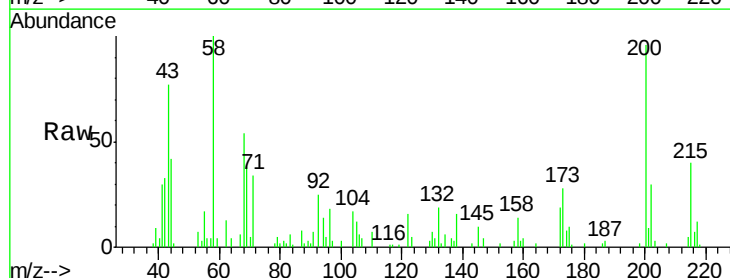


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

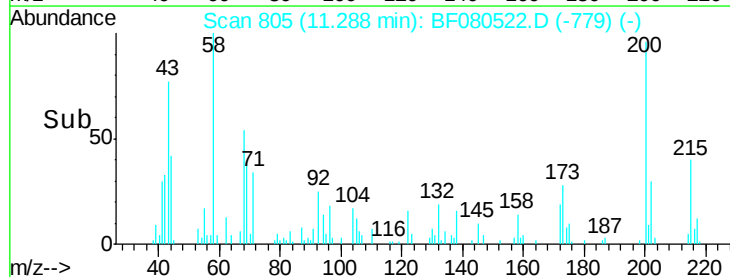
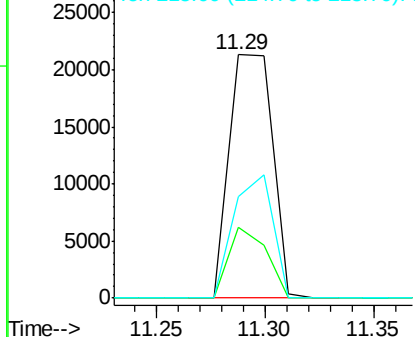


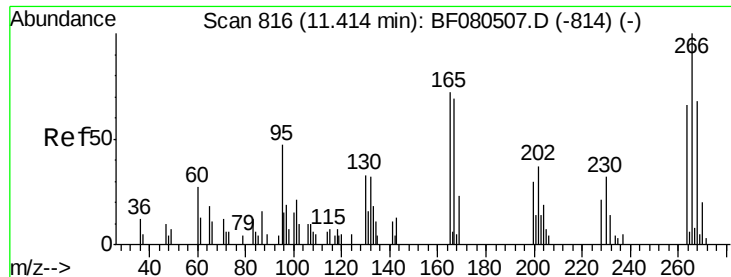
#68
Atrazine
Concen: 38.78 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion:200 Resp: 29446
Ion Ratio Lower Upper
200 100
173 29.3 13.2 53.2
215 41.9 41.8 81.8



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

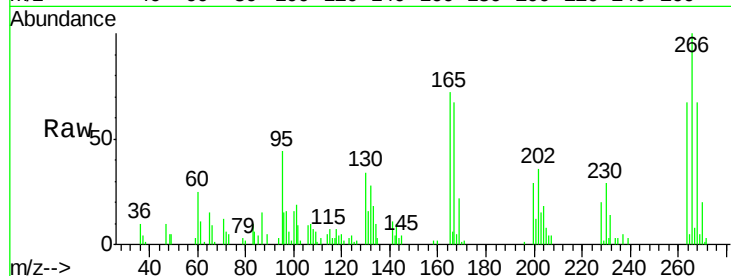




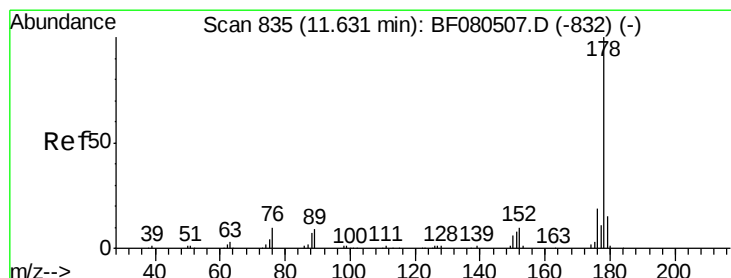
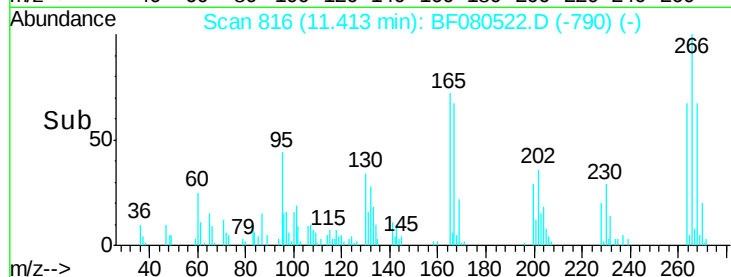
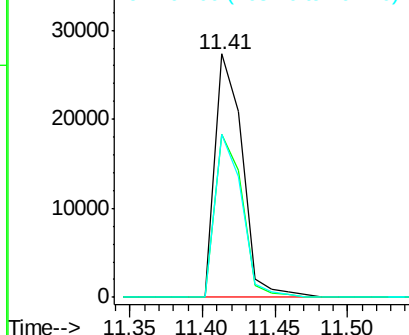
#69
 Pentachlorophenol
 Concen: 75.43 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MS

Tot Ion:266 Resp: 35727
 Ion Ratio Lower Upper
 266 100
 268 67.1 49.8 74.6
 264 66.8 50.2 75.2

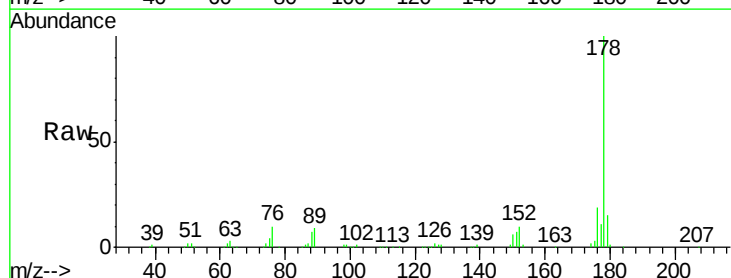


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

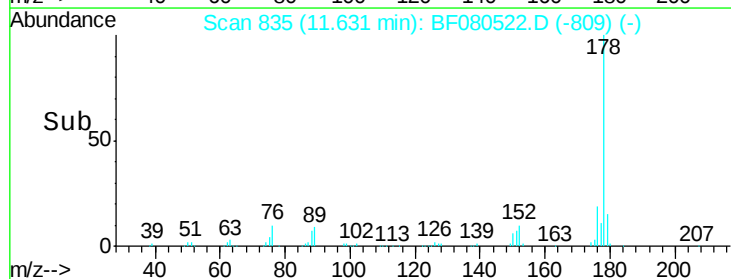
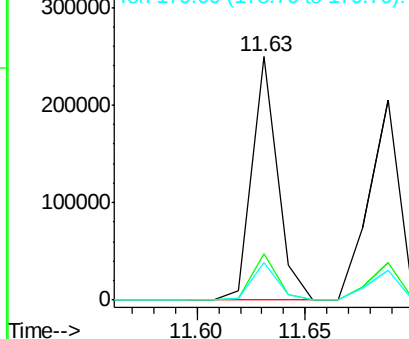


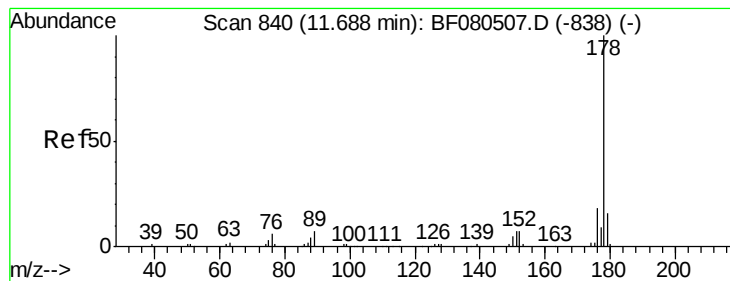
#70
 Phenanthrene
 Concen: 43.73 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Tgt Ion:178 Resp: 203042
 Ion Ratio Lower Upper
 178 100
 176 19.4 13.8 20.8
 179 15.3 12.2 18.2



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





#71

Anthracene

Concen: 44.77 ng

RT: 11.69 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

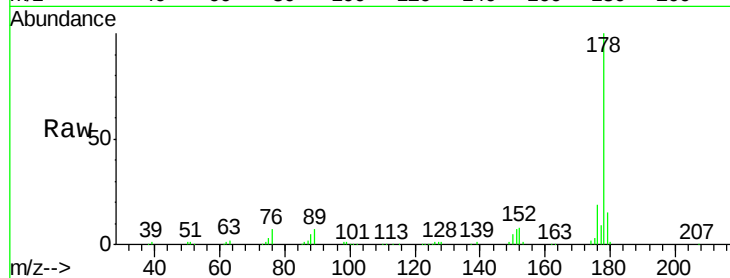
Tot Ion:178 Resp: 197125

Ion Ratio Lower Upper

178 100

176 18.5 14.1 21.1

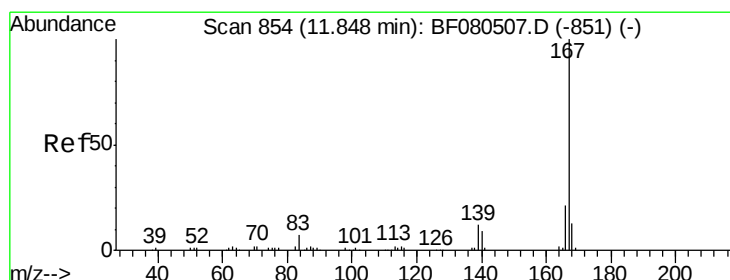
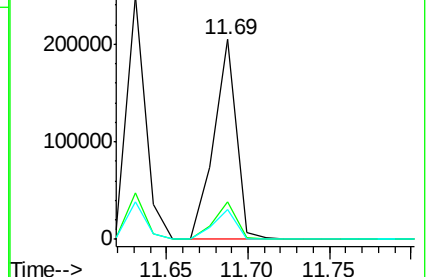
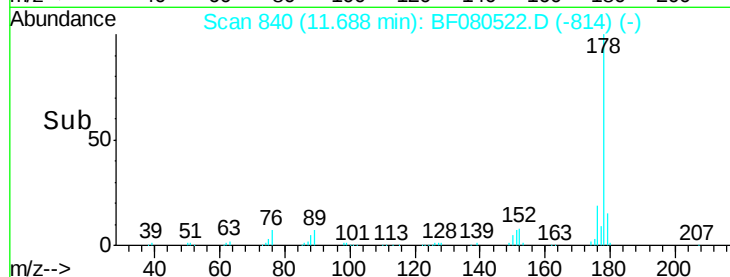
179 15.2 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.54 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

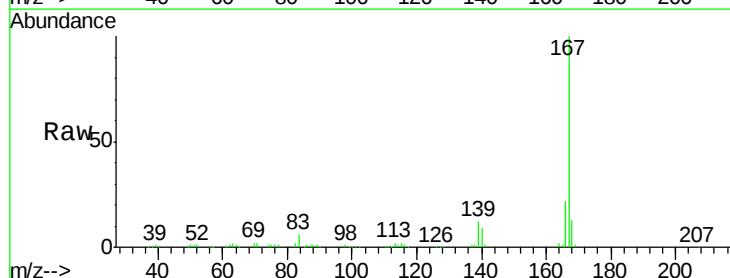
Tgt Ion:167 Resp: 171996

Ion Ratio Lower Upper

167 100

166 21.6 15.7 23.5

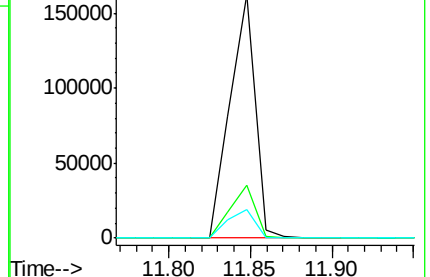
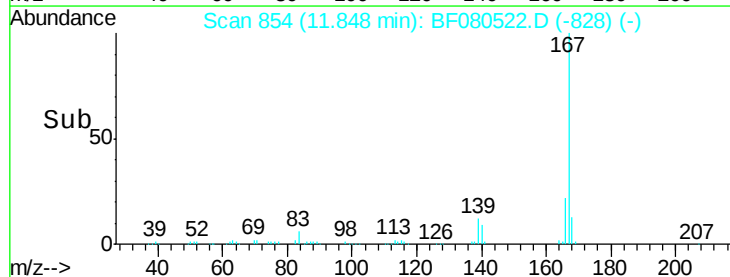
139 11.8 9.5 14.3

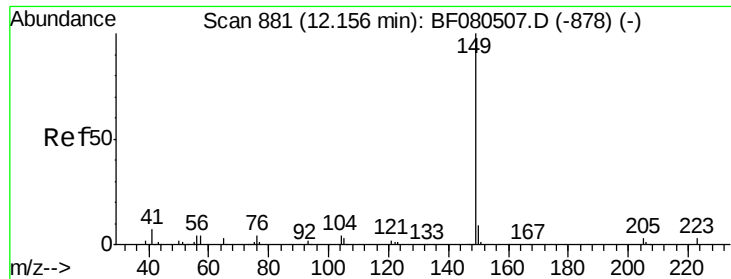


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.89 ng

RT: 12.16 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

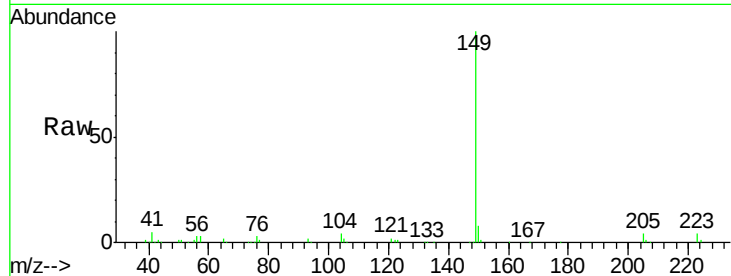
Tot Ion:149 Resp: 194121

Ion Ratio Lower Upper

149 100

150 8.5 7.4 11.2

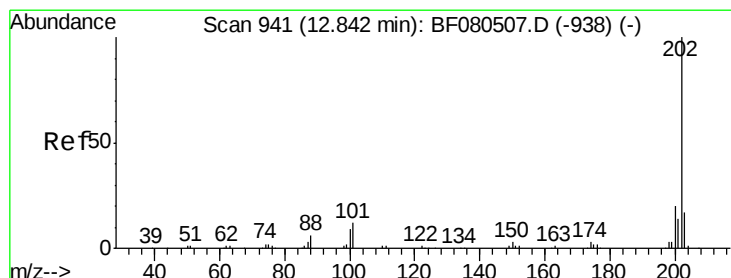
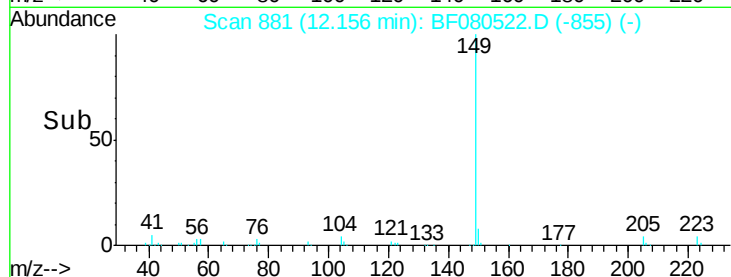
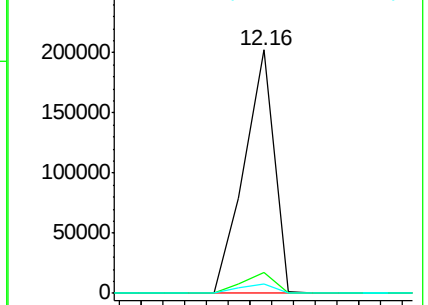
104 3.7 2.4 3.6#



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: 45.61 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

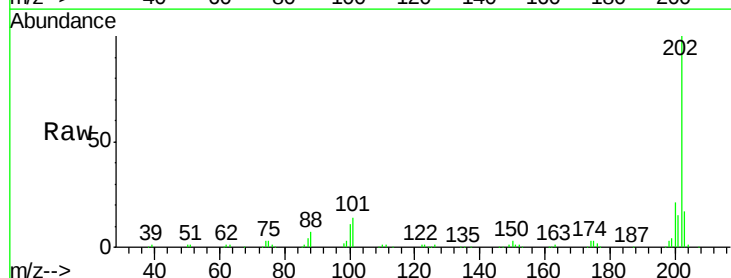
Tgt Ion:202 Resp: 198338

Ion Ratio Lower Upper

202 100

101 14.3 0.0 38.3

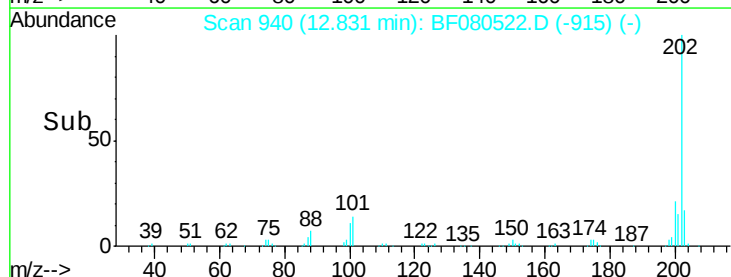
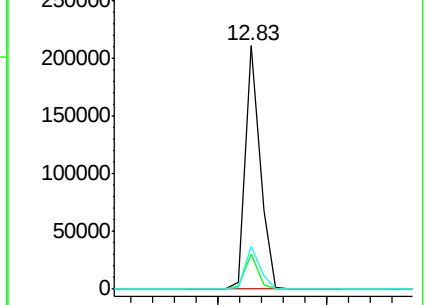
203 17.4 0.0 37.3

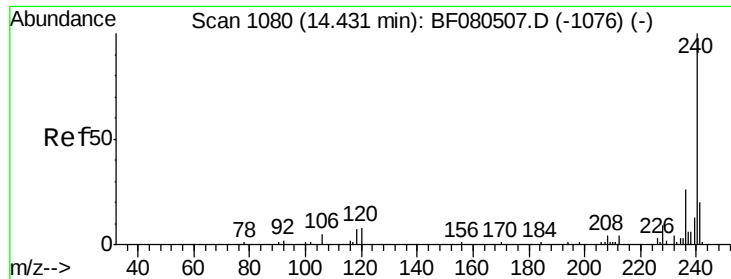


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

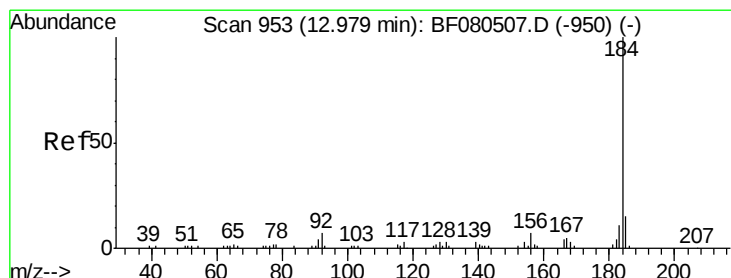
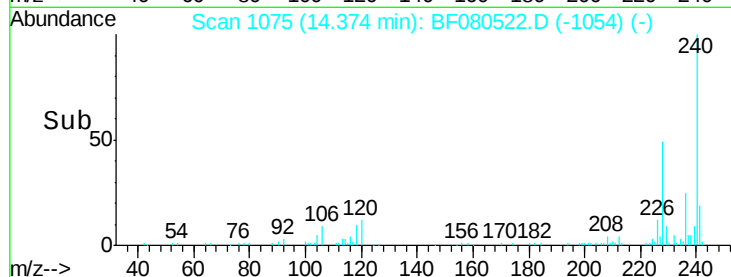
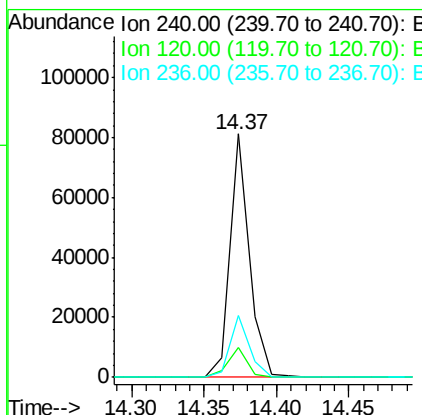
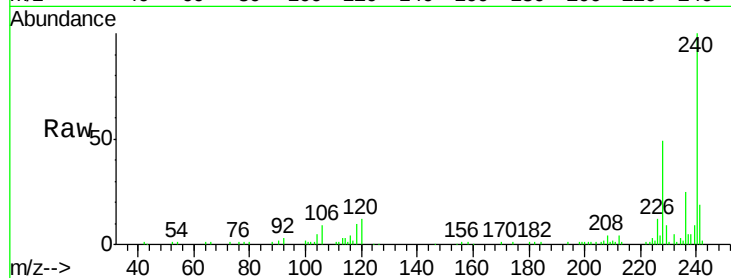




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.37 min Scan# 1075
Delta R.T. -0.06 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

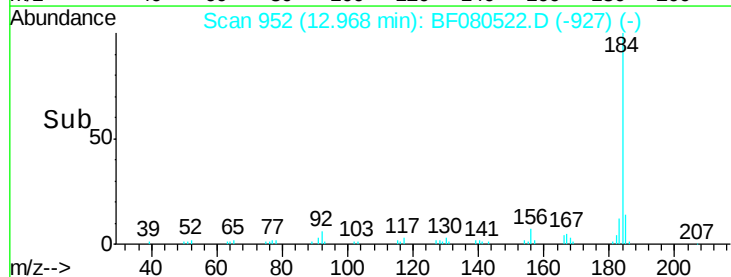
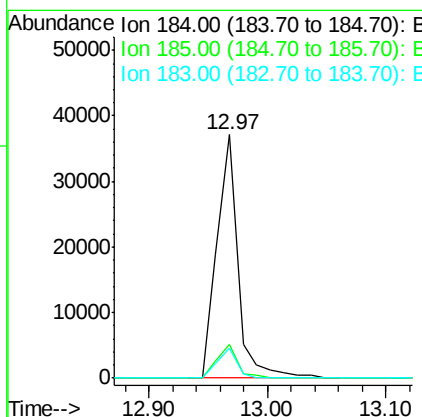
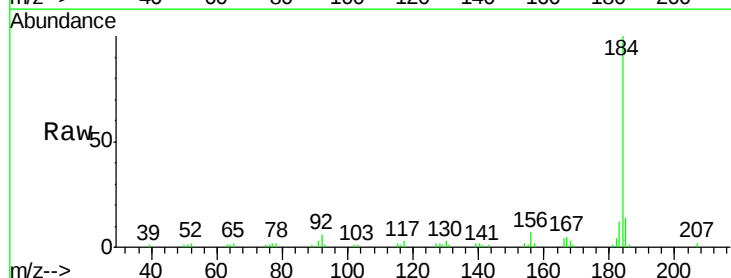
Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

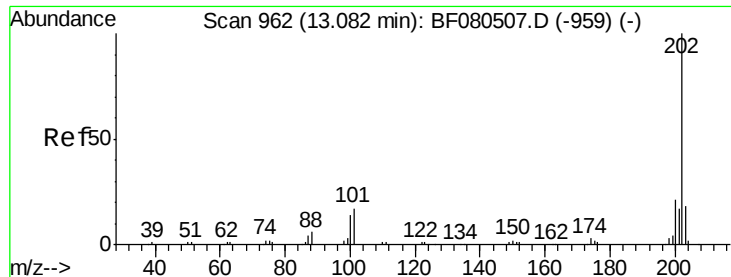
Tot Ion:240 Resp: 75417
Ion Ratio Lower Upper
240 100
120 12.2 16.2 24.2#
236 25.3 18.4 27.6



#76
Benzidine
Concen: 18.20 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion:184 Resp: 45205
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.6
183 12.2 7.6 11.4#

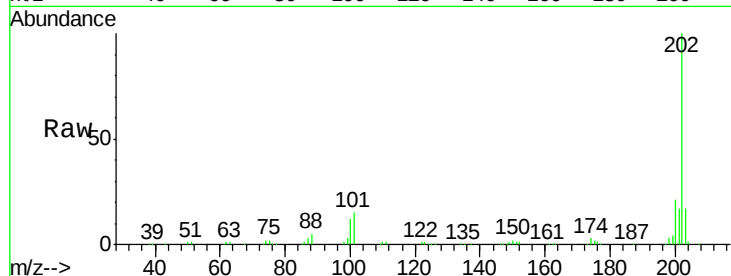




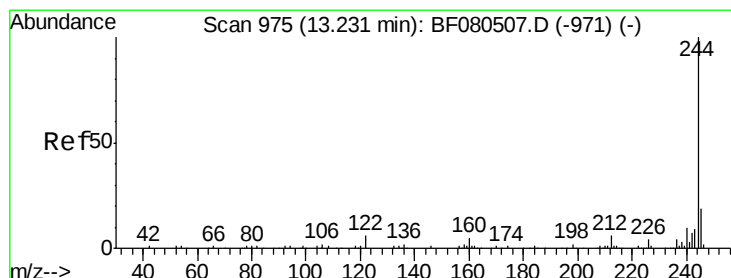
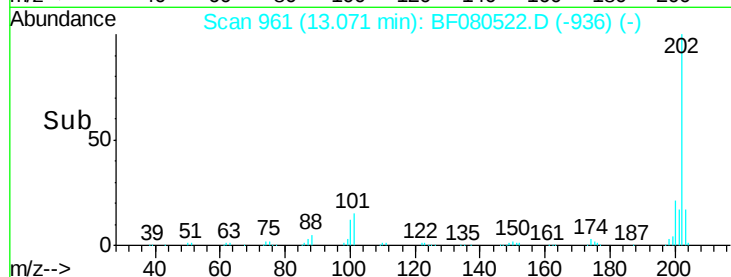
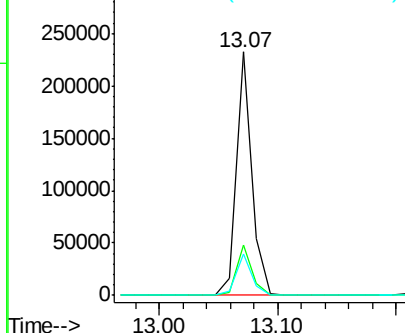
#77
Pvrene
Concen: 42.68 ng
RT: 13.07 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	15.0	22.4
203	17.2	14.1	21.1

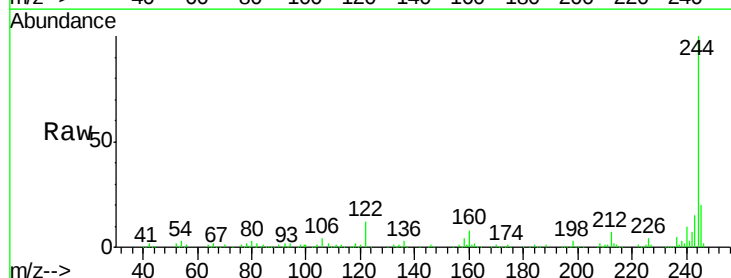


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

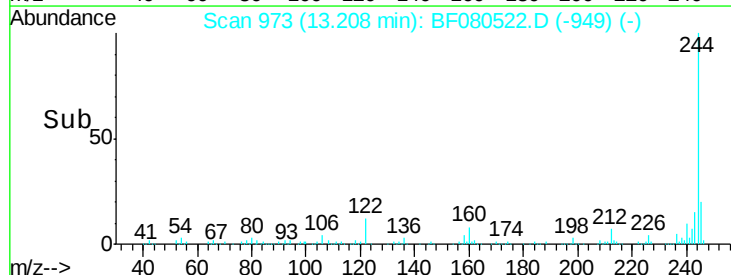
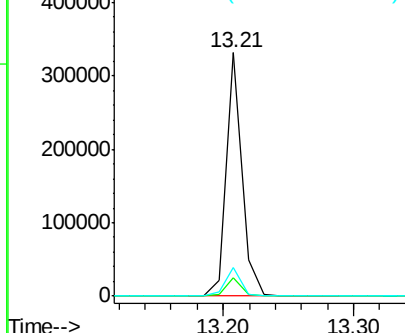


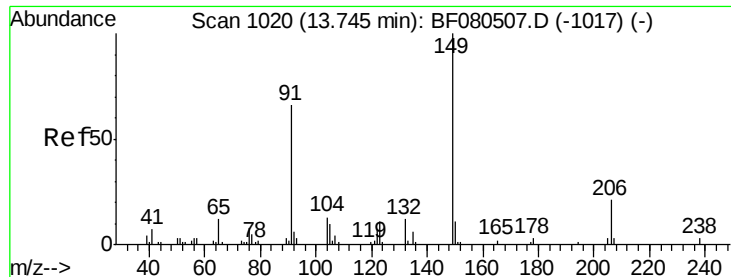
#78
Terphenyl-d14
Concen: 76.57 ng
RT: 13.21 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.3	6.5#
122	12.0	17.4	26.2#



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

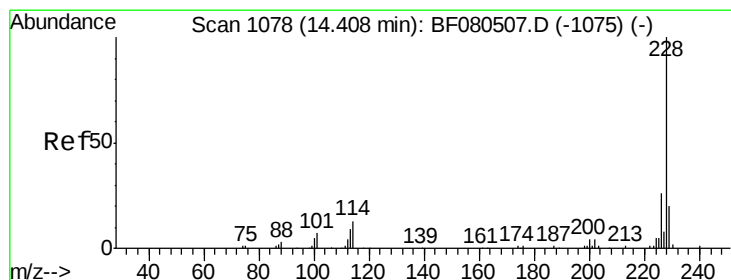
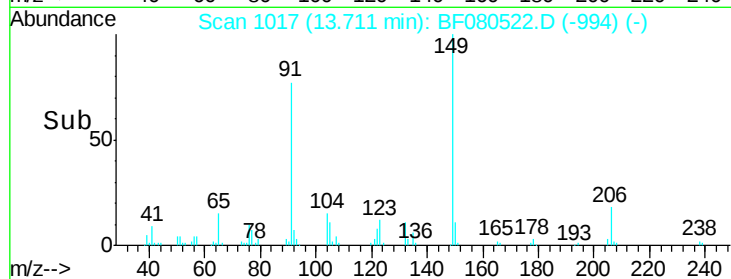
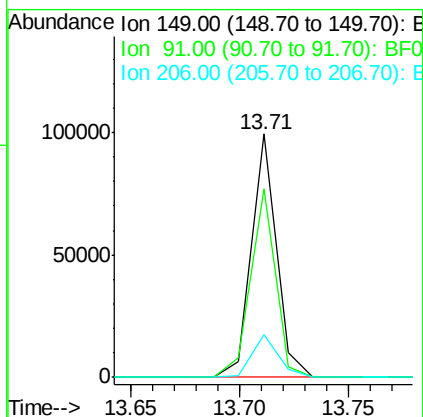
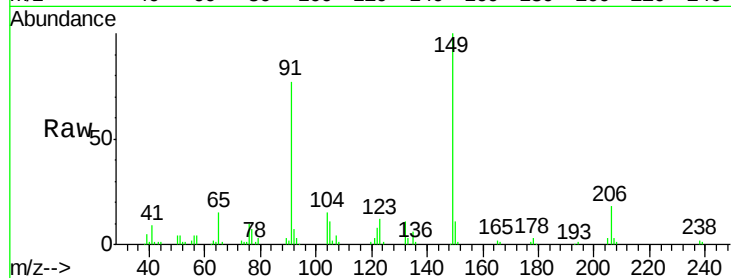




#79
Butylbenzylphthalate
Concen: 45.24 ng
RT: 13.71 min Scan# 1017
Delta R.T. -0.03 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

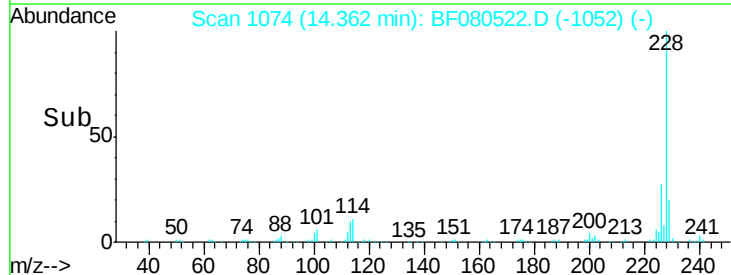
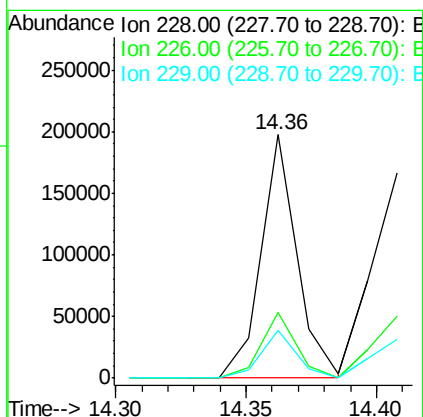
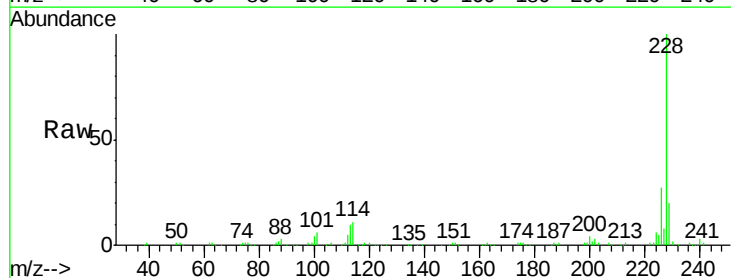
Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

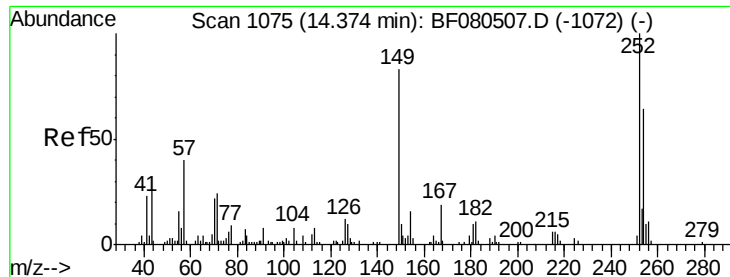
Tot Ion:149 Resp: 79662
Ion Ratio Lower Upper
149 100
91 77.5 48.6 72.8#
206 17.6 14.9 22.3



#80
Benzo(a)anthracene
Concen: 44.20 ng
RT: 14.36 min Scan# 1074
Delta R.T. -0.05 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion:228 Resp: 187028
Ion Ratio Lower Upper
228 100
226 26.9 20.0 30.0
229 19.6 15.4 23.2





#81

3,3'-Dichlorobenzidine

Concen: 35.71 ng

RT: 14.33 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

Instrument :

BNA_F

ClientSampleId :

TEC-E4MS

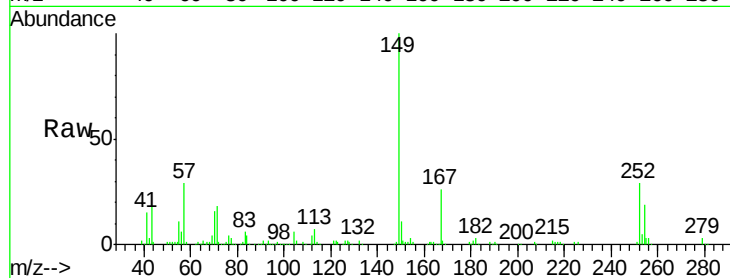
Tot Ion:252 Resp: 49417

Ion Ratio Lower Upper

252 100

254 64.0 51.4 77.2

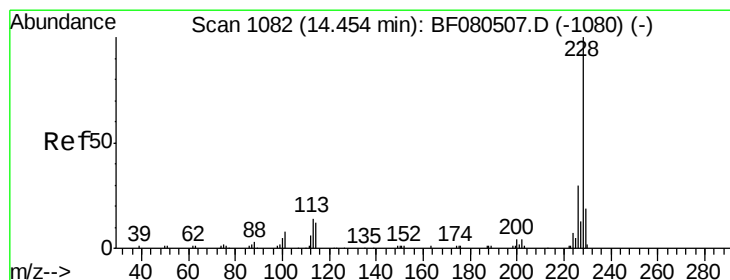
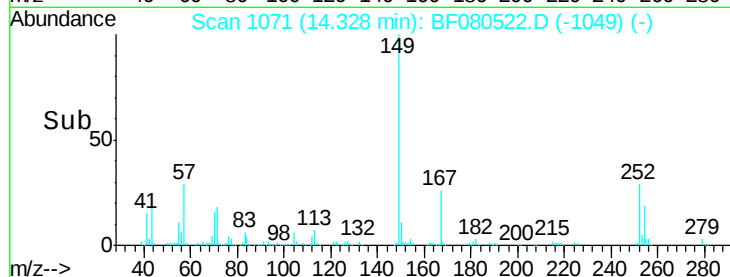
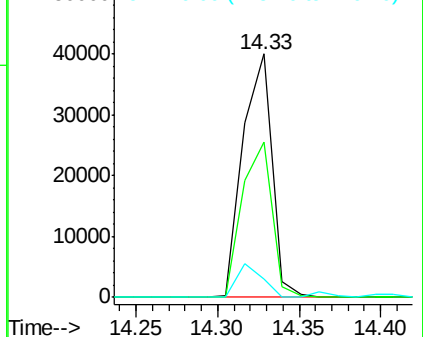
126 7.7 16.4 24.6#



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: 44.00 ng

RT: 14.41 min Scan# 1078

Delta R.T. -0.05 min

Lab File: BF080522.D

Acq: 16 Jul 2015 21:14

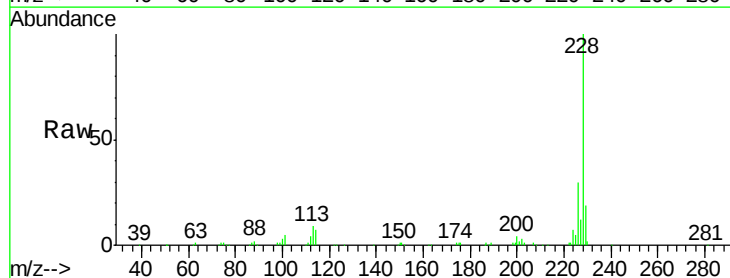
Tgt Ion:228 Resp: 181113

Ion Ratio Lower Upper

228 100

226 30.2 21.0 31.4

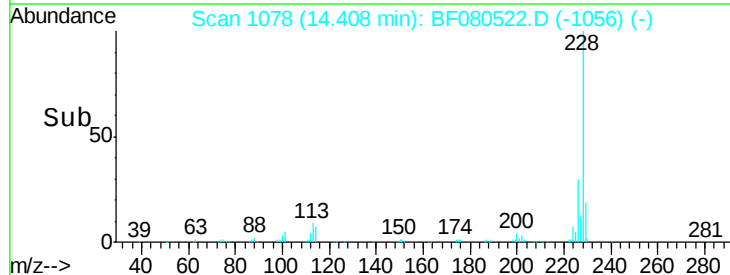
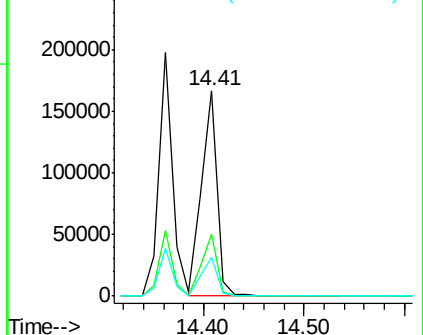
229 19.1 15.6 23.4

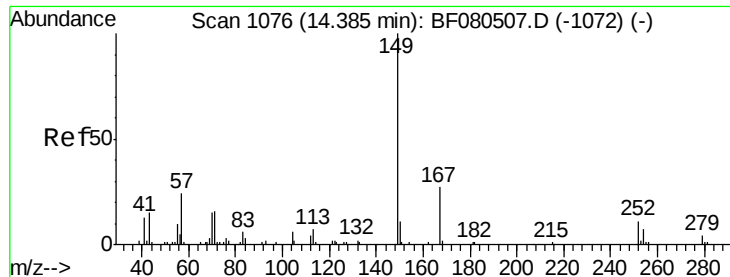


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

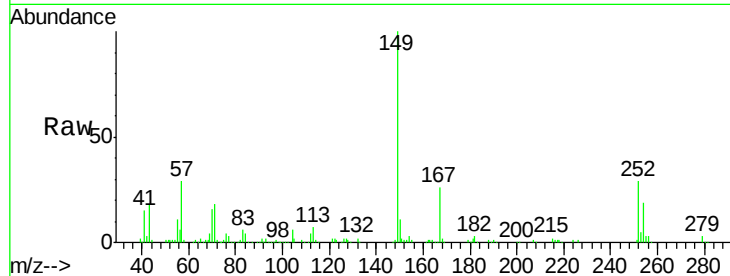




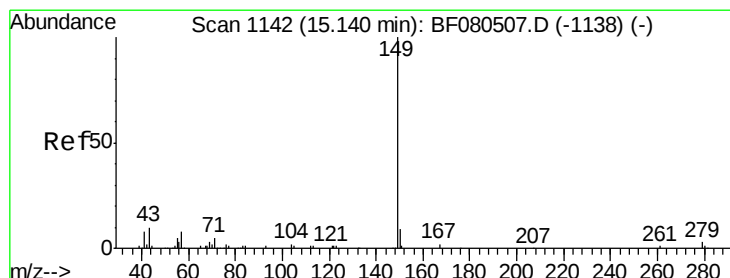
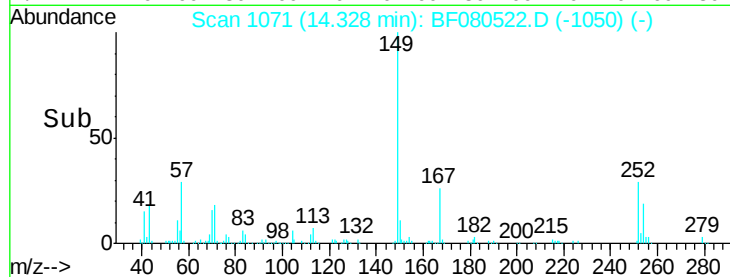
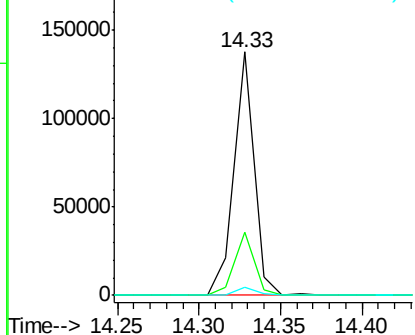
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.58 ng
 RT: 14.33 min Scan# 1071
 Delta R.T. -0.06 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MS

Tot Ion:149 Resp: 117343
 Ion Ratio Lower Upper
 149 100
 167 25.7 24.2 36.2
 279 3.1 3.8 5.6#

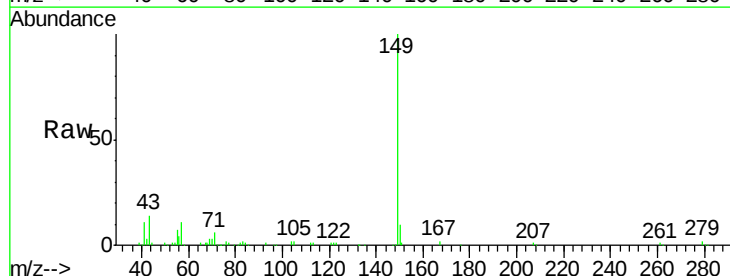


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

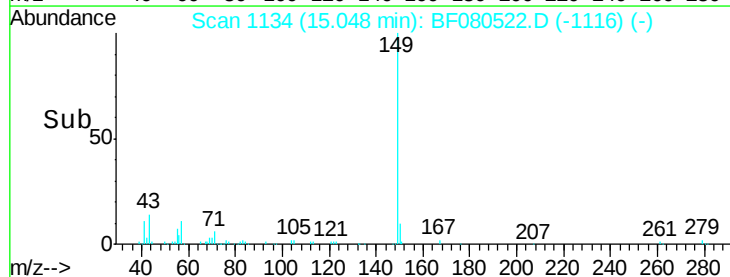
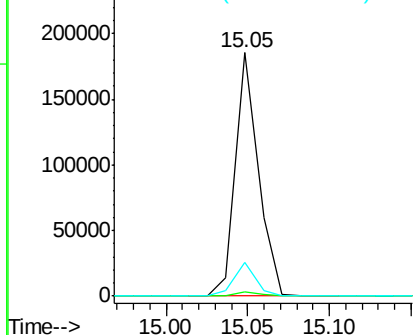


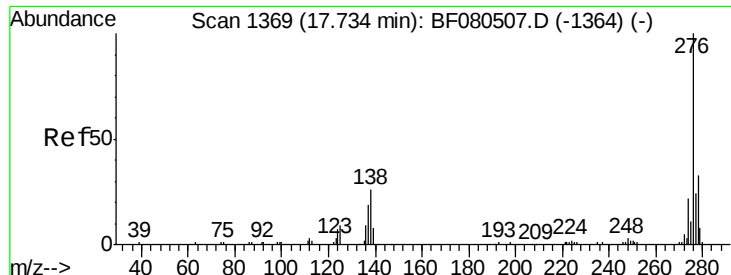
#84
 Di-n-octyl phthalate
 Concen: 42.51 ng
 RT: 15.05 min Scan# 1134
 Delta R.T. -0.09 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Tgt Ion:149 Resp: 179280
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 13.4 10.2 15.2



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

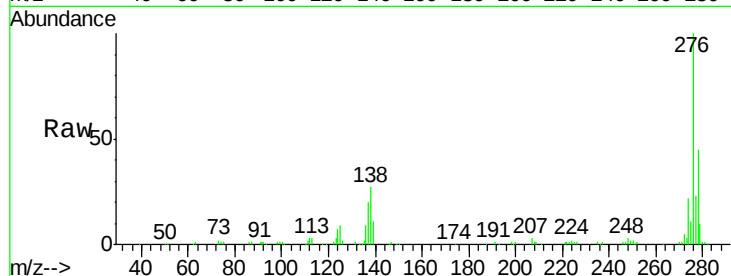




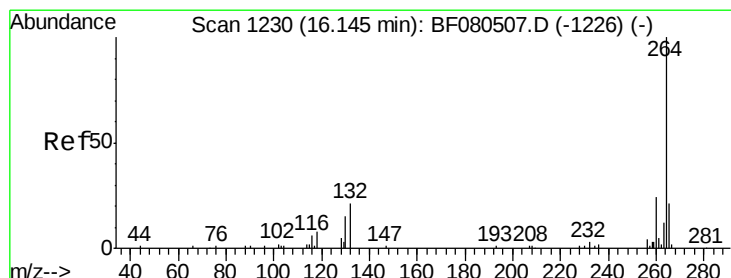
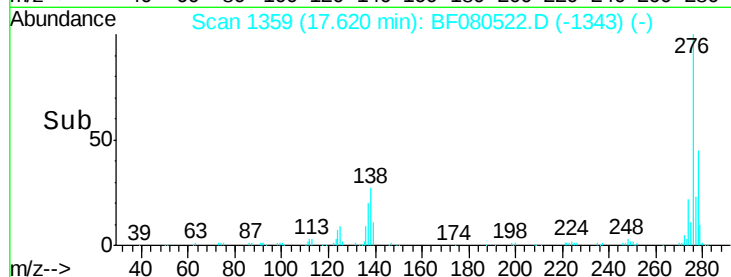
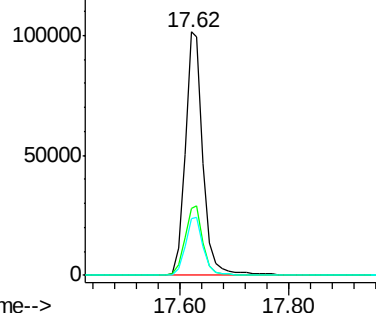
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.23 ng
RT: 17.62 min Scan# 1359
Delta R.T. -0.11 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

Tot Ion:276 Resp: 233892
Ion Ratio Lower Upper
276 100
138 28.8 25.7 38.5
277 24.0 15.6 23.4#

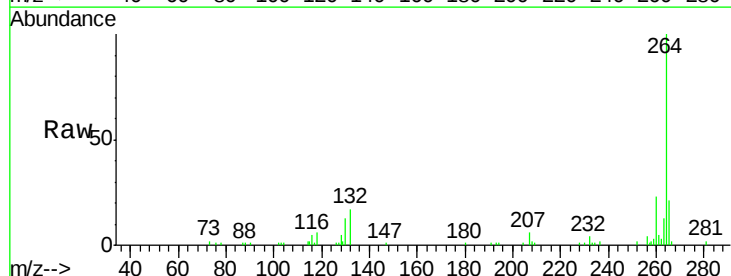


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

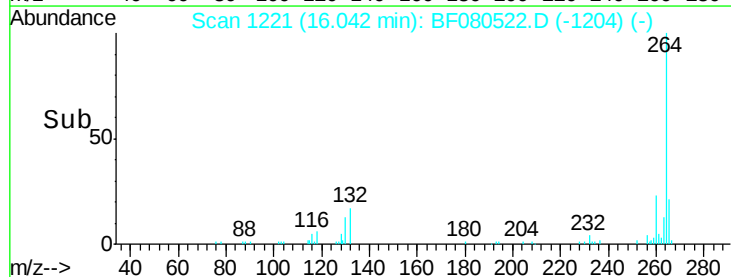
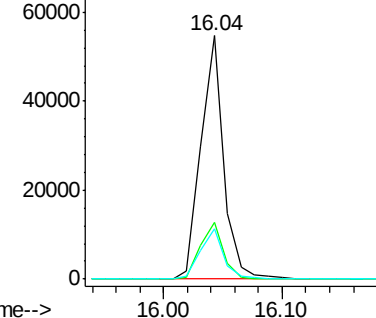


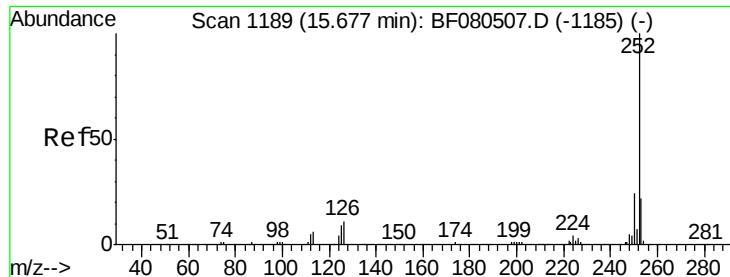
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.04 min Scan# 1221
Delta R.T. -0.10 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion:264 Resp: 72461
Ion Ratio Lower Upper
264 100
260 23.3 16.7 25.1
265 20.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

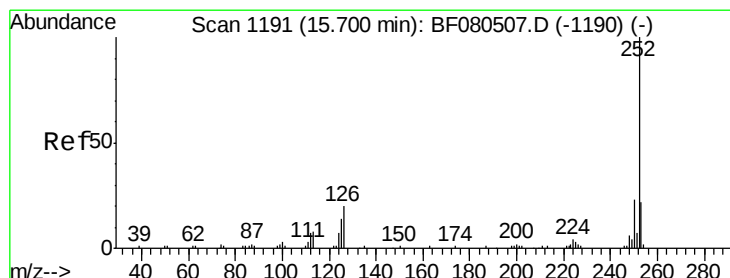
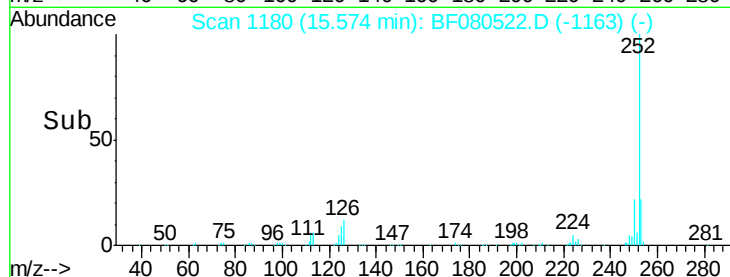
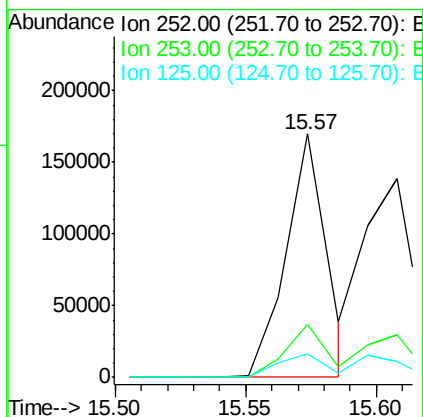
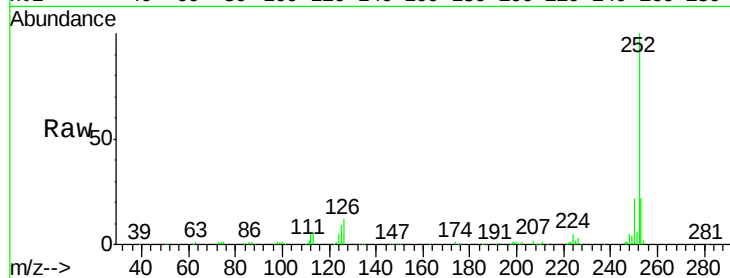




#87
Benzo(b)fluoranthene
Concen: 43.39 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.10 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

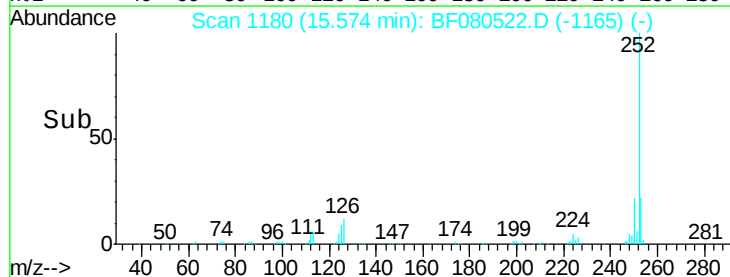
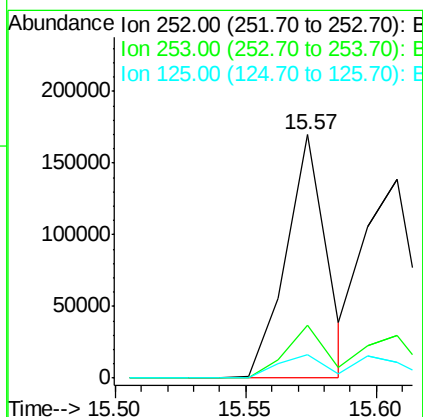
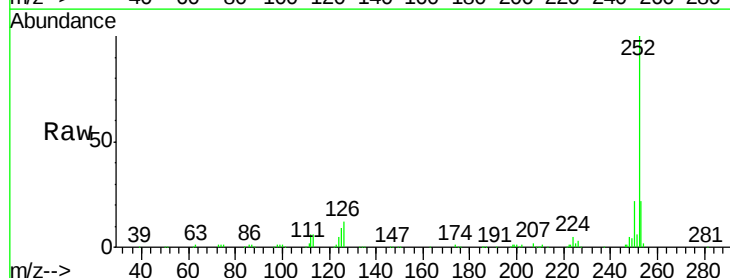
Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

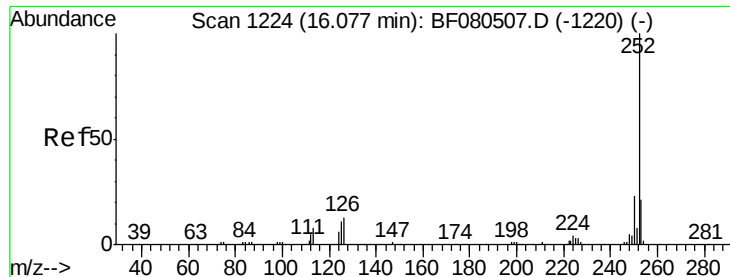
Tot Ion:252 Resp: 181948
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.5 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 42.68 ng
RT: 15.57 min Scan# 1180
Delta R.T. -0.13 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion:252 Resp: 181948
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.4
125 9.5 16.0 24.0#

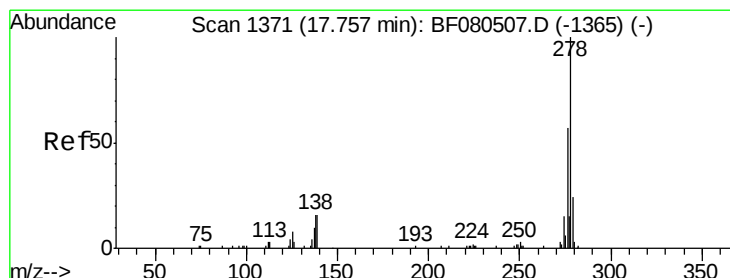
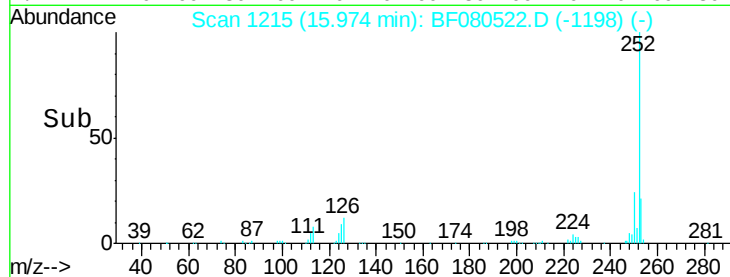
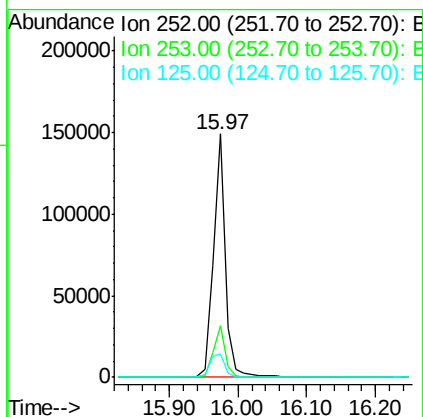
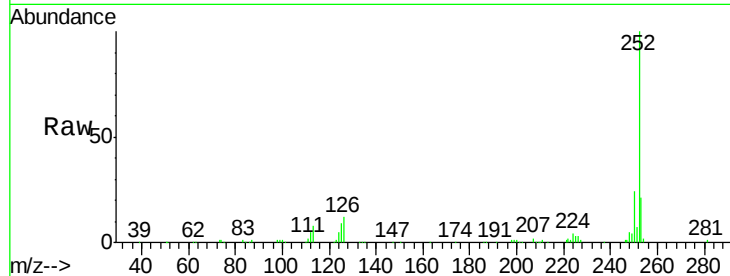




#89
Benzo(a)pyrene
Concen: 46.82 ng
RT: 15.97 min Scan# 1215
Delta R.T. -0.10 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

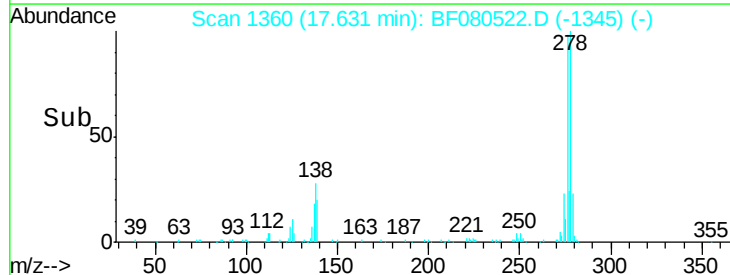
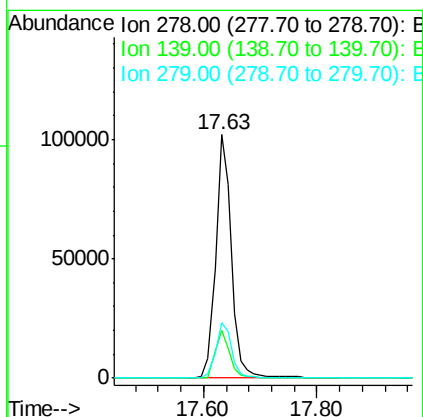
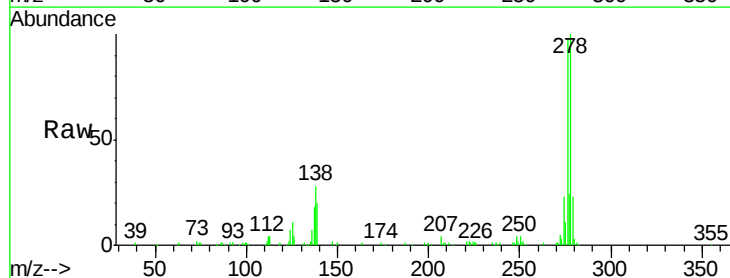
Instrument :
BNA_F
ClientSampleId :
TEC-E4MS

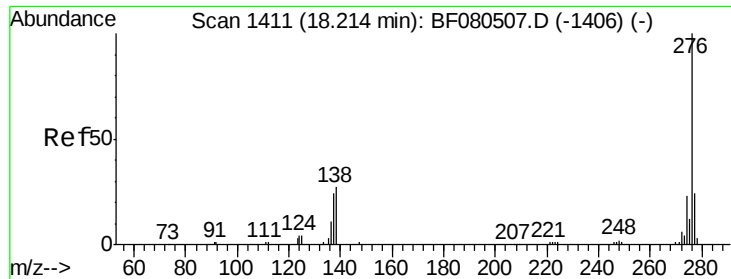
Tot Ion:252 Resp: 183604
Ion Ratio Lower Upper
252 100
253 21.2 17.2 25.8
125 9.5 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 45.27 ng
RT: 17.63 min Scan# 1360
Delta R.T. -0.13 min
Lab File: BF080522.D
Acq: 16 Jul 2015 21:14

Tgt Ion:278 Resp: 195427
Ion Ratio Lower Upper
278 100
139 19.8 26.3 39.5#
279 22.8 18.2 27.4

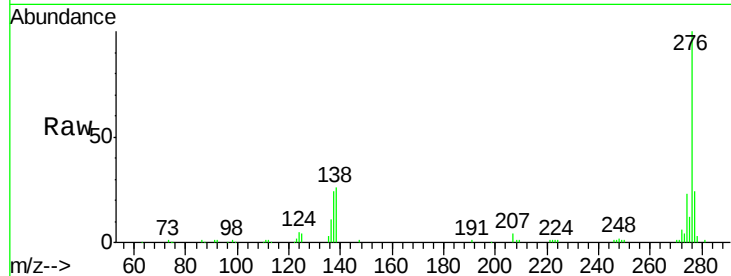




#91
 Benzo(a,h,i)perylene
 Concen: 44.42 ng
 RT: 18.10 min Scan# 1401
 Delta R.T. -0.11 min
 Lab File: BF080522.D
 Acq: 16 Jul 2015 21:14

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MS

Tot Ion: 276 Resp: 199115
 Ion Ratio Lower Upper
 276 100
 277 24.1 17.8 26.6
 138 25.5 34.6 51.8#



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

