

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
 Data File : BF080523.D
 Acq On : 16 Jul 2015 21:43
 Operator : TP/UM
 Sample : G2925-08MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

Quant Time: Jul 17 11:39:53 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	21850	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	92515	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	42712	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	79206	20.00	ng	0.00
75) Chrysene-d12	14.35	240	64508	20.00	ng	-0.08
86) Perylene-d12	15.99	264	66510	20.00	ng	-0.16

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	153169	119.50	ng	0.01
7) Phenol-d6	6.72	99	196419	112.85	ng	0.00
23) Nitrobenzene-d5	7.64	82	138867	88.11	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	48567	146.14	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	276047	87.95	ng	0.00
78) Terphenyl-d14	13.20	244	227794	73.22	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.81	88	20213	31.93	ng	94
3) Pyridine	3.80	79	31092	24.98	ng	86
4) n-Nitrosodimethylamine	3.60	42	30994	38.69	ng	90
6) Aniline	6.75	93	45450	20.25	ng	# 81
8) 2-Chlorophenol	6.86	128	58617	40.77	ng	# 80
9) Benzaldehyde	6.64	77	14012	11.86	ng	# 82
10) Phenol	6.73	94	68834	36.76	ng	# 58
11) bis(2-Chloroethyl)ether	6.81	93	56585	41.51	ng	90
12) 1,3-Dichlorobenzene	7.01	146	64590	35.91	ng	# 92
13) 1,4-Dichlorobenzene	7.09	146	64615	34.74	ng	96
14) 1,2-Dichlorobenzene	7.25	146	58396	35.79	ng	98
15) Benzyl Alcohol	7.23	79	50342	41.44	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.34	45	104112	42.59	ng	59
17) 2-Methylphenol	7.33	107	46287	40.22	ng	# 74
18) Hexachloroethane	7.60	117	18412	33.10	ng	# 62
19) n-Nitroso-di-n-propylamine	7.48	70	42215	39.96	ng	# 82
20) 3+4-Methylphenols	7.49	107	62878	40.44	ng	# 78
22) Acetophenone	7.48	105	89070	43.50	ng	# 78
24) Nitrobenzene	7.66	77	65854	41.39	ng	# 76
25) Isophorone	7.89	82	121066	43.49	ng	# 89
26) 2-Nitrophenol	7.98	139	26848	38.88	ng	# 77
27) 2,4-Dimethylphenol	8.02	122	55081	41.29	ng	# 79
28) bis(2-Chloroethoxy)methane	8.10	93	75984	46.48	ng	# 91
29) 2,4-Dichlorophenol	8.22	162	54346	44.70	ng	97
30) 1,2,4-Trichlorobenzene	8.30	180	52243	37.43	ng	98
31) Naphthalene	8.38	128	181903	40.04	ng	100
32) Benzoic acid	8.11	122	26268	38.16	ng	# 51
33) 4-Chloroaniline	8.44	127	35525	20.11	ng	# 90
34) Hexachlorobutadiene	8.50	225	33563	41.53	ng	98
35) Caprolactam	8.78	113	10528	37.30	ng	# 84
36) 4-Chloro-3-methylphenol	8.92	107	55273	43.05	ng	# 81
37) 2-Methylnaphthalene	9.07	142	121646	44.80	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	9.24	216	56333	41.13	ng	99
40) Hexachlorocyclopentadiene	9.23	237	59791	88.94	ng	97

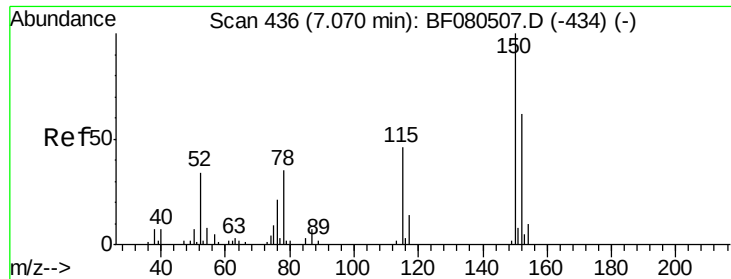
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
 Data File : BF080523.D
 Acq On : 16 Jul 2015 21:43
 Operator : TP/UM
 Sample : G2925-08MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

Quant Time: Jul 17 11:39:53 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)
42) 2,4,6-Trichlorophenol	9.36	196	37203	45.38	ng	99
43) 2,4,5-Trichlorophenol	9.40	196	38962	44.65	ng	96
45) 1,1'-Biphenyl	9.54	154	145572	41.70	ng	96
46) 2-Chloronaphthalene	9.56	162	114462	43.78	ng	# 93
47) 2-Nitroaniline	9.66	65	32770	48.63	ng	# 53
48) Acenaphthylene	9.98	152	188338	43.00	ng	98
49) Dimethylphthalate	9.84	163	133881	45.70	ng	# 97
50) 2,6-Dinitrotoluene	9.89	165	25353	44.23	ng	# 10
51) Acenaphthene	10.16	154	114544	44.26	ng	88
52) 3-Nitroaniline	10.08	138	19658	31.04	ng	# 44
53) 2,4-Dinitrophenol	10.18	184	22211	73.35	ng	# 67
54) Dibenzofuran	10.33	168	168303	44.98	ng	95
55) 4-Nitrophenol	10.25	139	40819	89.50	ng	# 40
56) 2,4-Dinitrotoluene	10.30	165	37654	45.33	ng	# 93
57) Fluorene	10.67	166	128860	43.87	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.45	232	27555m	43.28	ng	
59) Diethylphthalate	10.53	149	120500	43.61	ng	96
60) 4-Chlorophenyl-phenylether	10.66	204	54913	41.77	ng	89
61) 4-Nitroaniline	10.69	138	25756	41.08	ng	# 45
62) Azobenzene	10.81	77	136924	47.18	ng	# 80
64) 4,6-Dinitro-2-methylphenol	10.72	198	13414	34.75	ng	# 70
65) n-Nitrosodiphenylamine	10.77	169	116078	43.09	ng	91
66) 4-Bromophenyl-phenylether	11.14	248	31696	41.09	ng	# 75
67) Hexachlorobenzene	11.22	284	37051	43.44	ng	# 84
68) Atrazine	11.29	200	28968	39.72	ng	82
69) Pentachlorophenol	11.41	266	34561	75.92	ng	100
70) Phenanthrene	11.63	178	188334	42.23	ng	98
71) Anthracene	11.69	178	176445	41.72	ng	99
72) Carbazole	11.85	167	157575	42.48	ng	98
73) Di-n-butylphthalate	12.16	149	165667	38.11	ng	# 99
74) Fluoranthene	12.83	202	183492	43.93	ng	90
76) Benzidine	12.96	184	49076	23.10	ng	98
77) Pyrene	13.07	202	181452	43.13	ng	97
79) Butylbenzylphthalate	13.70	149	64907	43.09	ng	# 94
80) Benzo(a)anthracene	14.34	228	169443	46.81	ng	98
81) 3,3'-Dichlorobenzidine	14.29	252	34676	29.30	ng	# 95
82) Chrysene	14.37	228	151601	43.06	ng	95
83) Bis(2-ethylhexyl)phthalate	14.29	149	94103	42.73	ng	# 89
84) Di-n-octyl phthalate	15.00	149	155001	42.90	ng	99
85) Indeno(1,2,3-cd)pyrene	17.56	276	222581	49.91	ng	# 93
87) Benzo(b)fluoranthene	15.52	252	177722	46.18	ng	# 91
88) Benzo(k)fluoranthene	15.55	252	142886m	36.52	ng	
89) Benzo(a)pyrene	15.92	252	161974	45.00	ng	# 89
90) Dibenzo(a,h)anthracene	17.57	278	185641	46.85	ng	# 84
91) Benzo(g,h,i)perylene	18.04	276	196217	47.69	ng	# 82

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

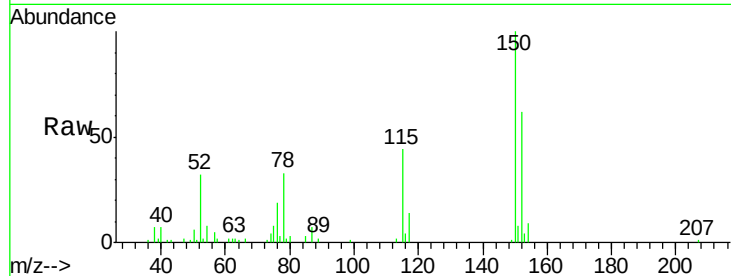


#1

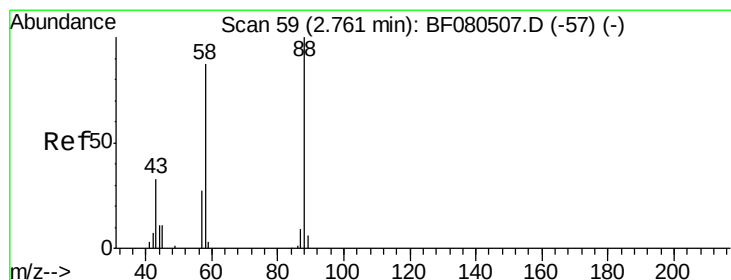
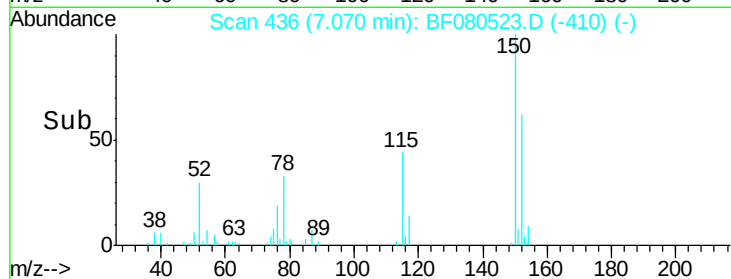
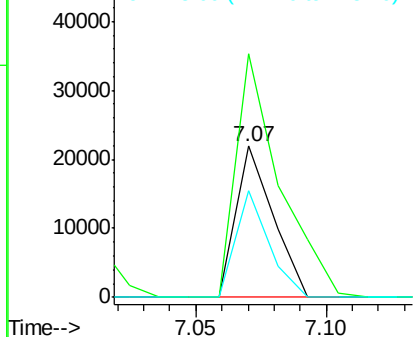
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

Instrument :
BNA_F
ClientSampleId :
TEC-E4MSD

Tgt Ion:152 Resp: 21850
Ion Ratio Lower Upper
152 100
150 160.8 124.7 187.1
115 70.8 39.0 58.4#



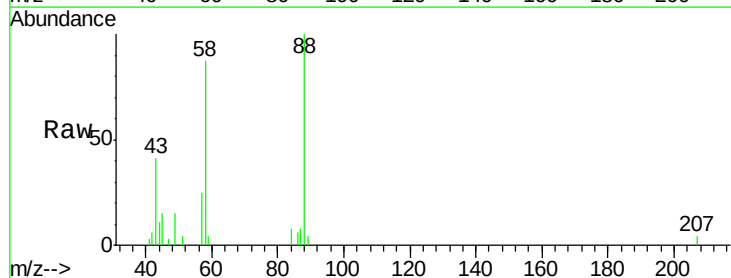
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



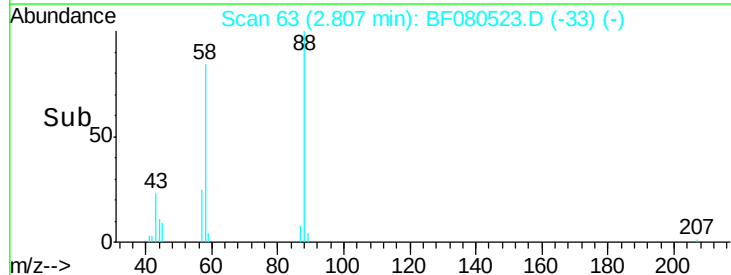
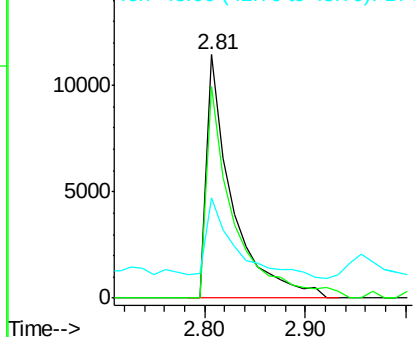
#2

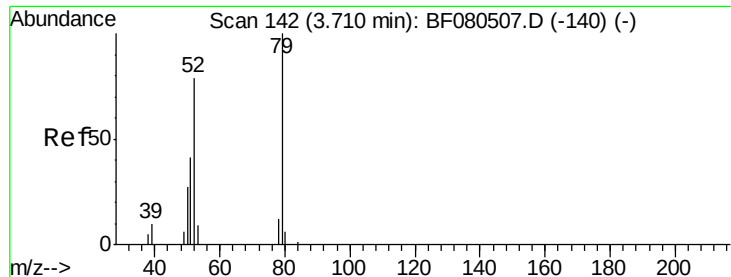
1,4-Dioxane
Concen: 31.93 ng
RT: 2.81 min Scan# 63
Delta R.T. 0.05 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

Tgt Ion: 88 Resp: 20213
Ion Ratio Lower Upper
88 100
58 92.4 77.7 116.5
43 37.7 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

Pyridine

Concen: 24.98 ng

RT: 3.80 min Scan# 150

Delta R.T. 0.09 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

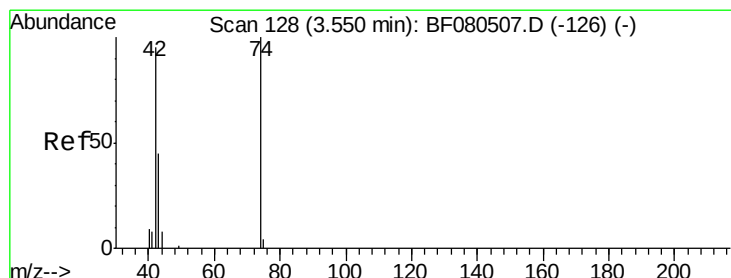
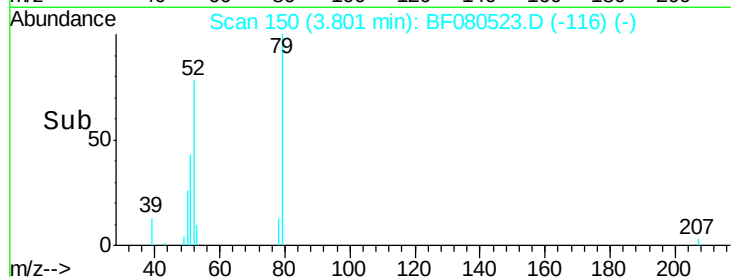
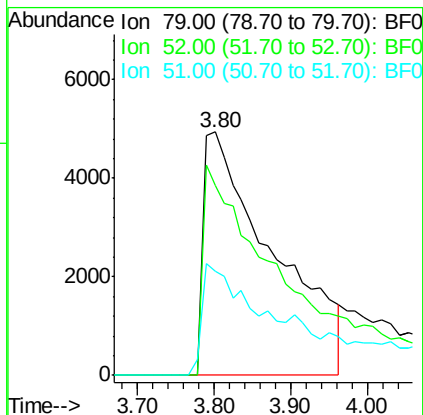
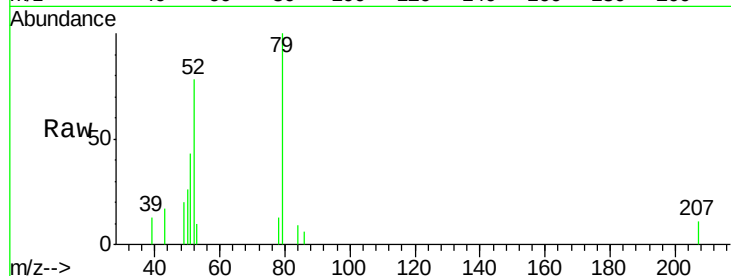
Tgt Ion: 79 Resp: 31092

Ion Ratio Lower Upper

79 100

52 78.2 76.8 115.2

51 42.6 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 38.69 ng

RT: 3.60 min Scan# 132

Delta R.T. 0.05 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

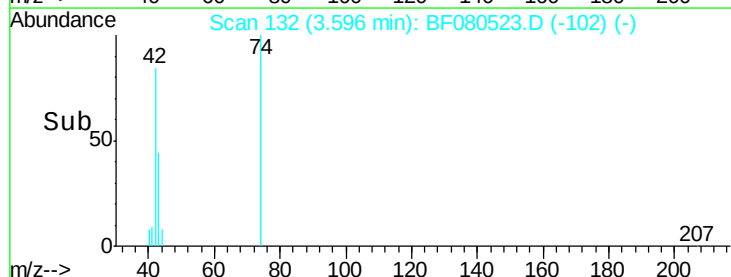
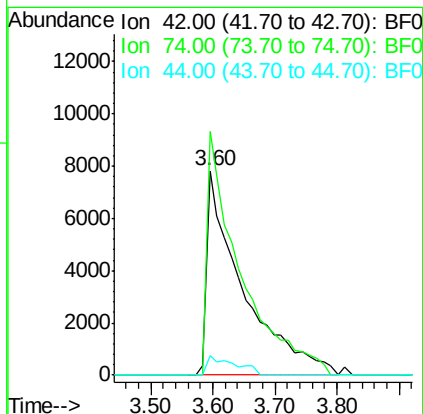
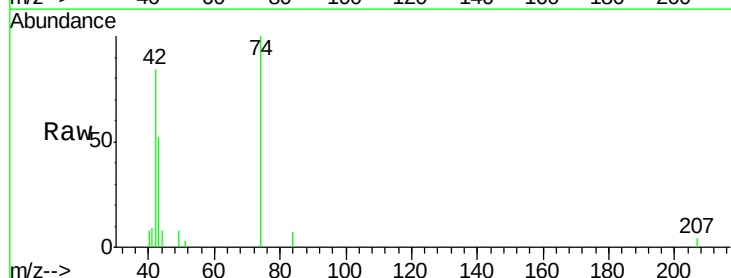
Tgt Ion: 42 Resp: 30994

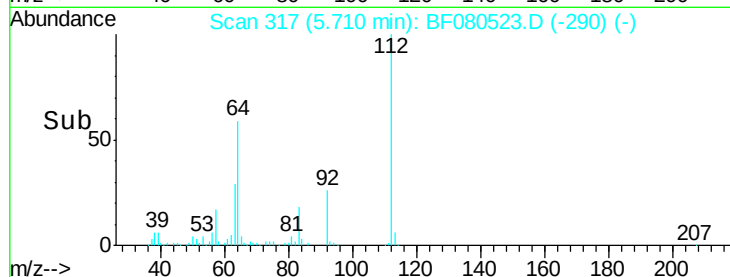
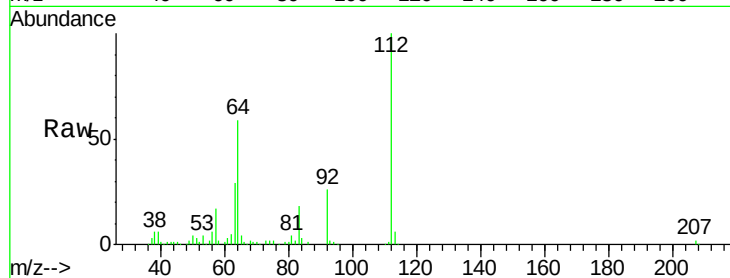
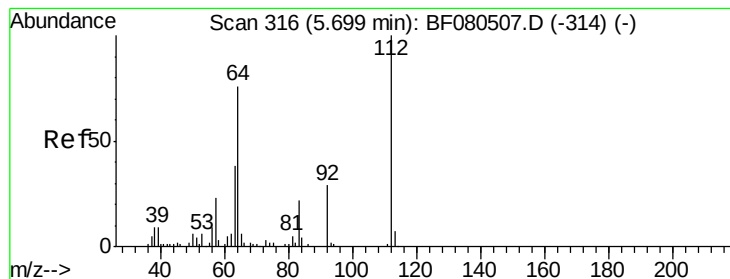
Ion Ratio Lower Upper

42 100

74 119.4 105.0 157.6

44 9.5 6.6 10.0





#5

2-Fluorophenol

Concen: 119.50 ng

RT: 5.71 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

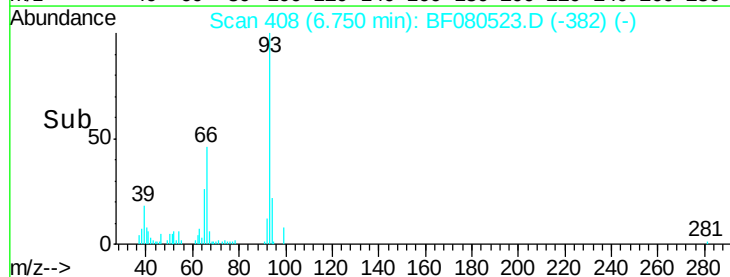
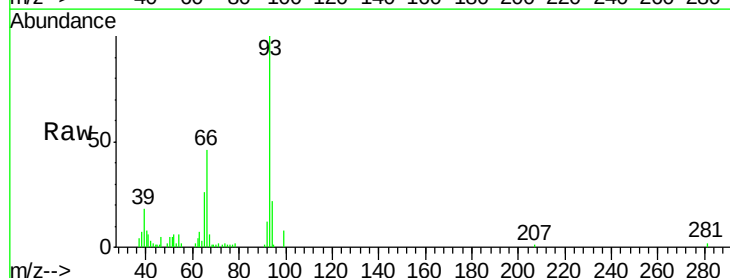
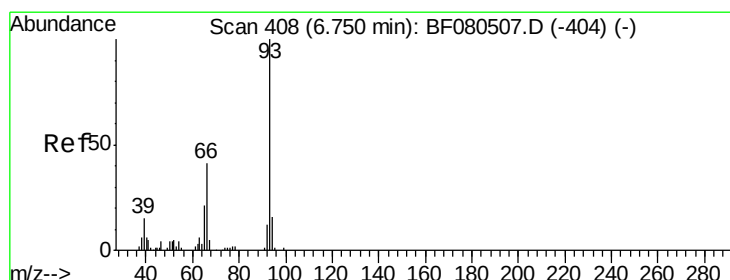
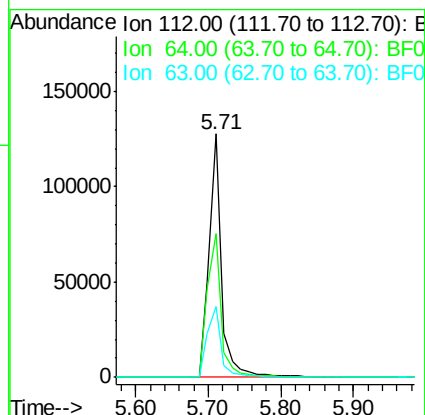
Tgt Ion:112 Resp: 153169

Ion Ratio Lower Upper

112 100

64 58.9 39.7 59.5

63 29.2 17.4 26.0#



#6

Aniline

Concen: 20.25 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

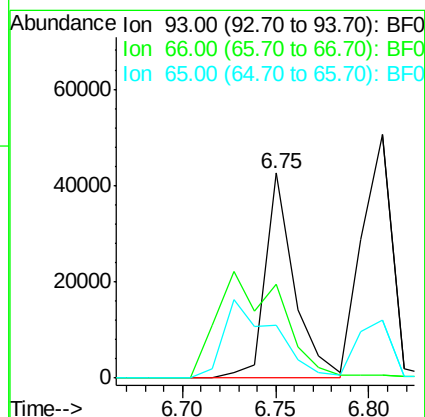
Tgt Ion: 93 Resp: 45450

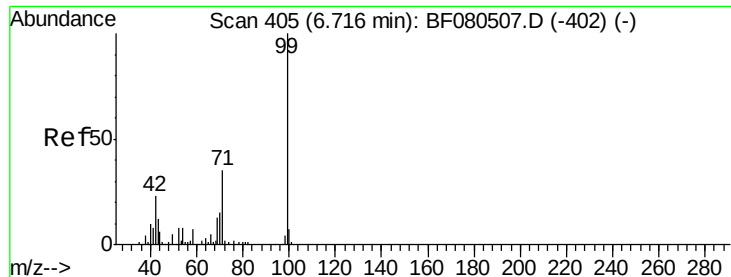
Ion Ratio Lower Upper

93 100

66 45.8 27.2 40.8#

65 25.8 14.7 22.1#





#7

Phenol-d6

Concen: 112.85 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

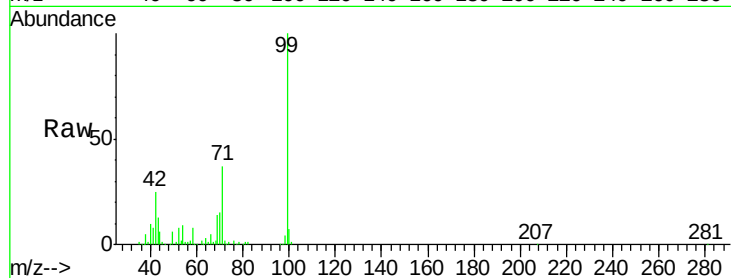
Tgt Ion: 99 Resp: 196419

Ion Ratio Lower Upper

99 100

42 24.6 13.7 20.5#

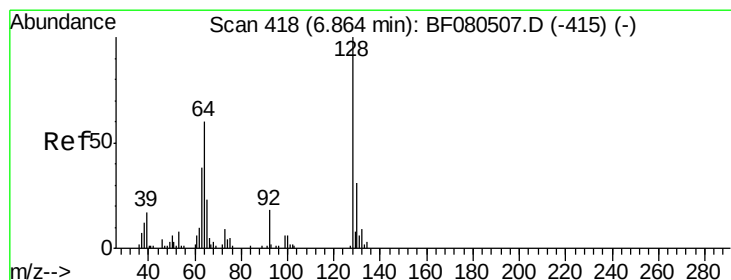
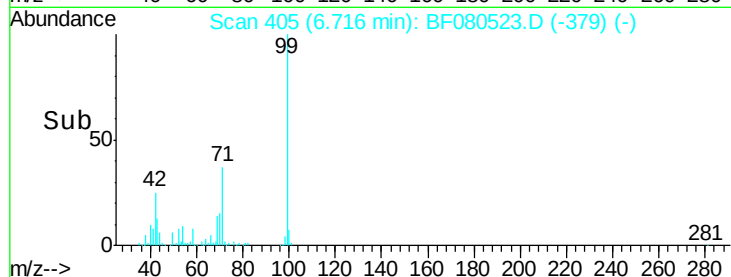
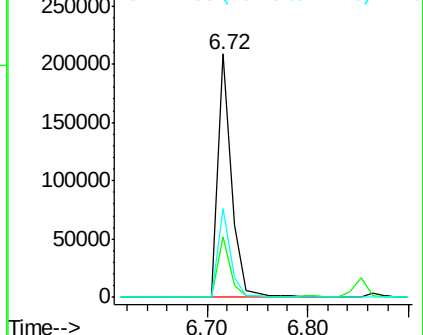
71 36.6 14.2 21.2#



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: 40.77 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

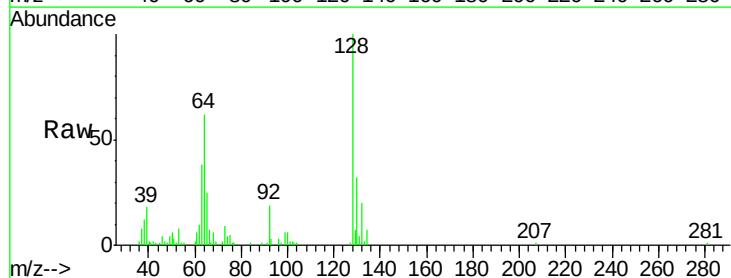
Tgt Ion: 128 Resp: 58617

Ion Ratio Lower Upper

128 100

130 31.9 12.2 52.2

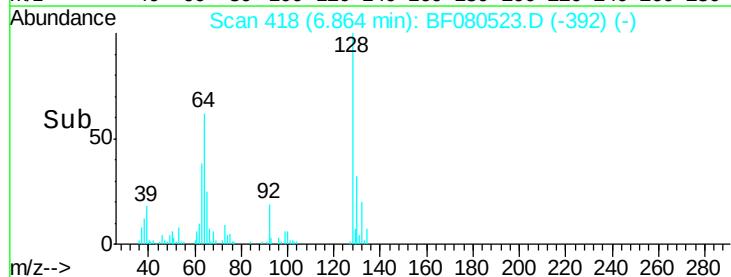
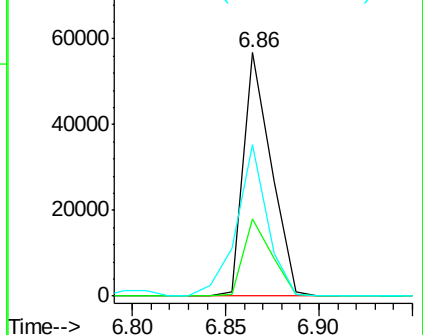
64 62.1 20.5 60.5#

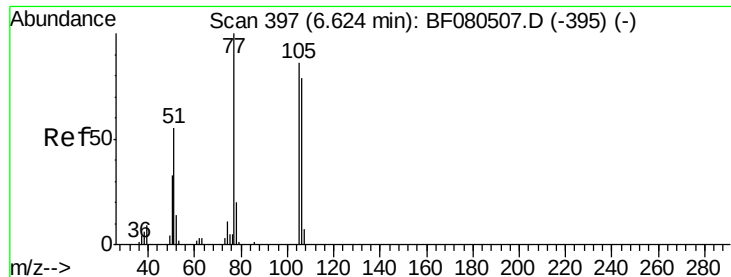


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.86 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

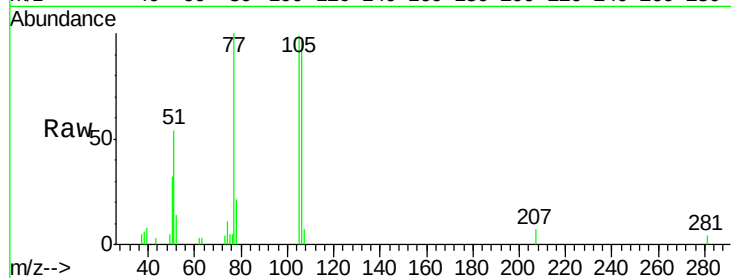
Tgt Ion: 77 Resp: 14012

Ion Ratio Lower Upper

77 100

105 98.7 91.6 131.6

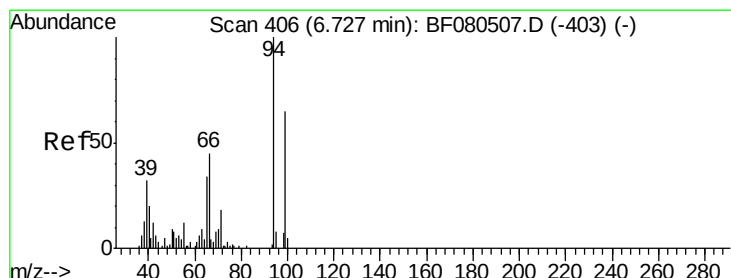
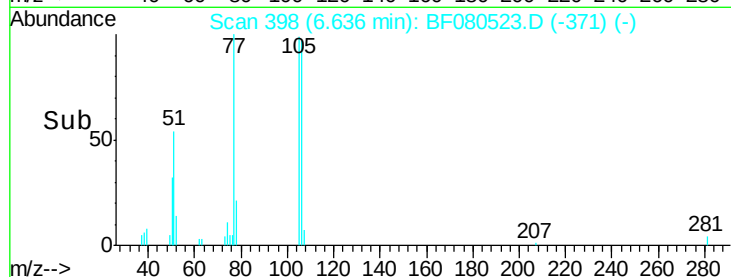
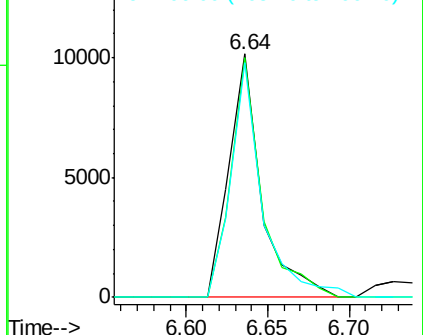
106 96.5 102.6 142.6#



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: 36.76 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

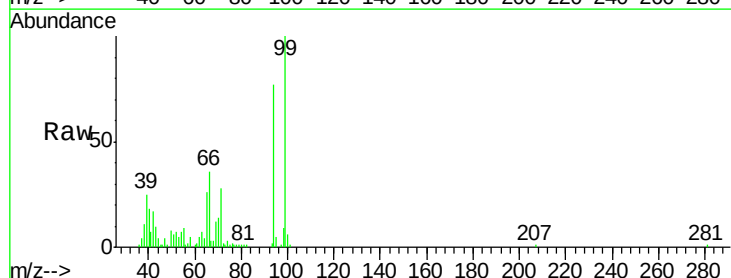
Tgt Ion: 94 Resp: 68834

Ion Ratio Lower Upper

94 100

65 34.2 0.7 40.7

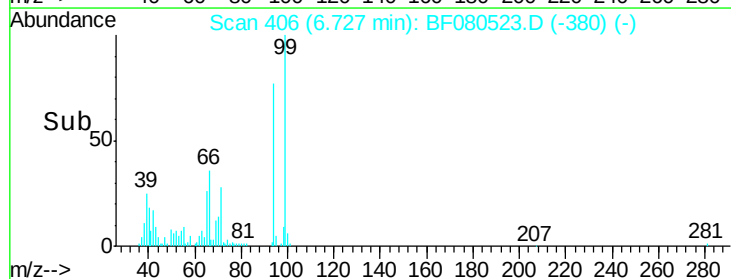
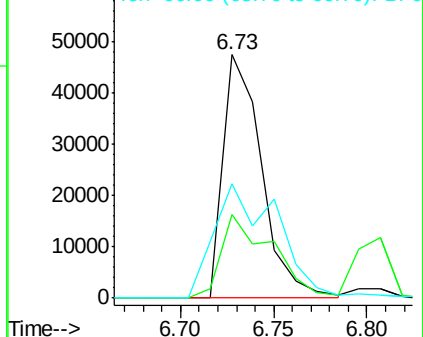
66 46.8 0.8 40.8#

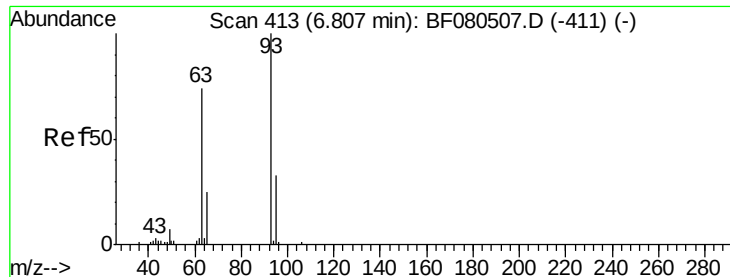


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

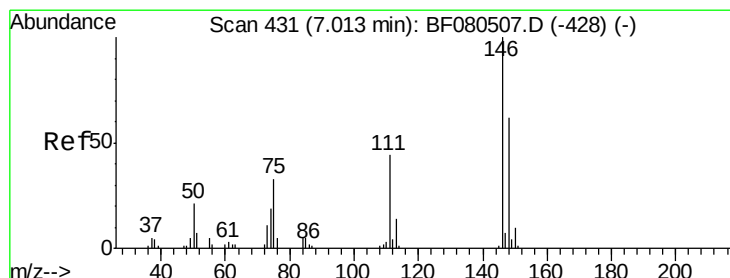
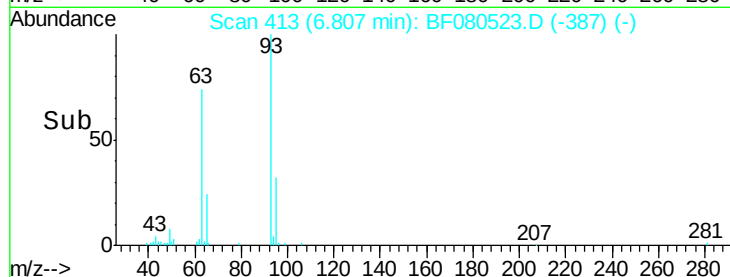
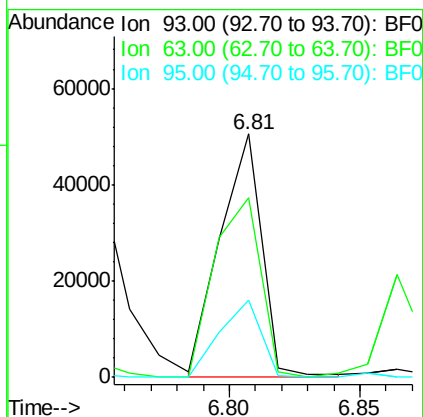
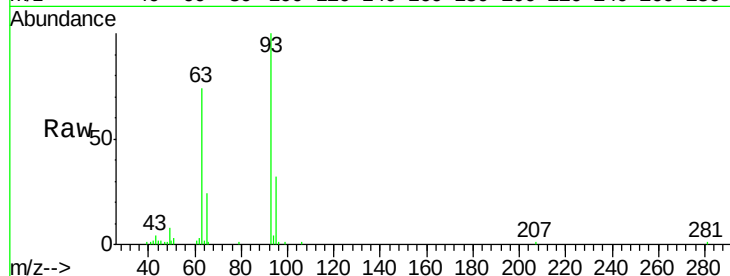




#11
bis(2-Chloroethyl)ether
Concen: 41.51 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

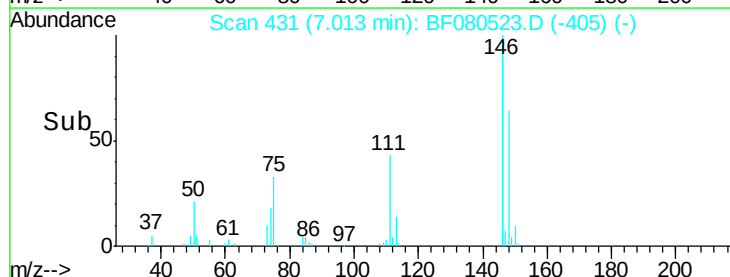
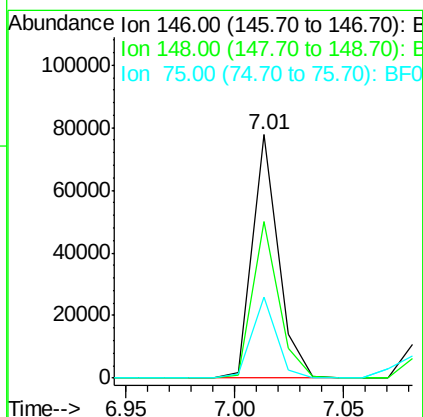
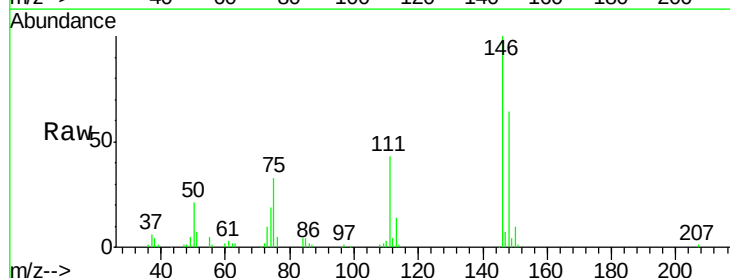
Instrument :
BNA_F
ClientSampleId :
TEC-E4MSD

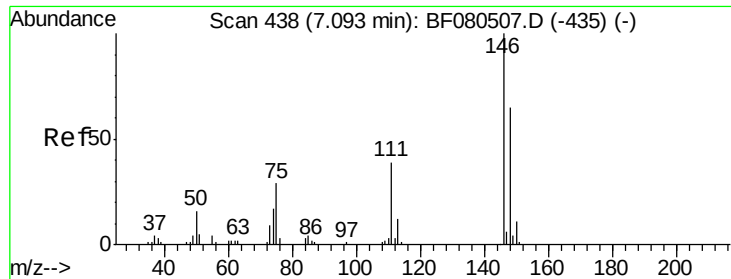
Tgt Ion: 93 Resp: 56585
Ion Ratio Lower Upper
93 100
63 73.8 65.6 105.6
95 31.7 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 35.91 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

Tgt Ion: 146 Resp: 64590
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 33.3 15.0 22.6#

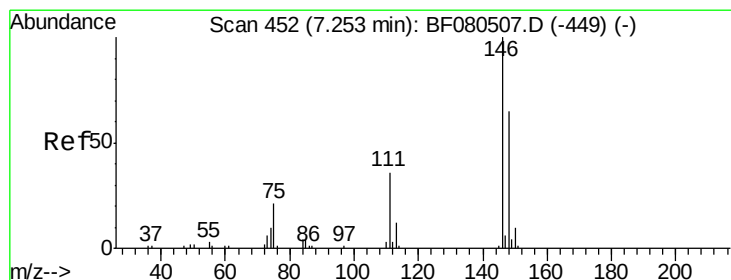
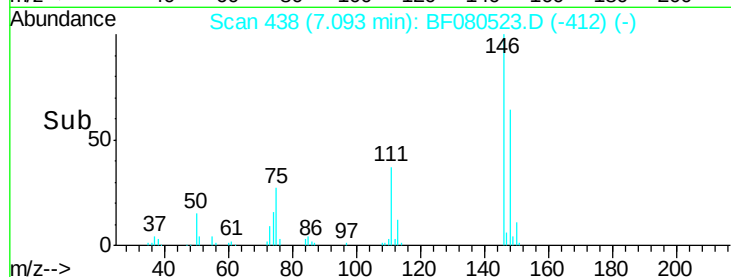
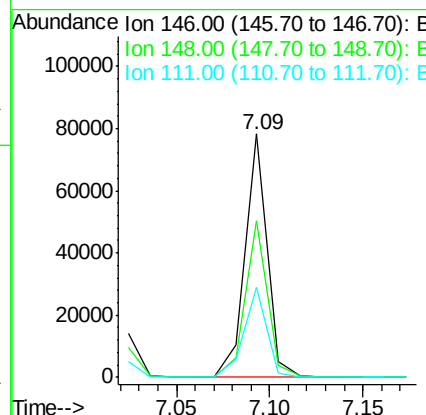
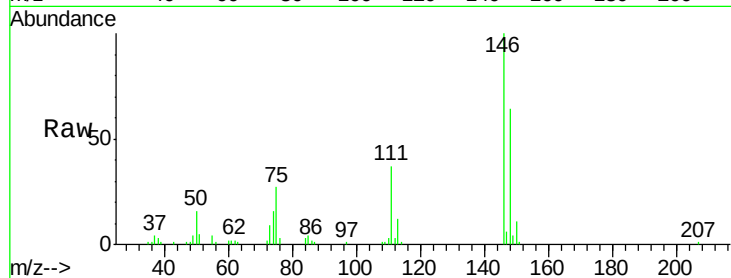




#13
 1,4-Dichlorobenzene
 Concen: 34.74 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

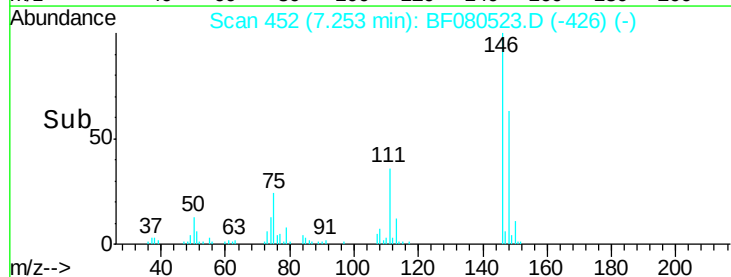
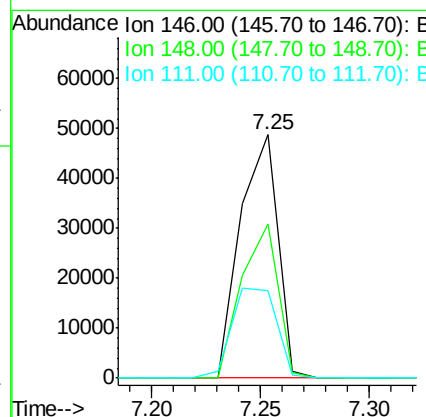
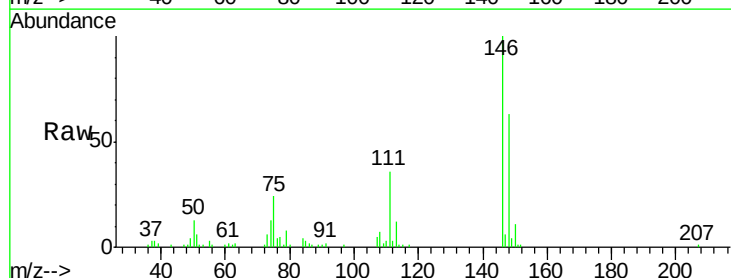
Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

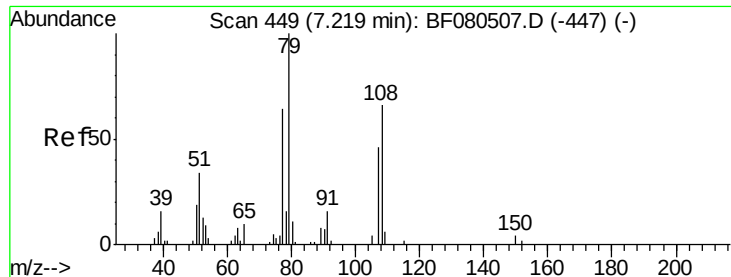
Tgt Ion:146 Resp: 64615
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.6
 111 37.0 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 35.79 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Tgt Ion:146 Resp: 58396
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.7 79.1
 111 35.7 28.8 43.2





#15

Benzyl Alcohol

Concen: 41.44 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.01 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

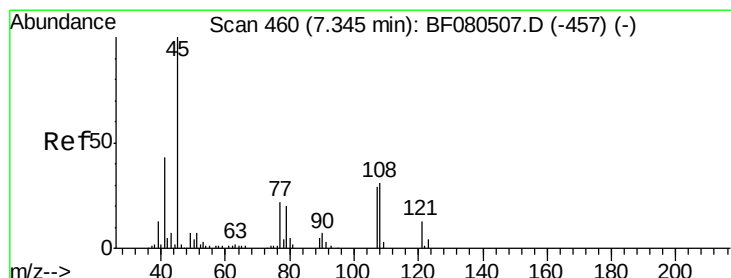
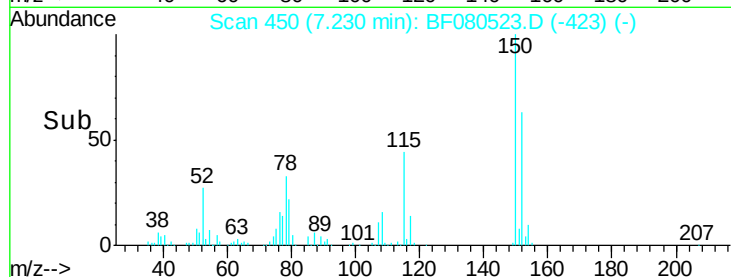
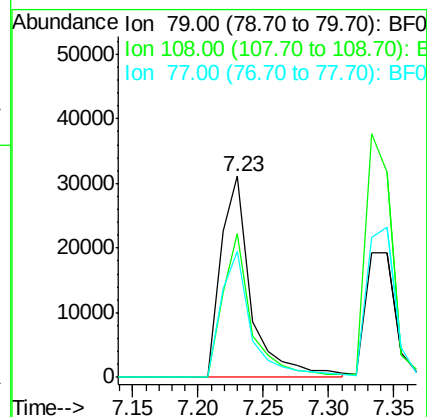
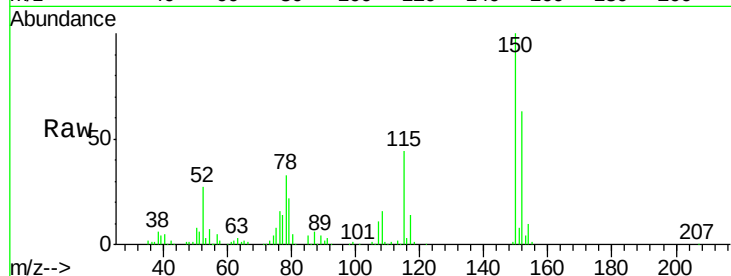
Tgt Ion: 79 Resp: 50342

Ion Ratio Lower Upper

79 100

108 71.8 88.6 132.8#

77 62.7 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.59 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

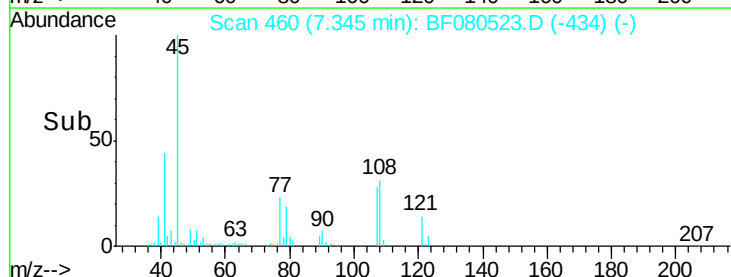
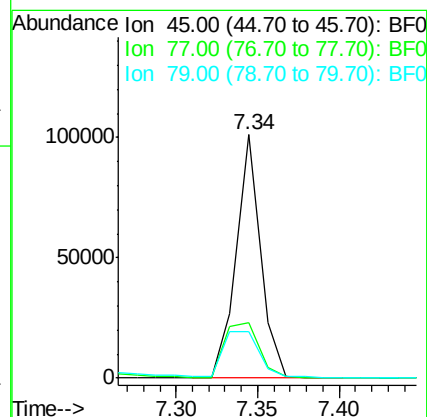
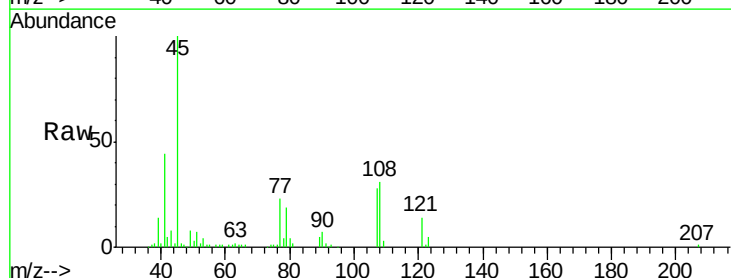
Tgt Ion: 45 Resp: 104112

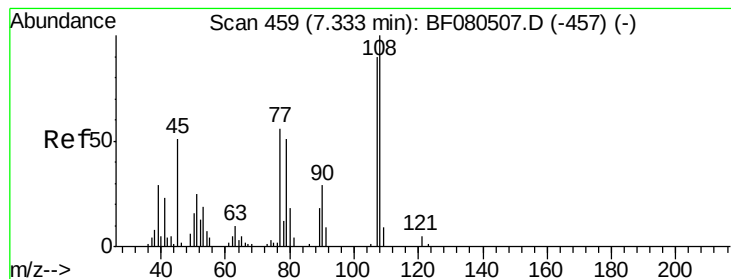
Ion Ratio Lower Upper

45 100

77 22.9 0.0 28.1

79 19.1 0.0 26.0





#17

2-Methylphenol

Concen: 40.22 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

Tgt Ion:107 Resp: 46287

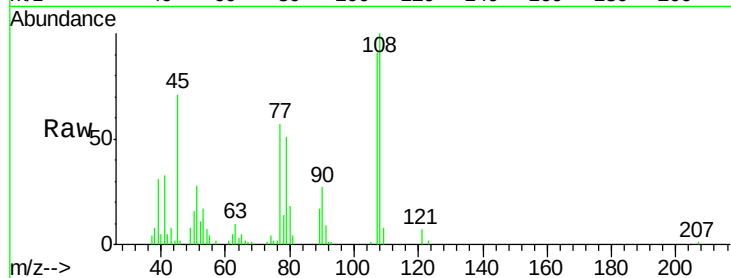
Ion Ratio Lower Upper

107 100

108 110.2 96.6 145.0

77 63.3 23.3 34.9#

79 56.6 22.0 33.0#



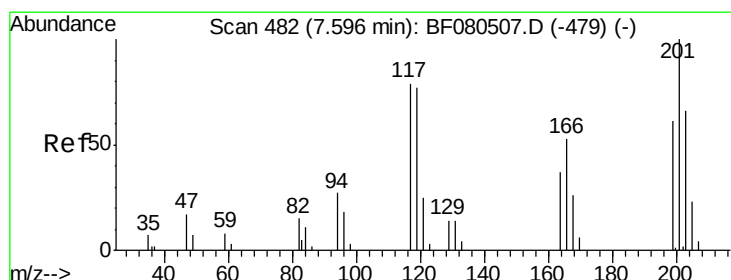
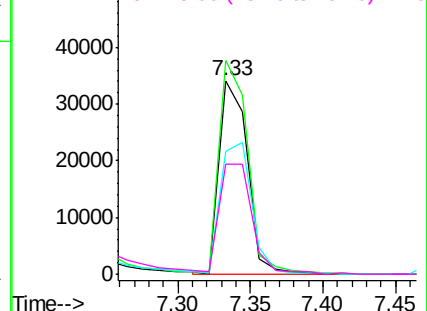
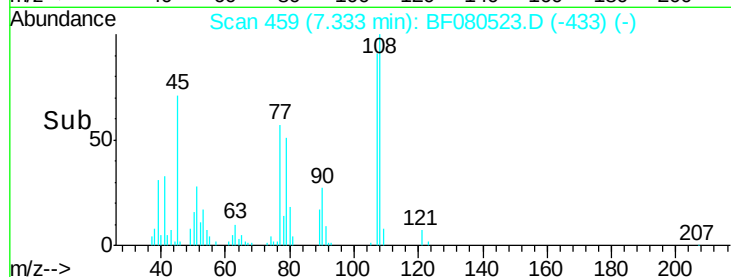
Abundance

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: 33.10 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

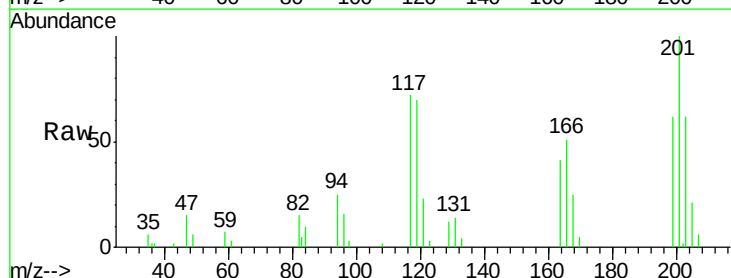
Tgt Ion:117 Resp: 18412

Ion Ratio Lower Upper

117 100

119 97.5 83.8 125.6

201 138.6 55.1 82.7#

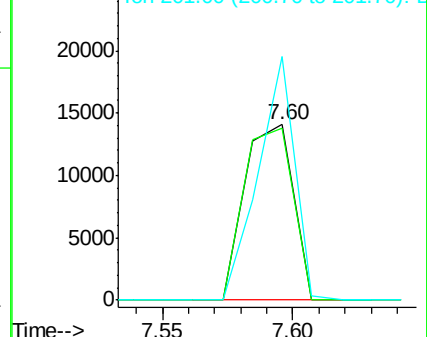
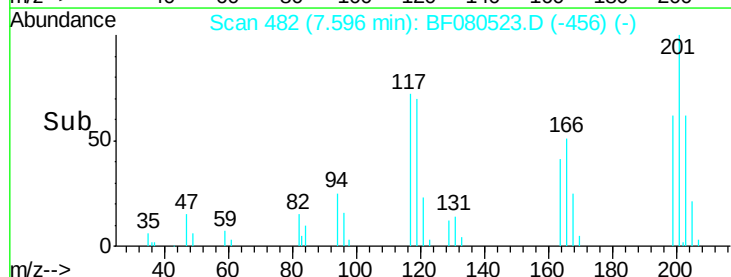


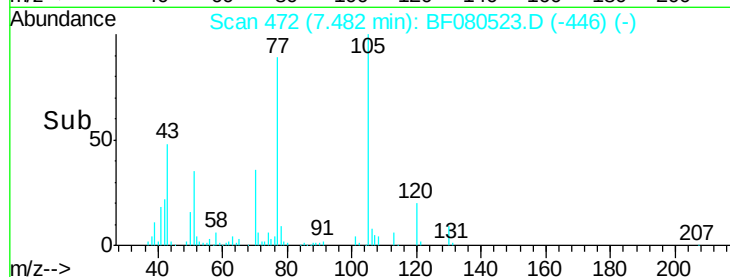
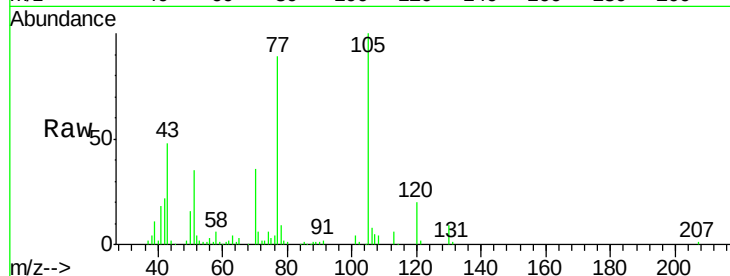
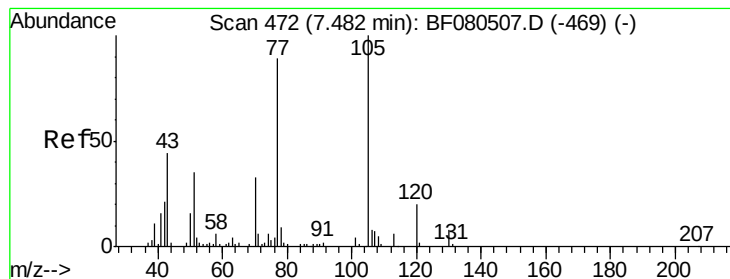
Abundance

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: 39.96 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

Tgt Ion: 70 Resp: 42215

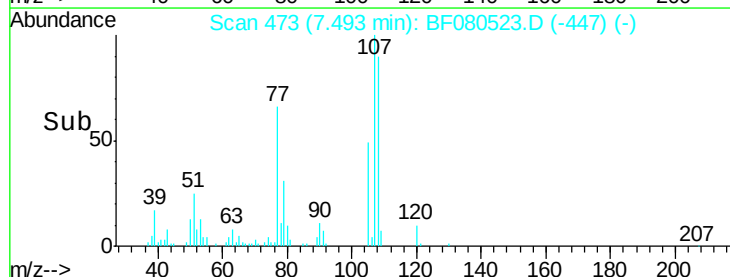
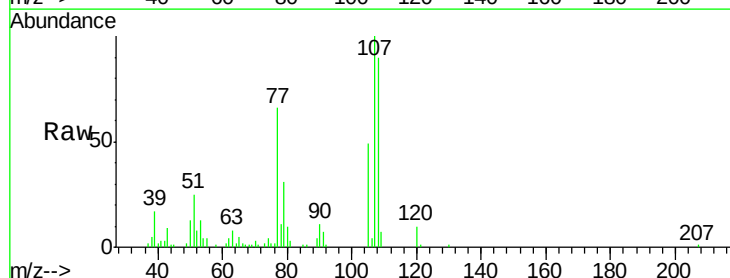
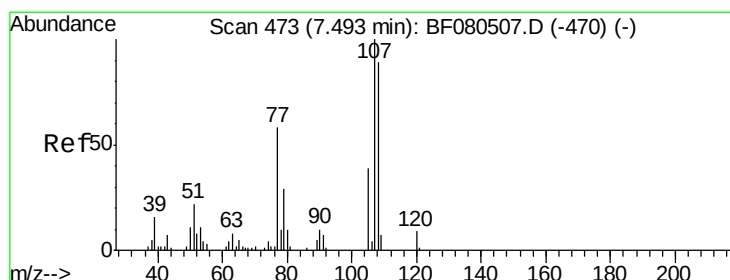
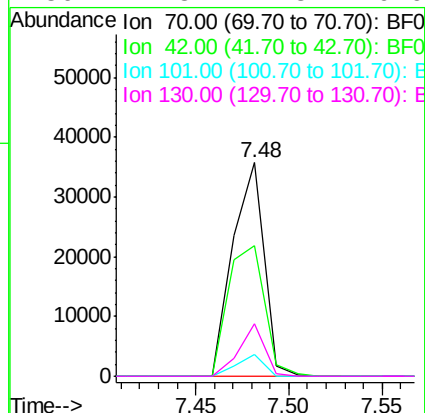
Ion Ratio Lower Upper

70 100

42 61.3 63.8 95.6#

101 9.9 9.2 13.8

130 24.8 27.3 40.9#



#20

3+4-Methylphenols

Concen: 40.44 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Tgt Ion: 107 Resp: 62878

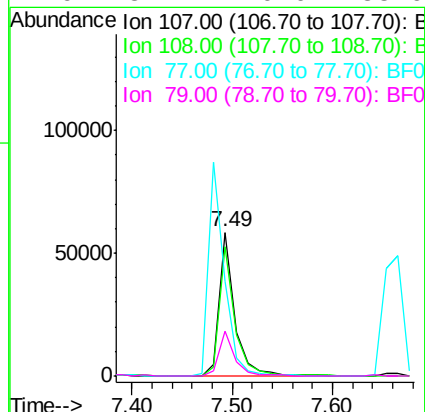
Ion Ratio Lower Upper

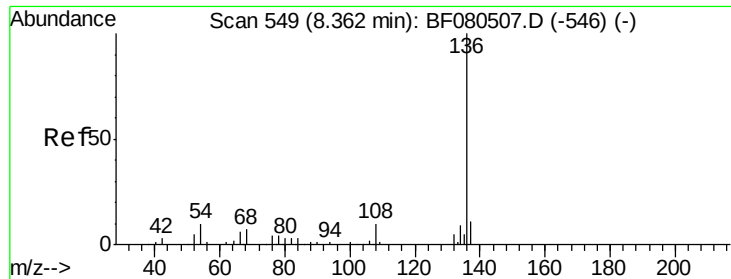
107 100

108 90.5 74.6 114.6

77 65.6 0.7 40.7#

79 31.2 0.0 38.9

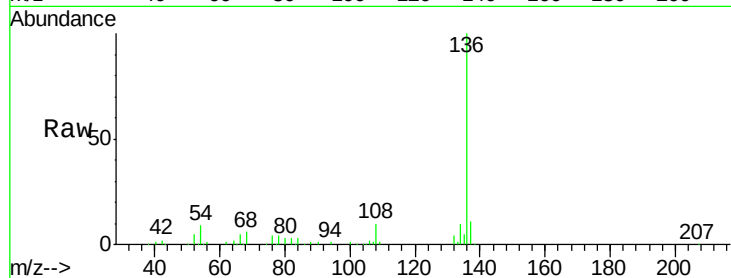




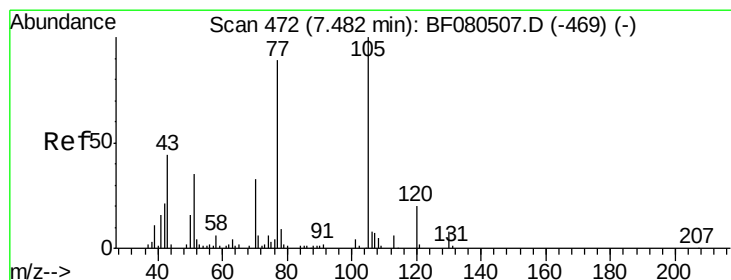
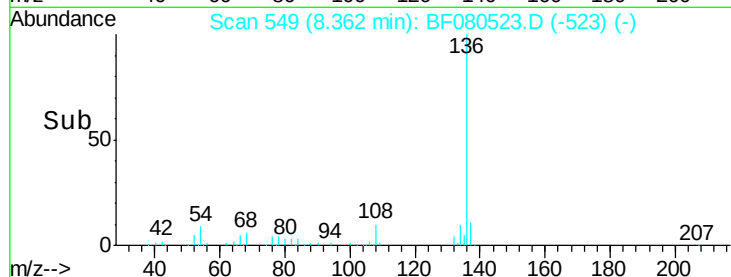
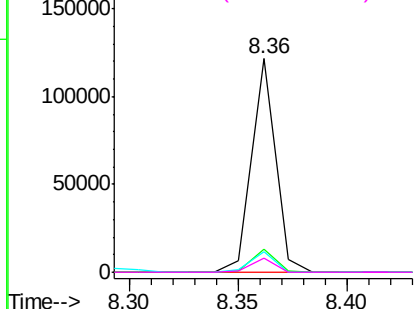
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

Instrument :
BNA_F
ClientSampleId :
TEC-E4MSD

Tgt Ion:	136	Resp:	92515
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.4	8.2	12.2
68	6.3	5.8	8.6

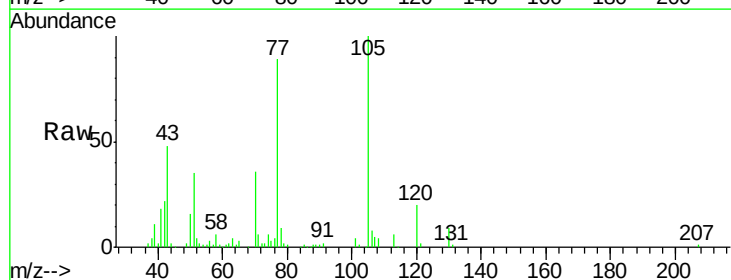


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

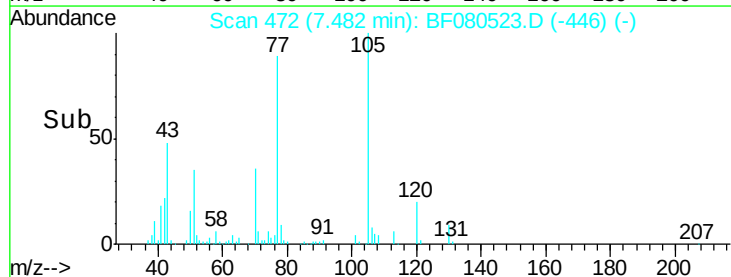
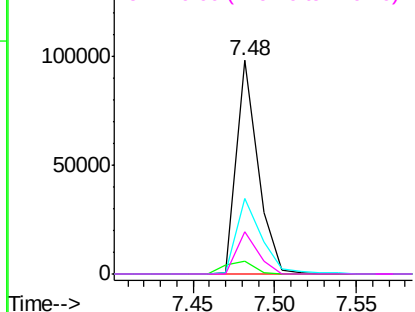


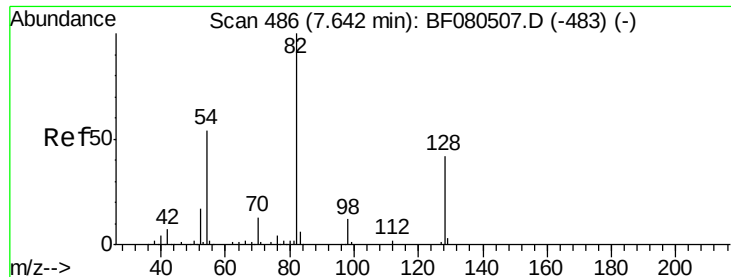
#22
Acetophenone
Concen: 43.50 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

Tgt Ion:	105	Resp:	89070
Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.7	7.1
51	35.3	22.0	33.0#
120	19.5	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

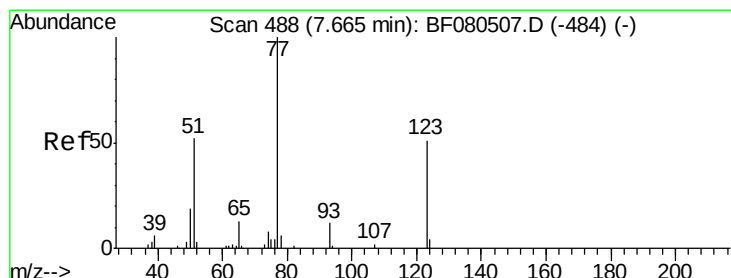
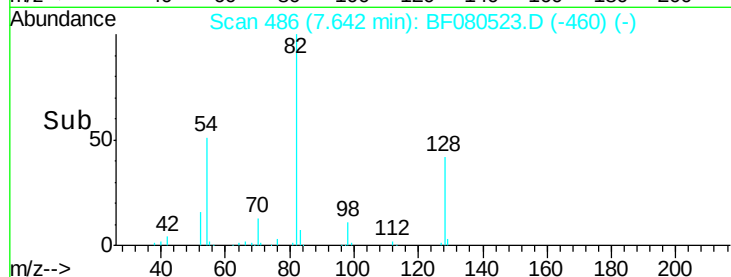
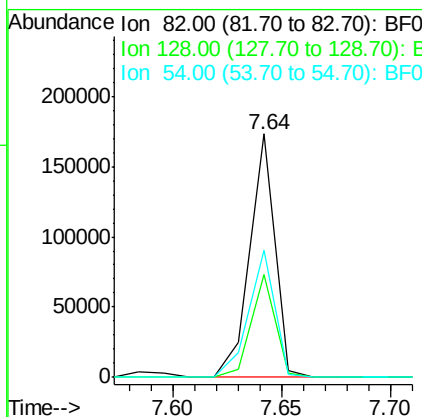
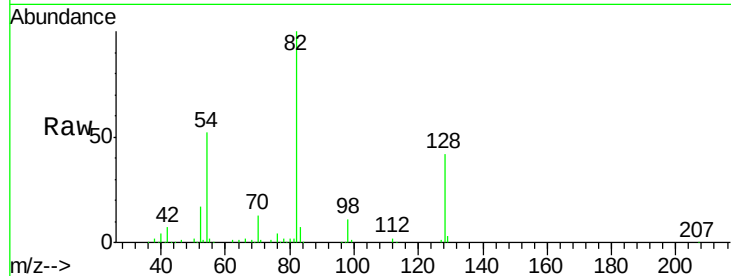




#23
 Nitrobenzene-d5
 Concen: 88.11 ng
 RT: 7.64 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

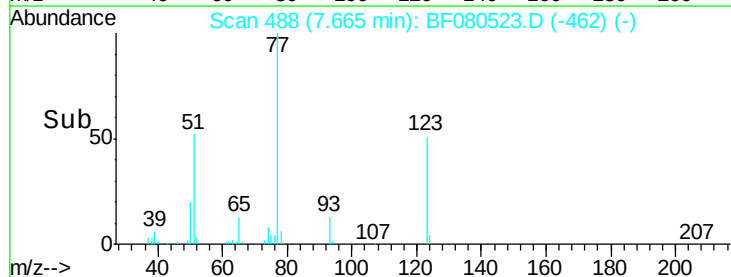
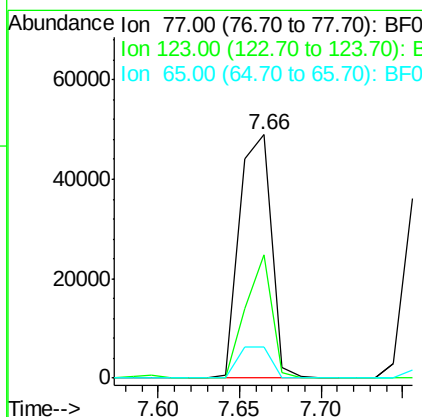
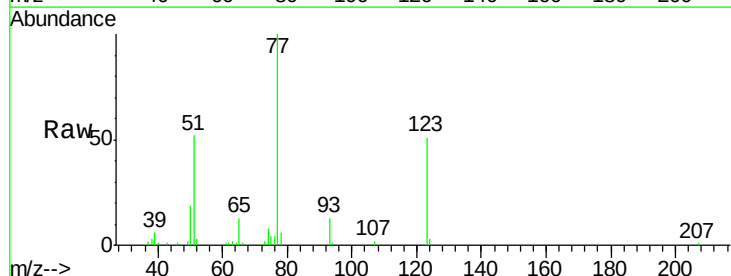
Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

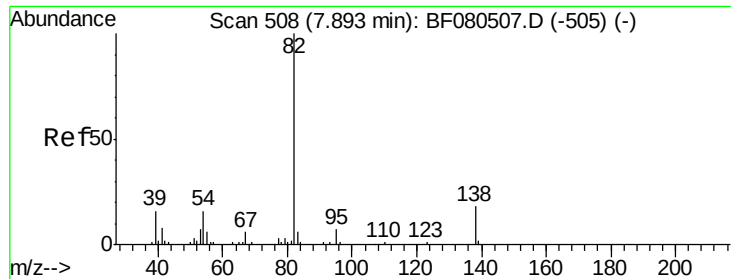
Tgt Ion: 82 Resp: 138867
 Ion Ratio Lower Upper
 82 100
 128 42.3 51.0 76.6#
 54 52.1 47.5 71.3



#24
 Nitrobenzene
 Concen: 41.39 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Tgt Ion: 77 Resp: 65854
 Ion Ratio Lower Upper
 77 100
 123 50.8 59.8 89.8#
 65 13.0 10.2 15.4





#25

Isophorone

Concen: 43.49 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

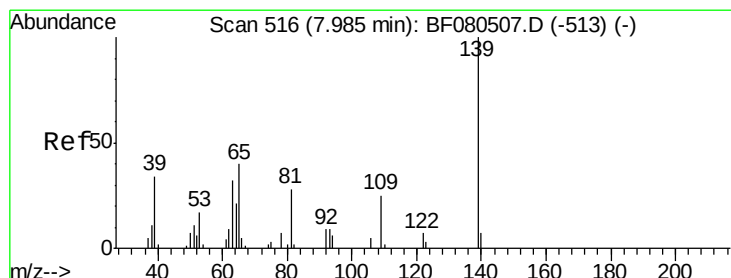
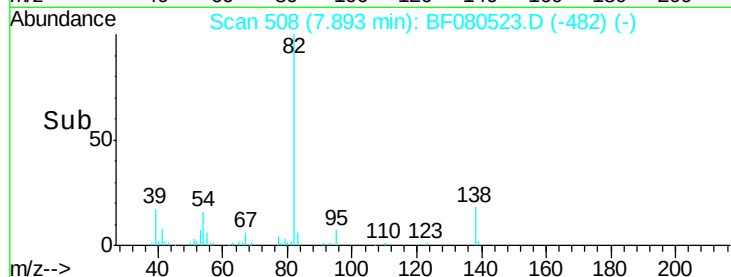
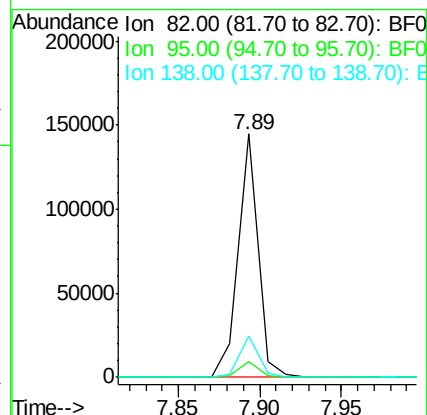
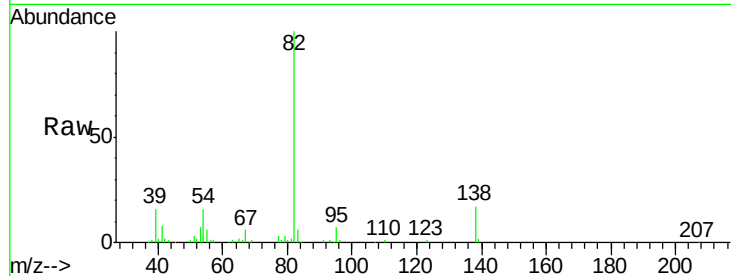
Tgt Ion: 82 Resp: 121066

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

138 17.2 18.3 27.5#



#26

2-Nitrophenol

Concen: 38.88 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

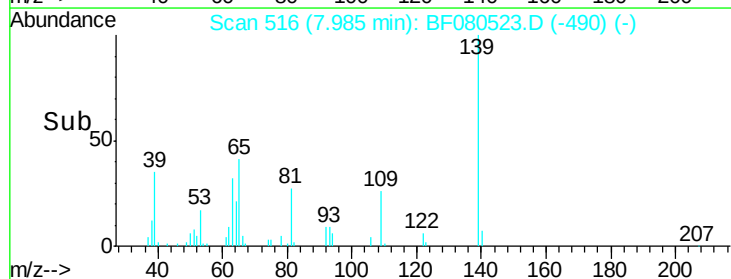
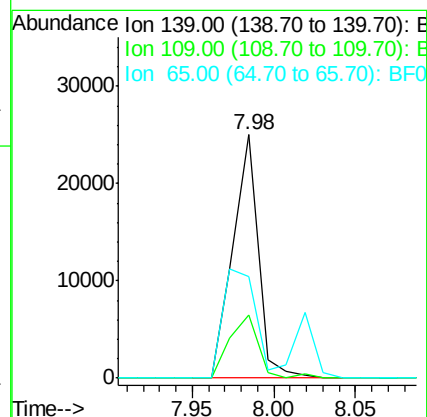
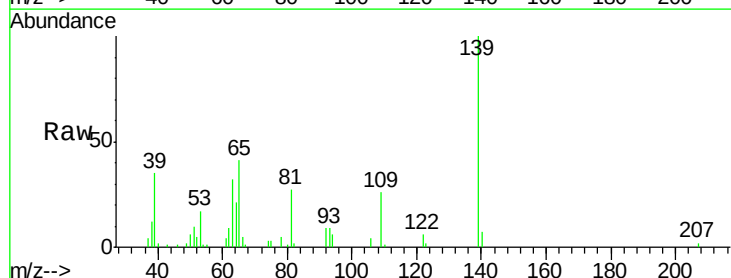
Tgt Ion: 139 Resp: 26848

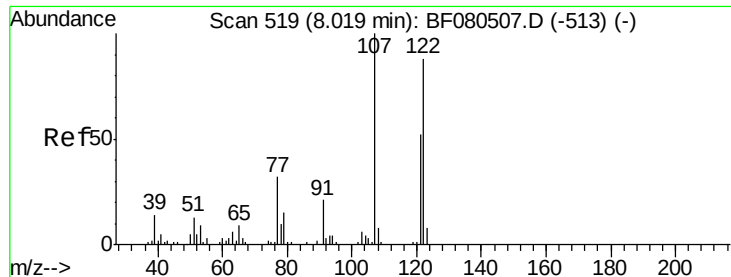
Ion Ratio Lower Upper

139 100

109 26.0 11.0 16.4#

65 41.5 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 41.29 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

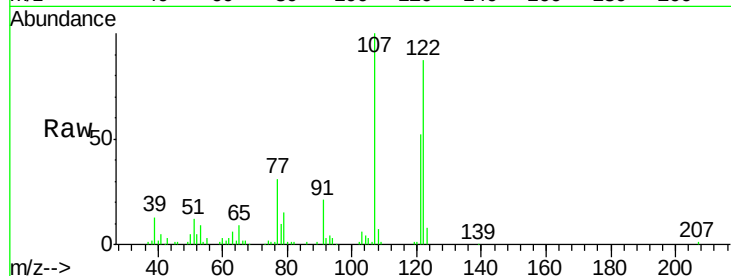
Tgt Ion:122 Resp: 55081

Ion Ratio Lower Upper

122 100

107 115.1 71.8 107.6#

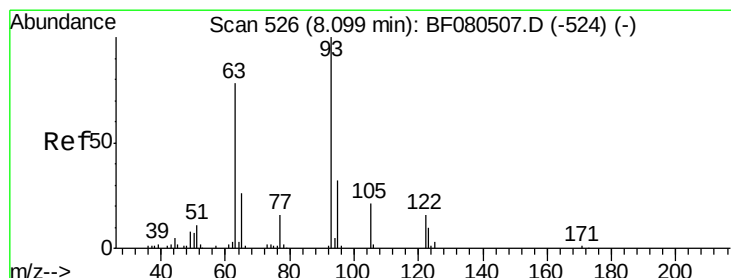
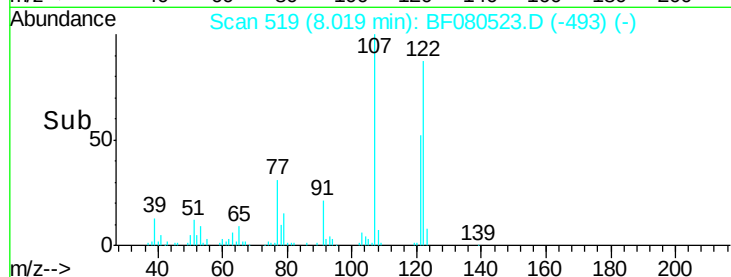
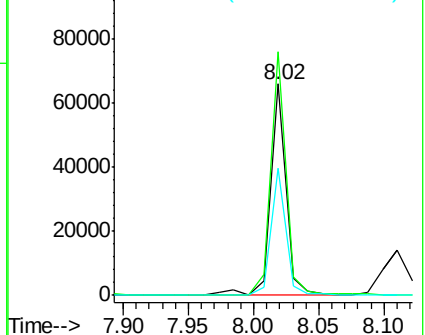
121 60.0 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.48 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

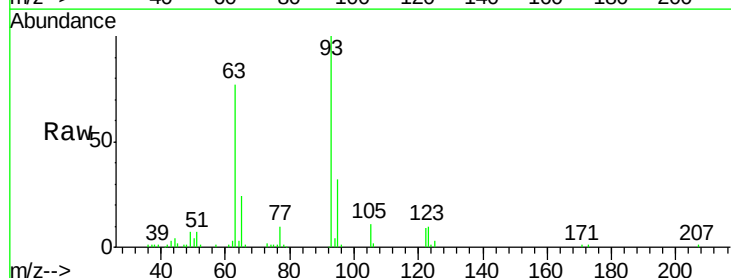
Tgt Ion: 93 Resp: 75984

Ion Ratio Lower Upper

93 100

95 31.8 27.5 41.3

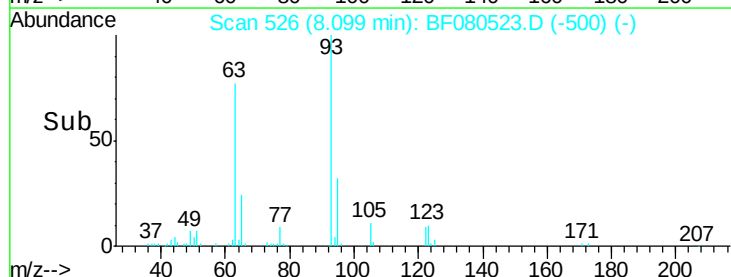
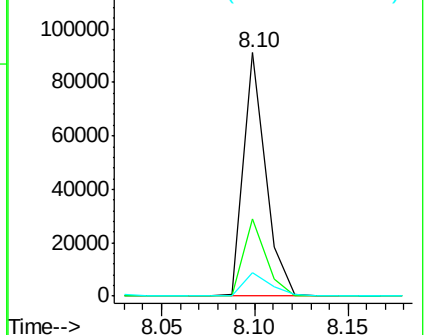
123 9.8 13.7 20.5#

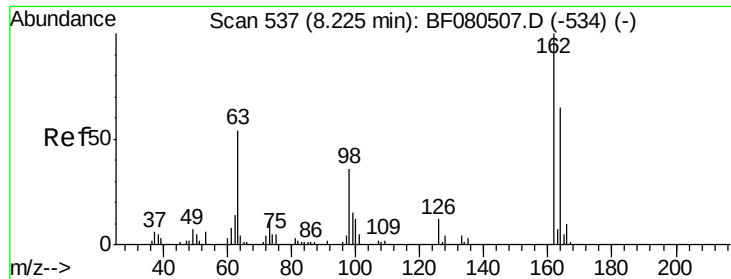


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.70 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

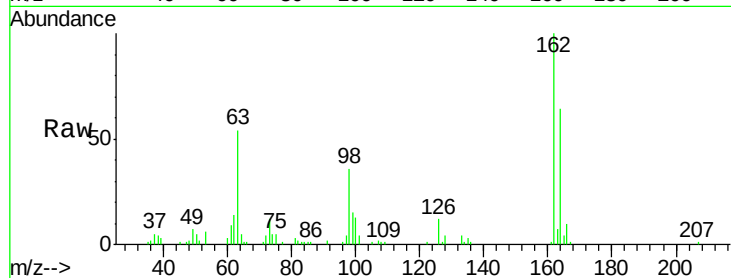
Tgt Ion:162 Resp: 54346

Ion Ratio Lower Upper

162 100

164 63.9 44.9 84.9

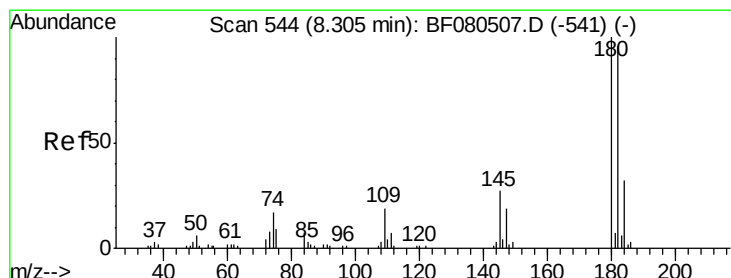
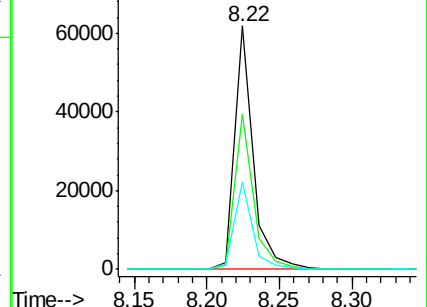
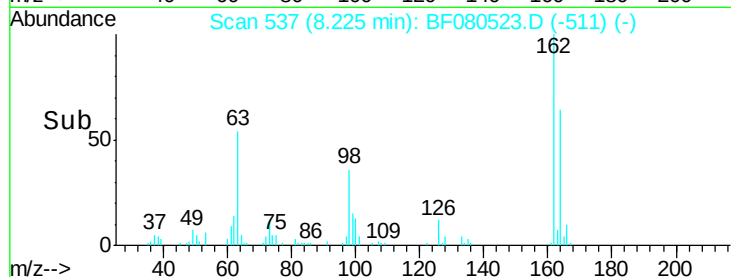
98 35.9 13.0 53.0



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: 37.43 ng

RT: 8.30 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

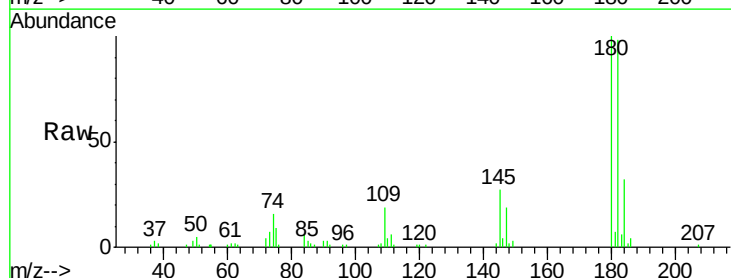
Tgt Ion:180 Resp: 52243

Ion Ratio Lower Upper

180 100

182 98.4 77.1 115.7

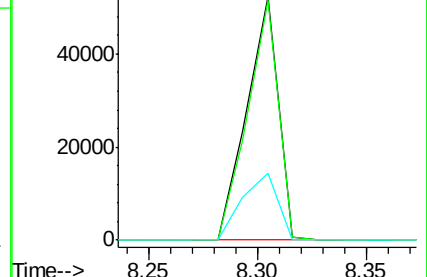
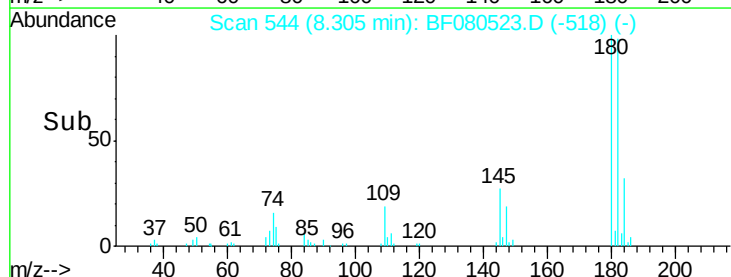
145 27.4 23.3 34.9

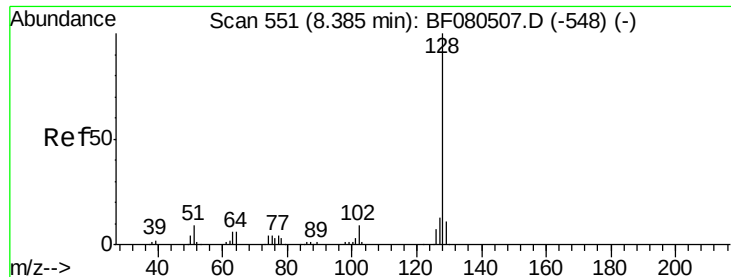


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

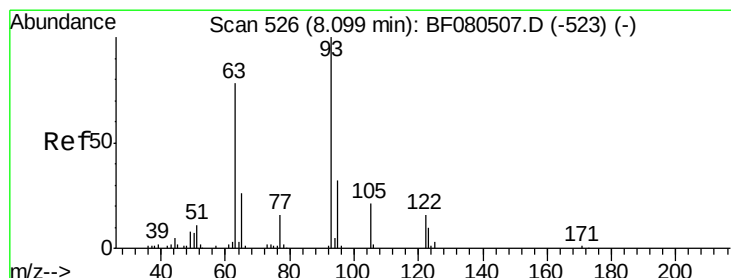
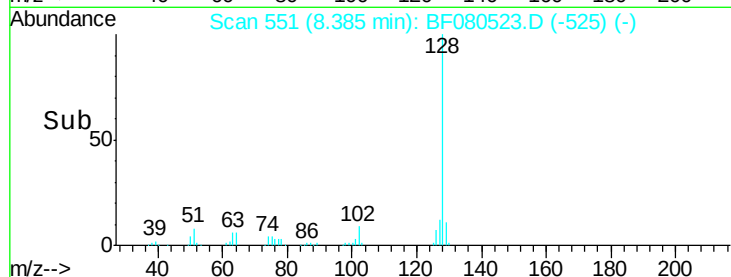
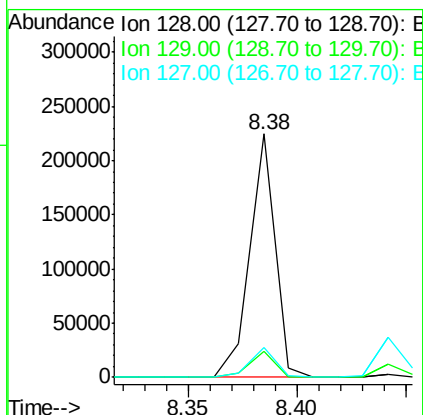
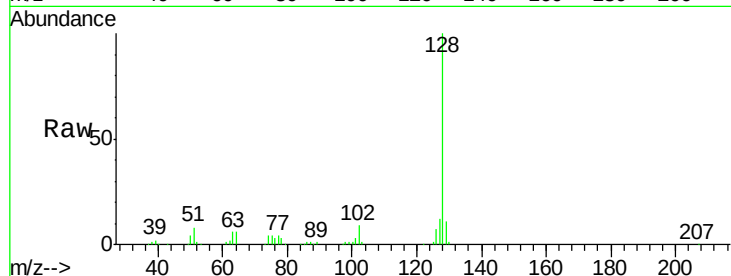




#31
Naphthalene
Concen: 40.04 ng
RT: 8.38 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

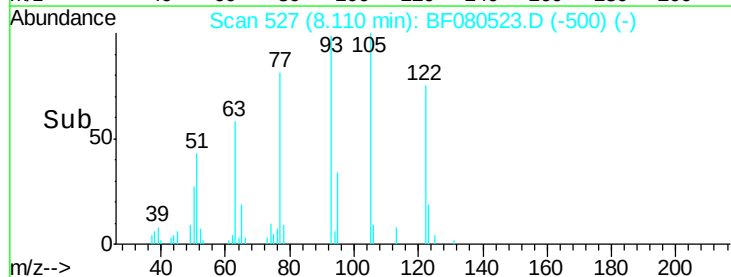
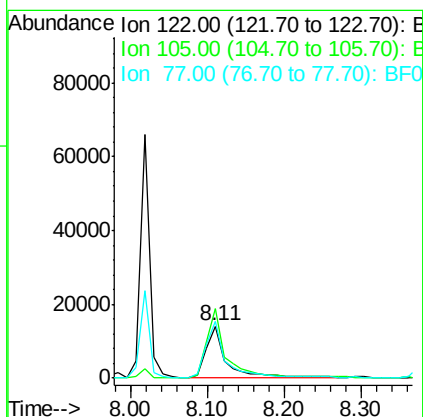
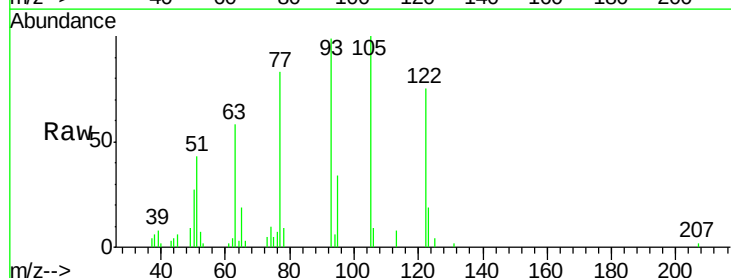
Instrument :
BNA_F
ClientSampleId :
TEC-E4MSD

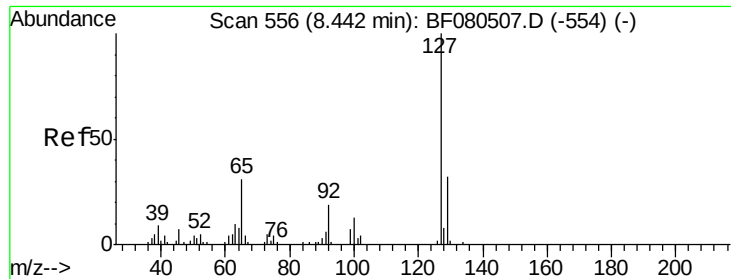
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.4	12.6
127	12.5	9.9	14.9



#32
Benzoic acid
Concen: 38.16 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.0	76.1	116.1#
77	110.6	40.5	80.5#

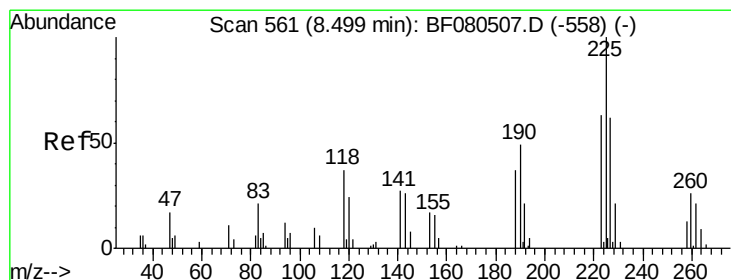
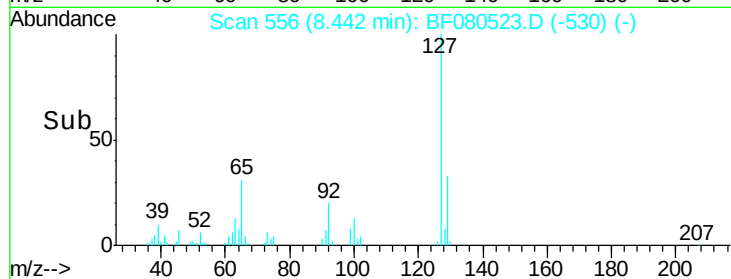
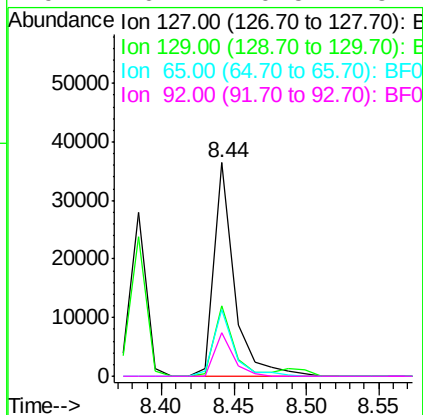
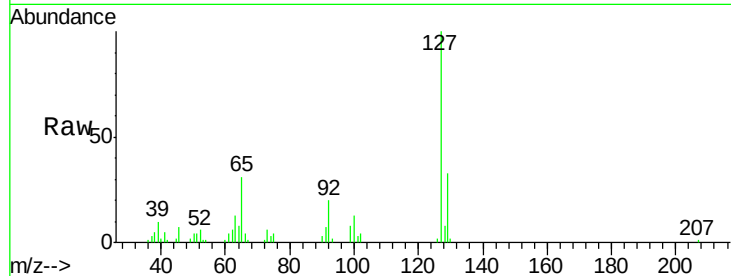




#33
 4-Chloroaniline
 Concen: 20.11 ng
 RT: 8.44 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

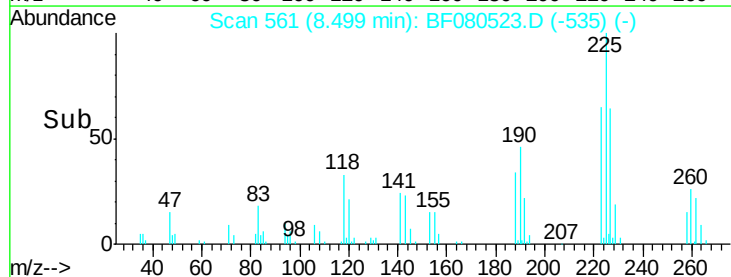
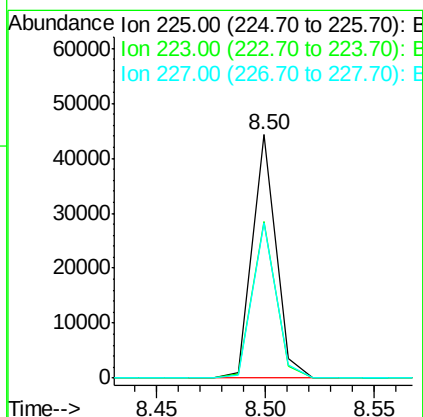
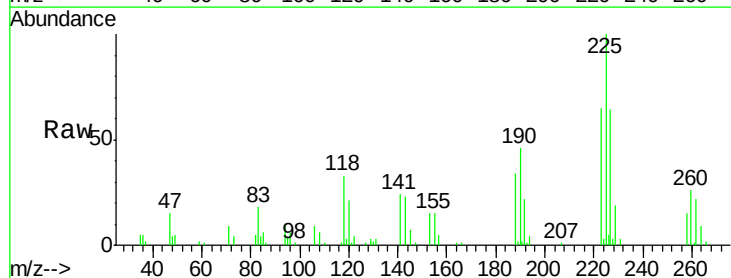
Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

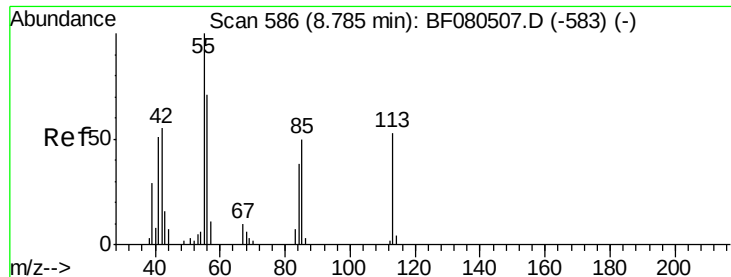
Tgt Ion:	127	Resp:	35525
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.6
65	31.4	17.9	26.9#
92	20.4	10.5	15.7#



#34
 Hexachlorobutadiene
 Concen: 41.53 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Tgt Ion:	225	Resp:	33563
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.2	75.2
227	63.9	52.2	78.2

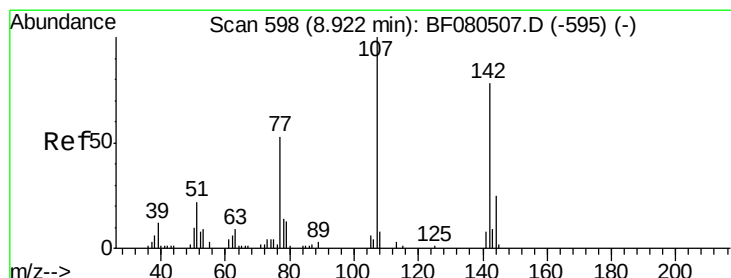
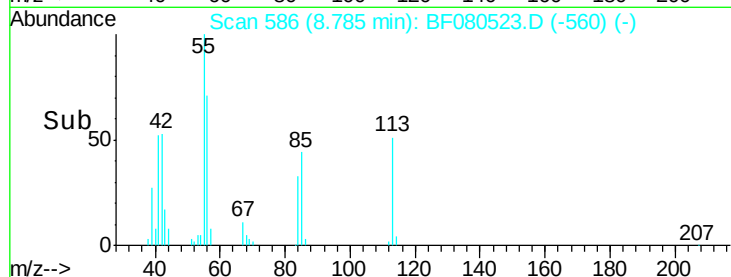
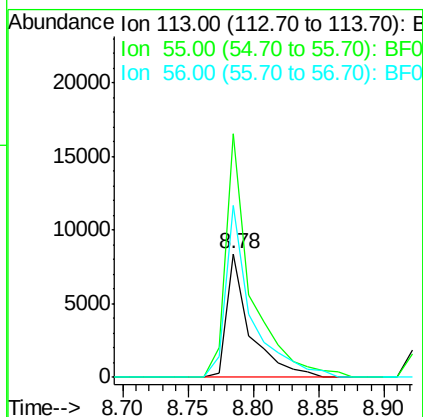
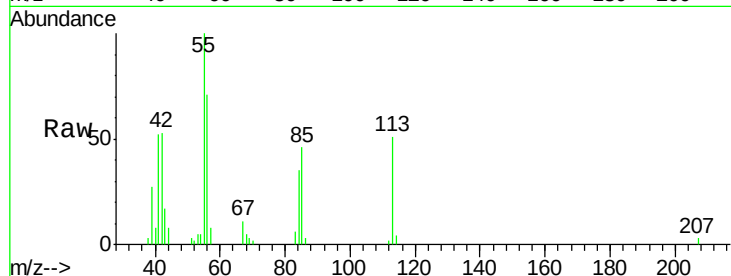




#35
 Caprolactam
 Concen: 37.30 ng
 RT: 8.78 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

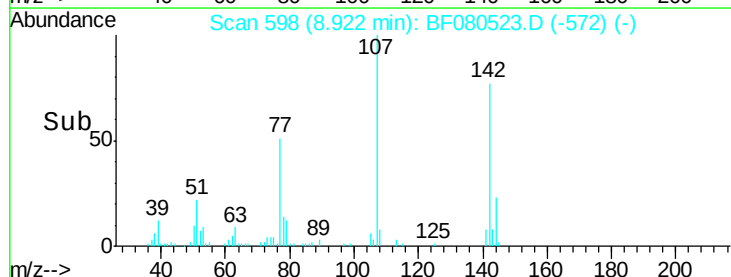
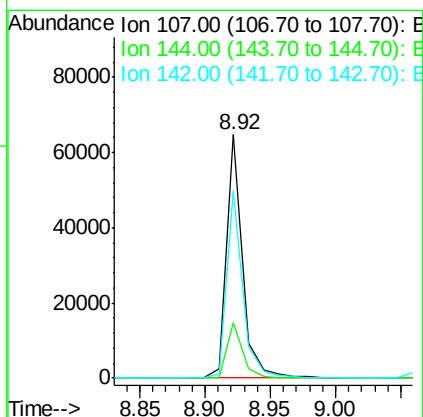
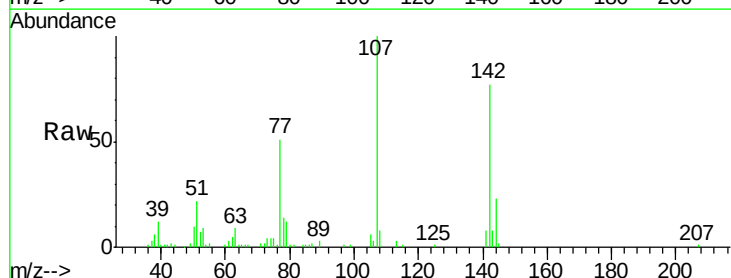
Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

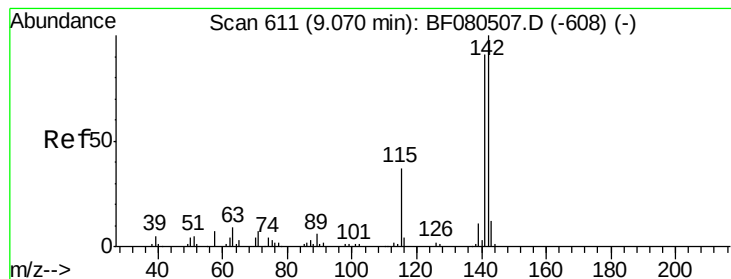
Tgt Ion:113 Resp: 10528
 Ion Ratio Lower Upper
 113 100
 55 197.0 152.4 192.4#
 56 139.1 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.05 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Tgt Ion:107 Resp: 55273
 Ion Ratio Lower Upper
 107 100
 144 23.0 25.4 38.0#
 142 76.7 77.3 115.9#

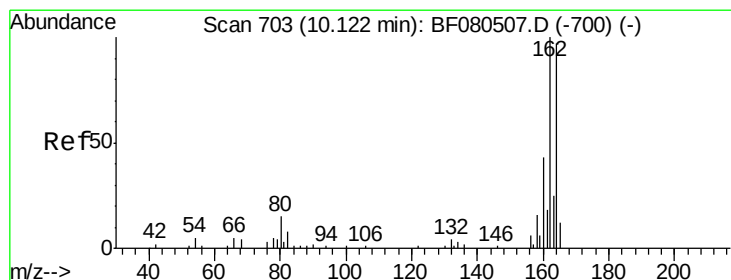
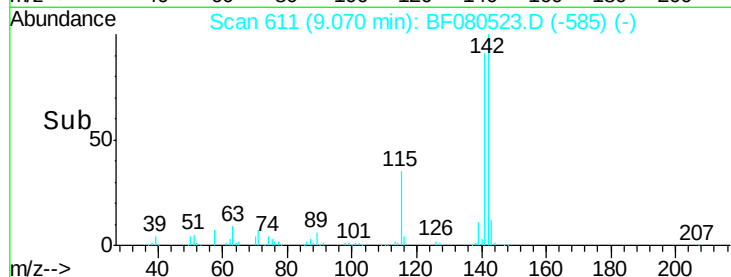
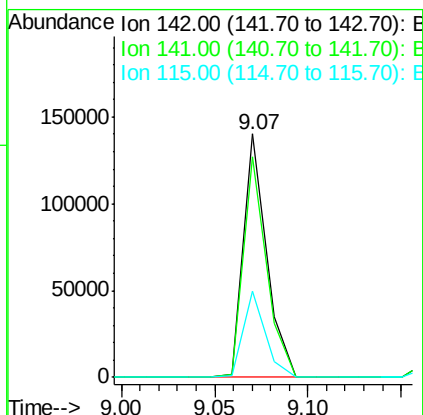
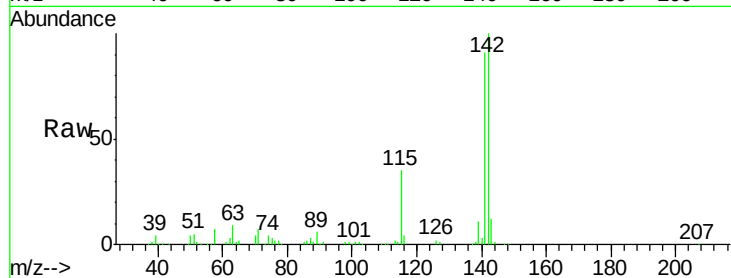




#37
 2-Methylnaphthalene
 Concen: 44.80 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

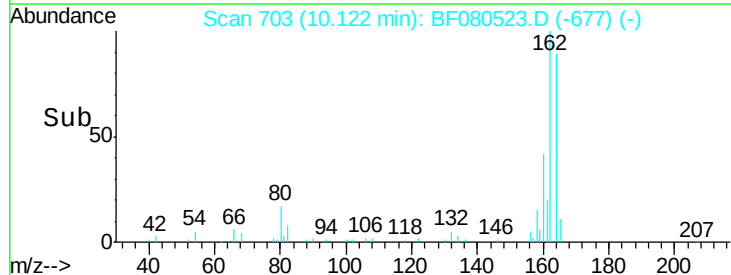
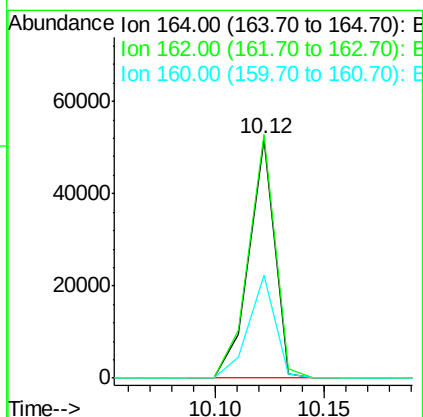
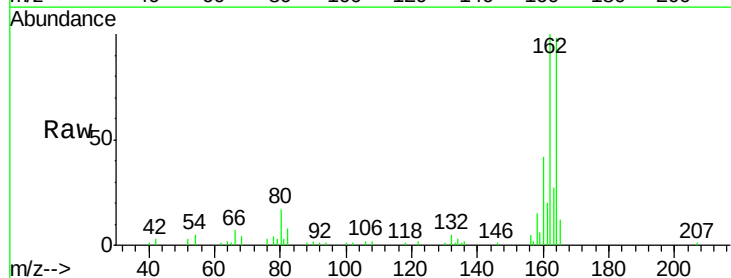
Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

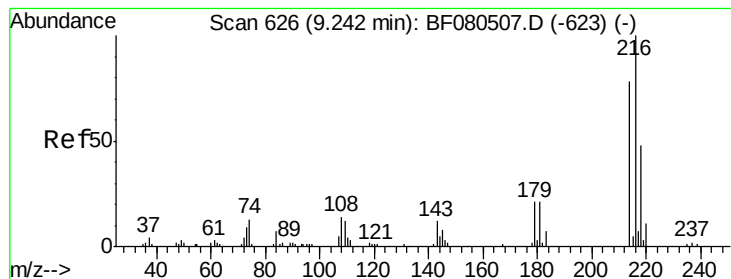
Tgt Ion:142 Resp: 121646
 Ion Ratio Lower Upper
 142 100
 141 90.8 67.5 101.3
 115 35.2 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Tgt Ion:164 Resp: 42712
 Ion Ratio Lower Upper
 164 100
 162 102.1 75.2 112.8
 160 43.3 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.13 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

Tgt Ion:216 Resp: 56333

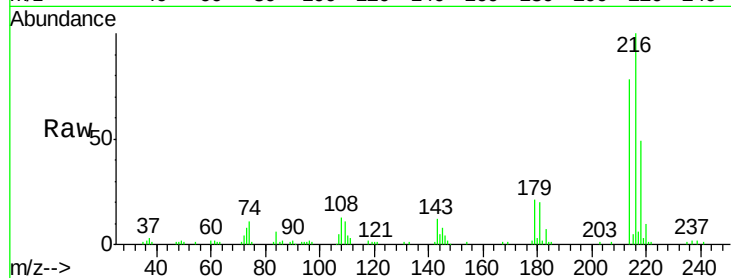
Ion Ratio Lower Upper

216 100

214 79.2 63.5 95.3

179 22.4 16.6 24.8

108 19.6 16.3 24.5

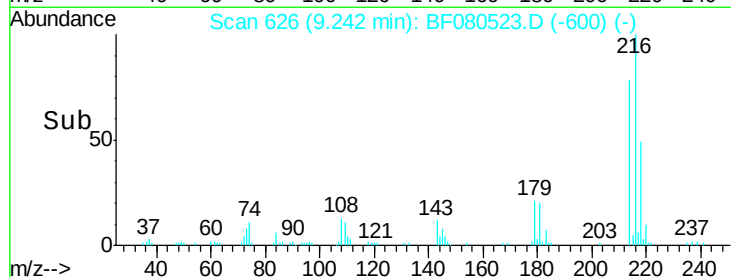


Abundance Ion 216.00 (215.70 to 216.70): E

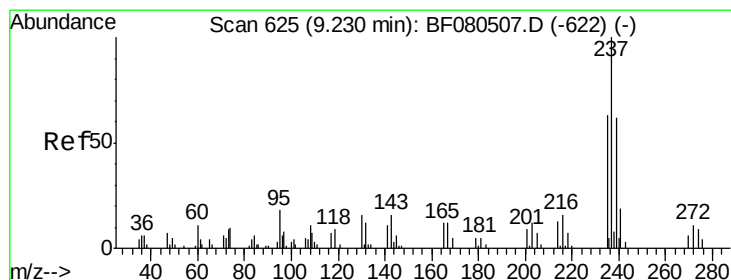
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 88.94 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

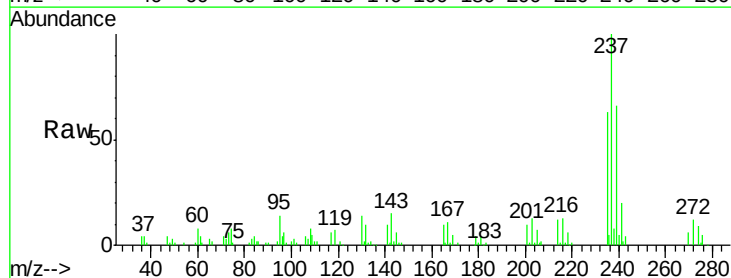
Tgt Ion:237 Resp: 59791

Ion Ratio Lower Upper

237 100

235 63.0 42.0 82.0

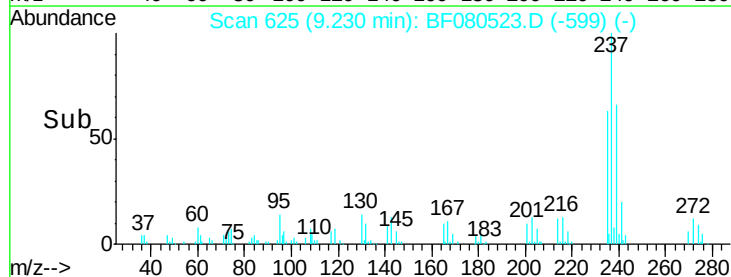
272 12.5 0.0 36.1



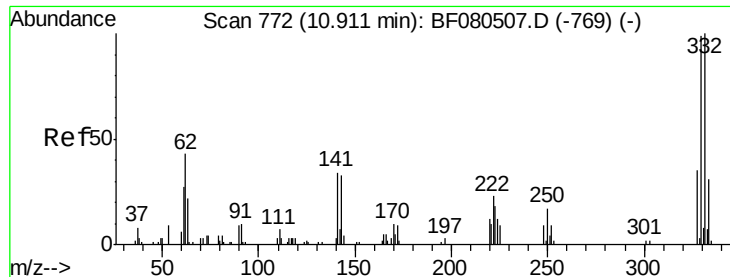
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



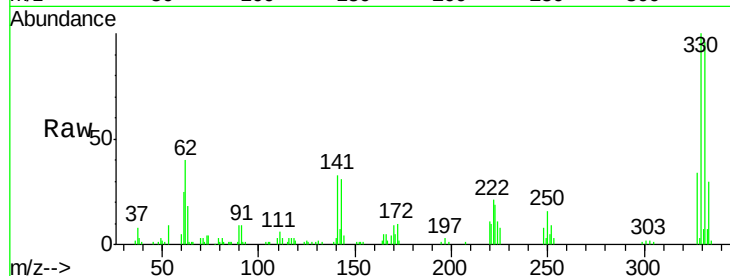
Time-->



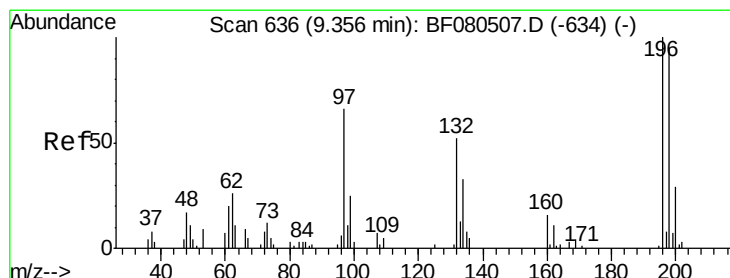
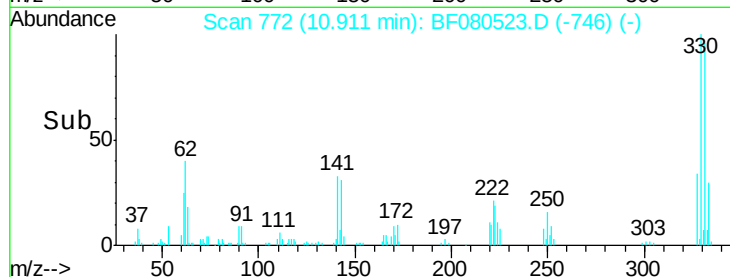
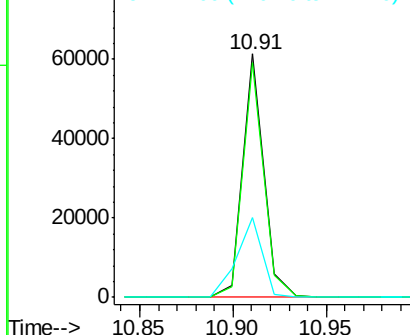
#41
 2,4,6-Tribromophenol
 Concen: 146.14 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

Tgt Ion:330 Resp: 48567
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 114.8
 141 39.3 29.7 44.5

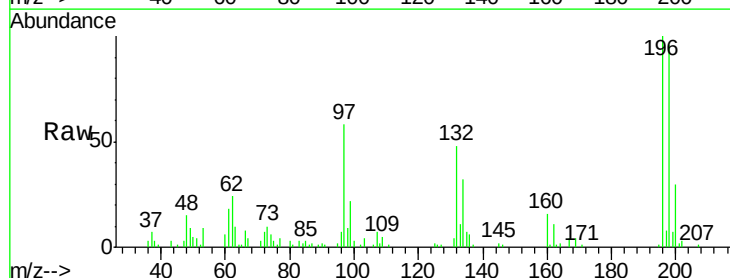


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

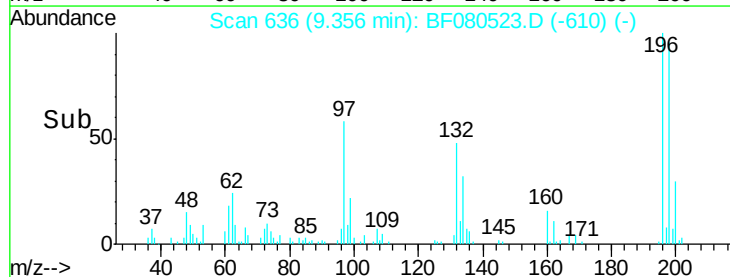
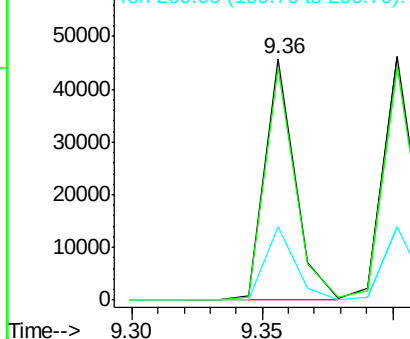


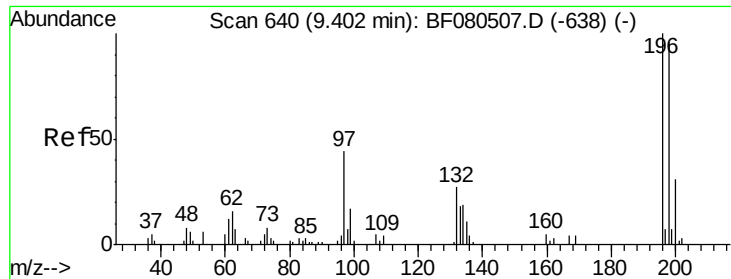
#42
 2,4,6-Trichlorophenol
 Concen: 45.38 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Tgt Ion:196 Resp: 37203
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.7 113.5
 200 30.3 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

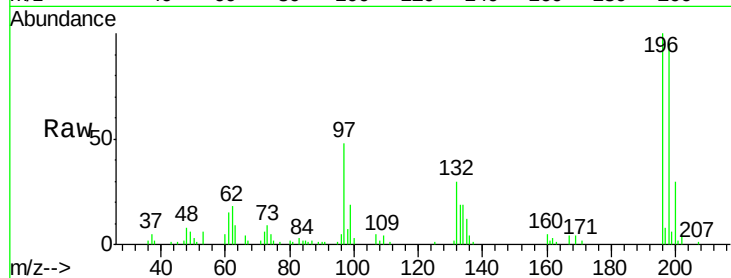




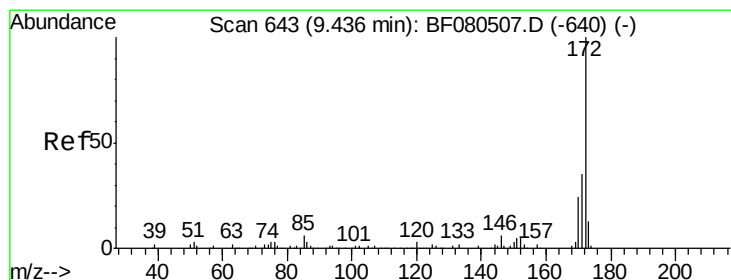
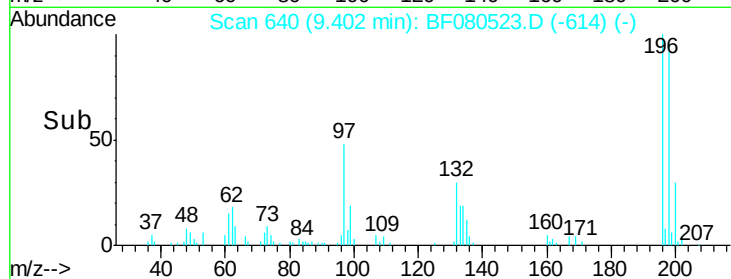
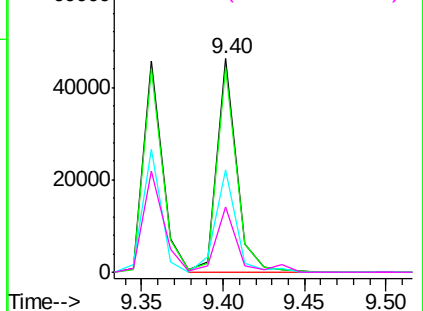
#43
 2,4,5-Trichlorophenol
 Concen: 44.65 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

Tgt Ion:196 Resp: 38962
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.4 113.0
 97 47.7 33.3 49.9
 132 30.4 24.6 37.0

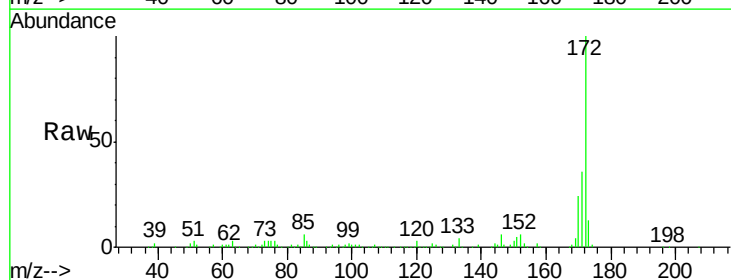


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

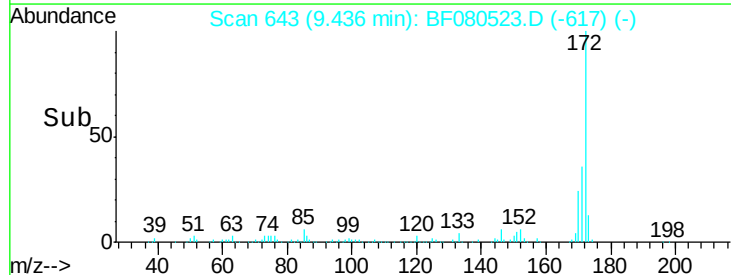
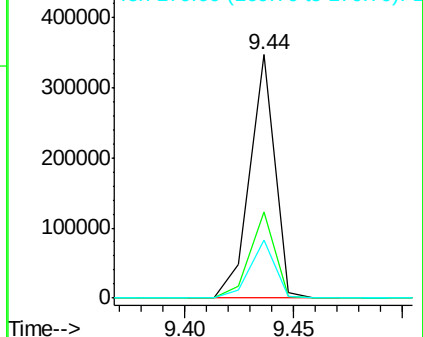


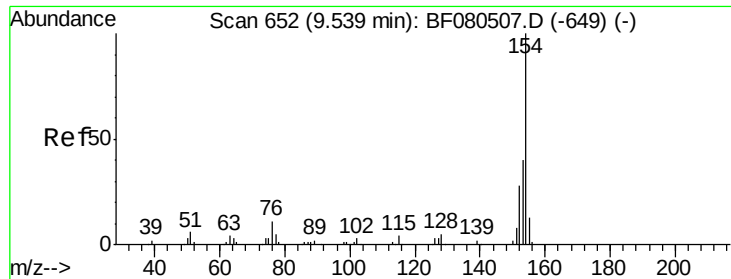
#44
 2-Fluorobiphenyl
 Concen: 87.95 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Tgt Ion:172 Resp: 276047
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.7 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

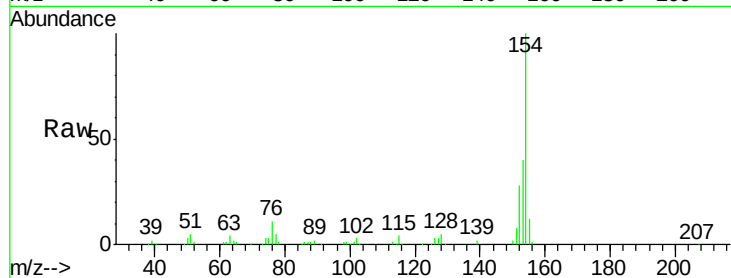




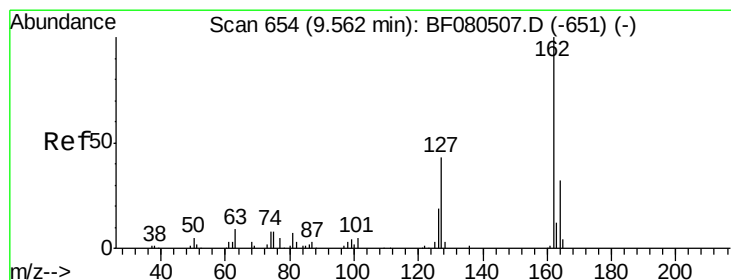
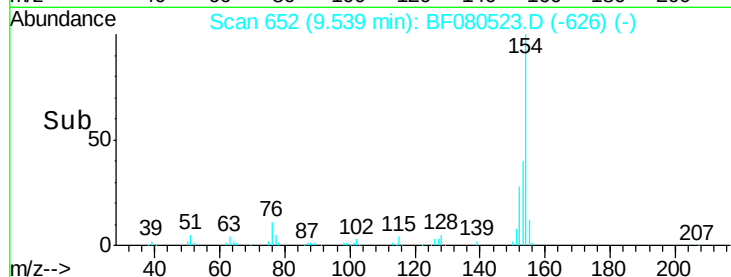
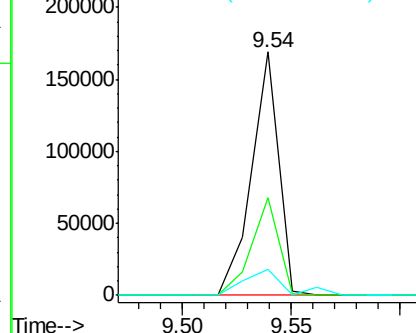
#45
 1,1'-Biphenyl
 Concen: 41.70 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

Tgt Ion:154 Resp: 145572
 Ion Ratio Lower Upper
 154 100
 153 40.1 17.1 57.1
 76 10.6 0.0 31.6

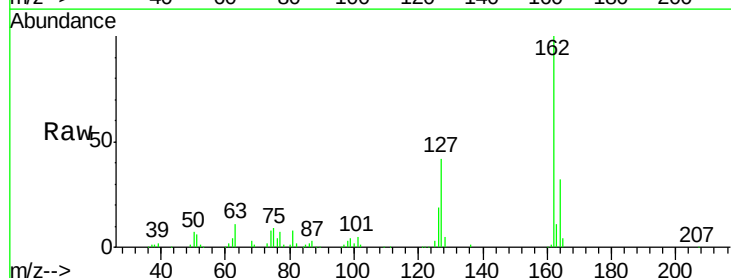


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

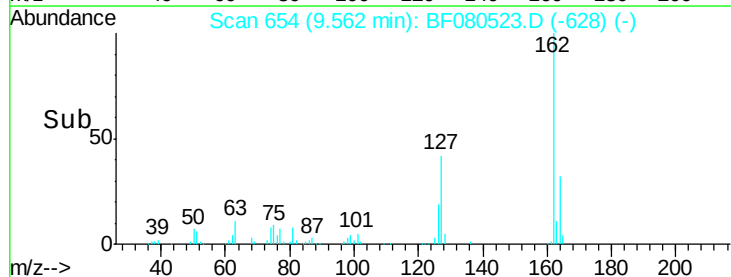
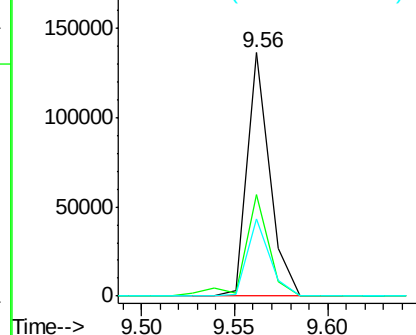


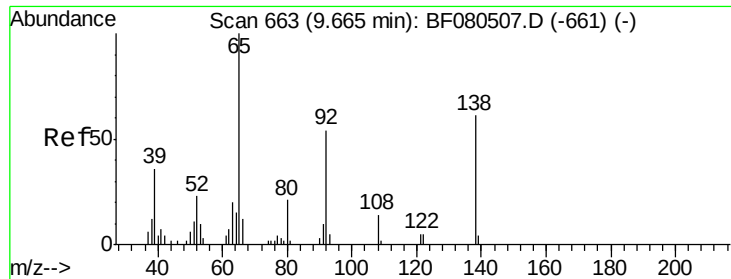
#46
 2-Chloronaphthalene
 Concen: 43.78 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Tgt Ion:162 Resp: 114462
 Ion Ratio Lower Upper
 162 100
 127 41.9 27.6 41.4#
 164 31.6 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: 48.63 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

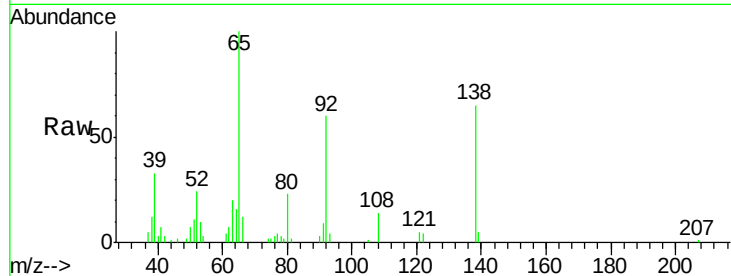
Tgt Ion: 65 Resp: 32770

Ion Ratio Lower Upper

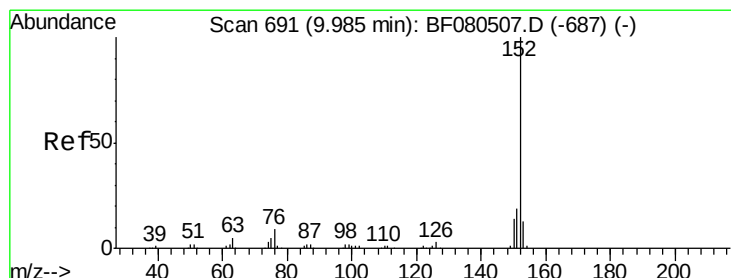
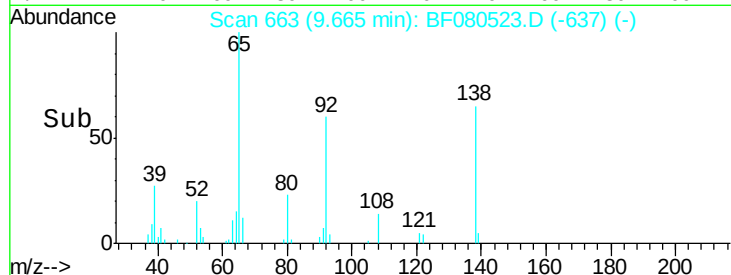
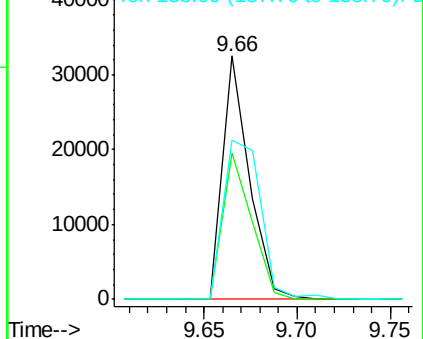
65 100

92 59.9 55.4 83.0

138 65.4 115.5 173.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 43.00 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

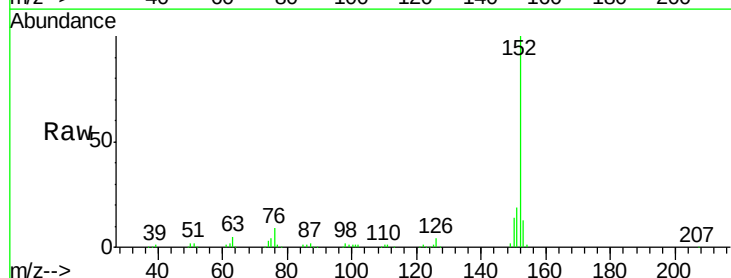
Tgt Ion: 152 Resp: 188338

Ion Ratio Lower Upper

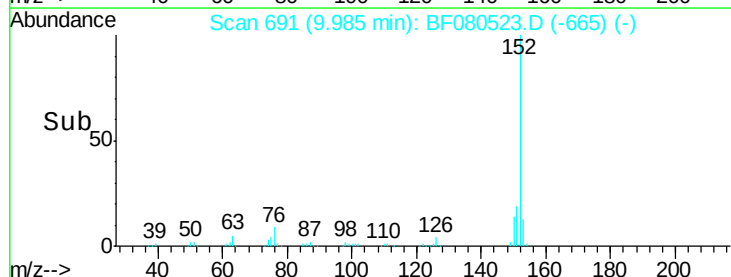
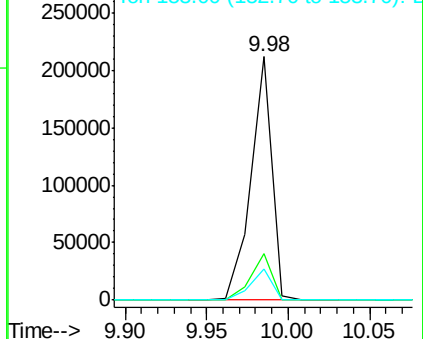
152 100

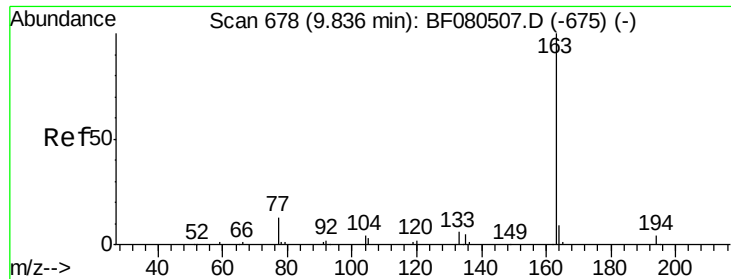
151 19.3 14.6 22.0

153 12.7 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

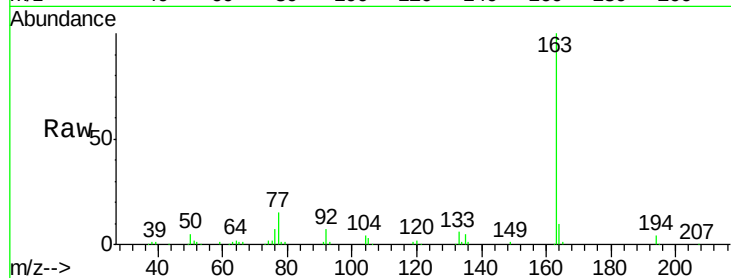




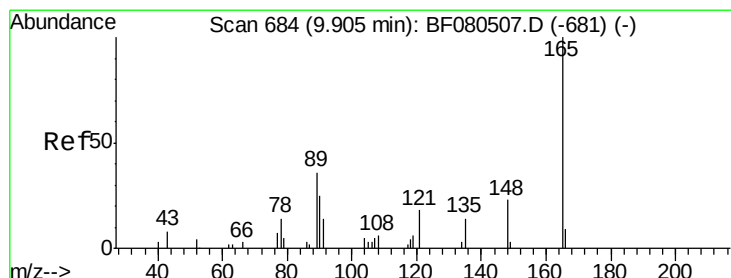
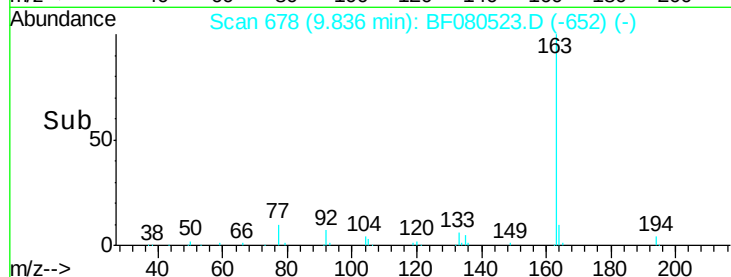
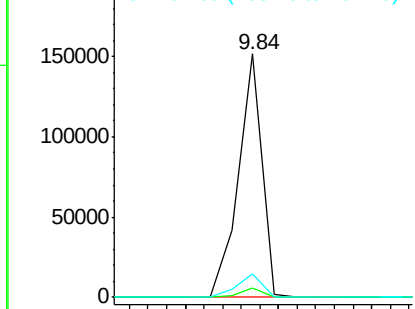
#49
Dimethylphthalate
Concen: 45.70 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

Instrument :
BNA_F
ClientSampleId :
TEC-E4MSD

Tgt Ion:163 Resp: 133881
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 9.6 8.3 12.5

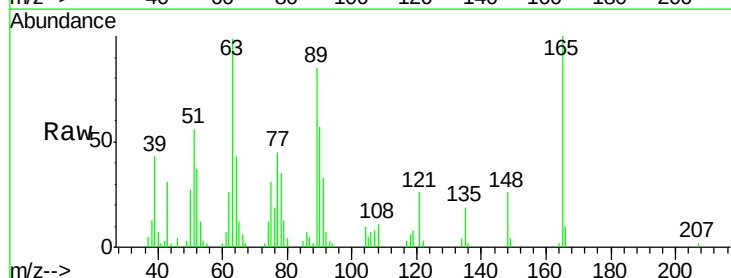


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

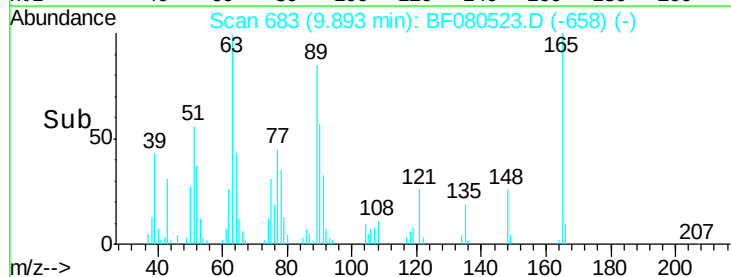
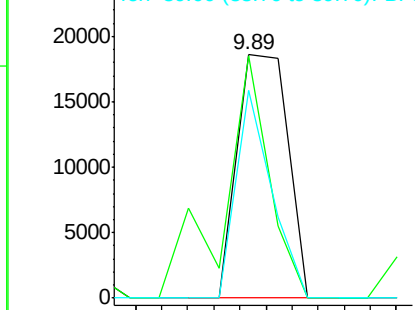


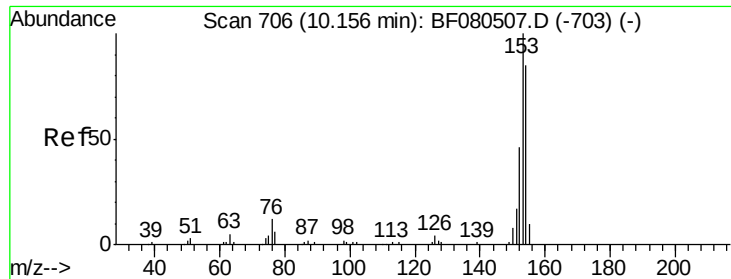
#50
2,6-Dinitrotoluene
Concen: 44.23 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

Tgt Ion:165 Resp: 25353
Ion Ratio Lower Upper
165 100
63 99.4 32.3 48.5#
89 85.2 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: 44.26 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

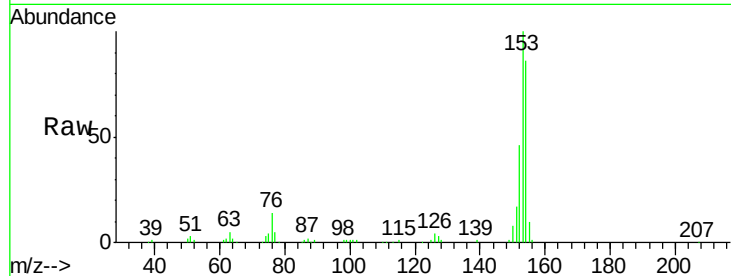
Tgt Ion:154 Resp: 114544

Ion Ratio Lower Upper

154 100

153 116.0 82.1 123.1

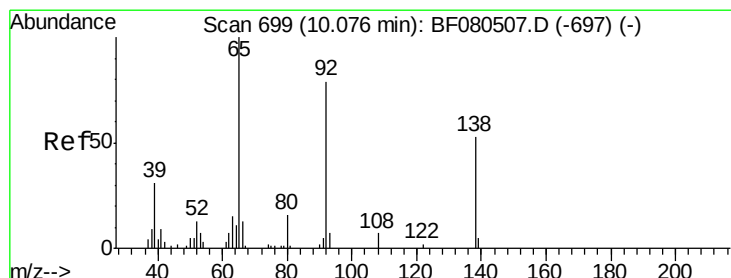
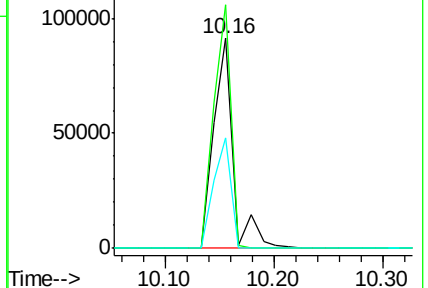
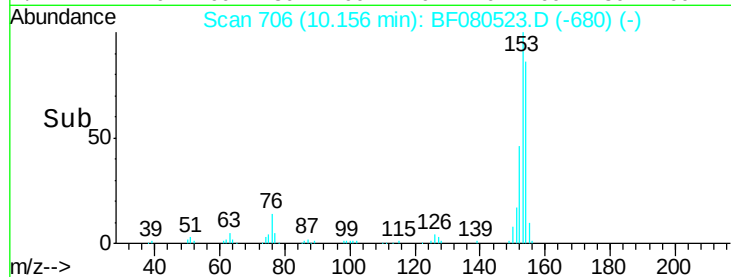
152 52.9 37.9 56.9



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: 31.04 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

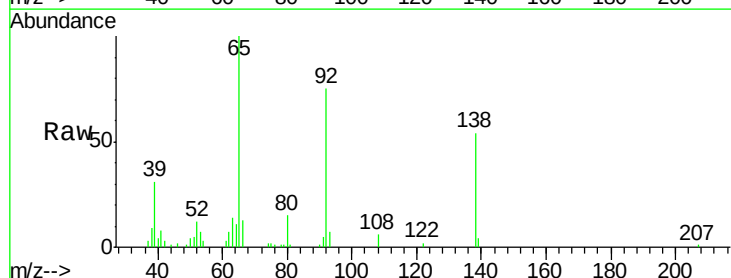
Tgt Ion:138 Resp: 19658

Ion Ratio Lower Upper

138 100

108 11.9 5.7 8.5#

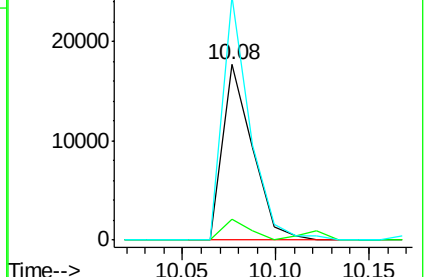
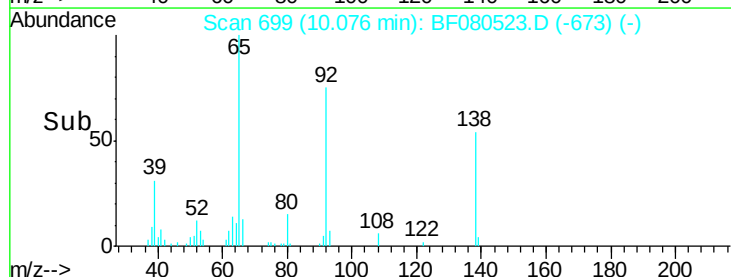
92 138.9 67.7 101.5#

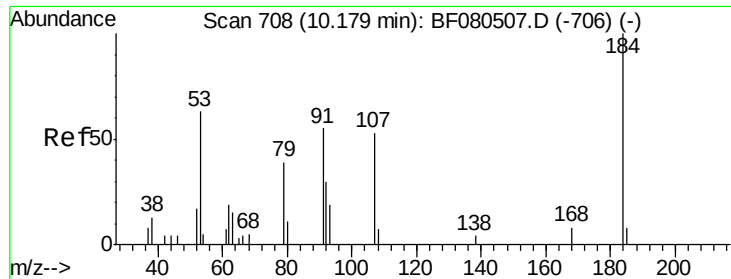


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

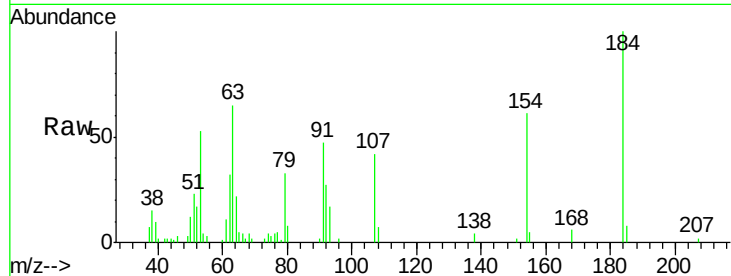




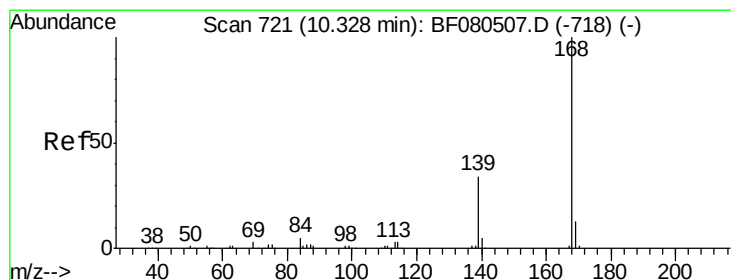
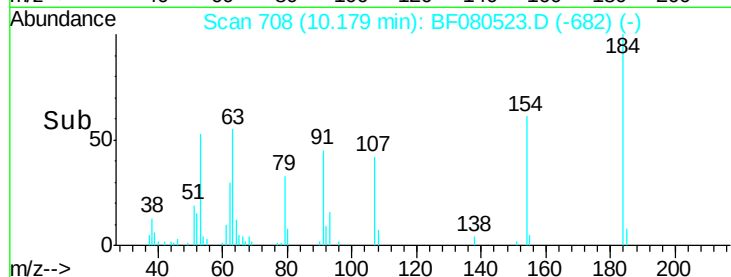
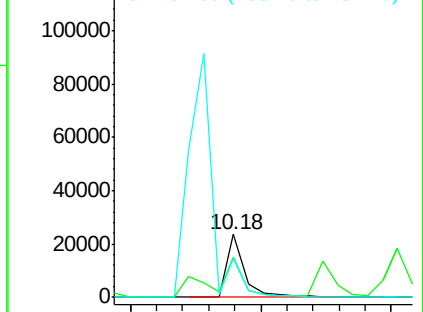
#53
2,4-Dinitrophenol
Concen: 73.35 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

Instrument :
BNA_F
ClientSampleId :
TEC-E4MSD

Tgt Ion:184 Resp: 22211
Ion Ratio Lower Upper
184 100
63 64.9 35.4 53.2#
154 61.5 32.2 48.4#

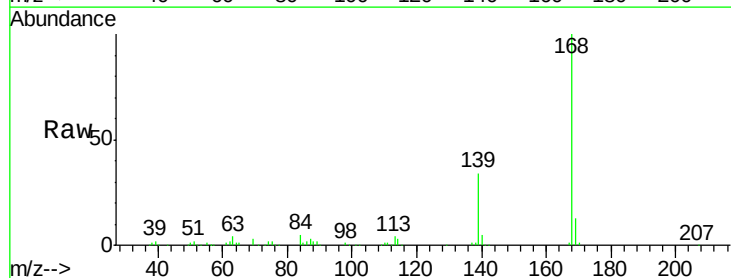


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

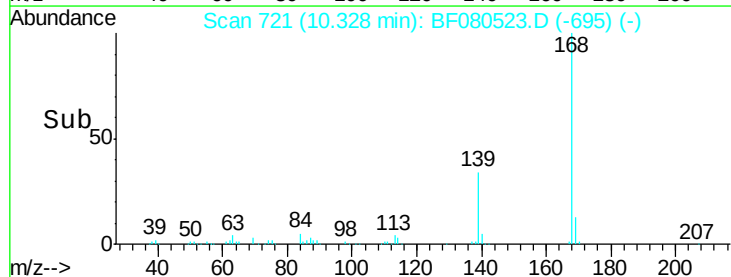
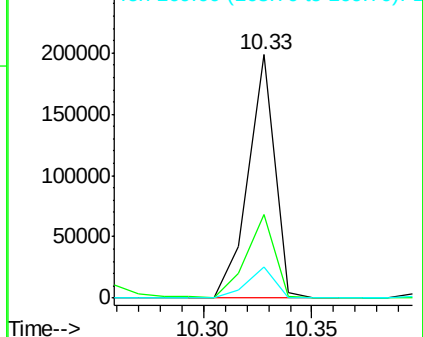


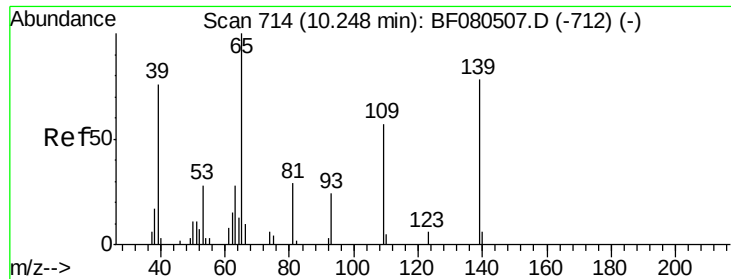
#54
Dibenzofuran
Concen: 44.98 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

Tgt Ion:168 Resp: 168303
Ion Ratio Lower Upper
168 100
139 34.4 24.2 36.2
169 13.0 10.6 15.8



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

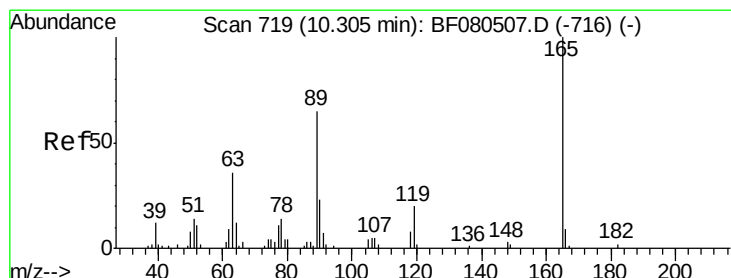
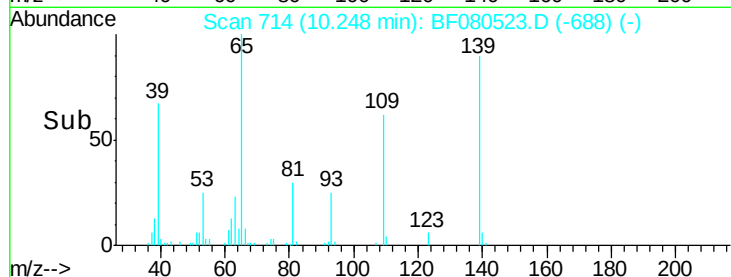
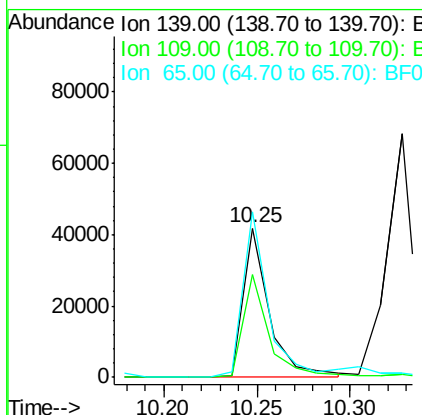
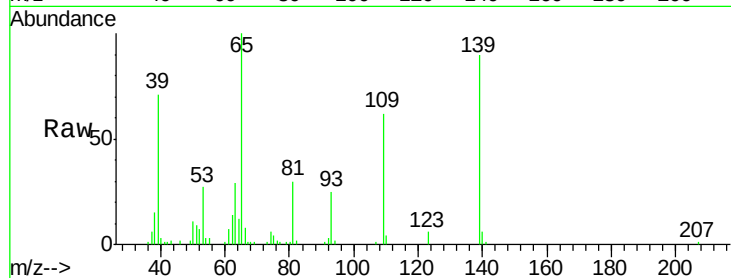




#55
4-Nitrophenol
Concen: 89.50 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

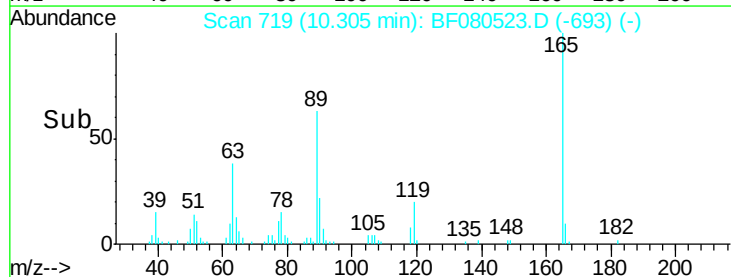
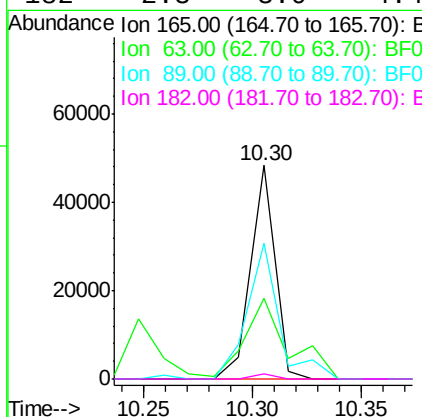
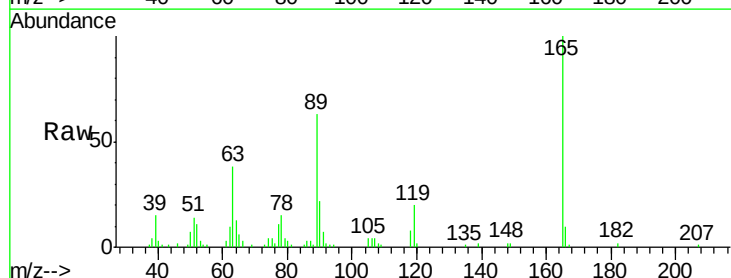
Instrument :
BNA_F
ClientSampleId :
TEC-E4MSD

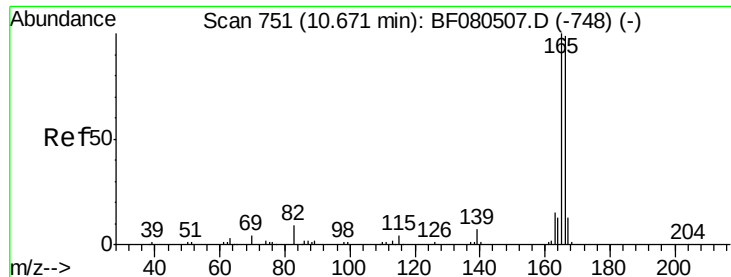
Tgt Ion:139 Resp: 40819
Ion Ratio Lower Upper
139 100
109 69.5 12.7 52.7#
65 111.6 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 45.33 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

Tgt Ion:165 Resp: 37654
Ion Ratio Lower Upper
165 100
63 37.6 29.8 44.6
89 63.3 44.5 66.7
182 2.3 3.0 4.4#





#57

Fluorene

Concen: 43.87 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

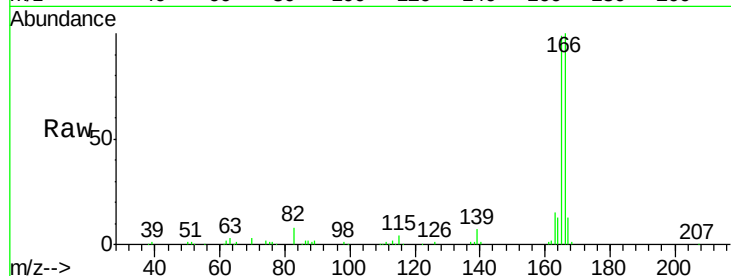
Tgt Ion:166 Resp: 128860

Ion Ratio Lower Upper

166 100

165 98.8 72.6 109.0

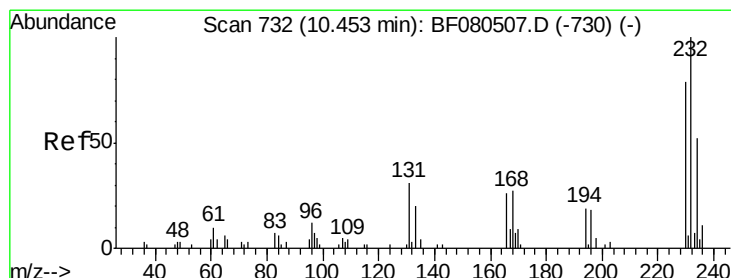
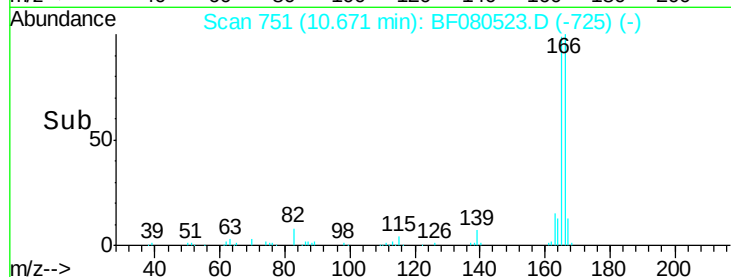
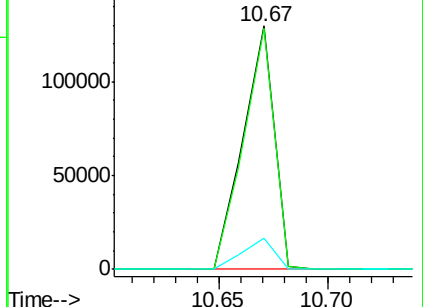
167 13.0 10.6 16.0



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: 43.28 ng m

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Tgt Ion:232 Resp: 27555

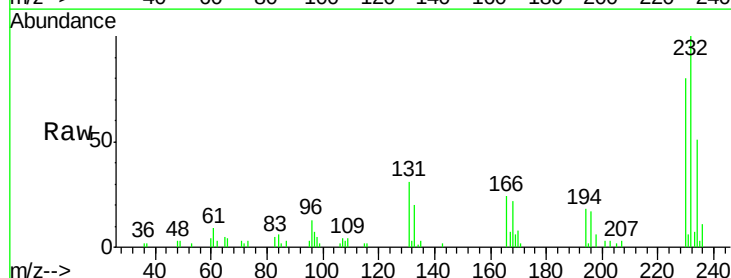
Ion Ratio Lower Upper

232 100

131 43.3 38.5 57.7

130 2.4 1.8 2.6

166 26.6 25.0 37.6

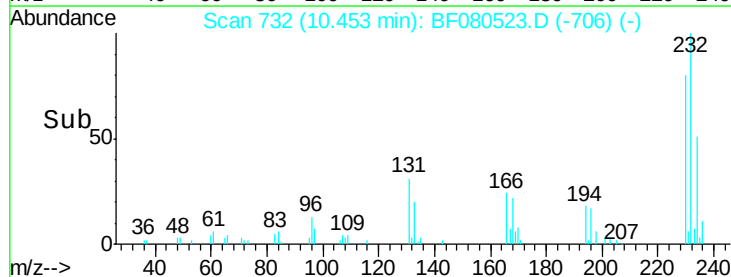
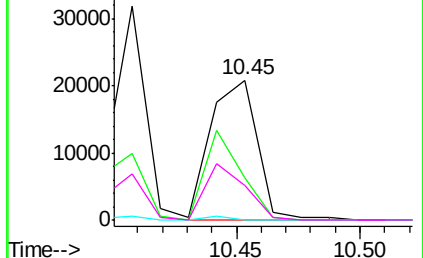


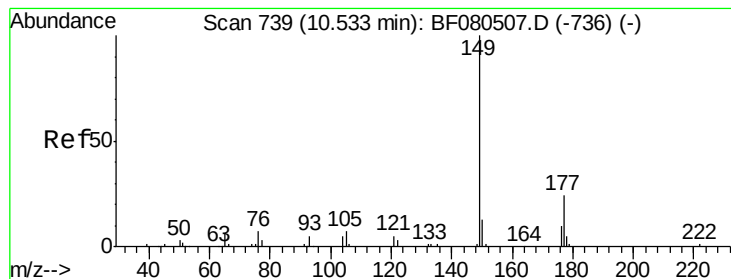
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.61 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

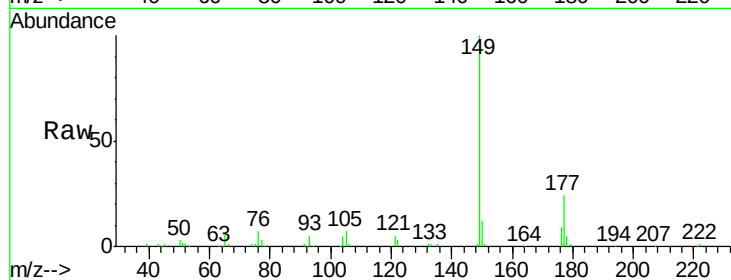
Tgt Ion:149 Resp: 120500

Ion Ratio Lower Upper

149 100

177 24.3 17.5 26.3

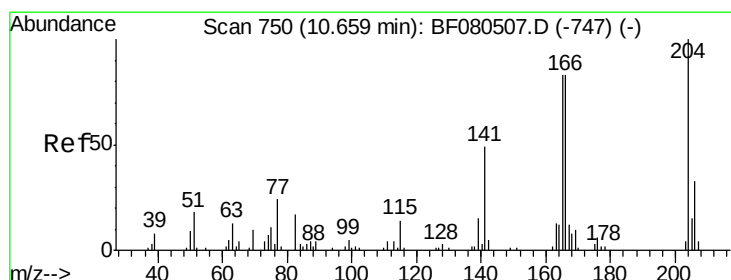
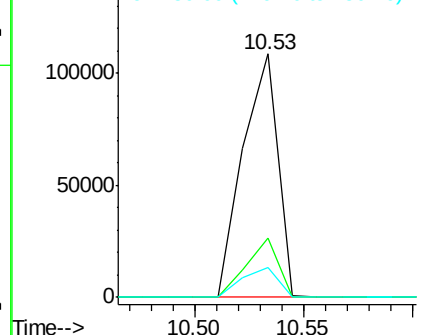
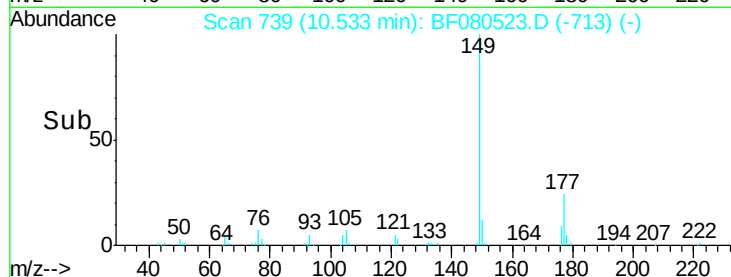
150 12.1 9.4 14.2



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: 41.77 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

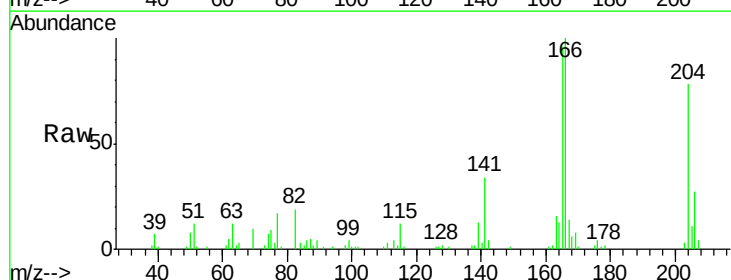
Tgt Ion:204 Resp: 54913

Ion Ratio Lower Upper

204 100

206 34.6 24.8 37.2

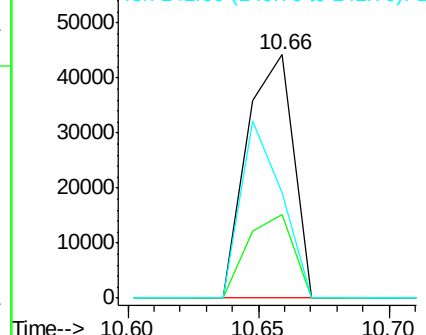
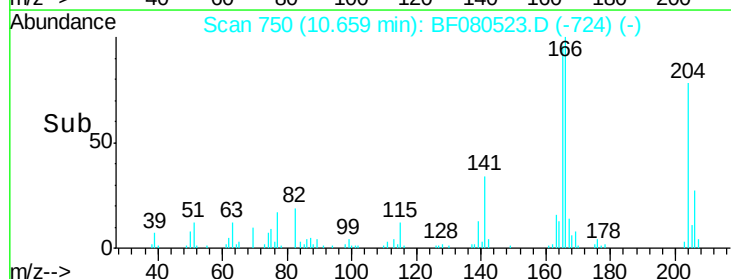
141 43.2 42.2 63.4

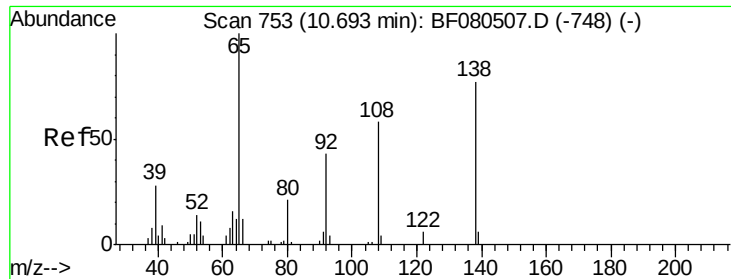


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.08 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

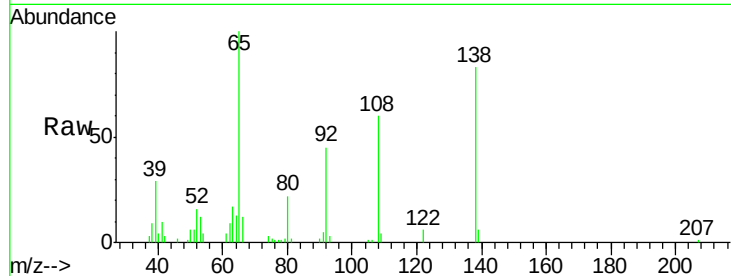
Tgt Ion:138 Resp: 25756

Ion Ratio Lower Upper

138 100

92 54.8 12.6 52.6#

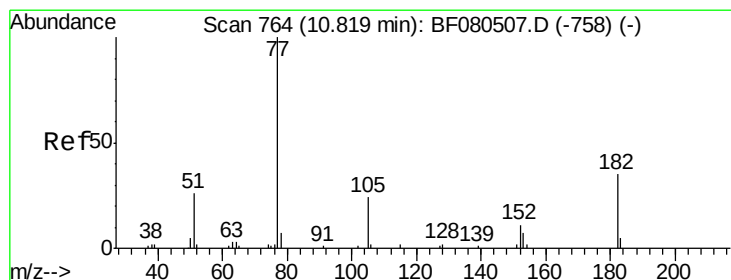
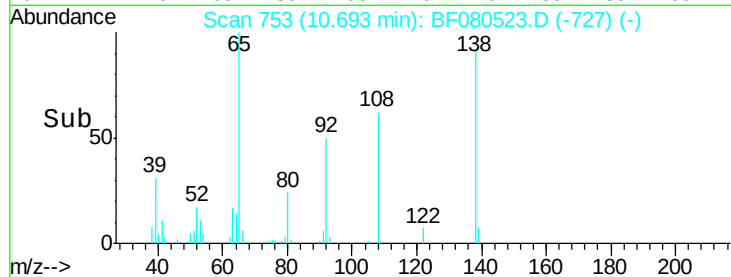
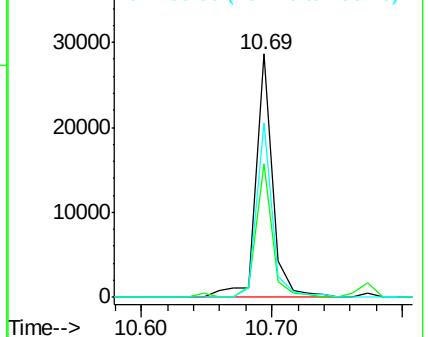
108 71.8 12.4 52.4#



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: 47.18 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Tgt Ion: 77 Resp: 136924

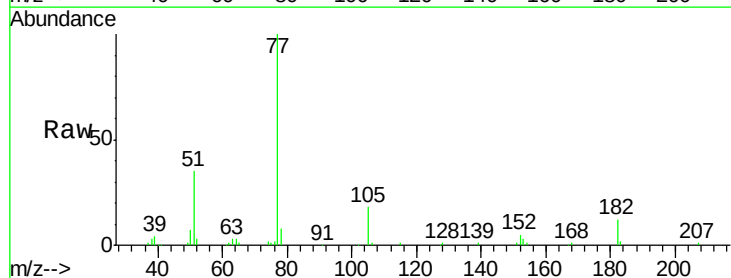
Ion Ratio Lower Upper

77 100

182 12.4 15.1 55.1#

105 18.0 3.4 43.4

51 35.3 12.0 52.0

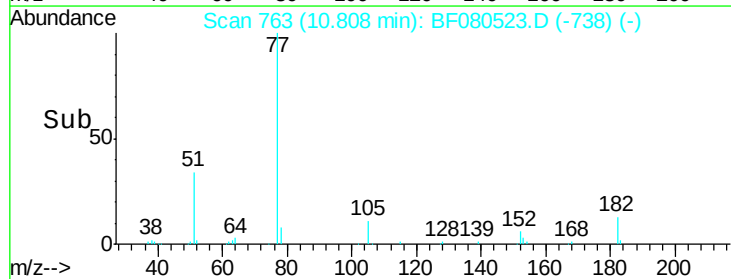
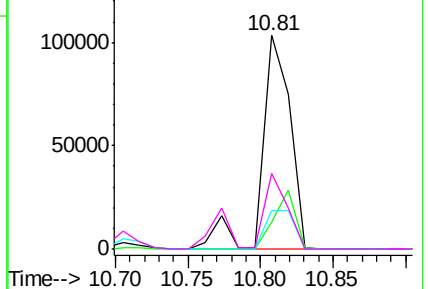


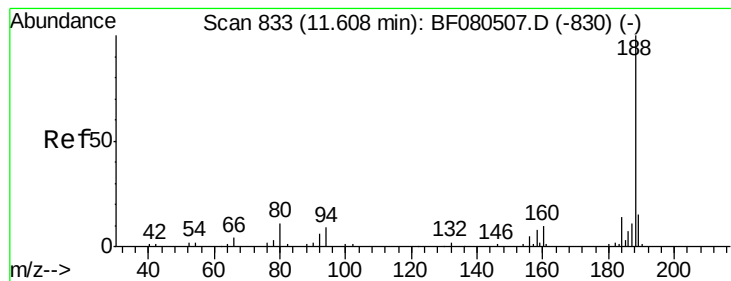
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampled :

TEC-E4MSD

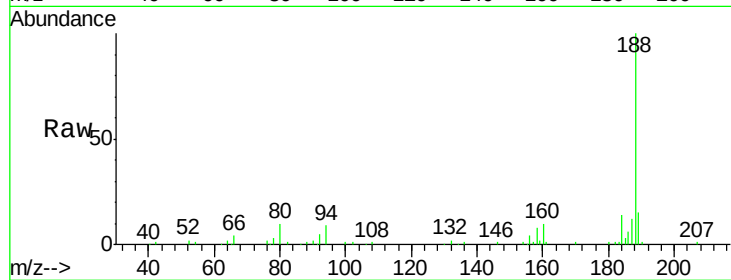
Tgt Ion:188 Resp: 79206

Ion Ratio Lower Upper

188 100

94 8.9 11.1 16.7#

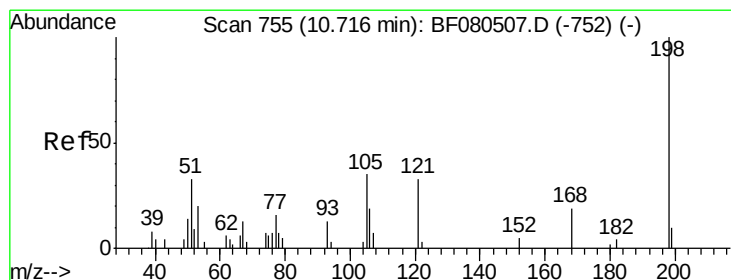
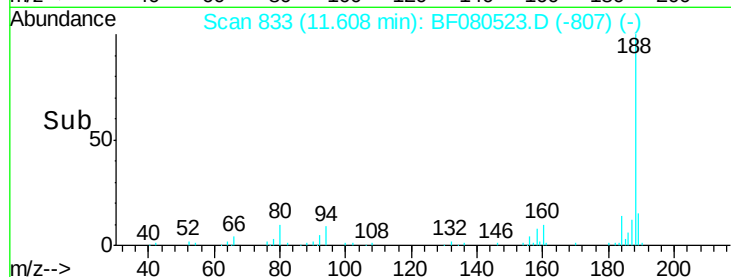
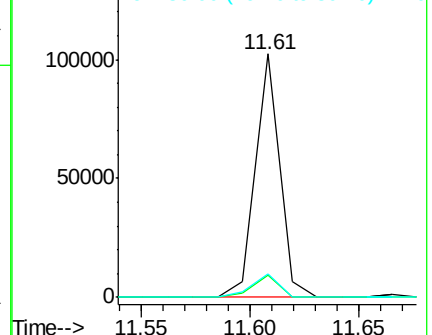
80 9.8 11.0 16.4#



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: 34.75 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

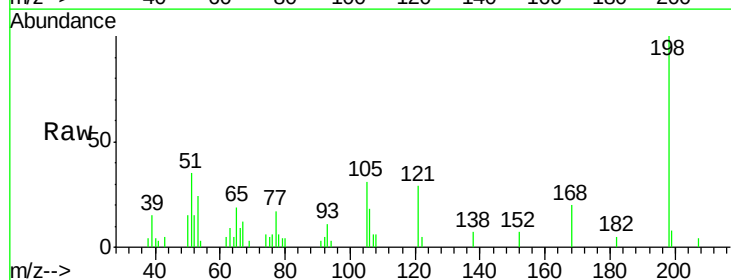
Tgt Ion:198 Resp: 13414

Ion Ratio Lower Upper

198 100

51 34.9 39.6 79.6#

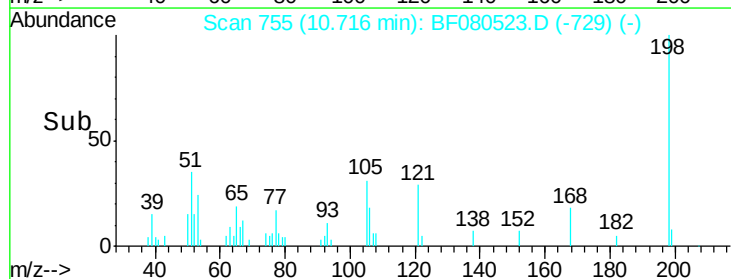
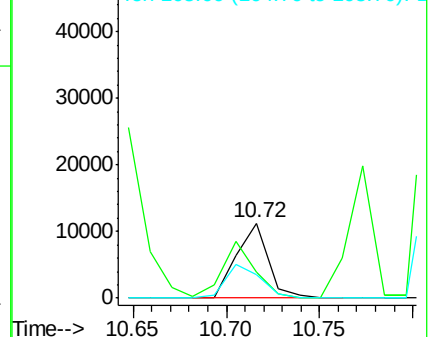
105 31.0 28.5 68.5

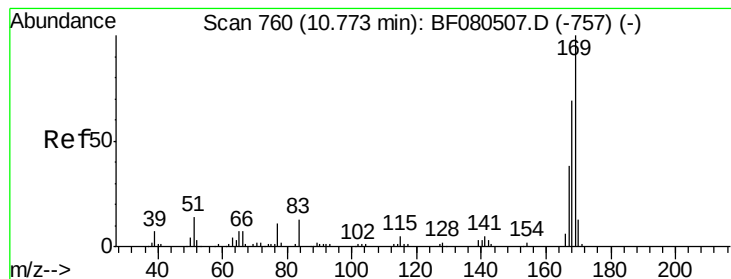


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

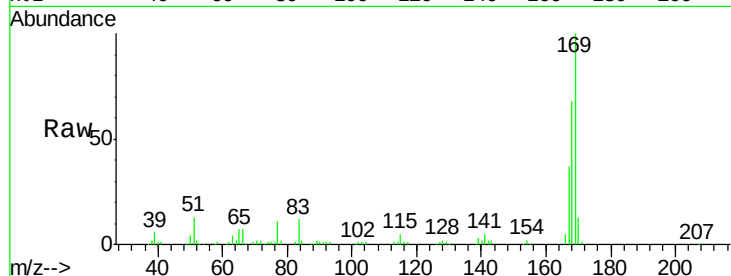




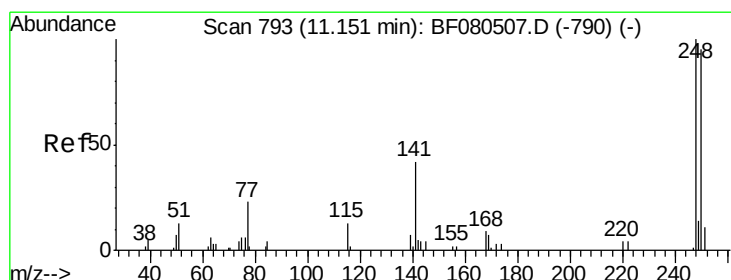
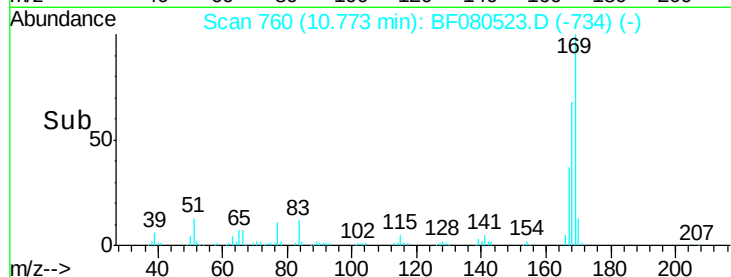
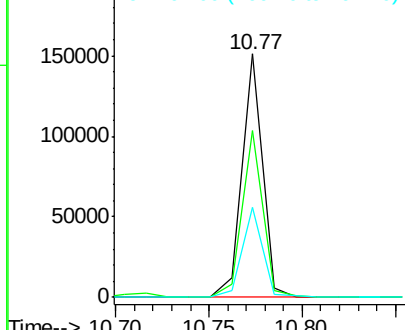
#65
 n-Nitrosodiphenylamine
 Concen: 43.09 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

Tgt Ion:169 Resp: 116078
 Ion Ratio Lower Upper
 169 100
 168 68.4 48.9 73.3
 167 36.8 26.2 39.4

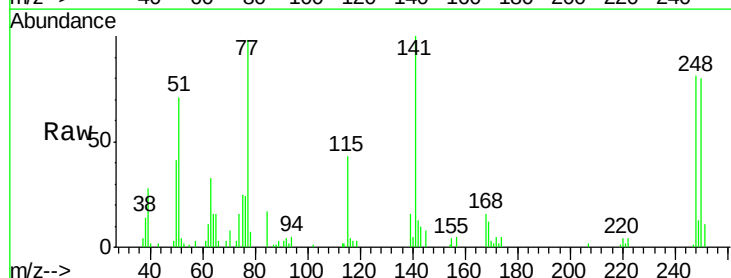


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

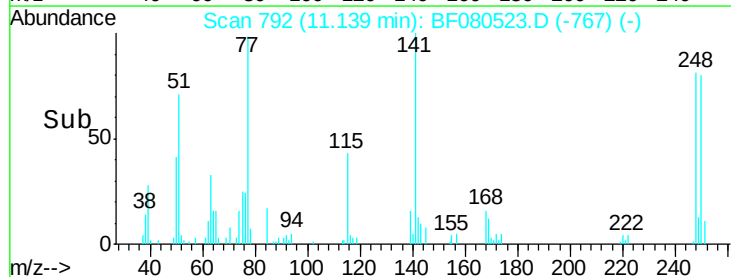
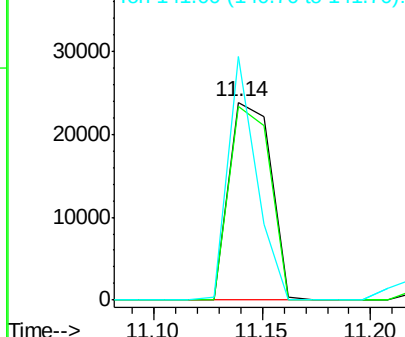


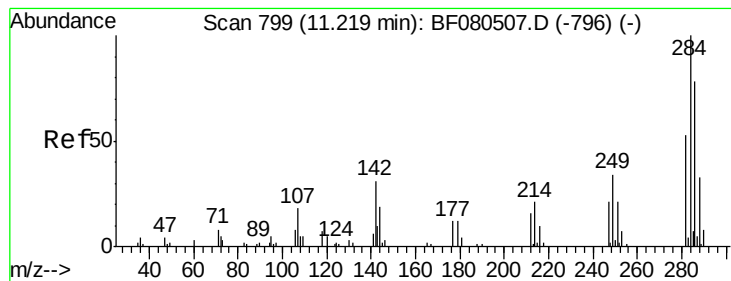
#66
 4-Bromophenyl-phenylether
 Concen: 41.09 ng
 RT: 11.14 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Tgt Ion:248 Resp: 31696
 Ion Ratio Lower Upper
 248 100
 250 98.0 78.5 117.7
 141 123.2 59.0 88.6#



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





#67

Hexachlorobenzene

Concen: 43.44 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

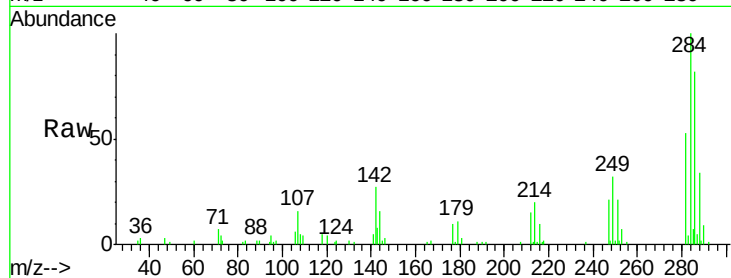
Tgt Ion:284 Resp: 37051

Ion Ratio Lower Upper

284 100

142 27.1 29.5 44.3#

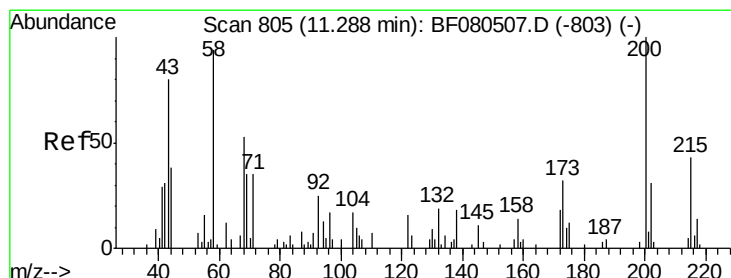
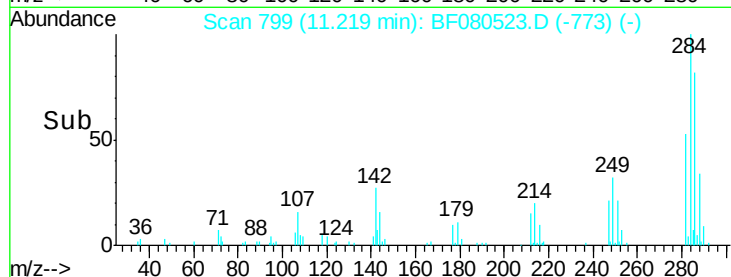
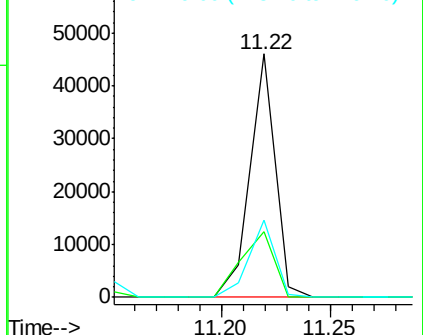
249 31.7 19.5 29.3#



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: 39.72 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

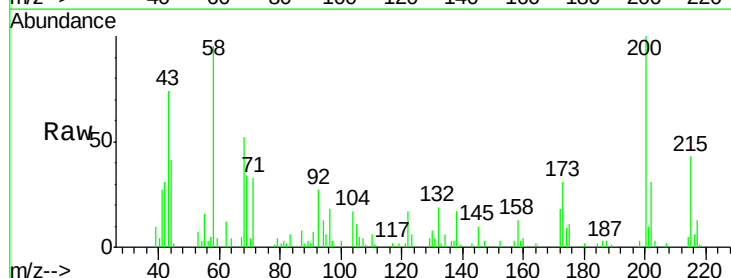
Tgt Ion:200 Resp: 28968

Ion Ratio Lower Upper

200 100

173 30.6 13.2 53.2

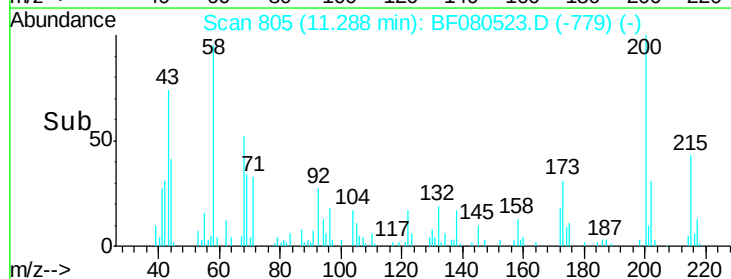
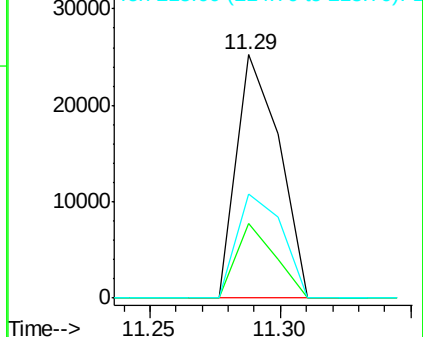
215 42.7 41.8 81.8

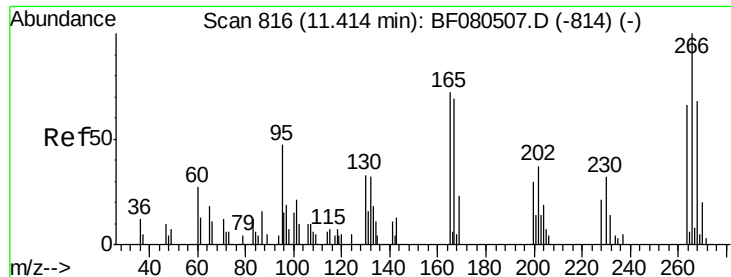


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

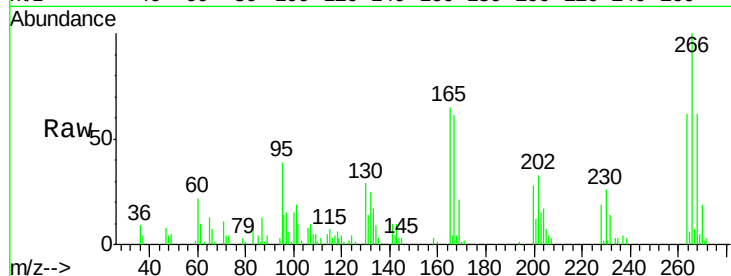




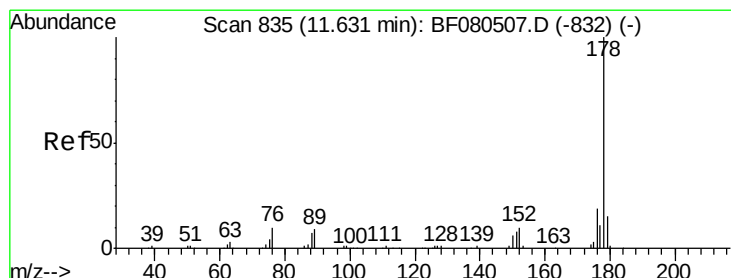
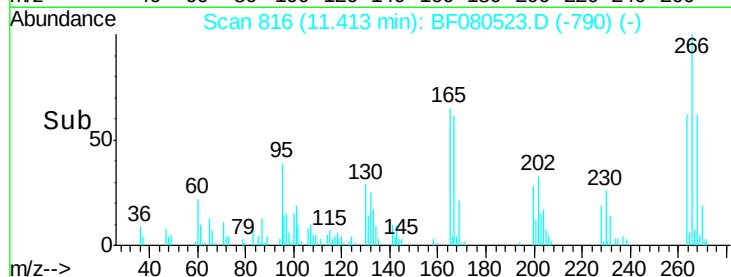
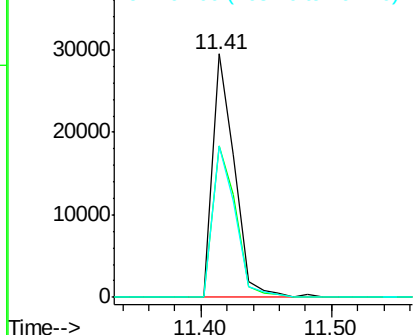
#69
 Pentachlorophenol
 Concen: 75.92 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

Tgt Ion:266 Resp: 34561
 Ion Ratio Lower Upper
 266 100
 268 62.1 49.8 74.6
 264 62.3 50.2 75.2

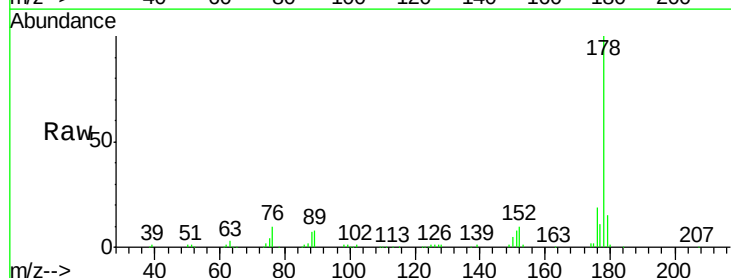


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

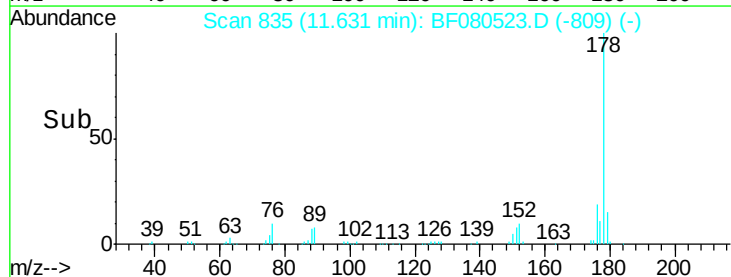
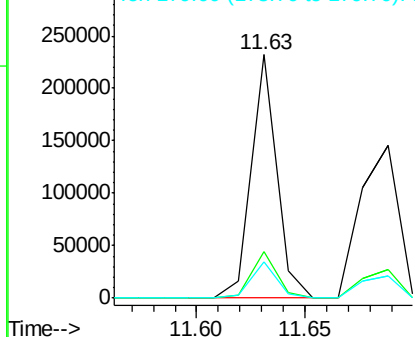


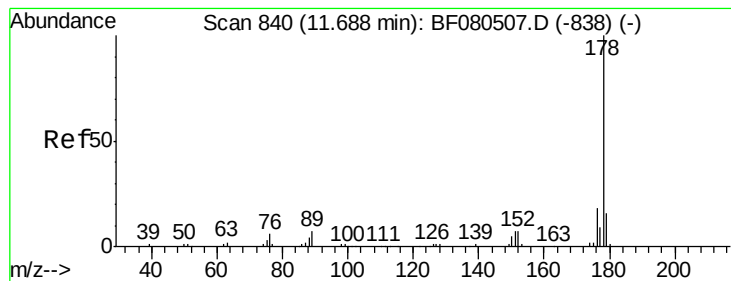
#70
 Phenanthrene
 Concen: 42.23 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Tgt Ion:178 Resp: 188334
 Ion Ratio Lower Upper
 178 100
 176 19.0 13.8 20.8
 179 15.1 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: 41.72 ng

RT: 11.69 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

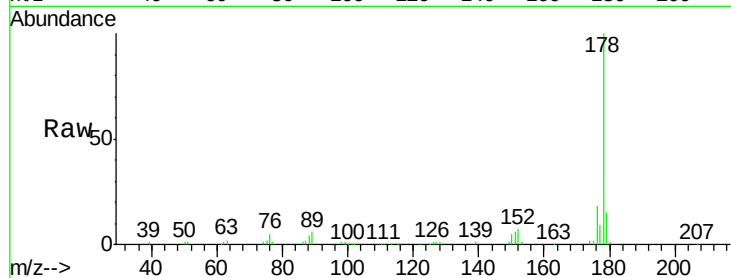
Tgt Ion:178 Resp: 176445

Ion Ratio Lower Upper

178 100

176 18.5 14.1 21.1

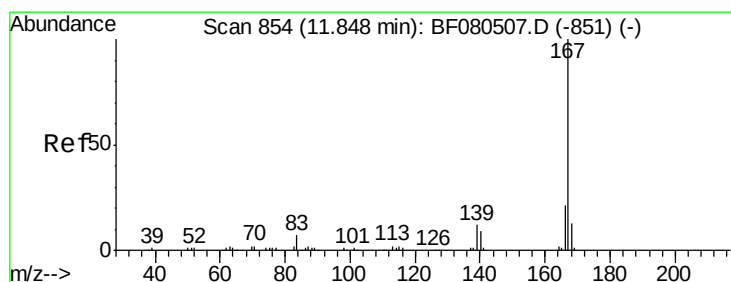
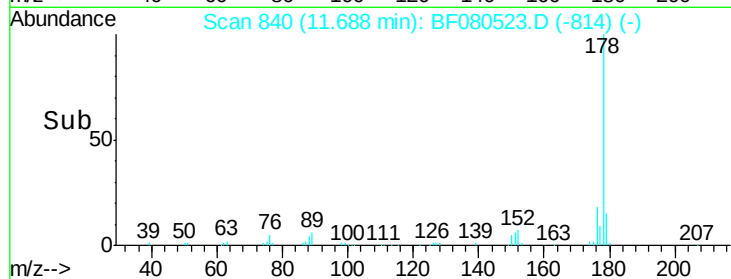
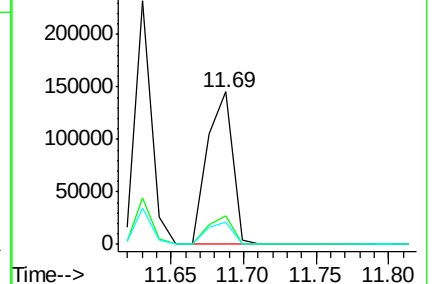
179 14.9 12.2 18.2



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: 42.48 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

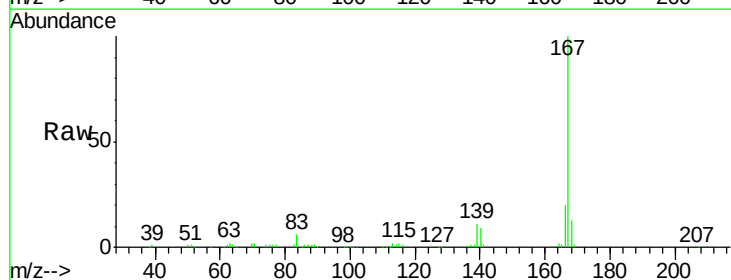
Tgt Ion:167 Resp: 157575

Ion Ratio Lower Upper

167 100

166 20.5 15.7 23.5

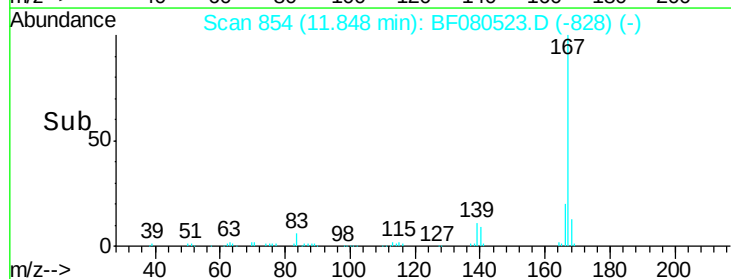
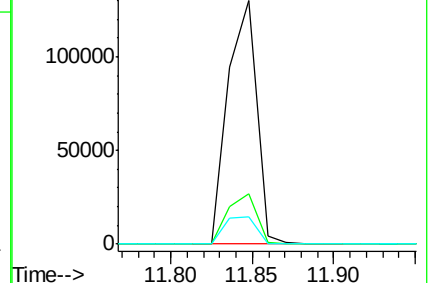
139 11.4 9.5 14.3

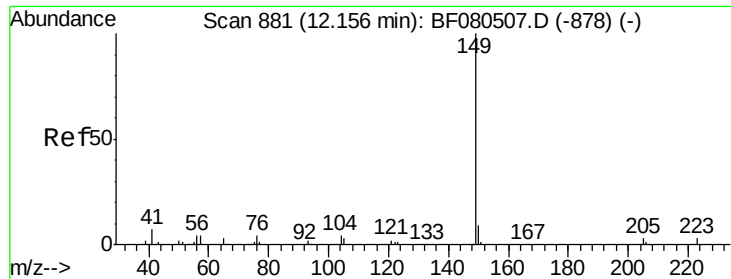


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.11 ng

RT: 12.16 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

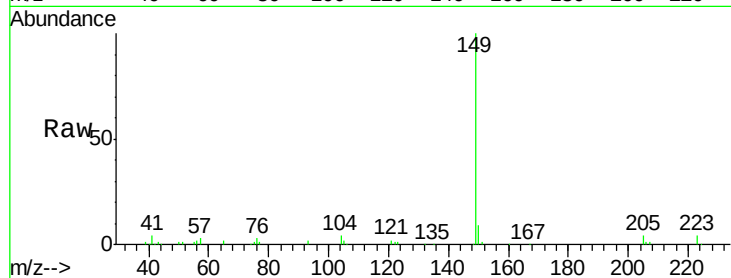
Tgt Ion:149 Resp: 165667

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

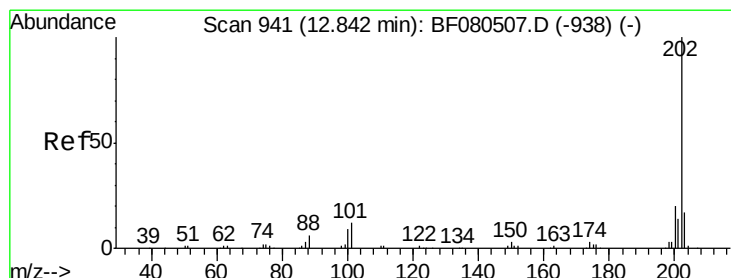
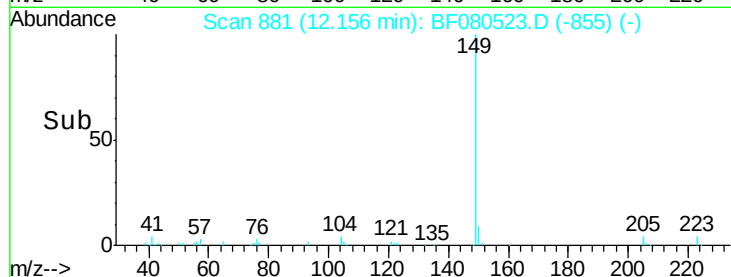
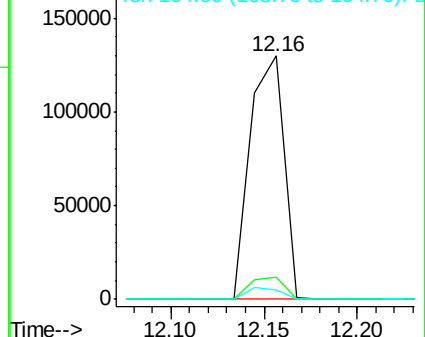
104 3.6 2.4 3.6#



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: 43.93 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

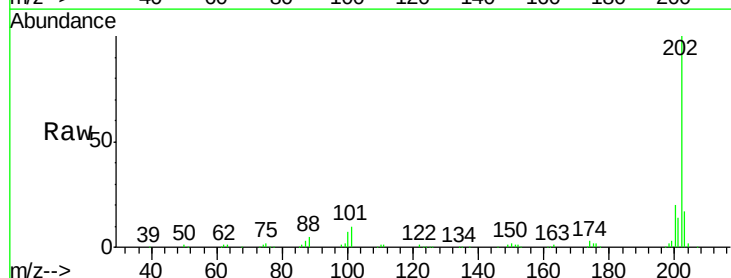
Tgt Ion:202 Resp: 183492

Ion Ratio Lower Upper

202 100

101 9.7 0.0 38.3

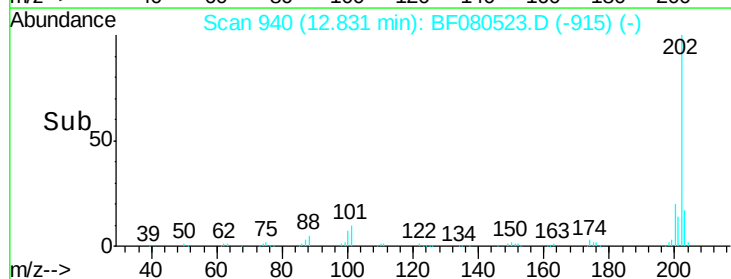
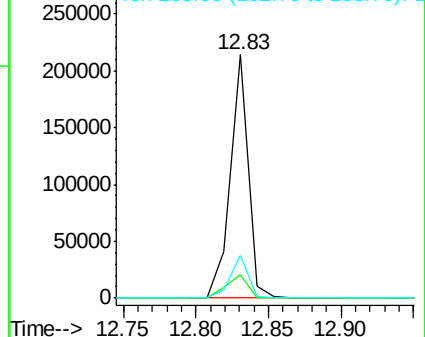
203 17.3 0.0 37.3

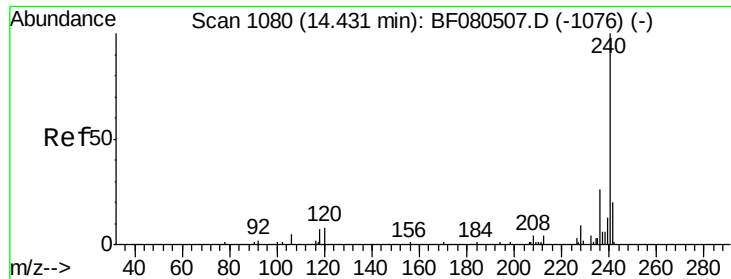


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.35 min Scan# 1073

Delta R.T. -0.08 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

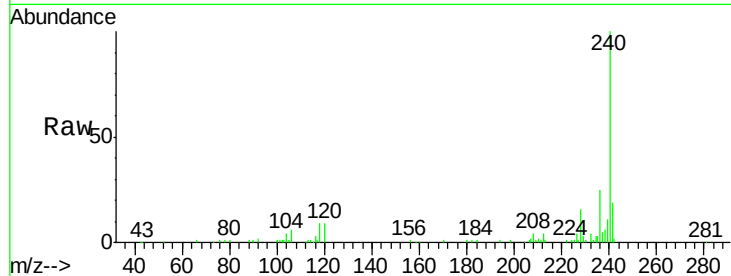
Tgt Ion:240 Resp: 64508

Ion Ratio Lower Upper

240 100

120 8.8 16.2 24.2#

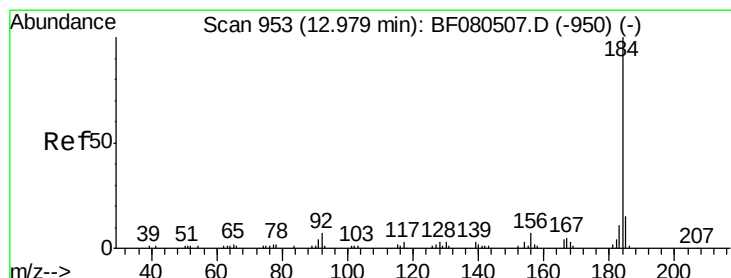
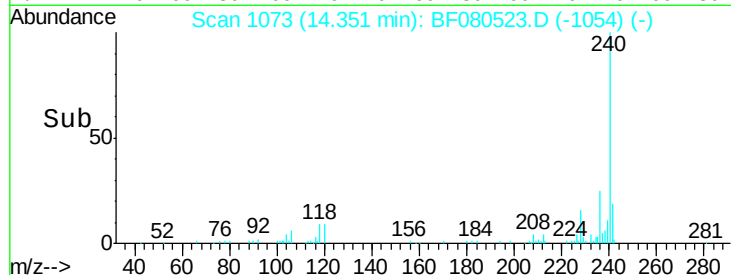
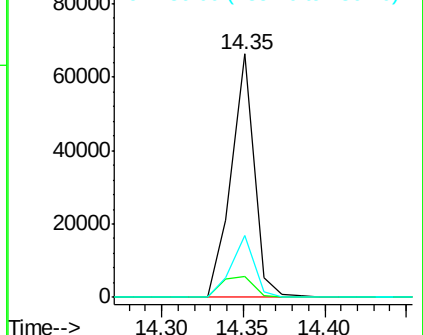
236 25.2 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.10 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

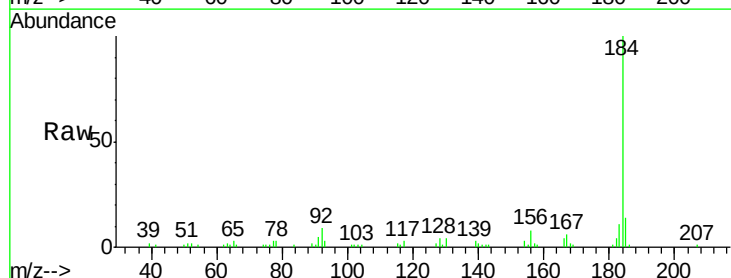
Tgt Ion:184 Resp: 49076

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

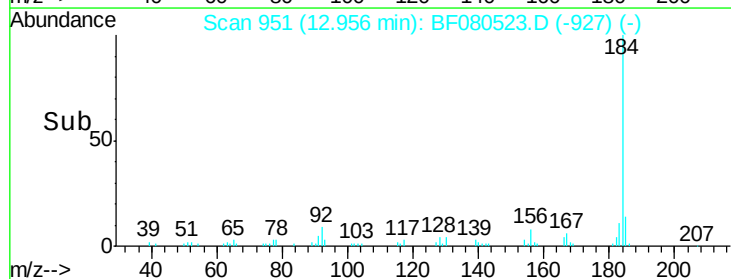
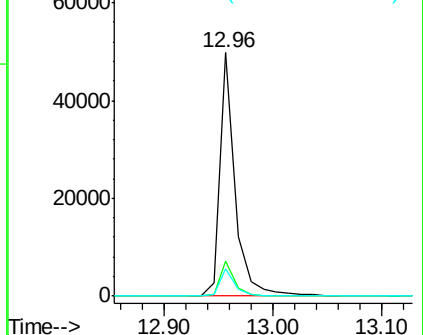
183 11.3 7.6 11.4

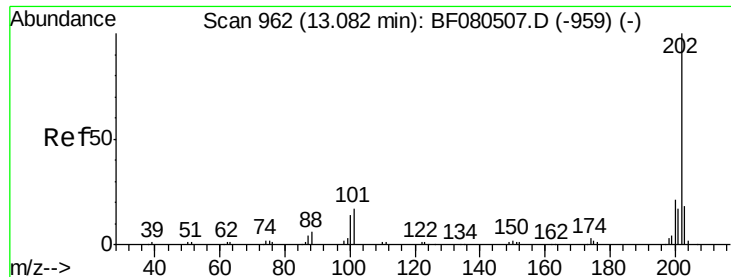


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

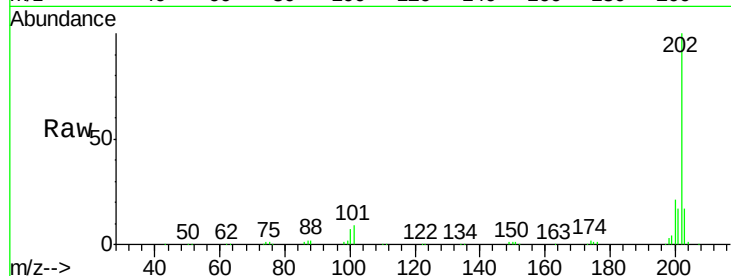




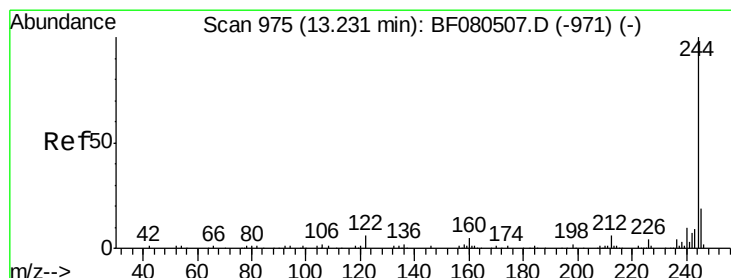
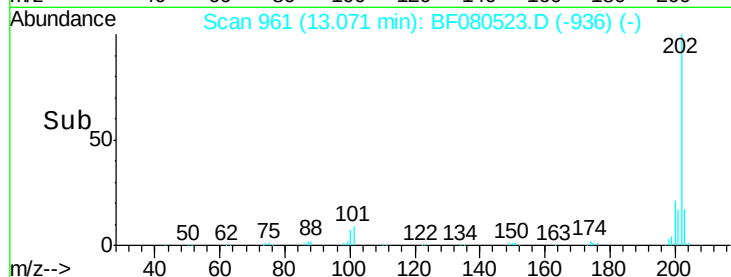
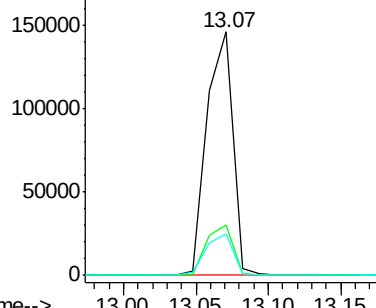
#77
 Pyrene
 Concen: 43.13 ng
 RT: 13.07 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	15.0	22.4
203	17.0	14.1	21.1

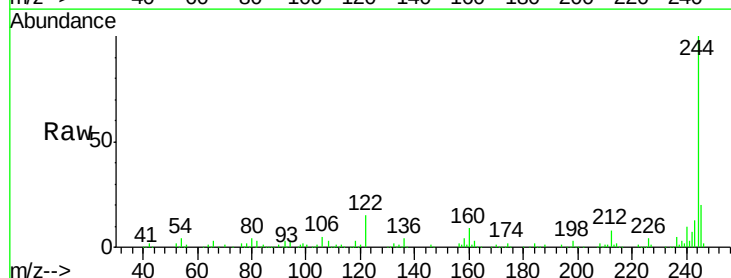


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

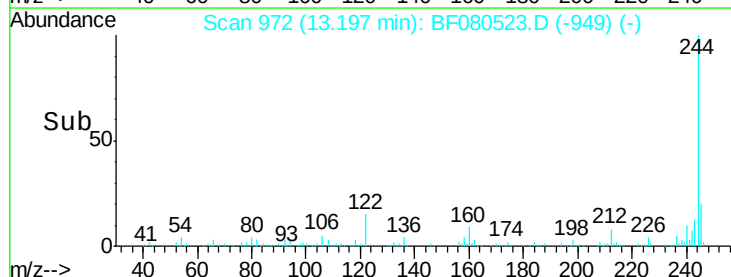
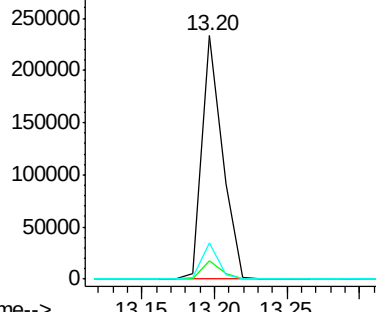


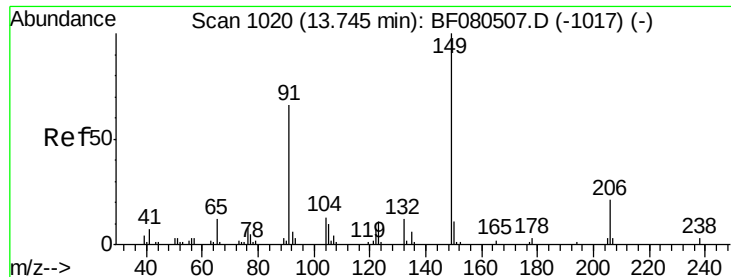
#78
 Terphenyl-d14
 Concen: 73.22 ng
 RT: 13.20 min Scan# 972
 Delta R.T. -0.03 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	14.8	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

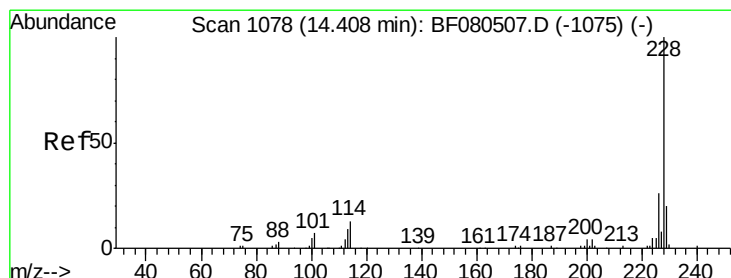
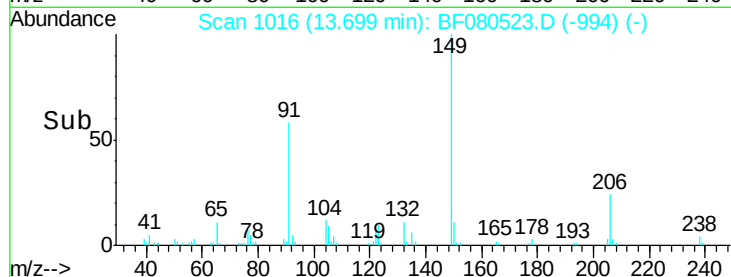
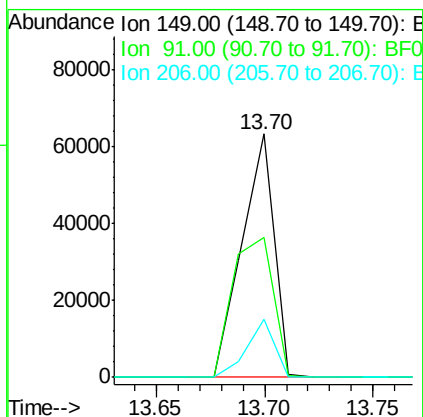
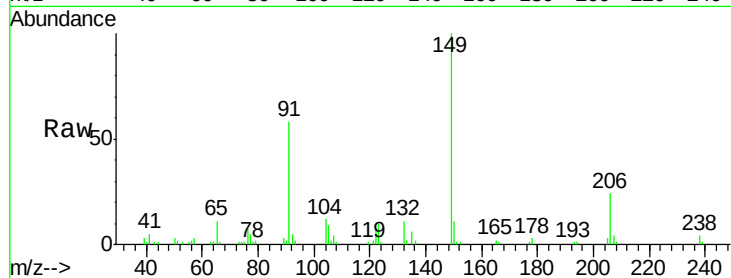




#79
Butylbenzylphthalate
Concen: 43.09 ng
RT: 13.70 min Scan# 1016
Delta R.T. -0.05 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

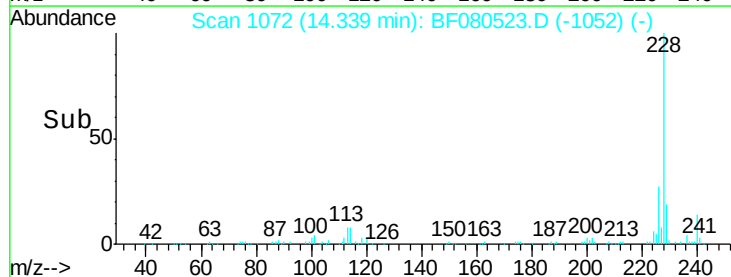
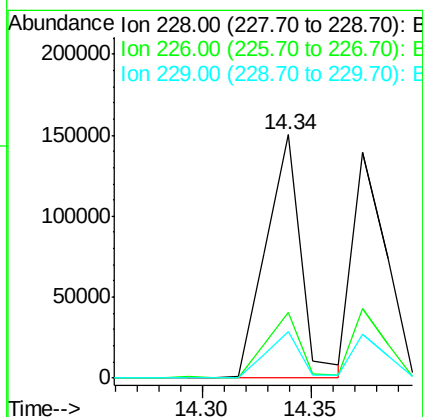
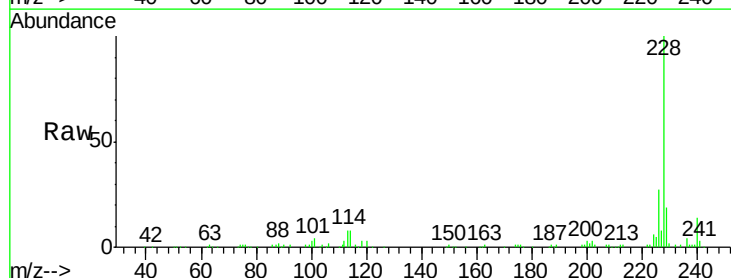
Instrument :
BNA_F
ClientSampleId :
TEC-E4MSD

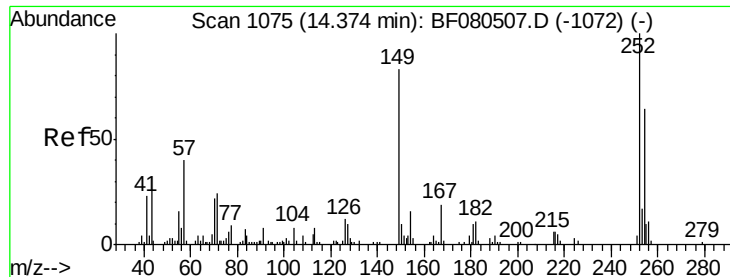
Tgt Ion:149 Resp: 64907
Ion Ratio Lower Upper
149 100
91 57.7 48.6 72.8
206 23.6 14.9 22.3#



#80
Benzo(a)anthracene
Concen: 46.81 ng
RT: 14.34 min Scan# 1072
Delta R.T. -0.07 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

Tgt Ion:228 Resp: 169443
Ion Ratio Lower Upper
228 100
226 27.2 20.0 30.0
229 19.3 15.4 23.2

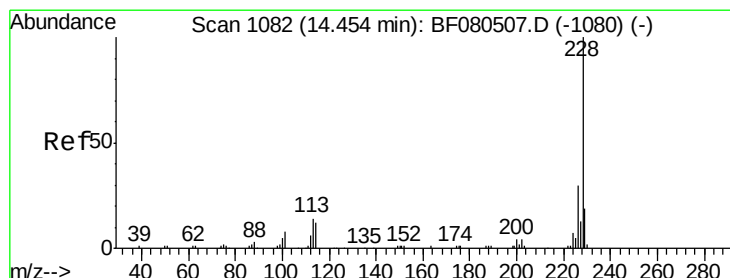
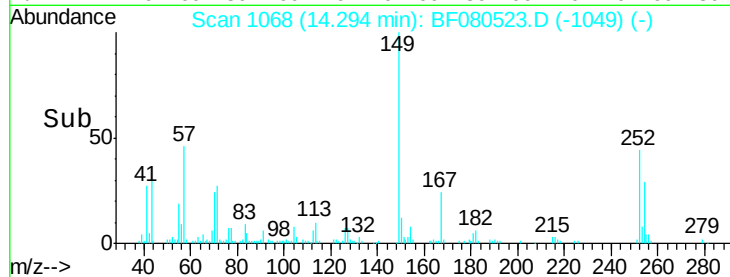
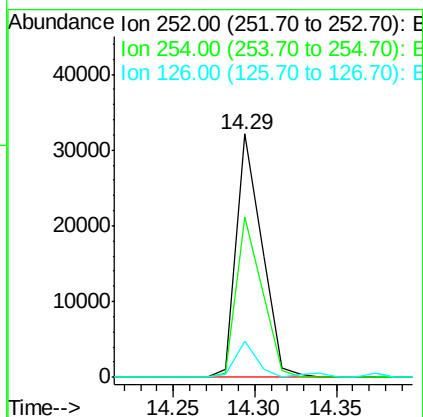
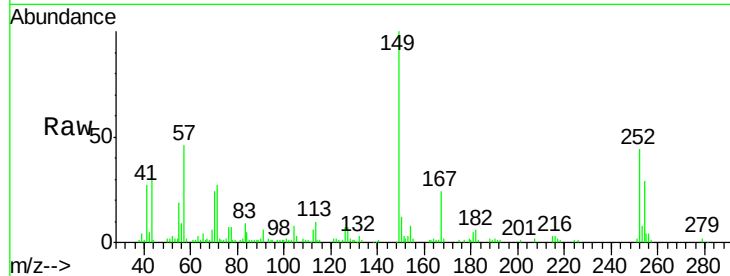




#81
 3,3'-Dichlorobenzidine
 Concen: 29.30 ng
 RT: 14.29 min Scan# 1068
 Delta R.T. -0.08 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

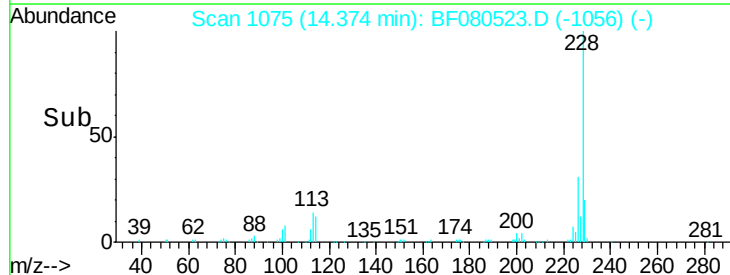
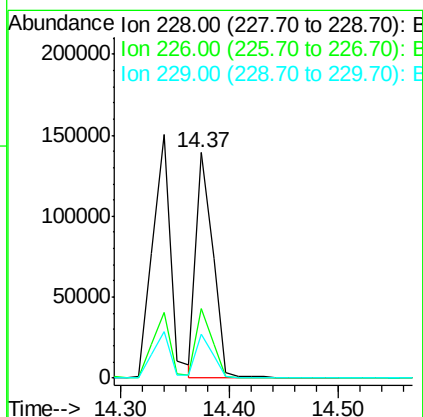
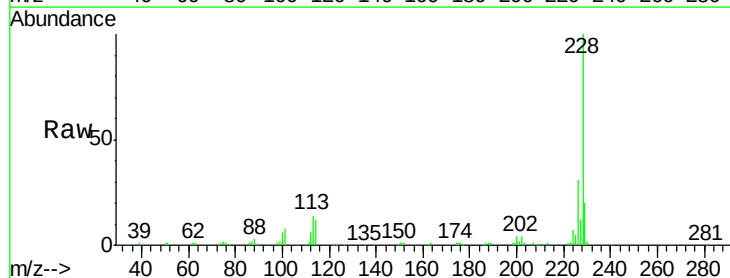
Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

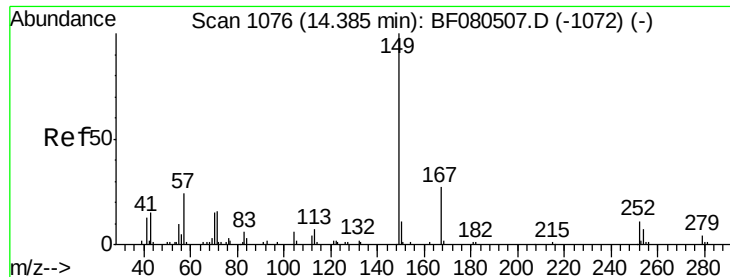
Tgt Ion: 252 Resp: 34676
 Ion Ratio Lower Upper
 252 100
 254 65.9 51.4 77.2
 126 14.8 16.4 24.6#



#82
 Chrysene
 Concen: 43.06 ng
 RT: 14.37 min Scan# 1075
 Delta R.T. -0.08 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Tgt Ion: 228 Resp: 151601
 Ion Ratio Lower Upper
 228 100
 226 30.6 21.0 31.4
 229 19.7 15.6 23.4

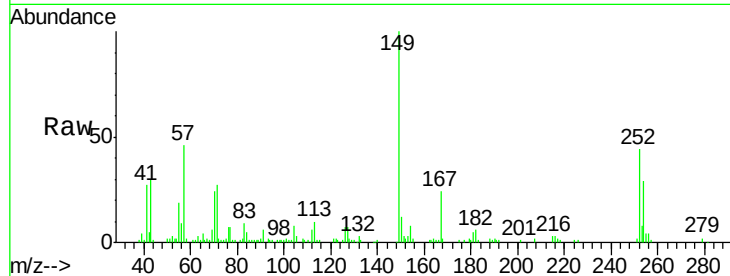




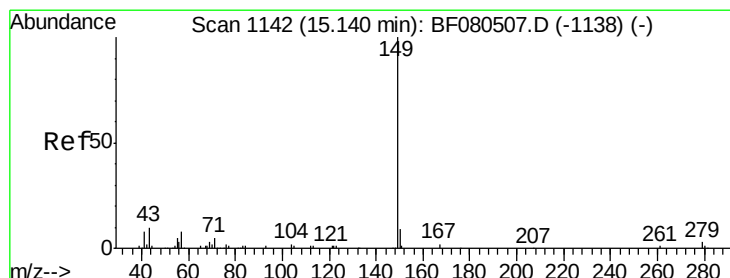
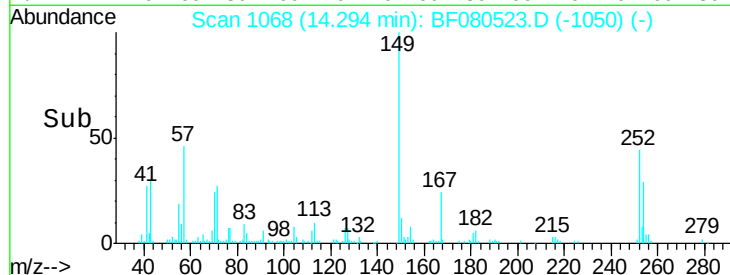
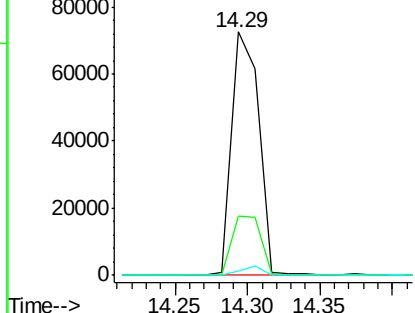
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.73 ng
 RT: 14.29 min Scan# 1068
 Delta R.T. -0.09 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

Tgt Ion:149 Resp: 94103
 Ion Ratio Lower Upper
 149 100
 167 24.1 24.2 36.2#
 279 1.5 3.8 5.6#

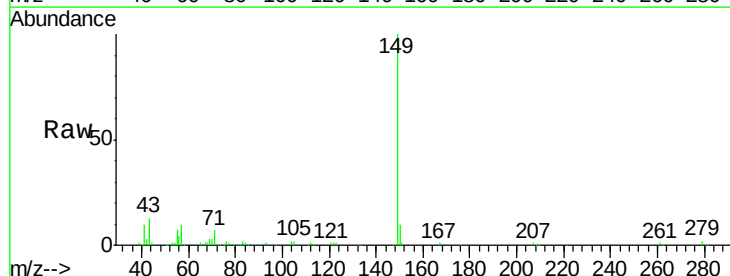


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

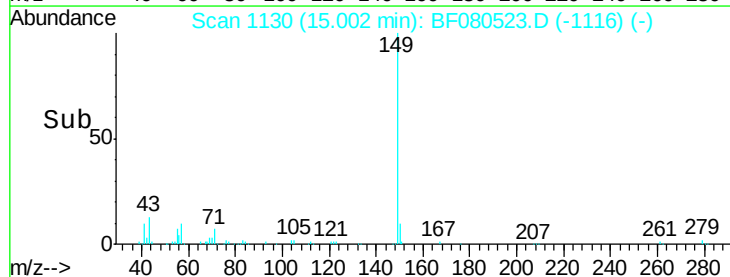
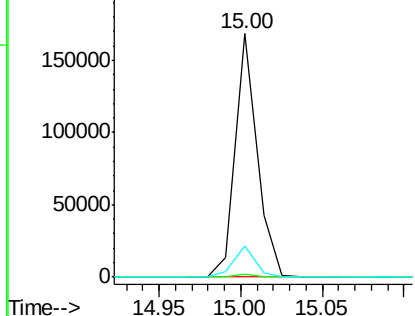


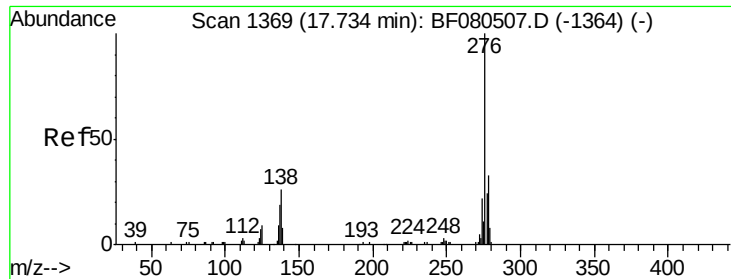
#84
 Di-n-octyl phthalate
 Concen: 42.90 ng
 RT: 15.00 min Scan# 1130
 Delta R.T. -0.14 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Tgt Ion:149 Resp: 155001
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 13.1 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

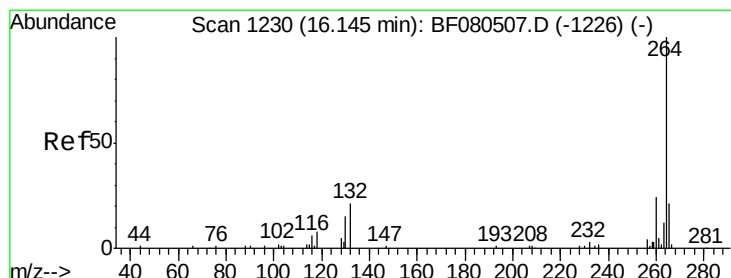
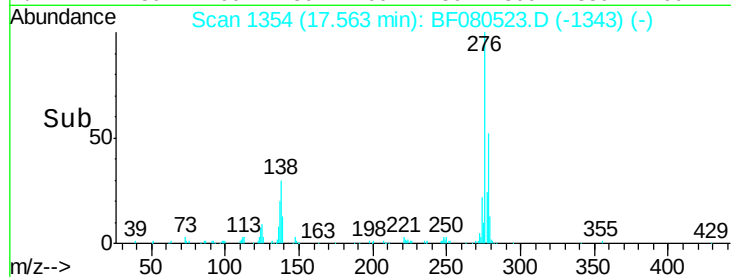
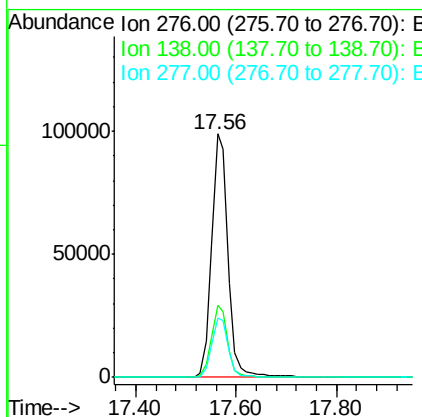
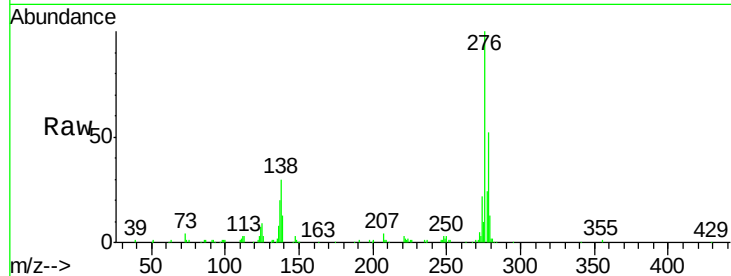




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.91 ng
 RT: 17.56 min Scan# 1354
 Delta R.T. -0.17 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

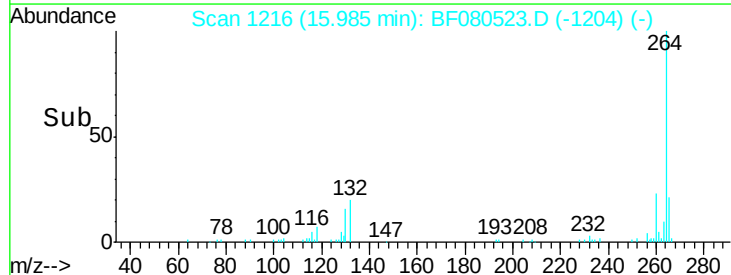
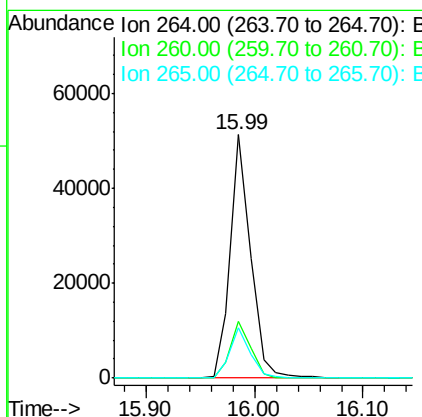
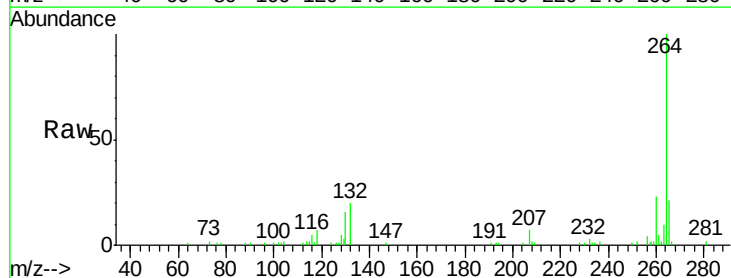
Instrument :
 BNA_F
 ClientSampleId :
 TEC-E4MSD

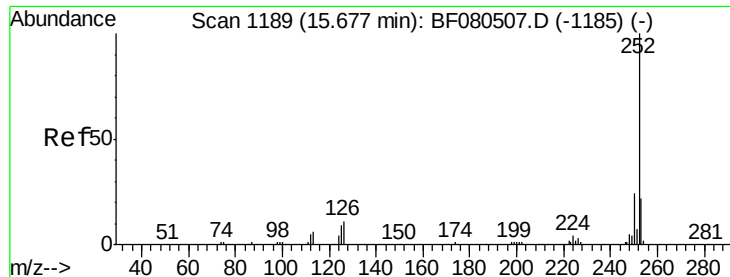
Tgt Ion: 276 Resp: 222581
 Ion Ratio Lower Upper
 276 100
 138 29.1 25.7 38.5
 277 24.5 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.99 min Scan# 1216
 Delta R.T. -0.16 min
 Lab File: BF080523.D
 Acq: 16 Jul 2015 21:43

Tgt Ion: 264 Resp: 66510
 Ion Ratio Lower Upper
 264 100
 260 23.5 16.7 25.1
 265 20.8 17.2 25.8

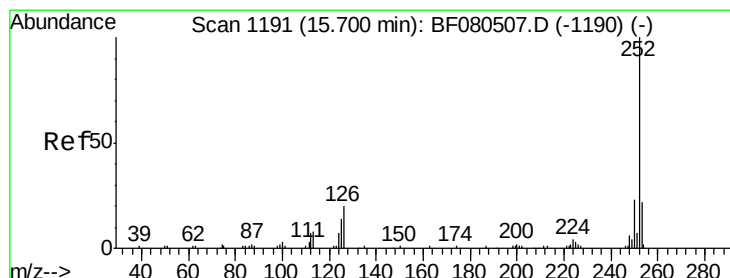
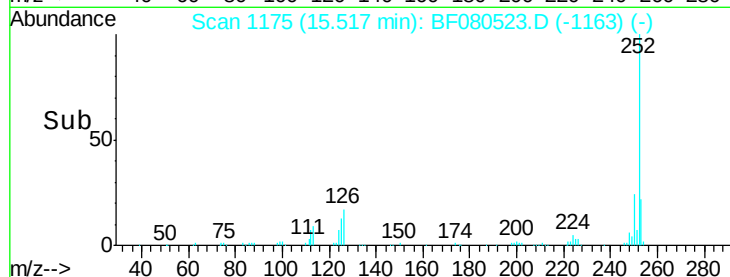
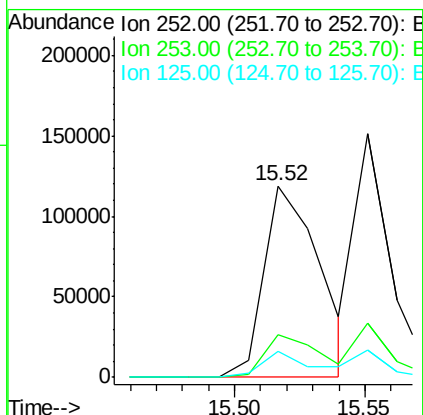
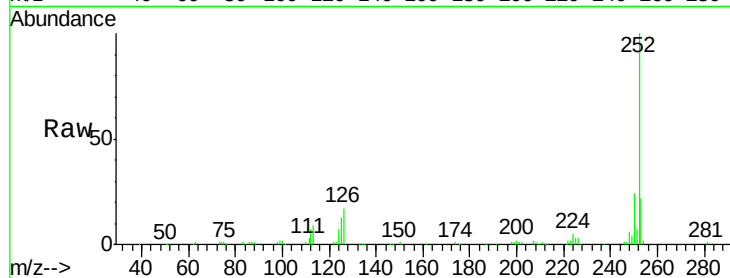




#87
Benzo(b)fluoranthene
Concen: 46.18 ng
RT: 15.52 min Scan# 1175
Delta R.T. -0.16 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

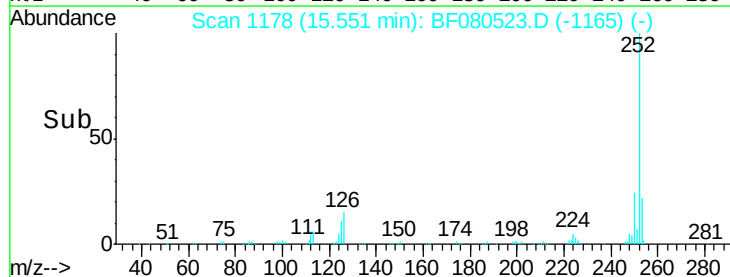
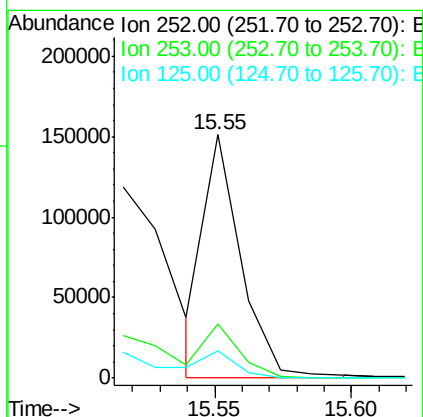
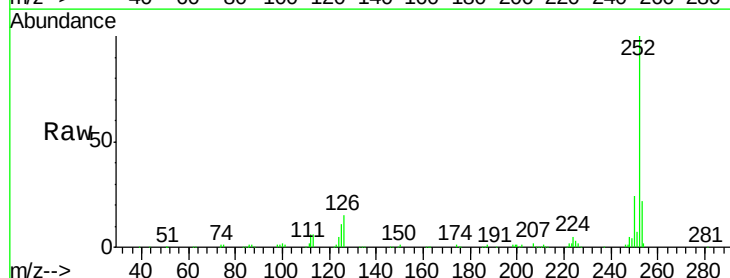
Instrument :
BNA_F
ClientSampleId :
TEC-E4MSD

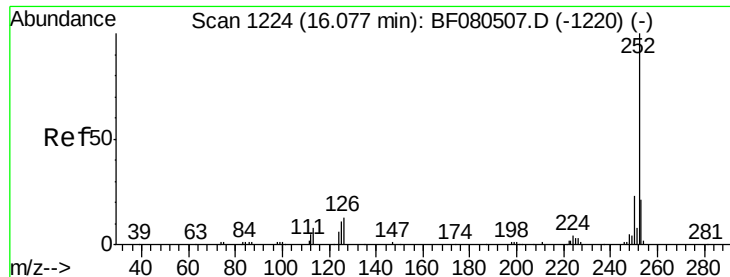
Tgt Ion:252 Resp: 177722
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 13.3 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 36.52 ng m
RT: 15.55 min Scan# 1178
Delta R.T. -0.15 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

Tgt Ion:252 Resp: 142886
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.4
125 11.0 16.0 24.0#

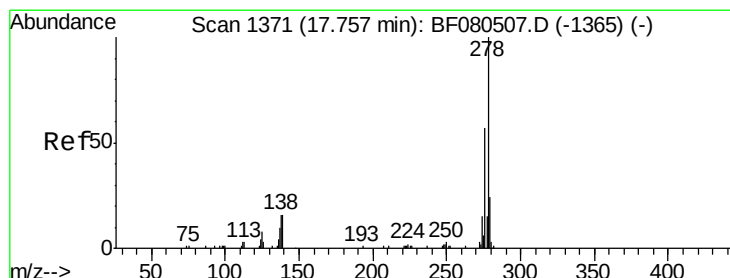
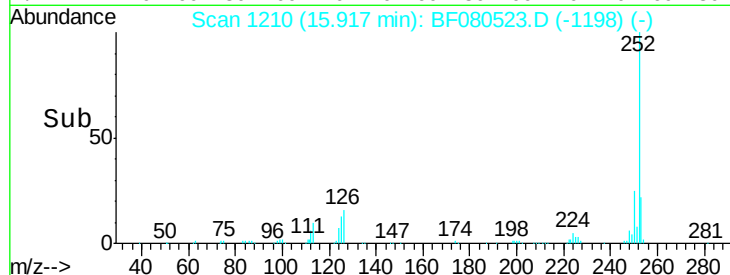
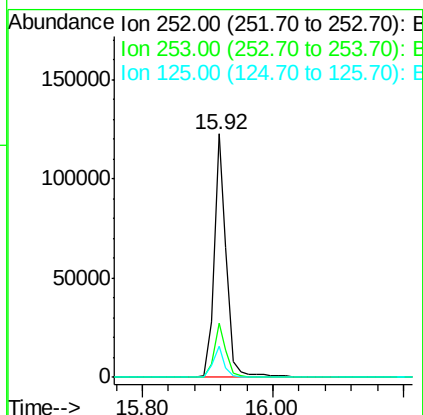
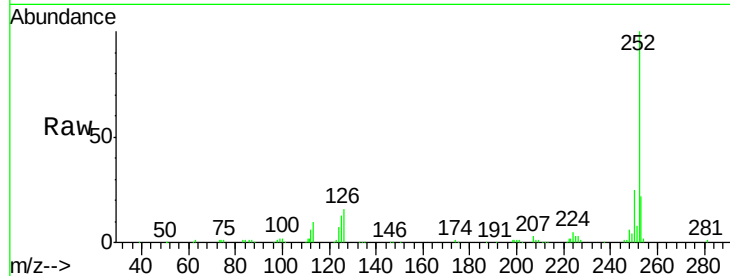




#89
Benzo(a)pyrene
Concen: 45.00 ng
RT: 15.92 min Scan# 1210
Delta R.T. -0.16 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

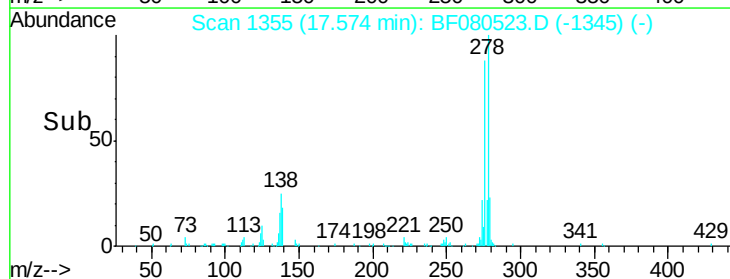
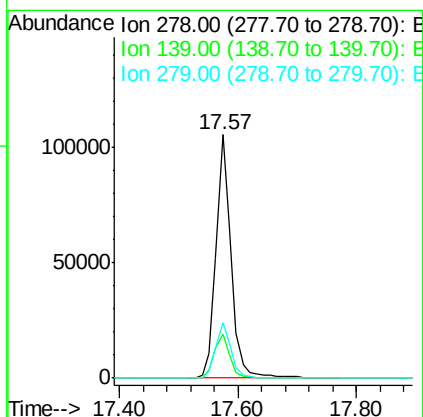
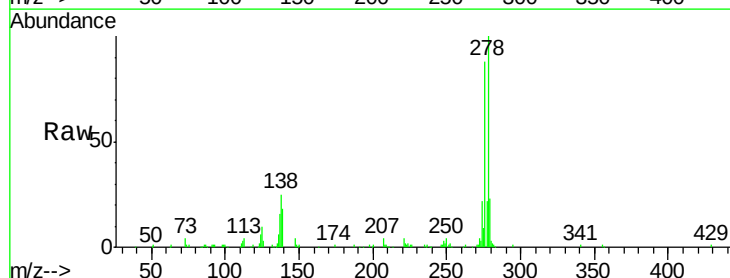
Instrument :
BNA_F
ClientSampleId :
TEC-E4MSD

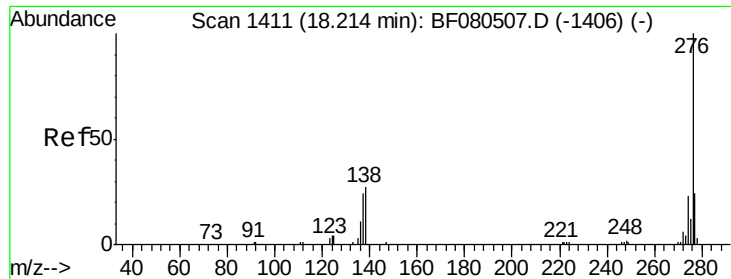
Tgt Ion:252 Resp: 161974
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 13.0 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 46.85 ng
RT: 17.57 min Scan# 1355
Delta R.T. -0.18 min
Lab File: BF080523.D
Acq: 16 Jul 2015 21:43

Tgt Ion:278 Resp: 185641
Ion Ratio Lower Upper
278 100
139 18.2 26.3 39.5#
279 23.0 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 47.69 ng

RT: 18.04 min Scan# 1396

Delta R.T. -0.17 min

Lab File: BF080523.D

Acq: 16 Jul 2015 21:43

Instrument :

BNA_F

ClientSampleId :

TEC-E4MSD

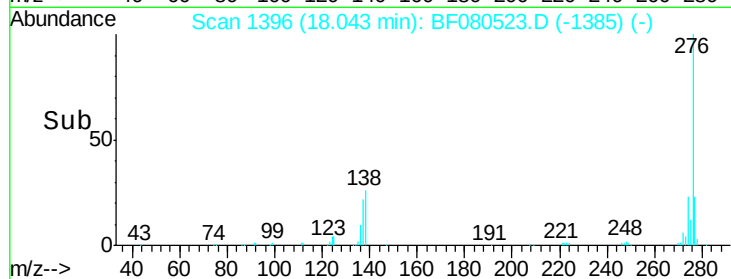
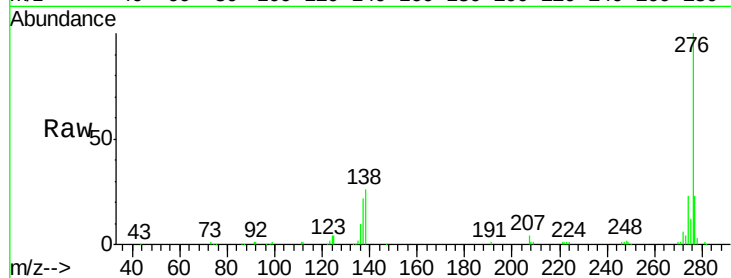
Tgt Ion: 276 Resp: 196217

Ion Ratio Lower Upper

276 100

277 23.4 17.8 26.6

138 26.2 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

