

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021315\
 Data File : BF077314.D
 Acq On : 13 Feb 2015 18:33
 Operator : TP/IZ
 Sample : G1294-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MS

Quant Time: Feb 14 00:39:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 13:10:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	26252	20.00	ng	0.01
21) Naphthalene-d8	10.41	136	111379	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	54028	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	102574	20.00	ng	0.00
75) Chrysene-d12	20.95	240	98861	20.00	ng	-0.01
86) Perylene-d12	22.60	264	88495	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.50	112	151317	90.19	ng	0.01
7) Phenol-d6	6.92	99	191909	92.36	ng	-0.01
23) Nitrobenzene-d5	8.81	82	122251	62.70	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	42258	95.92	ng	-0.01
44) 2-Fluorobiphenyl	13.06	172	228136	63.55	ng	-0.01
78) Terphenyl-d14	19.69	244	212290	48.23	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.01	88	18007	28.43	ng	# 92
3) Pyridine	1.44	79	48359	28.81	ng	96
4) n-Nitrosodimethylamine	1.40	42	24391	23.81	ng	99
6) Aniline	6.80	93	47213	17.18	ng	96
8) 2-Chlorophenol	7.04	128	54385	28.55	ng	95
10) Phenol	6.96	94	61941	29.00	ng	96
11) bis(2-Chloroethyl)ether	7.05	93	49257	28.94	ng	96
12) 1,3-Dichlorobenzene	7.34	146	60549	28.75	ng	93
13) 1,4-Dichlorobenzene	7.54	146	60203	27.72	ng	94
14) 1,2-Dichlorobenzene	7.85	146	56829	27.62	ng	99
15) Benzyl Alcohol	7.96	79	46468	28.24	ng	86
16) 2,2'-oxybis(1-Chloropropan	8.30	45	66418	27.85	ng	94
17) 2-Methylphenol	8.33	107	41545	28.20	ng	94
18) Hexachloroethane	8.59	117	22368	28.36	ng	96
19) n-Nitroso-di-n-propylamine	8.59	70	39179	26.82	ng	95
20) 3+4-Methylphenols	8.72	107	51754m	27.21	ng	
22) Acetophenone	8.51	105	80752	30.19	ng	98
24) Nitrobenzene	8.85	77	55290	28.60	ng	97
25) Isophorone	9.46	82	103422	29.43	ng	# 94
26) 2-Nitrophenol	9.60	139	26141m	27.85	ng	
27) 2,4-Dimethylphenol	9.89	122	46271	29.29	ng	100
28) bis(2-Chloroethoxy)methane	10.09	93	63974	29.90	ng	99
29) 2,4-Dichlorophenol	10.22	162	41581m	28.81	ng	
30) 1,2,4-Trichlorobenzene	10.33	180	46612	28.56	ng	98
31) Naphthalene	10.45	128	161316	29.34	ng	99
33) 4-Chloroaniline	10.73	127	44159m	19.91	ng	
34) Hexachlorobutadiene	10.83	225	26241	28.30	ng	96
35) Caprolactam	11.55	113	12529m	28.69	ng	
36) 4-Chloro-3-methylphenol	12.05	107	42435	26.28	ng	90
37) 2-Methylnaphthalene	12.11	142	113993	27.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	43196	31.77	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	34077	53.88	ng	94
42) 2,4,6-Trichlorophenol	12.89	196	26516m	29.81	ng	
43) 2,4,5-Trichlorophenol	12.99	196	22902m	26.28	ng	

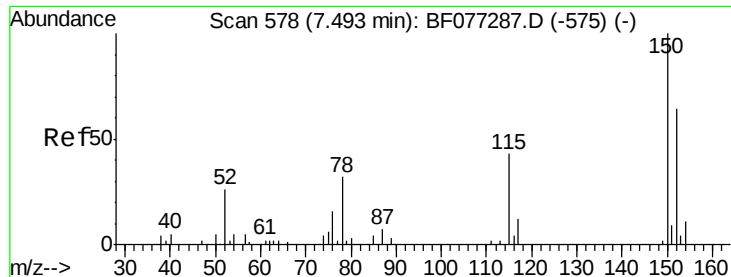
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	13.27	154	130484	31.34	nq	98
46) 2-Chloronaphthalene	13.23	162	106390	32.00	nq	97
47) 2-Nitroaniline	13.60	65	33491m	34.47	nq	
48) Acenaphthylene	14.18	152	169617	32.33	nq	99
49) Dimethylphthalate	14.15	163	137404	35.17	nq	100
50) 2,6-Dinitrotoluene	14.25	165	25602	33.89	nq	87
51) Acenaphthene	14.59	154	93207	30.68	nq	99
52) 3-Nitroaniline	14.59	138	26285m	28.44	nq	
53) 2,4-Dinitrophenol	14.90	184	8397	42.96	nq	# 70
54) Dibenzofuran	15.03	168	144980	30.86	nq	98
55) 4-Nitrophenol	15.24	139	28066m	62.40	nq	
56) 2,4-Dinitrotoluene	15.19	165	35030	32.53	nq	# 98
57) Fluorene	15.80	166	123132	32.01	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	15820	26.75	nq	# 100
59) Diethylphthalate	15.83	149	134756	33.12	nq	98
60) 4-Chlorophenyl-phenylether	15.91	204	51010	31.90	nq	94
61) 4-Nitroaniline	15.99	138	26370	30.52	nq	95
62) Azobenzene	16.20	77	124061m	31.97	nq	
64) 4,6-Dinitro-2-methylphenol	16.07	198	13358	26.23	nq	94
65) n-Nitrosodiphenylamine	16.17	169	103525	28.30	nq	99
66) 4-Bromophenyl-phenylether	16.80	248	28607	26.69	nq	96
67) Hexachlorobenzene	16.81	284	31096	28.49	nq	# 85
68) Atrazine	17.20	200	36317	31.34	nq	95
69) Pentachlorophenol	17.20	266	13680	45.24	nq	# 89
70) Phenanthrene	17.47	178	175074	28.30	nq	98
71) Anthracene	17.55	178	171232	27.59	nq	100
72) Carbazole	17.85	167	167995	28.34	nq	98
73) Di-n-butylphthalate	18.45	149	220683	29.25	nq	99
74) Fluoranthene	19.13	202	175642	27.56	nq	97
76) Benzidine	19.38	184	91145	22.74	nq	99
77) Pyrene	19.41	202	189592	28.75	nq	98
79) Butylbenzylphthalate	20.36	149	100273	30.04	nq	92
80) Benzo(a)anthracene	20.93	228	166778	27.41	nq	100
81) 3,3'-Dichlorobenzidine	20.96	252	44876	21.03	nq	98
82) Chrysene	20.98	228	159686	28.96	nq	99
83) Bis(2-ethylhexyl)phthalate	21.11	149	149314	30.06	nq	# 100
84) Di-n-octyl phthalate	21.87	149	267376	31.30	nq	99
85) Indeno(1,2,3-cd)pyrene	23.72	276	166010	30.96	nq	# 100
87) Benzo(b)fluoranthene	22.19	252	158143	25.09	nq	98
88) Benzo(k)fluoranthene	22.21	252	149302m	31.37	nq	
89) Benzo(a)pyrene	22.55	252	150043	28.59	nq	97
90) Dibenzo(a,h)anthracene	23.75	278	137426	29.49	nq	99
91) Benzo(g,h,i)perylene	23.99	276	137765	29.88	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.50 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF077314.D

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BNA_F

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1004-50(0-2)MS

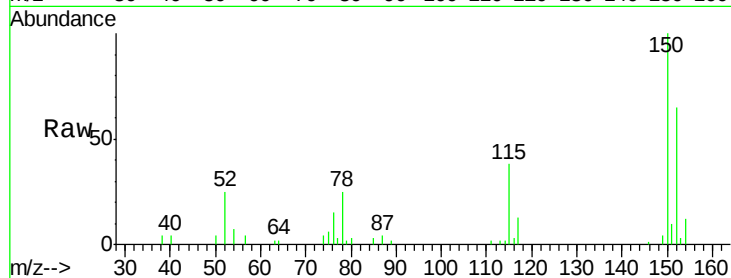
Tot Ion:152 Resp: 26252

Ion Ratio Lower Upper

152 100

150 153.8 124.9 187.3

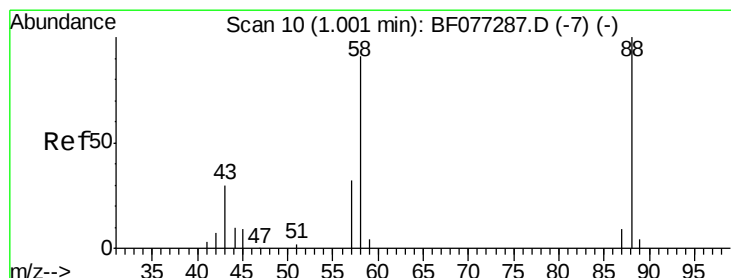
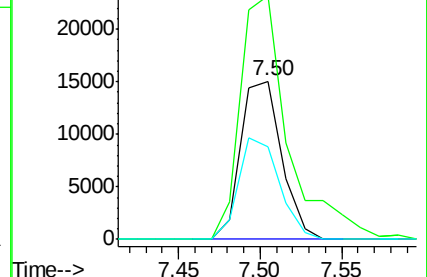
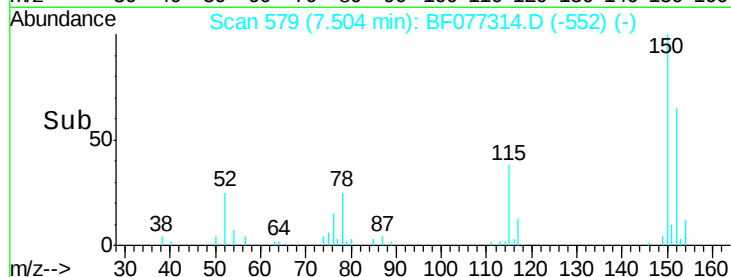
115 58.1 54.1 81.1



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: 28.43 ng

RT: 1.01 min Scan# 11

Delta R.T. 0.01 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

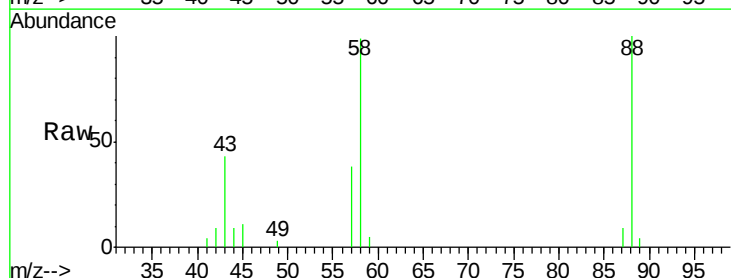
Tgt Ion: 88 Resp: 18007

Ion Ratio Lower Upper

88 100

58 90.8 77.0 115.6

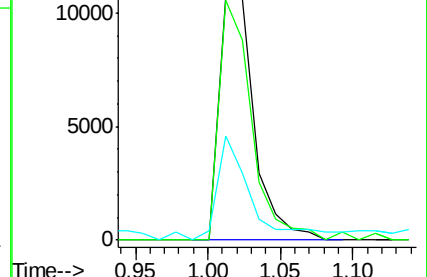
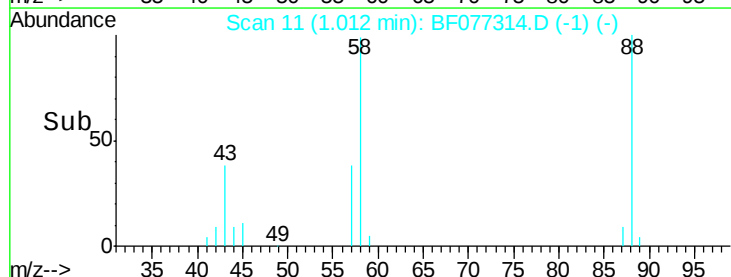
43 43.1 28.1 42.1#

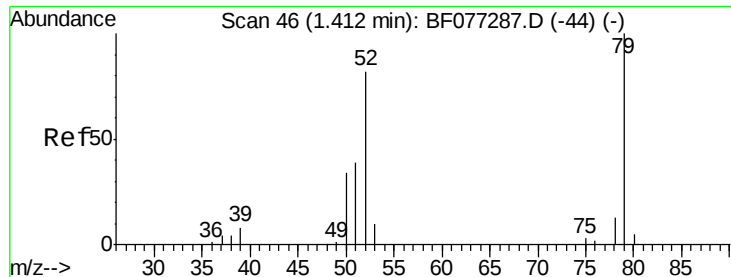


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.81 ng

RT: 1.44 min Scan# 48

Delta R.T. 0.02 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

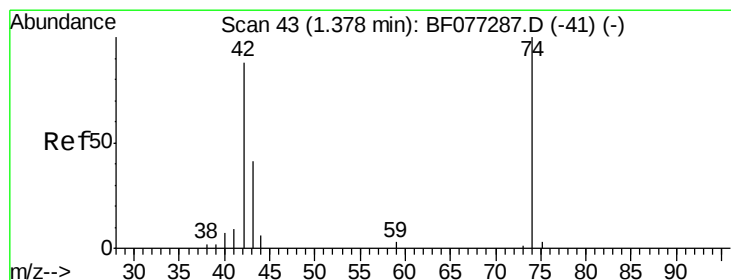
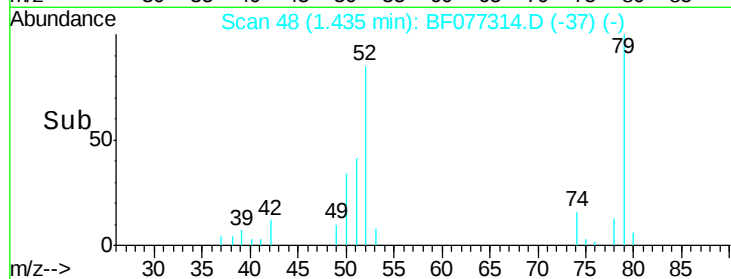
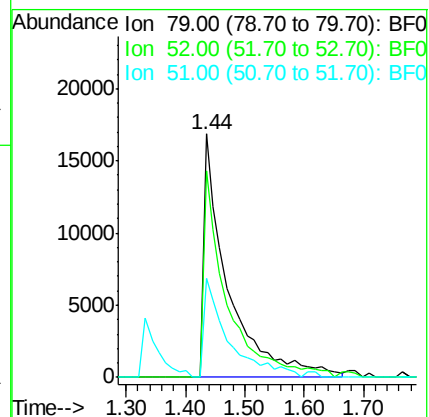
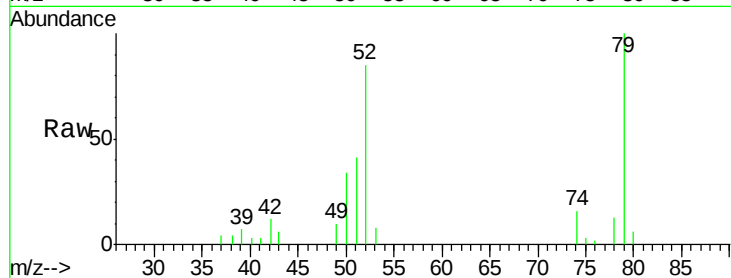
Tot Ion: 79 Resp: 48359

Ion Ratio Lower Upper

79 100

52 84.8 65.3 97.9

51 40.8 35.4 53.0



#4

n-Nitrosodimethylamine

Concen: 23.81 ng

RT: 1.40 min Scan# 45

Delta R.T. 0.02 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

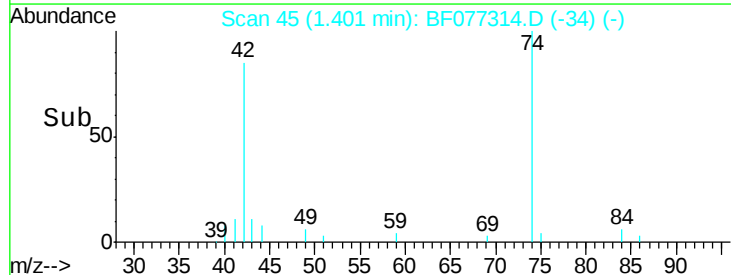
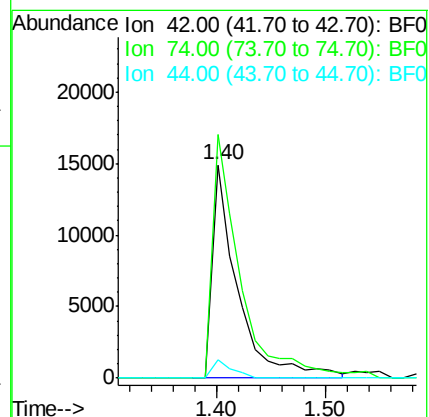
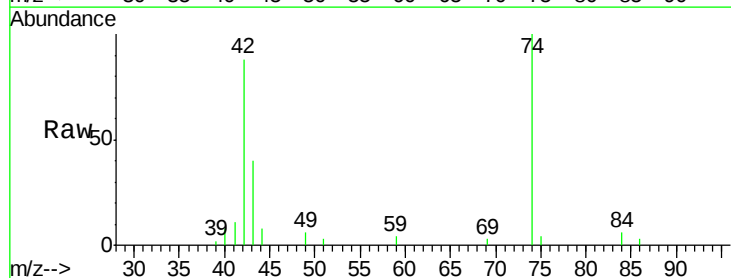
Tgt Ion: 42 Resp: 24391

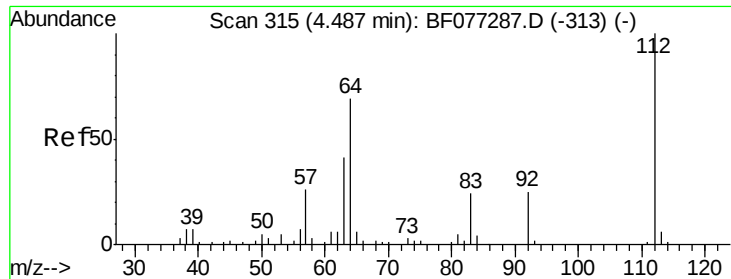
Ion Ratio Lower Upper

42 100

74 114.2 90.8 136.2

44 8.6 5.8 8.6





#5

2-Fluorophenol

Concen: 90.19 ng

RT: 4.50 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

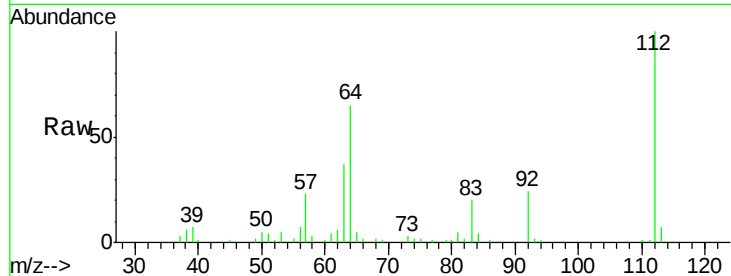
Tot Ion:112 Resp: 151317

Ion Ratio Lower Upper

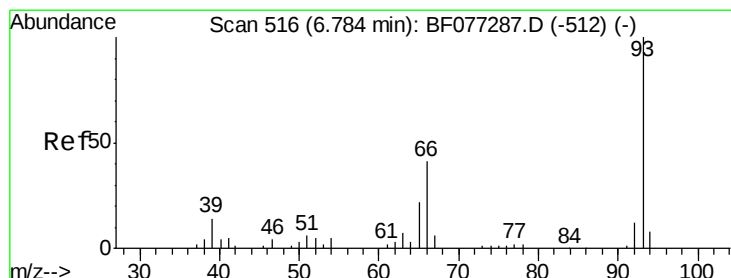
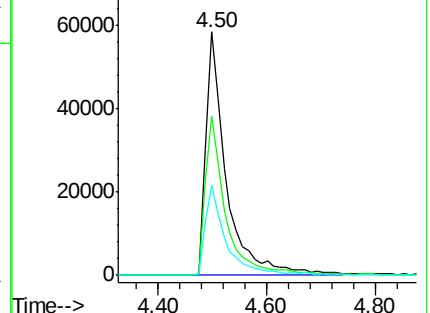
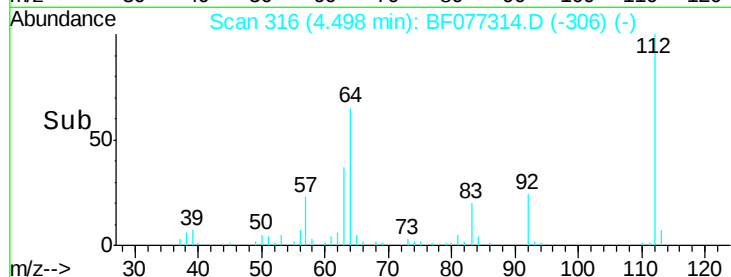
112 100

64 65.3 55.0 82.4

63 37.2 33.0 49.6



Abundance Ion 112.00 (111.70 to 112.70): BF077314.D (-316) (-)



#6

Aniline

Concen: 17.18 ng

RT: 6.80 min Scan# 517

Delta R.T. 0.01 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

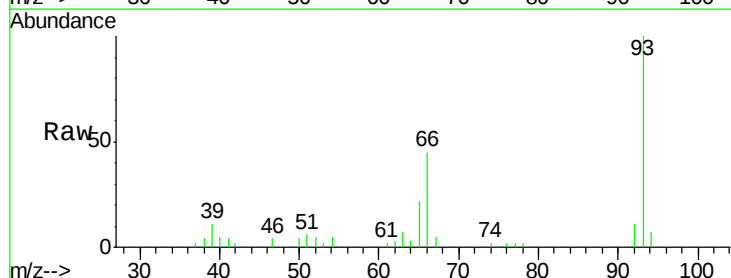
Tgt Ion: 93 Resp: 47213

Ion Ratio Lower Upper

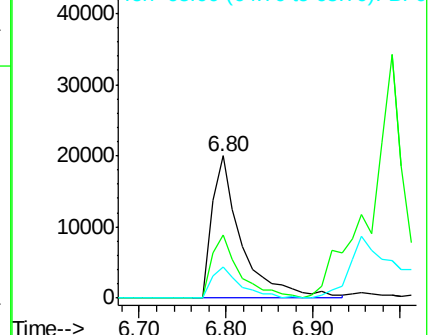
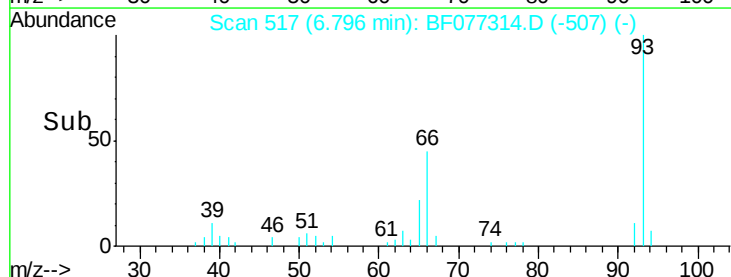
93 100

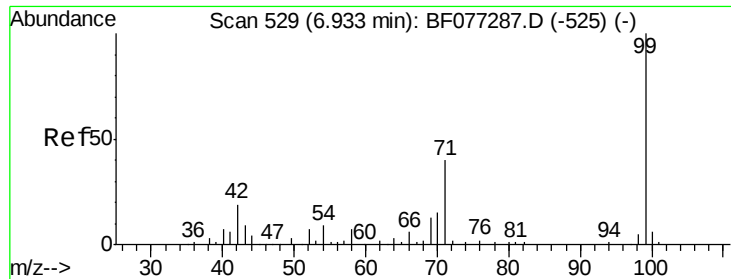
66 44.7 33.1 49.7

65 21.7 17.2 25.8



Abundance Ion 93.00 (92.70 to 93.70): BF077314.D (-517) (-)





#7

Phenol-d6

Concen: 92.36 ng

RT: 6.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

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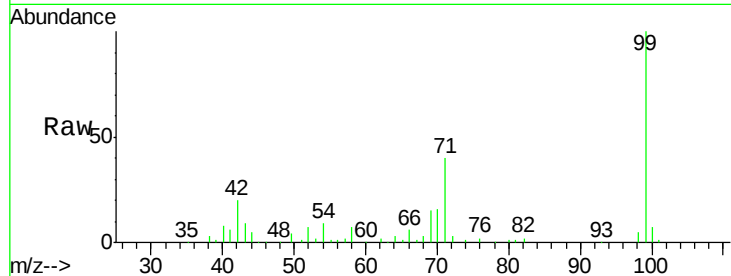
Tot Ion: 99 Resp: 191909

Ion Ratio Lower Upper

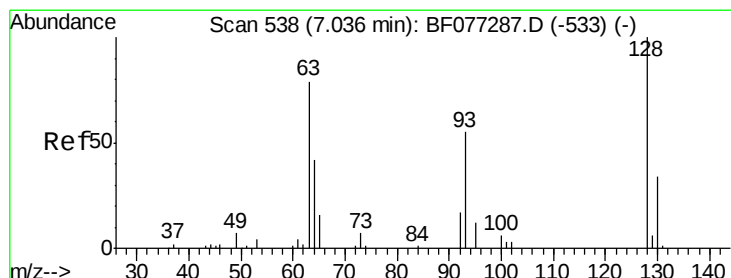
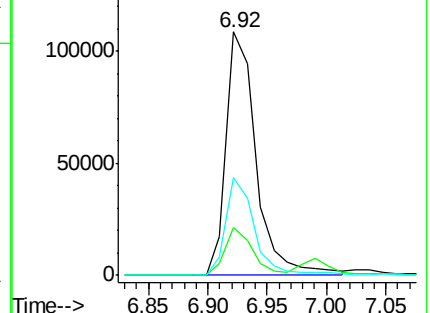
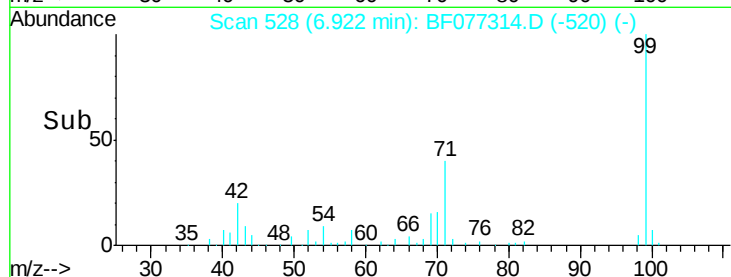
99 100

42 19.6 15.0 22.4

71 39.9 31.8 47.6



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: 28.55 ng

RT: 7.04 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

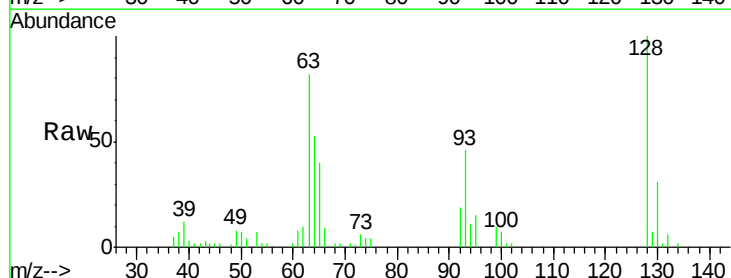
Tgt Ion: 128 Resp: 54385

Ion Ratio Lower Upper

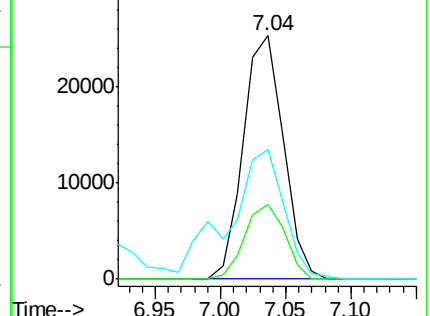
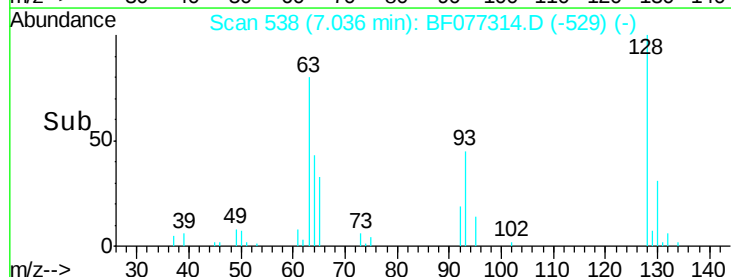
128 100

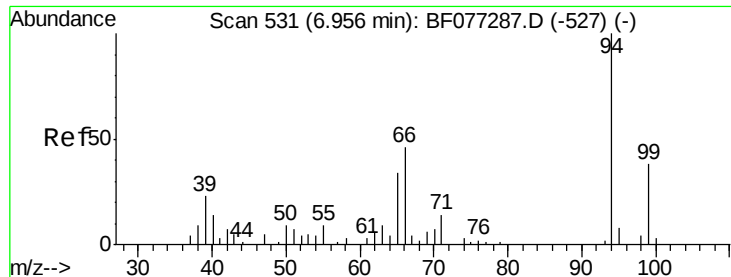
130 30.7 14.4 54.4

64 53.1 30.4 70.4



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





#10

Phenol

Concen: 29.00 ng

RT: 6.96 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

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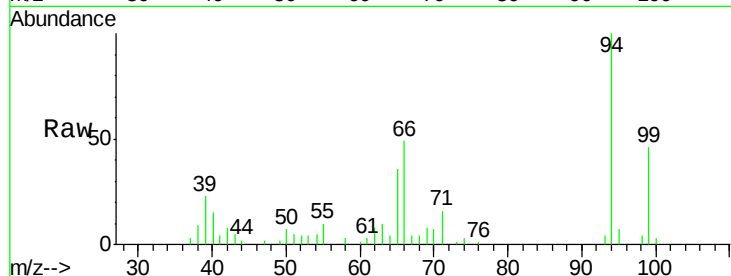
Tot Ion: 94 Resp: 61941

Ion Ratio Lower Upper

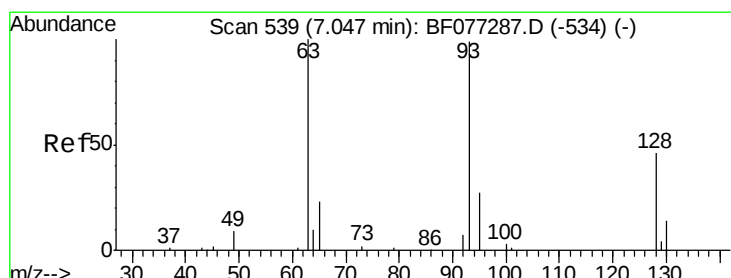
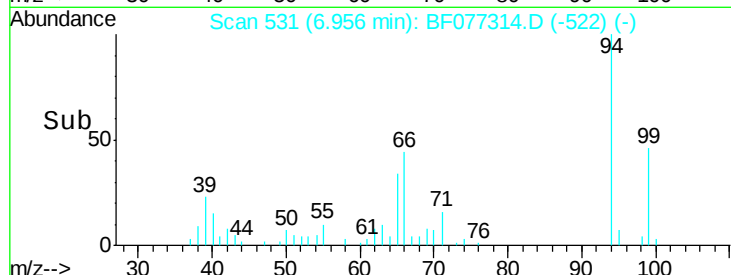
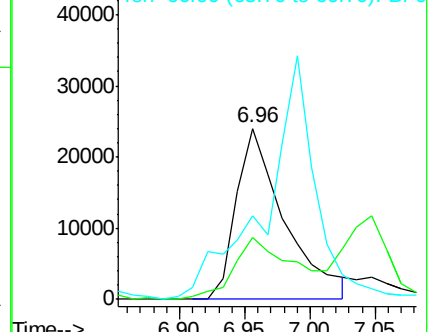
94 100

65 36.4 14.2 54.2

66 48.6 25.7 65.7



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: 28.94 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

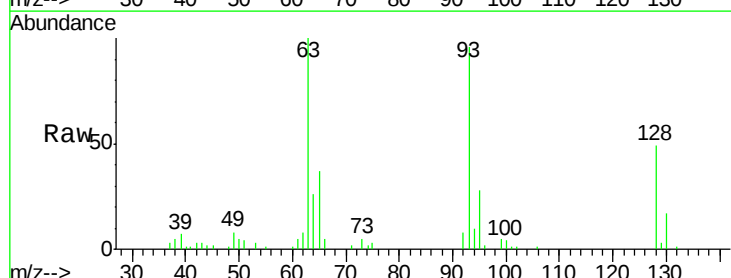
Tgt Ion: 93 Resp: 49257

Ion Ratio Lower Upper

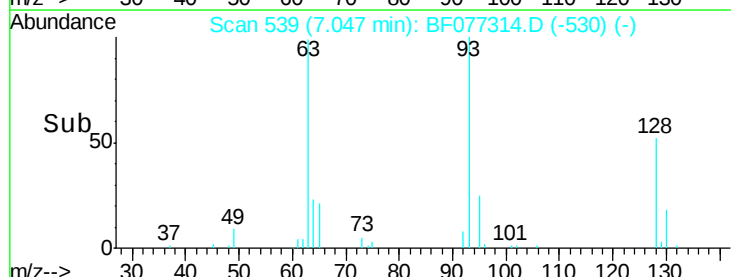
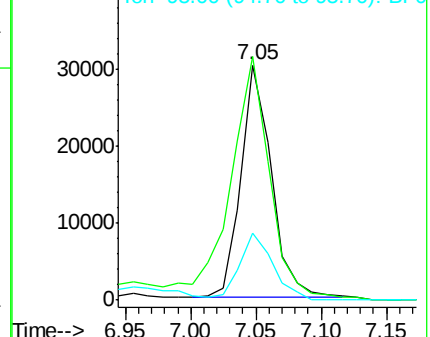
93 100

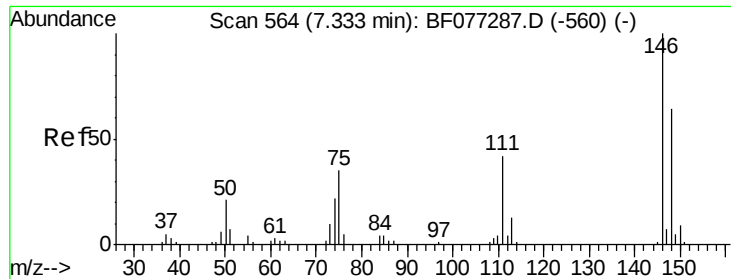
63 103.7 86.6 126.6

95 28.6 12.0 52.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

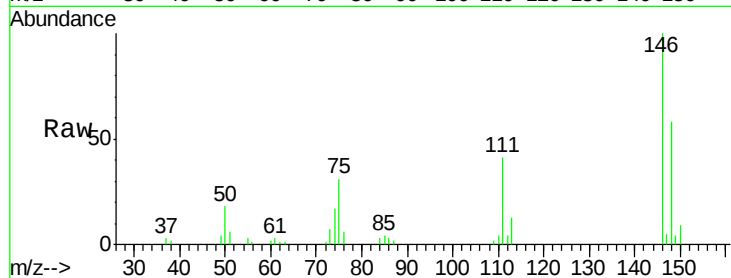




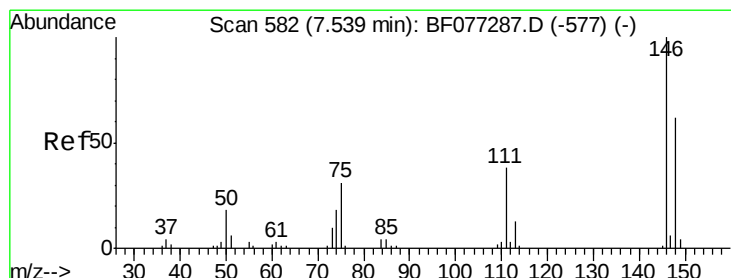
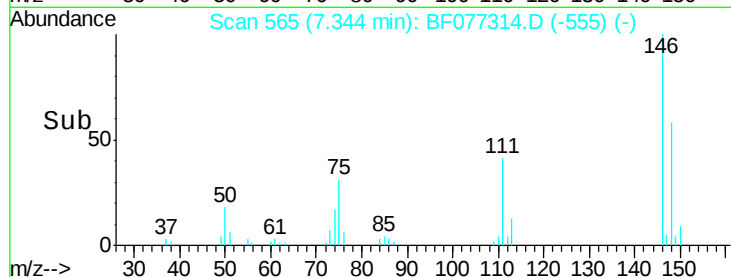
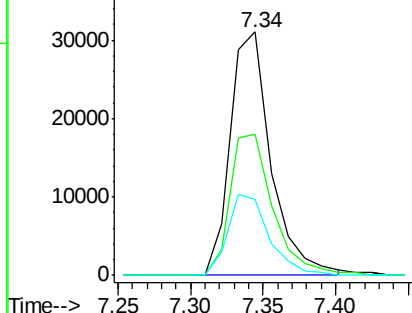
#12
 1,3-Dichlorobenzene
 Concen: 28.75 ng
 RT: 7.34 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MS

Tot Ion:146 Resp: 60549
 Ion Ratio Lower Upper
 146 100
 148 58.0 50.9 76.3
 75 31.0 28.1 42.1

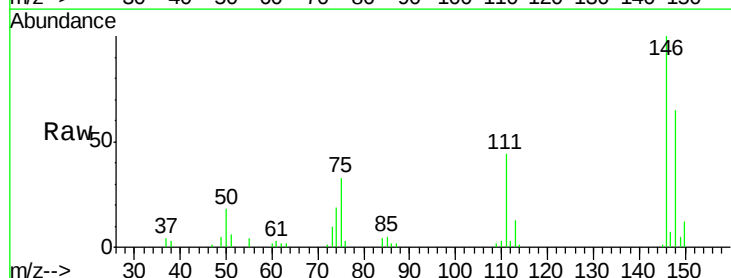


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

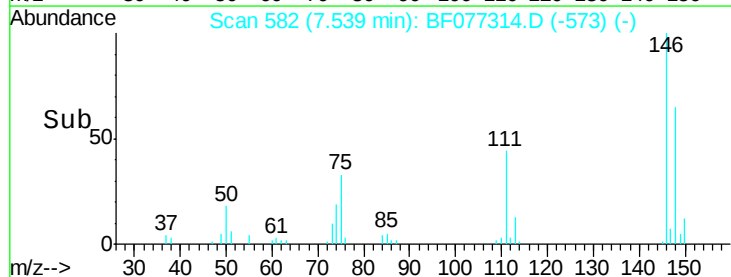
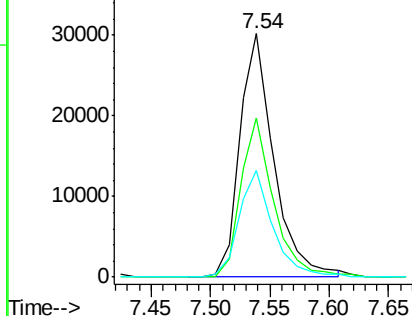


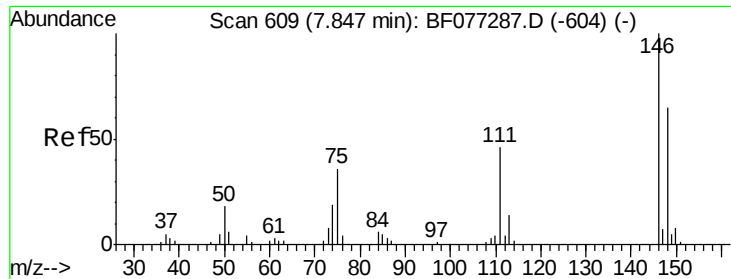
#13
 1,4-Dichlorobenzene
 Concen: 27.72 ng
 RT: 7.54 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Tgt Ion:146 Resp: 60203
 Ion Ratio Lower Upper
 146 100
 148 65.2 49.8 74.6
 111 43.7 30.2 45.2



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

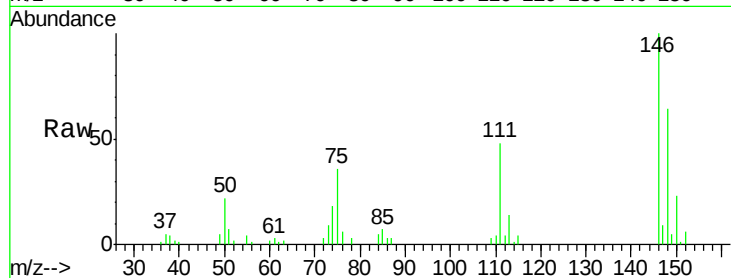




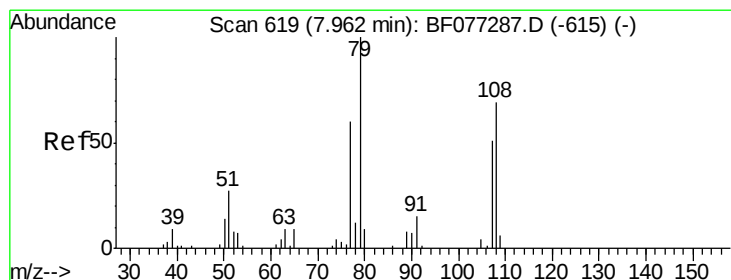
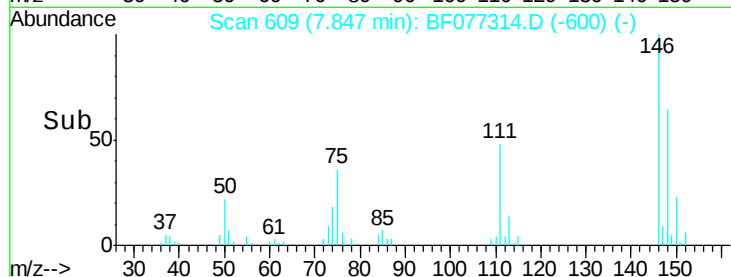
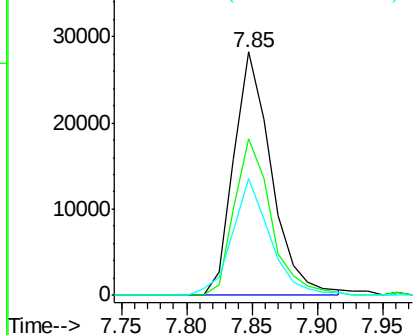
#14
 1,2-Dichlorobenzene
 Concen: 27.62 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MS

Tot Ion:146 Resp: 56829
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.0 78.0
 111 47.9 37.0 55.4

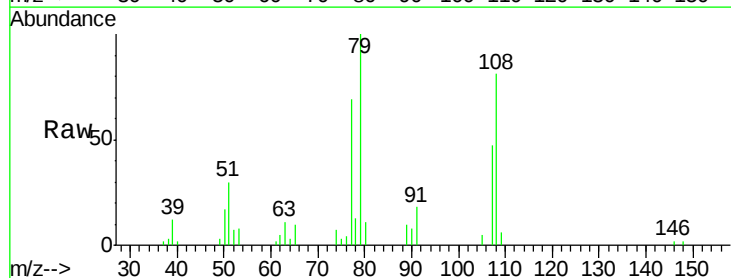


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

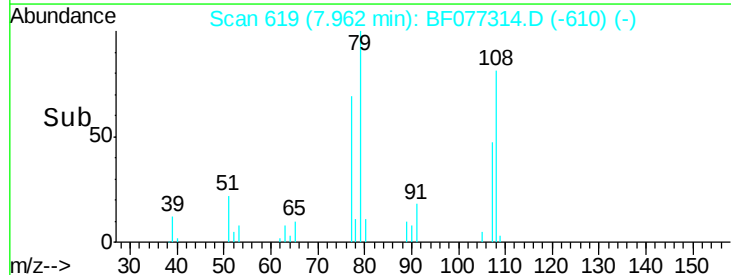
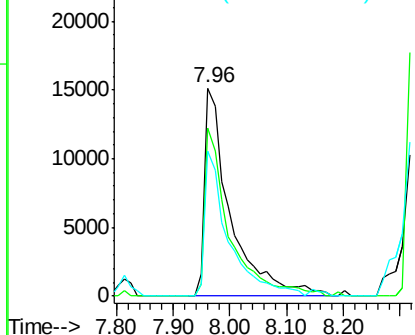


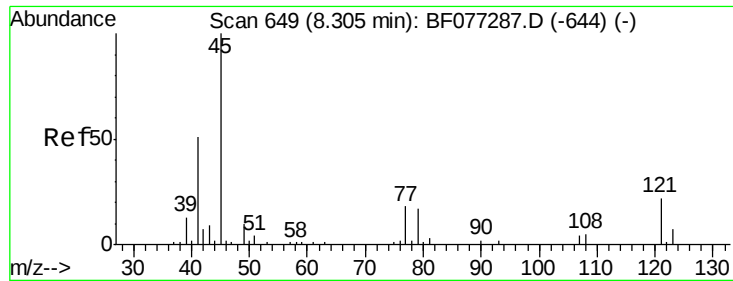
#15
 Benzyl Alcohol
 Concen: 28.24 ng
 RT: 7.96 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Tgt Ion: 79 Resp: 46468
 Ion Ratio Lower Upper
 79 100
 108 80.7 54.8 82.2
 77 69.3 48.0 72.0



Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0

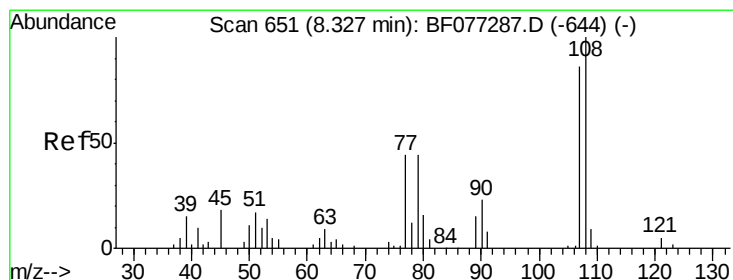
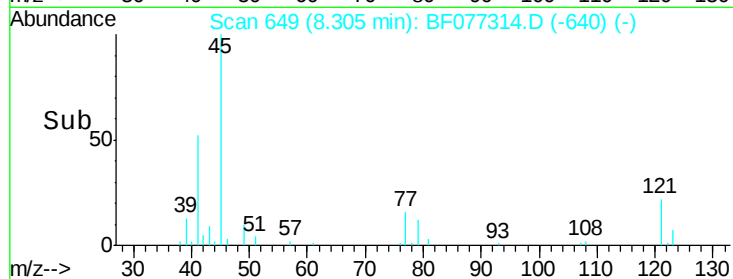
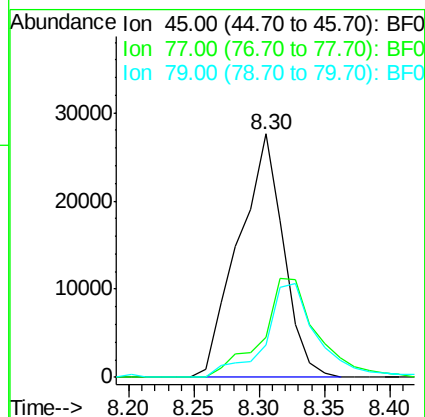
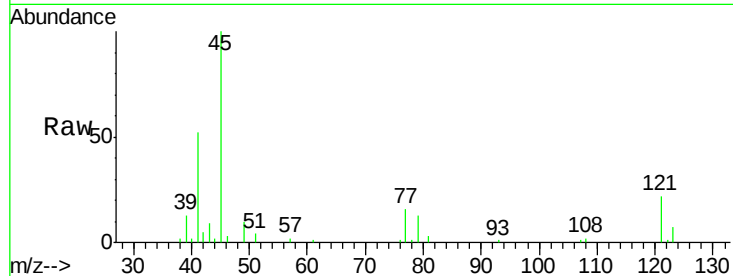




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 27.85 ng
RT: 8.30 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

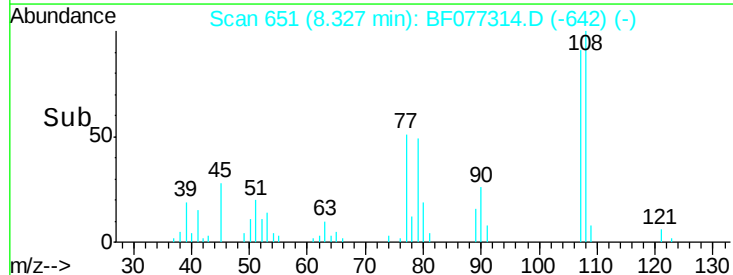
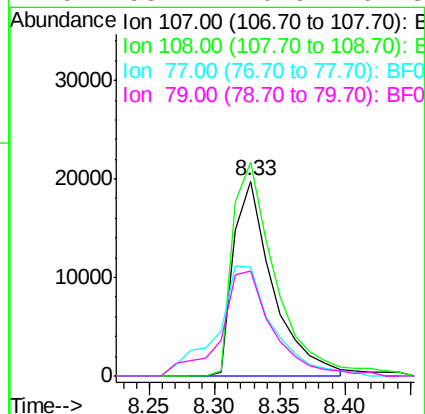
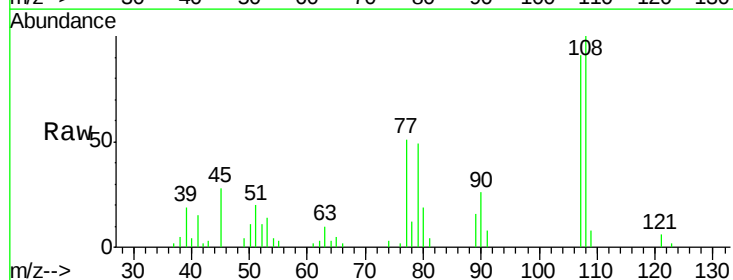
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MS

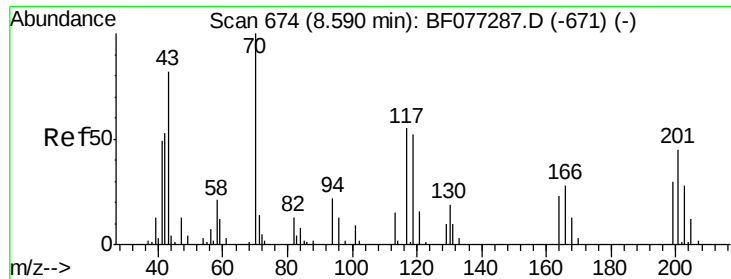
Tot Ion: 45 Resp: 66418
Ion Ratio Lower Upper
45 100
77 16.4 0.0 38.2
79 13.1 0.0 37.0



#17
2-Methylphenol
Concen: 28.20 ng
RT: 8.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Tgt Ion: 107 Resp: 41545
Ion Ratio Lower Upper
107 100
108 109.8 93.2 139.8
77 55.8 41.3 61.9
79 53.7 40.9 61.3

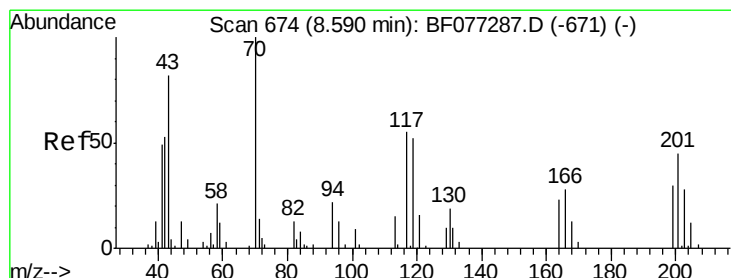
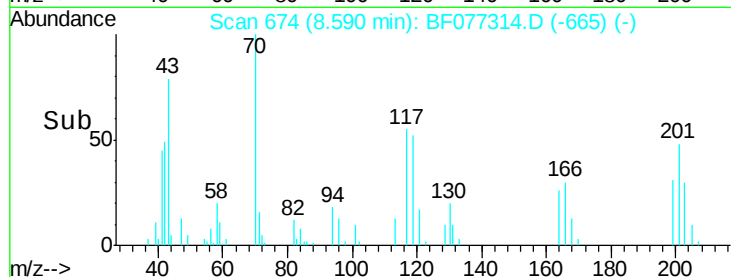
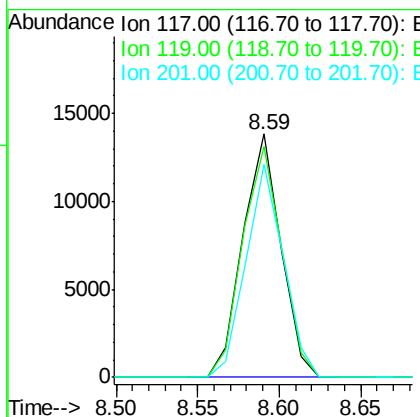
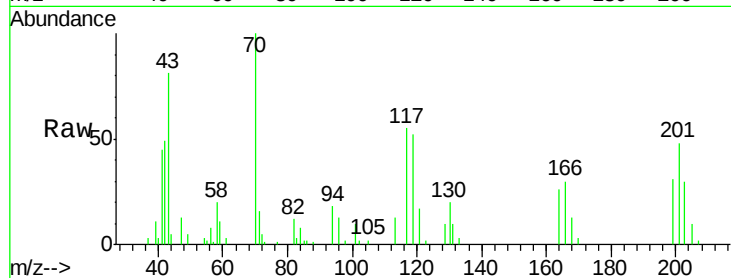




#18
Hexachloroethane
Concen: 28.36 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

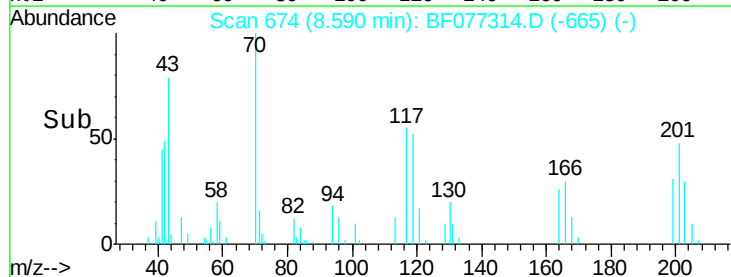
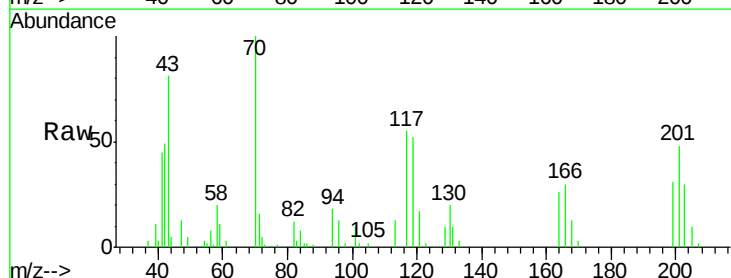
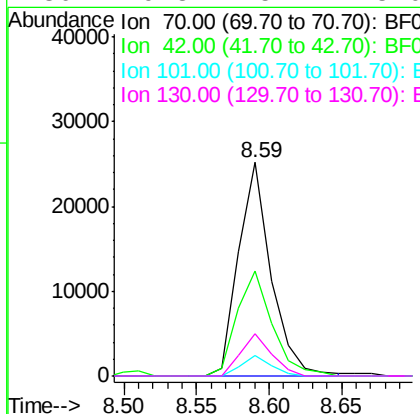
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MS

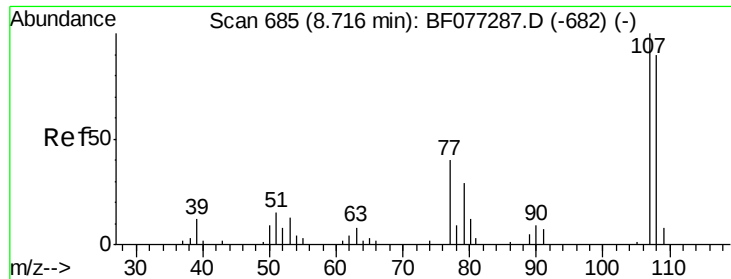
Tot Ion:117 Resp: 22368
Ion Ratio Lower Upper
117 100
119 94.6 75.5 113.3
201 87.5 64.3 96.5



#19
n-Nitroso-di-n-propylamine
Concen: 26.82 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Tgt Ion: 70 Resp: 39179
Ion Ratio Lower Upper
70 100
42 48.9 42.8 64.2
101 9.8 7.4 11.2
130 19.8 15.4 23.0

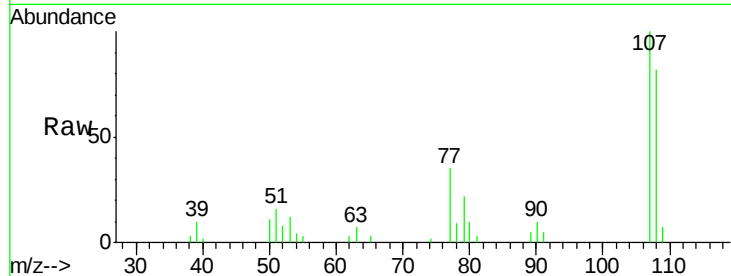




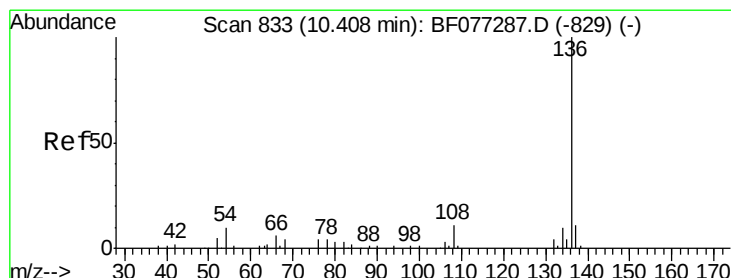
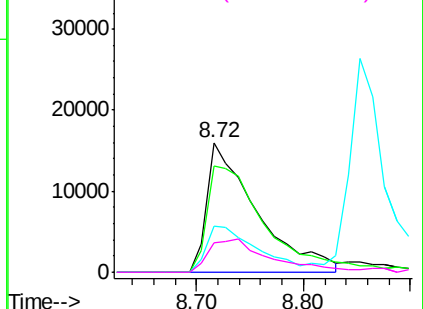
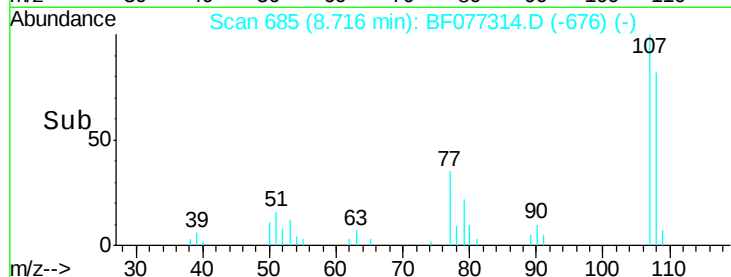
#20
3+4-Methylphenols
Concen: 27.21 ng/ml
RT: 8.72 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MS

Tot Ion:	107	Resp:	51754
Ion	Ratio	Lower	Upper
107	100		
108	81.8	69.7	109.7
77	35.3	19.5	59.5
79	22.3	8.9	48.9

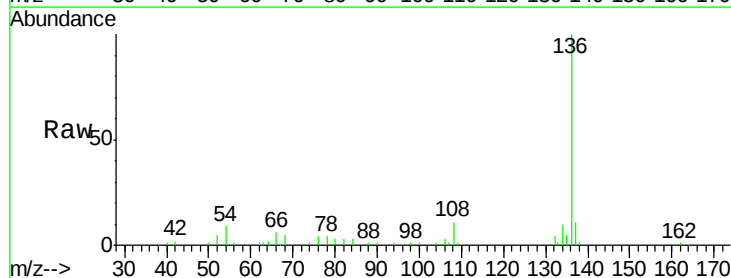


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

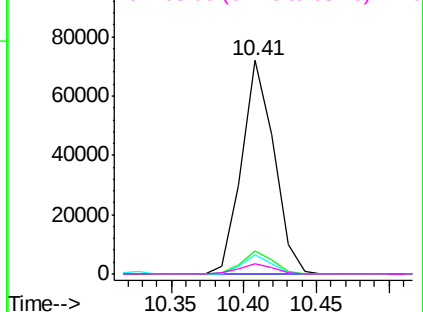
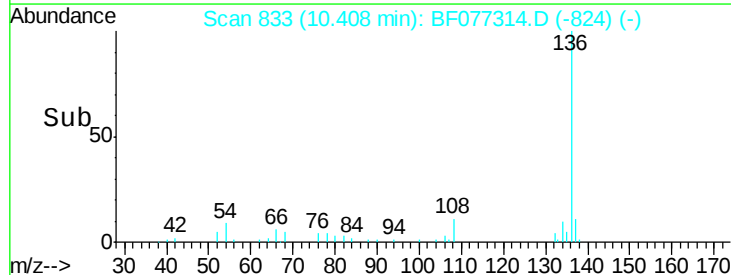


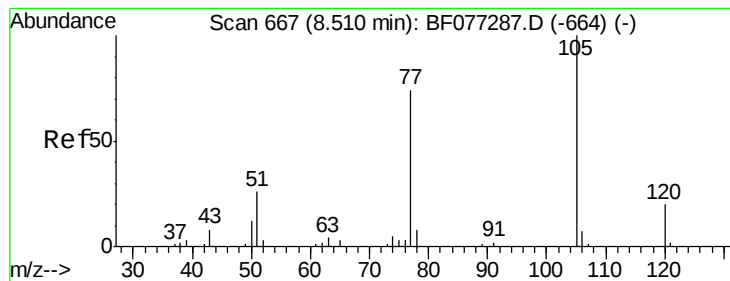
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.41 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Tgt Ion:	136	Resp:	111379
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	8.7	8.2	12.2
68	4.8	3.1	4.7#



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: 30.19 ng

RT: 8.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

Tot Ion:105 Resp: 80752

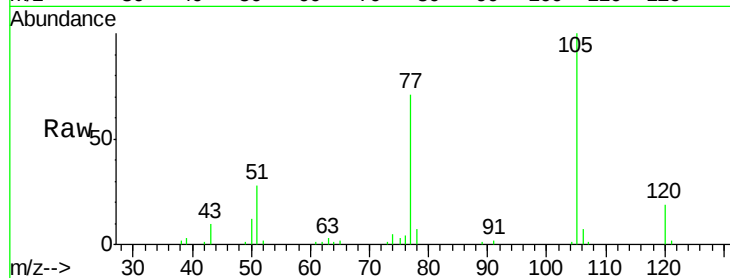
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 27.9 21.0 31.6

120 19.4 15.8 23.6

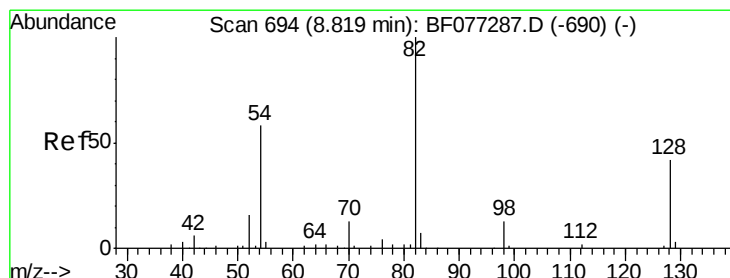
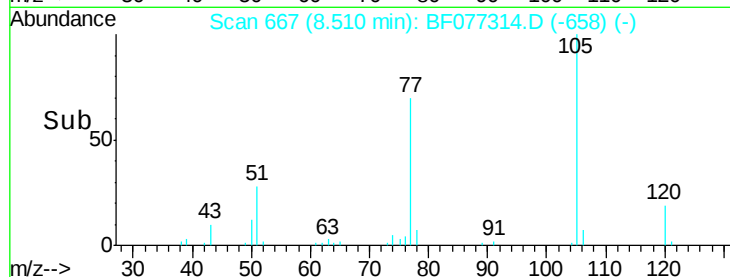
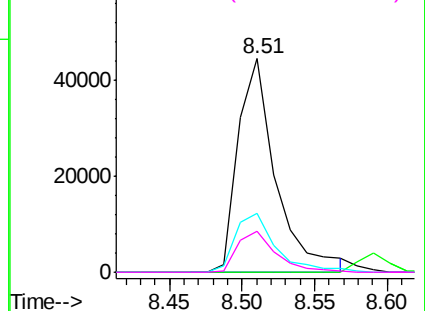


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 62.70 ng

RT: 8.81 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

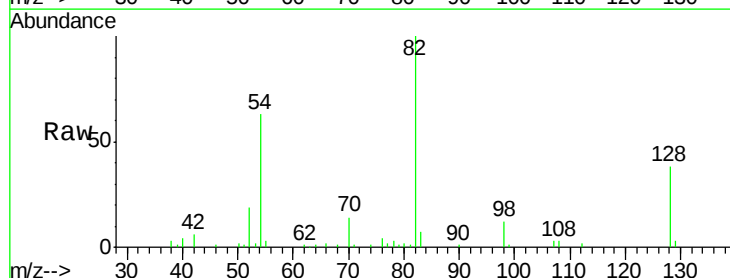
Tgt Ion: 82 Resp: 122251

Ion Ratio Lower Upper

82 100

128 37.8 33.6 50.4

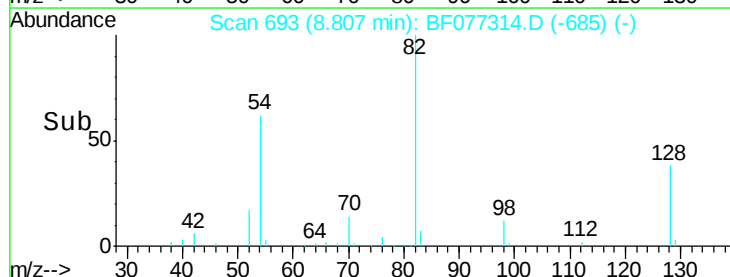
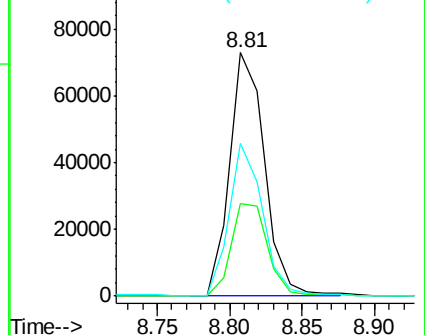
54 62.6 46.2 69.2

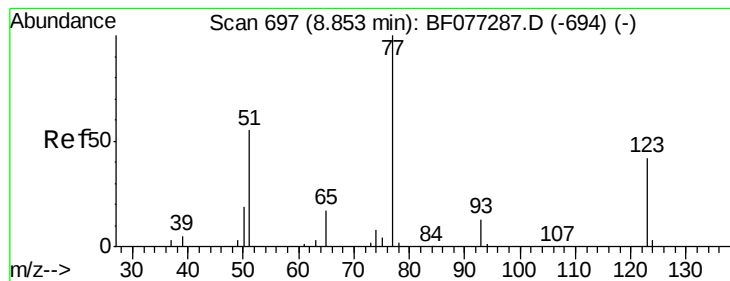


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 28.60 ng

RT: 8.85 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

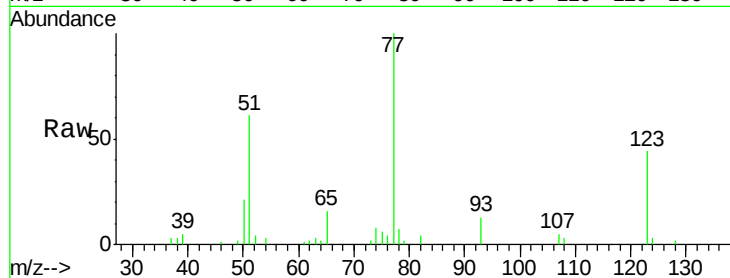
Tot Ion: 77 Resp: 55290

Ion Ratio Lower Upper

77 100

123 43.7 33.1 49.7

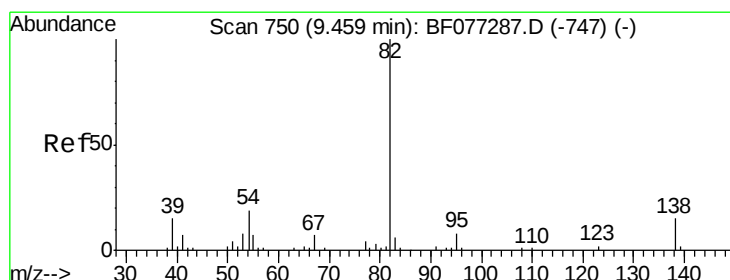
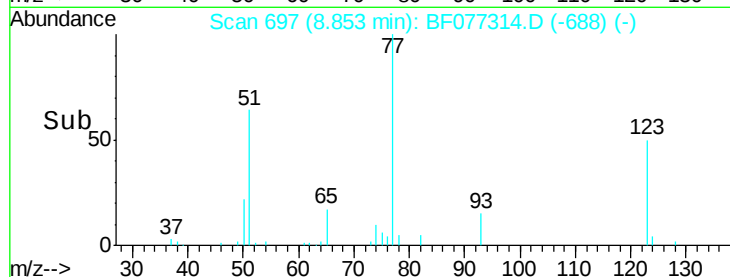
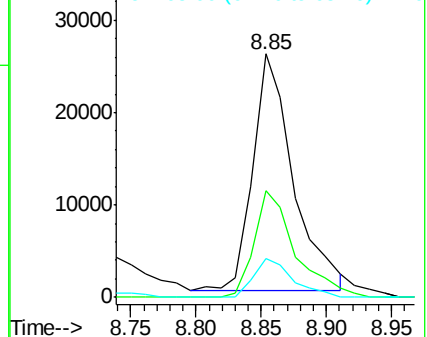
65 16.1 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 29.43 ng

RT: 9.46 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

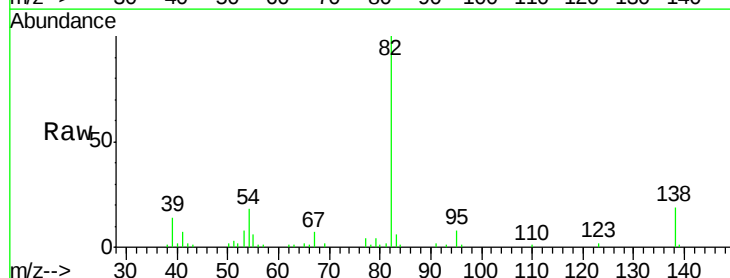
Tgt Ion: 82 Resp: 103422

Ion Ratio Lower Upper

82 100

95 8.2 6.3 9.5

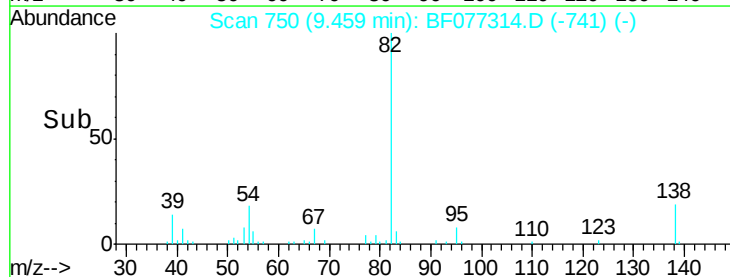
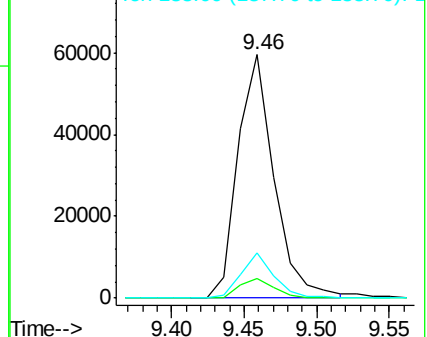
138 18.5 12.1 18.1#

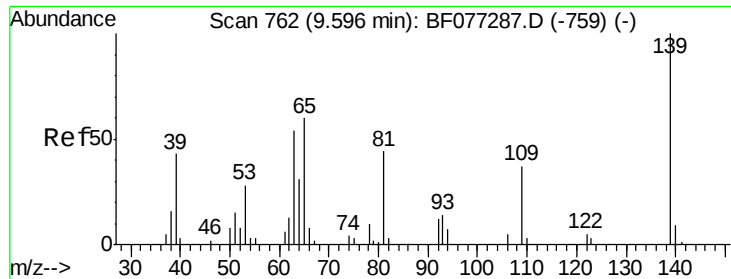


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

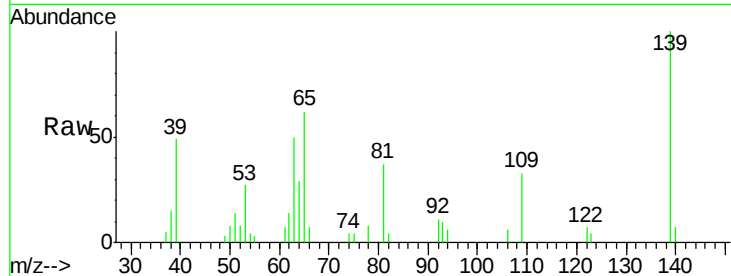




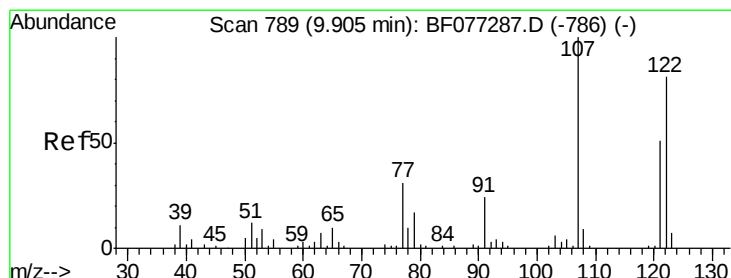
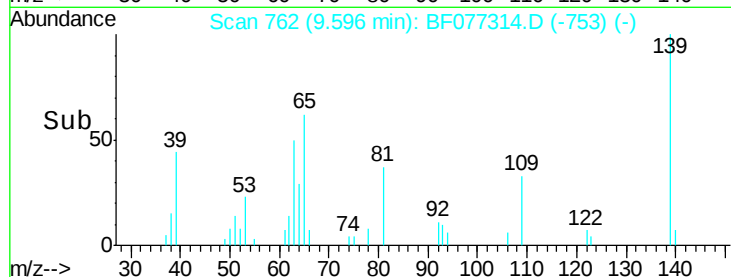
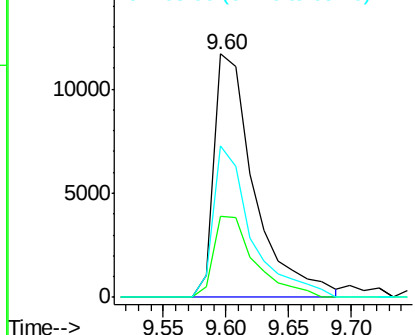
#26
 2-Nitrophenol
 Concen: 27.85 ng/ml
 RT: 9.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	33.4	29.4	44.2
65	62.1	47.9	71.9

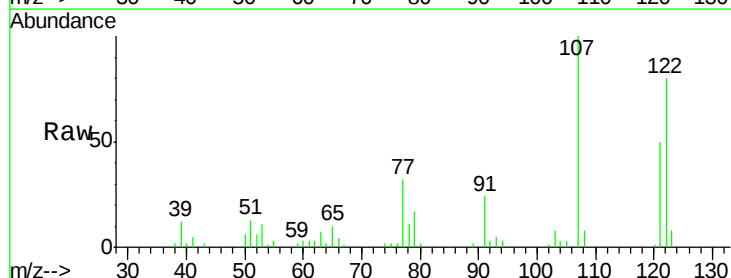


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

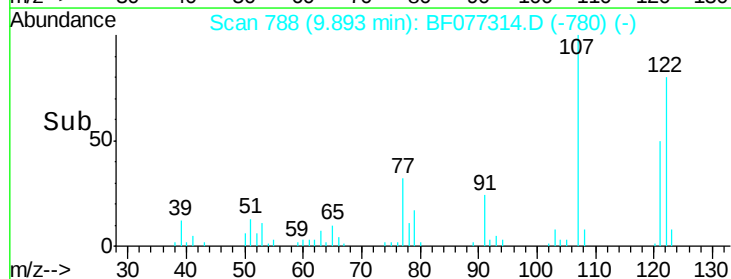
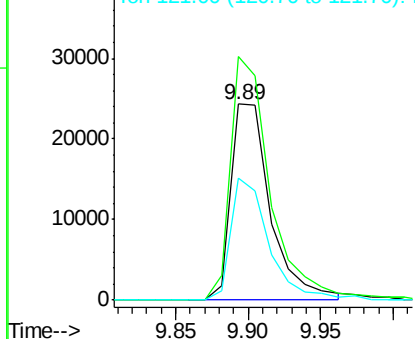


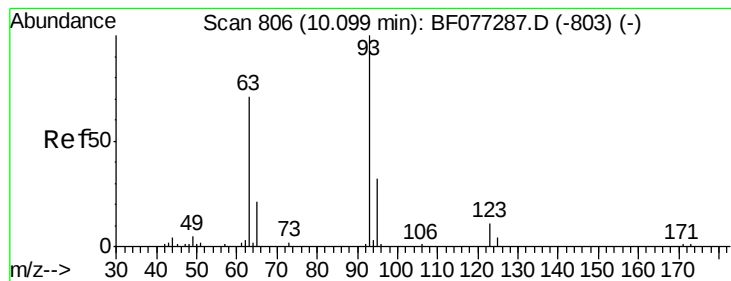
#27
 2,4-Dimethylphenol
 Concen: 29.29 ng/ml
 RT: 9.89 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.4	99.1	148.7
121	62.5	50.2	75.2



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: 29.90 ng

RT: 10.09 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

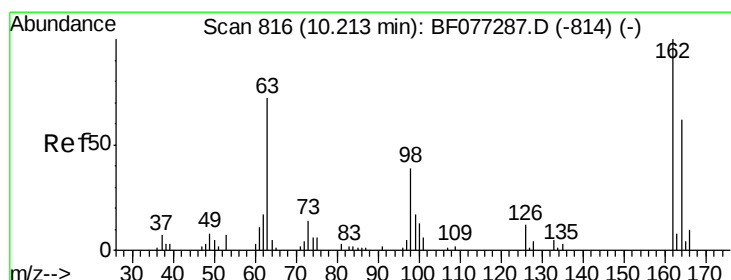
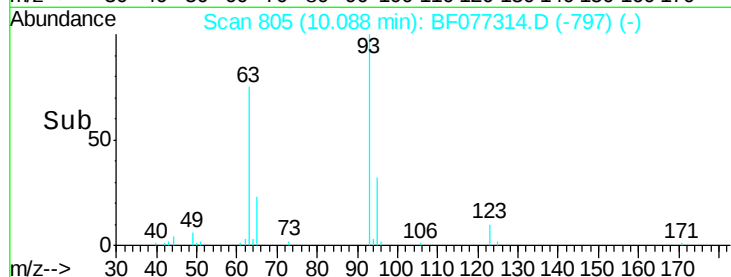
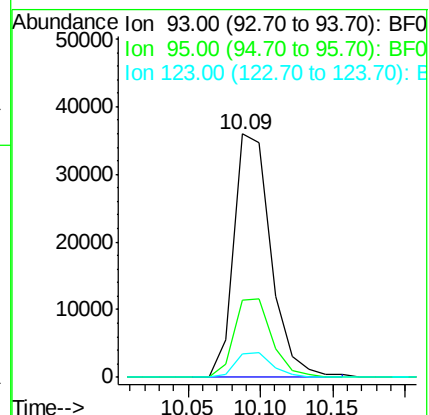
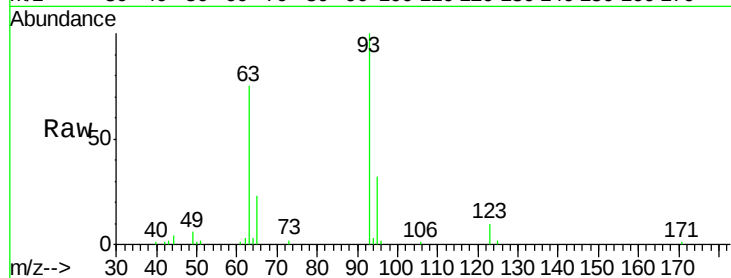
Tot Ion: 93 Resp: 63974

Ion Ratio Lower Upper

93 100

95 31.8 25.4 38.2

123 9.6 8.5 12.7



#29

2,4-Dichlorophenol

Concen: 28.81 ng m

RT: 10.22 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

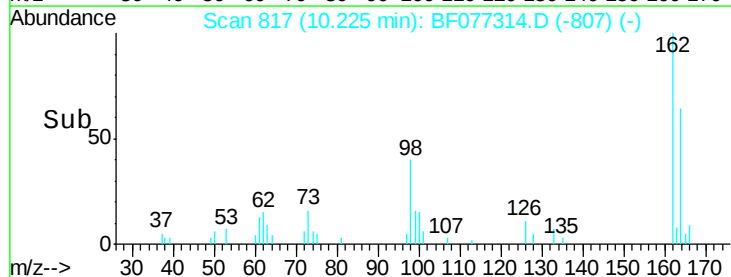
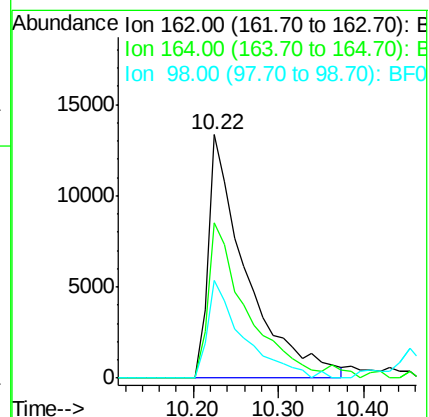
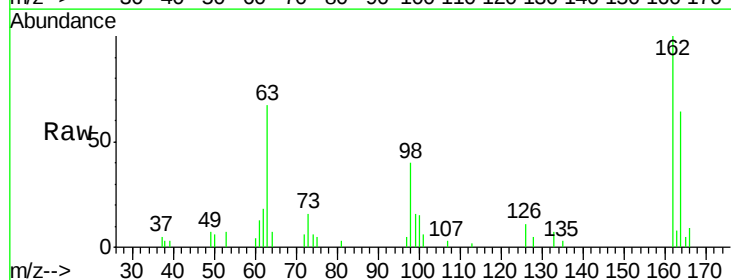
Tgt Ion: 162 Resp: 41581

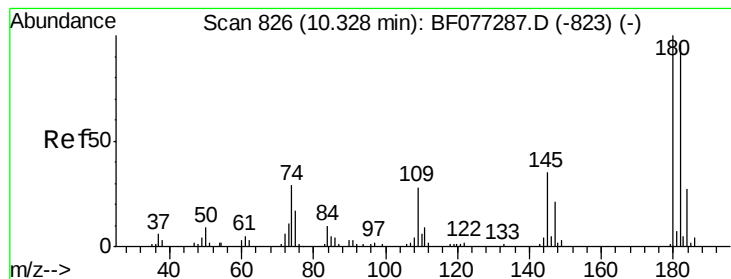
Ion Ratio Lower Upper

162 100

164 63.7 41.9 81.9

98 40.0 19.3 59.3





#30

1,2,4-Trichlorobenzene

Concen: 28.56 ng

RT: 10.33 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

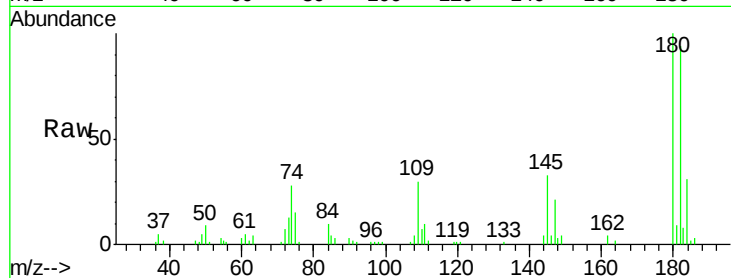
Tot Ion:180 Resp: 46612

Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.6

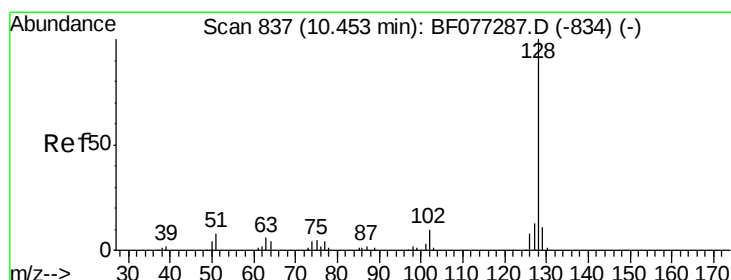
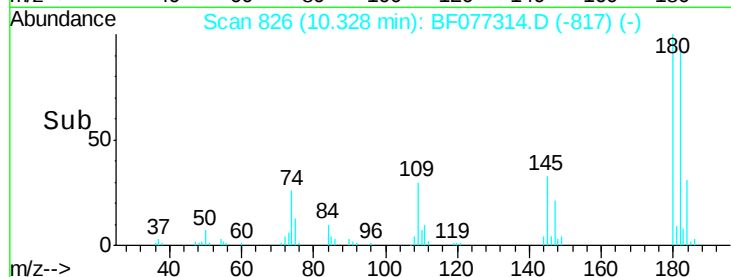
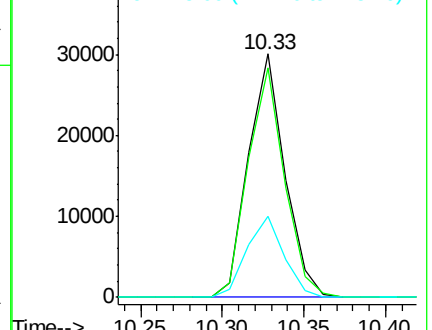
145 33.5 27.9 41.9



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: 29.34 ng

RT: 10.45 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

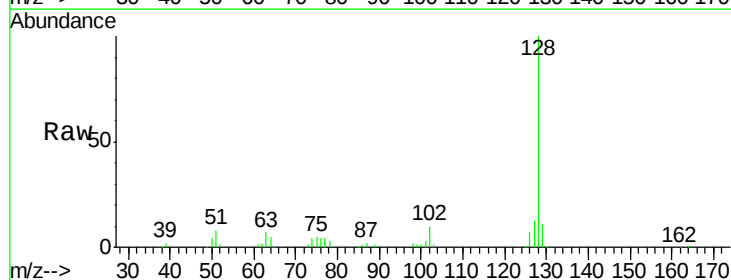
Tgt Ion:128 Resp: 161316

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

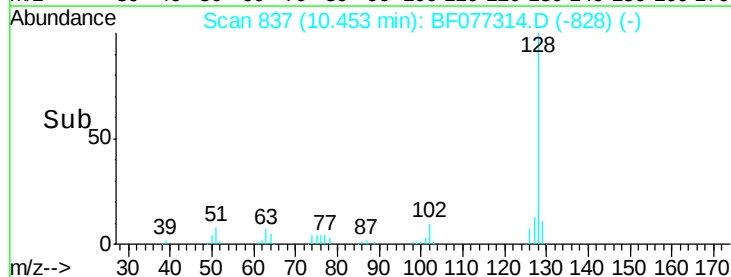
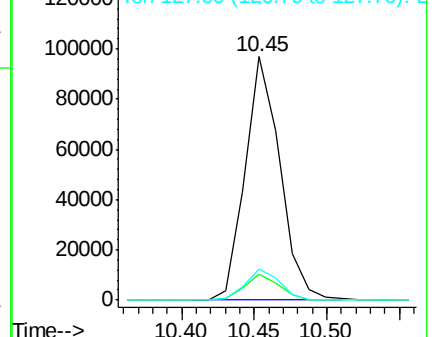
127 12.5 10.4 15.6

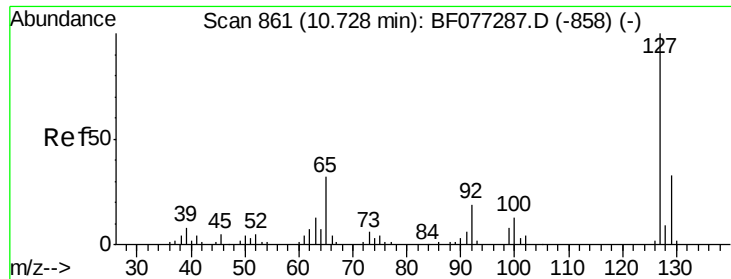


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

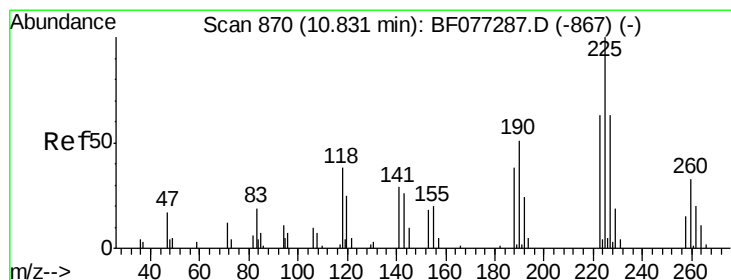
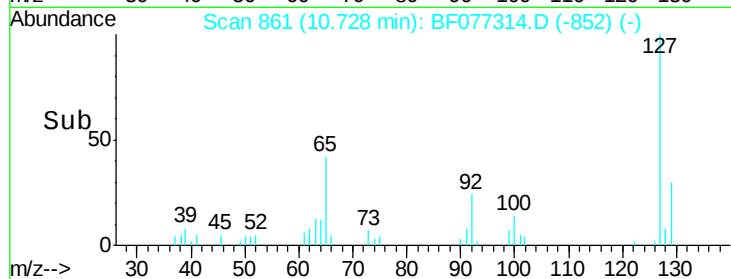
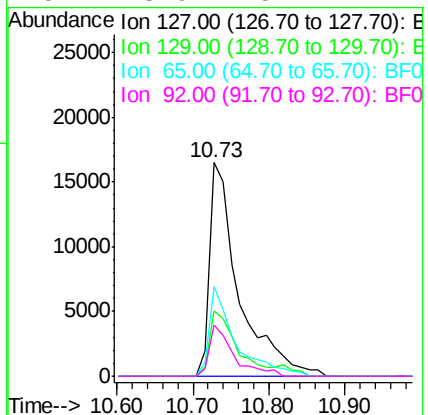
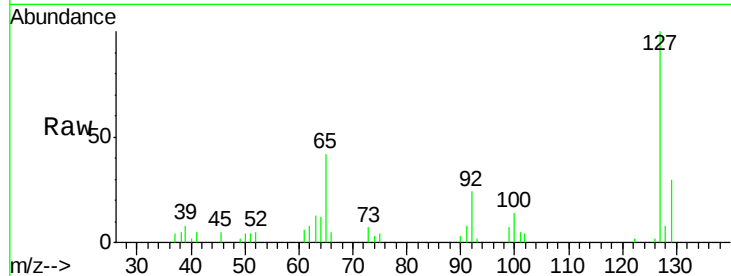




#33
4-Chloroaniline
Concen: 19.91 ng/mL
RT: 10.73 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

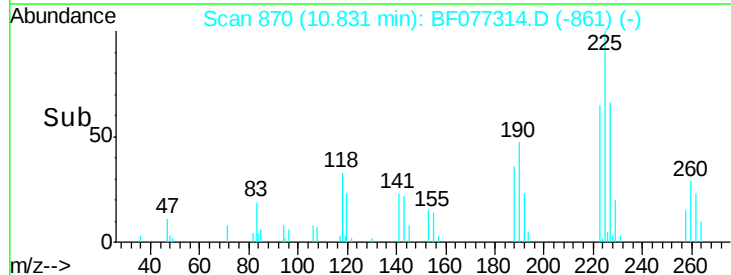
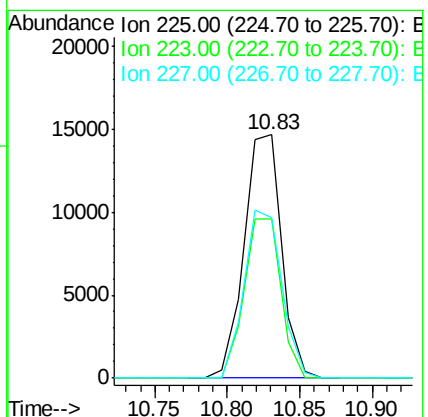
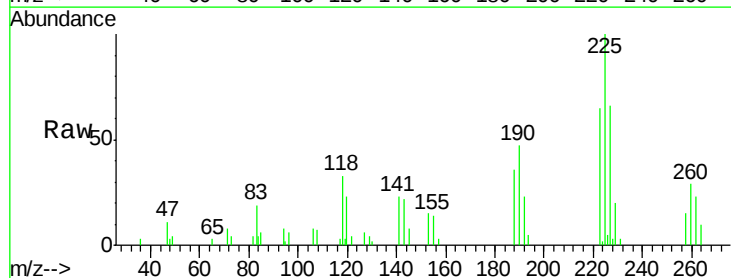
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MS

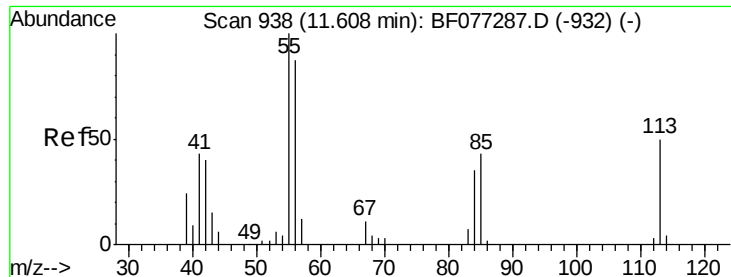
Tot Ion:	127	Resp:	44159
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.0	39.0
65	42.1	25.6	38.4
92	23.9	15.1	22.7



#34
Hexachlorobutadiene
Concen: 28.30 ng/mL
RT: 10.83 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Tgt Ion:	225	Resp:	26241
Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.2	75.4
227	66.0	50.2	75.2





#35

Caprolactam

Concen: 28.69 ng/mL

RT: 11.55 min Scan# 933

Delta R.T. -0.06 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleID :

1004-50(0-2)MS

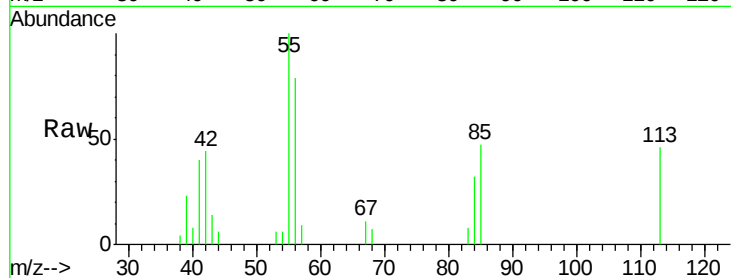
Tot Ion:113 Resp: 12529

Ion Ratio Lower Upper

113 100

55 218.2 178.4 218.4

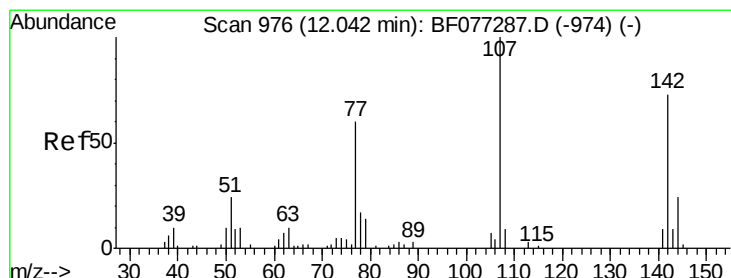
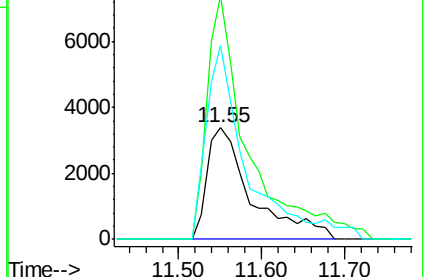
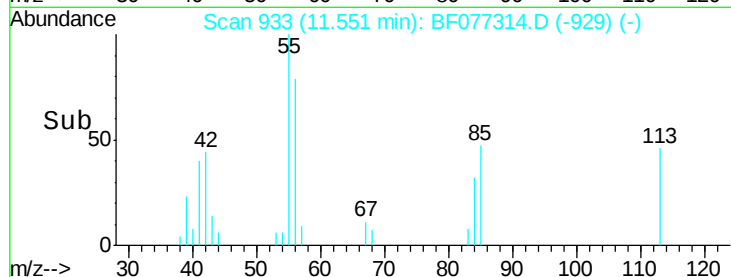
56 173.3 152.8 192.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 26.28 ng/mL

RT: 12.05 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

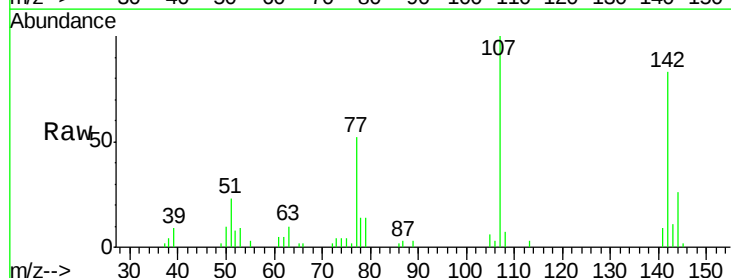
Tgt Ion:107 Resp: 42435

Ion Ratio Lower Upper

107 100

144 25.6 19.2 28.8

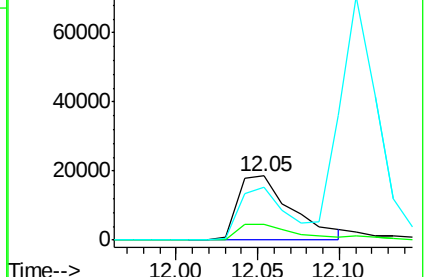
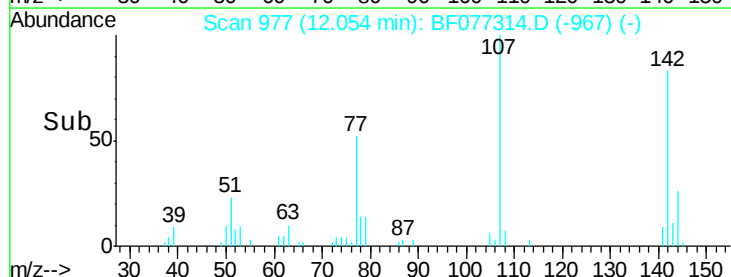
142 83.4 58.6 88.0

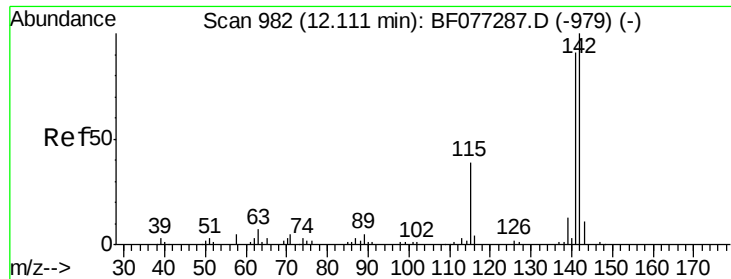


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

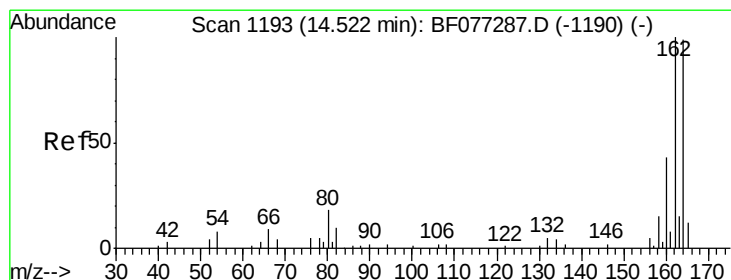
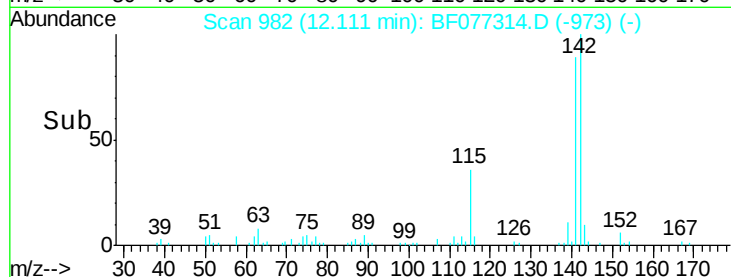
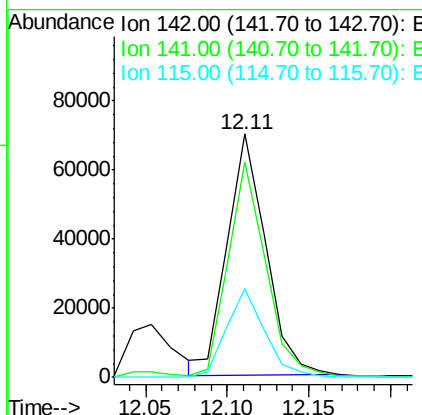
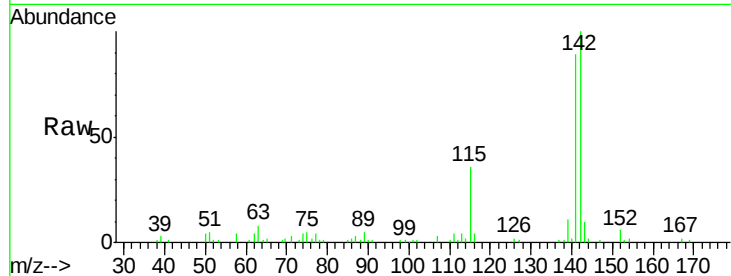




#37
2-Methylnaphthalene
Concen: 27.66 ng
RT: 12.11 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

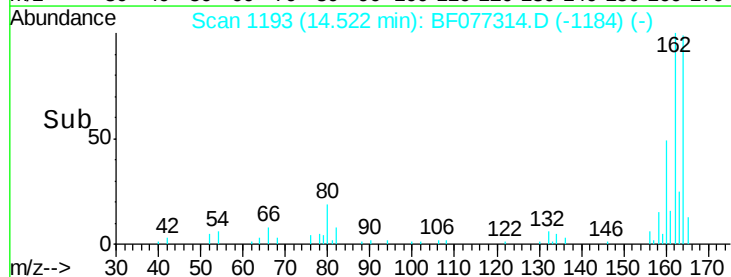
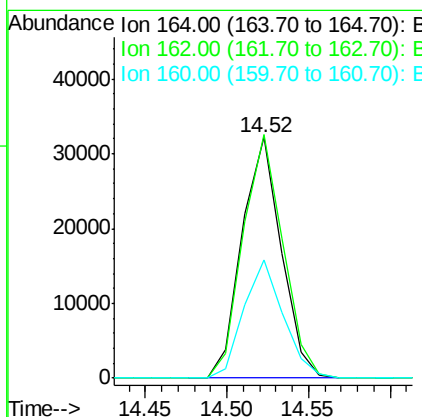
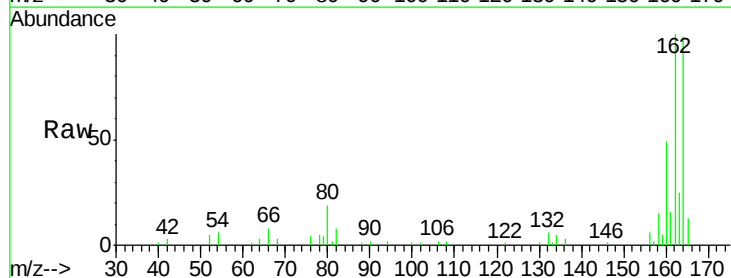
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MS

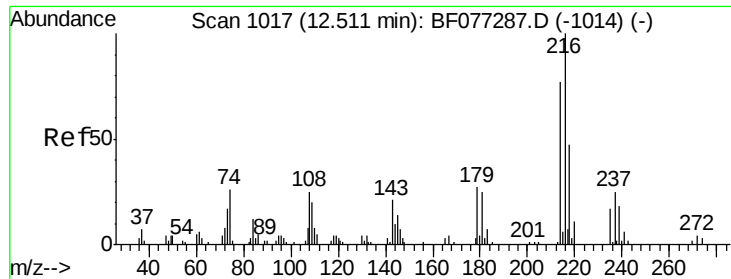
Tot Ion:142 Resp: 113993
Ion Ratio Lower Upper
142 100
141 88.5 69.8 104.6
115 36.4 29.5 44.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Tgt Ion:164 Resp: 54028
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 49.1 35.2 52.8

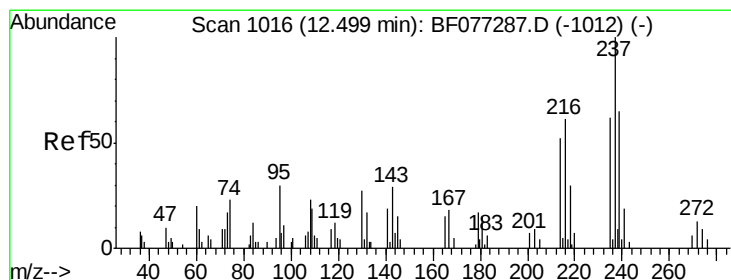
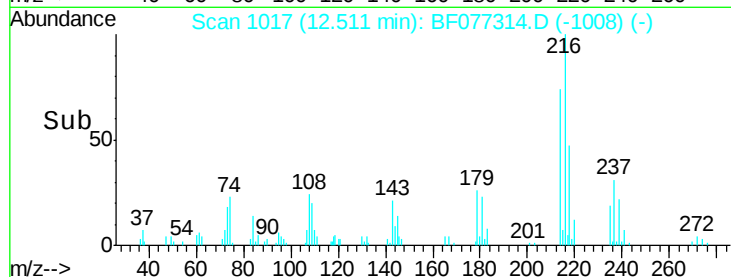
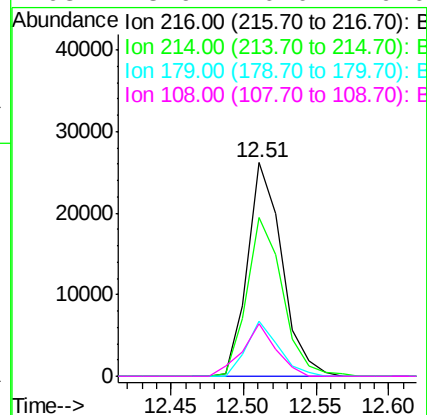
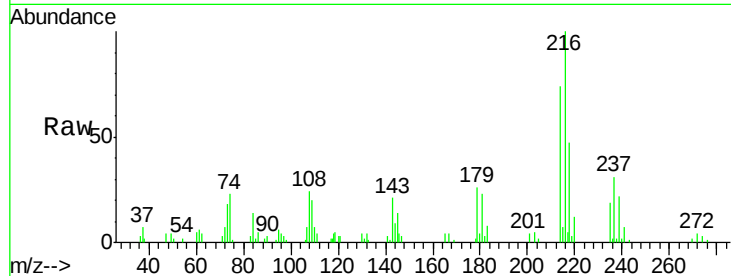




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.77 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

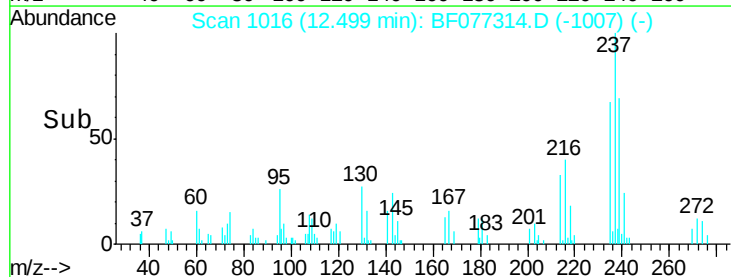
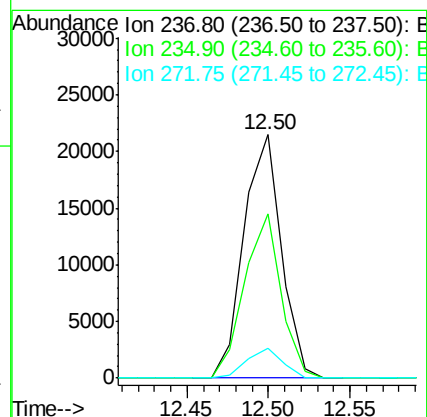
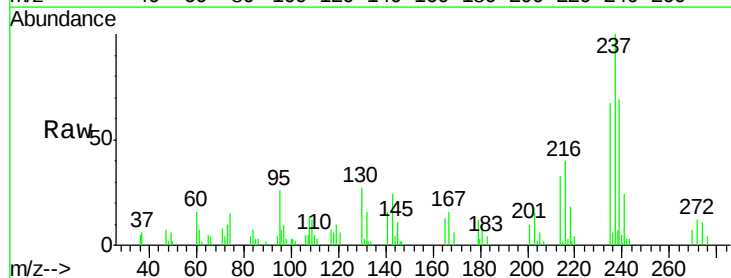
Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MS

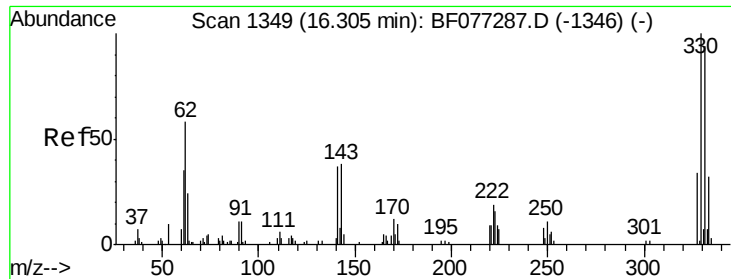
Tot Ion:	216	Resp:	43196
Ion	Ratio	Lower	Upper
216	100		
214	77.1	0.0	0.0#
179	24.0	0.0	0.0#
108	23.9	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 53.88 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Tgt Ion:	237	Resp:	34077
Ion	Ratio	Lower	Upper
237	100		
235	67.2	42.0	82.0
272	12.4	0.0	33.3

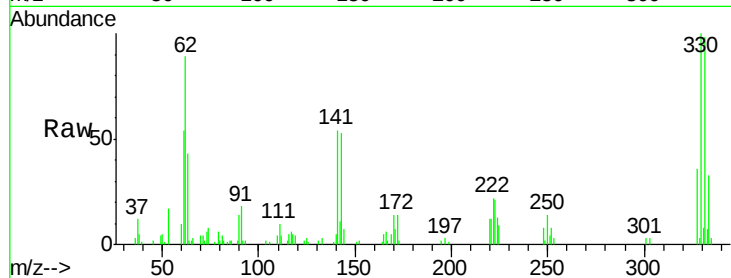




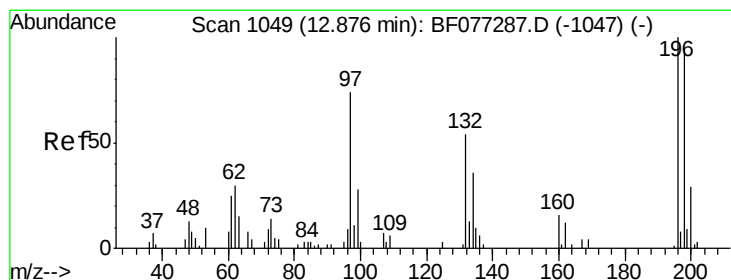
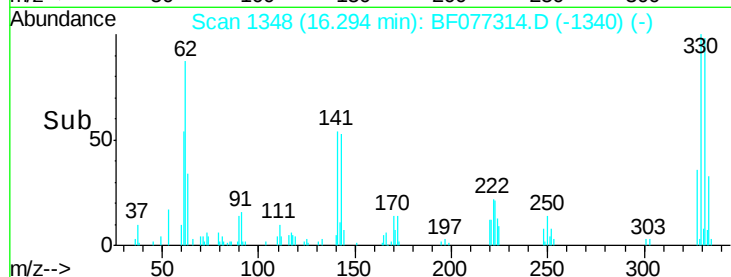
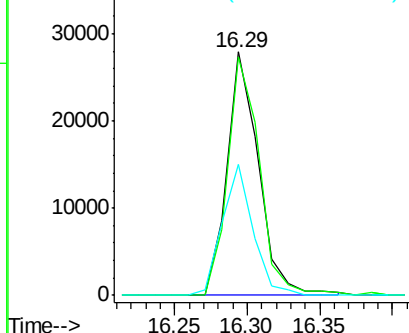
#41
 2,4,6-Tribromophenol
 Concen: 95.92 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MS

Tot Ion:330 Resp: 42258
 Ion Ratio Lower Upper
 330 100
 332 98.8 0.0 0.0#
 141 52.3 0.0 0.0#

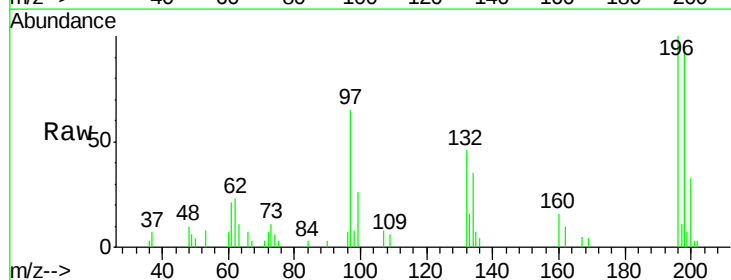


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

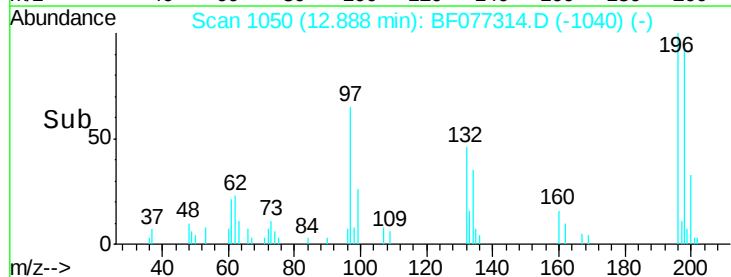
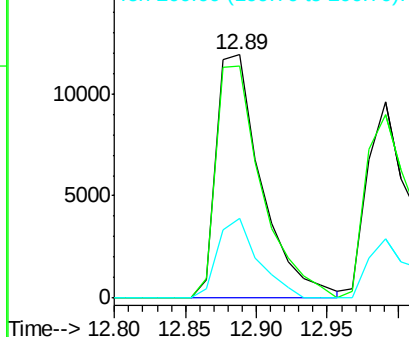


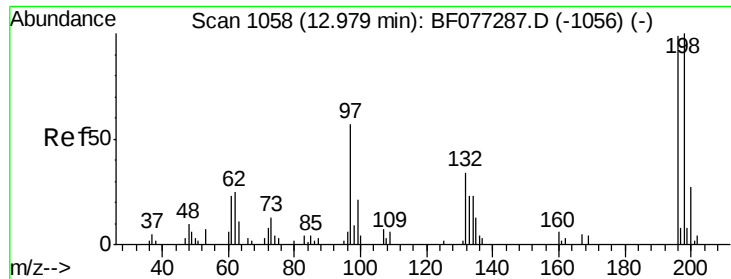
#42
 2,4,6-Trichlorophenol
 Concen: 29.81 ng m
 RT: 12.89 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Tgt Ion:196 Resp: 26516
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.8 113.8
 200 32.6 23.3 34.9



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

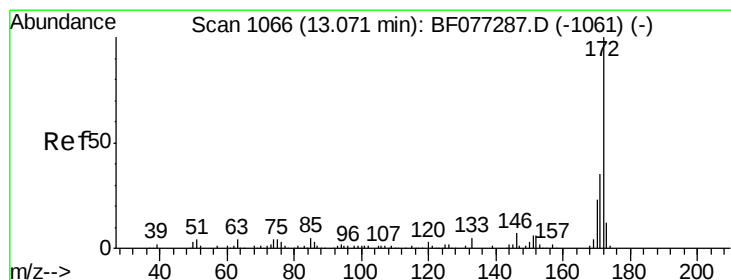
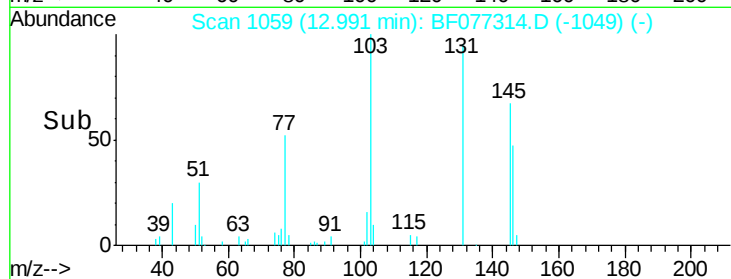
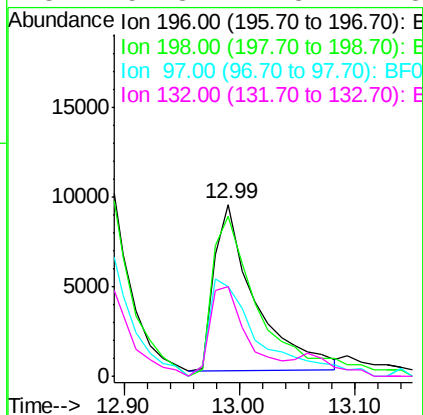
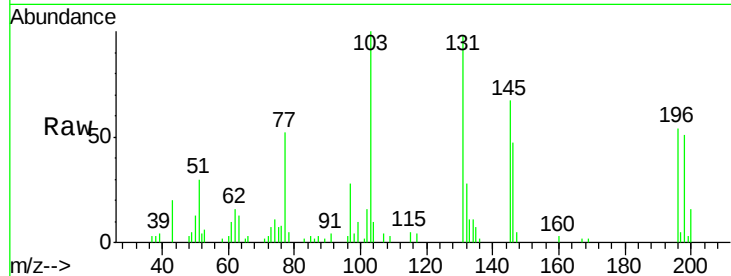




#43
 2,4,5-Trichlorophenol
 Concen: 26.28 ng/ml
 RT: 12.99 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

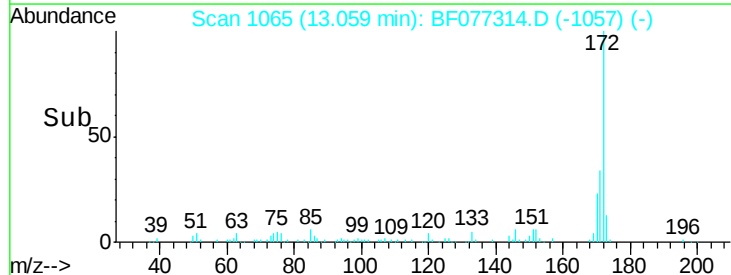
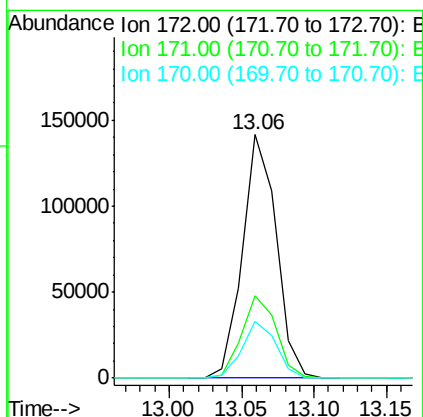
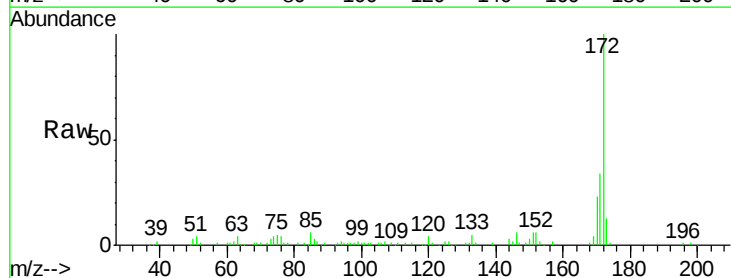
Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MS

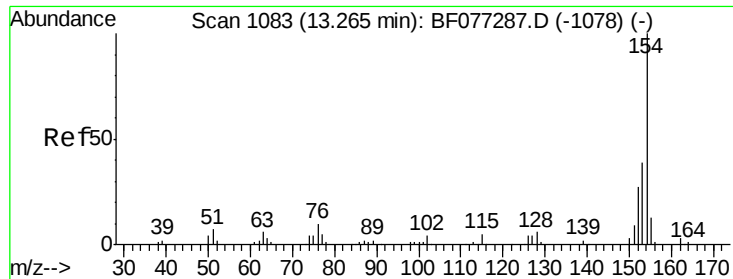
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	82.6	123.8
97	51.9	47.3	70.9
132	52.3	27.8	41.8



#44
 2-Fluorobiphenyl
 Concen: 63.55 ng/ml
 RT: 13.06 min Scan# 1065
 Delta R.T. -0.01 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.8	41.8
170	23.1	18.3	27.5

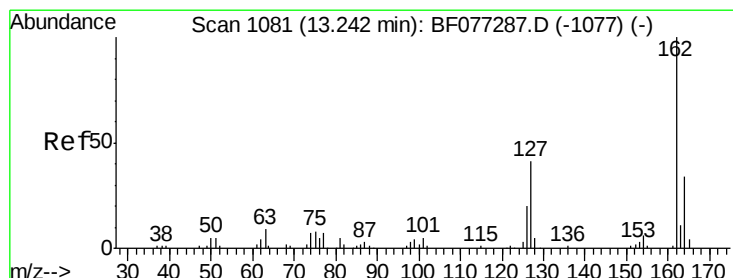
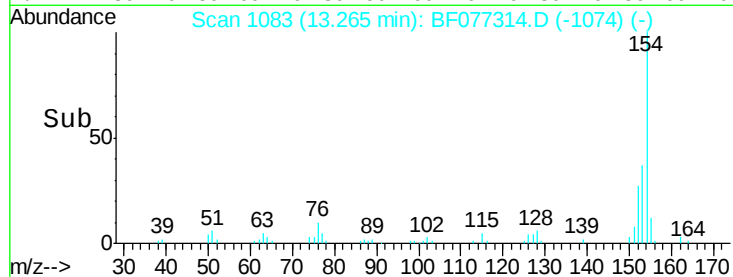
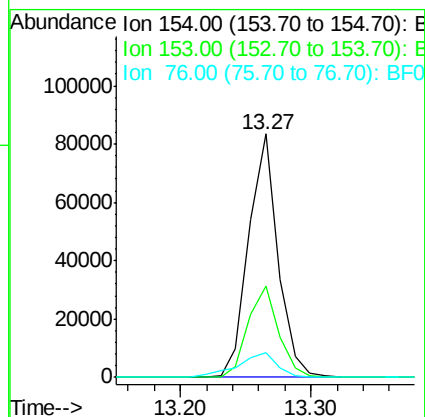
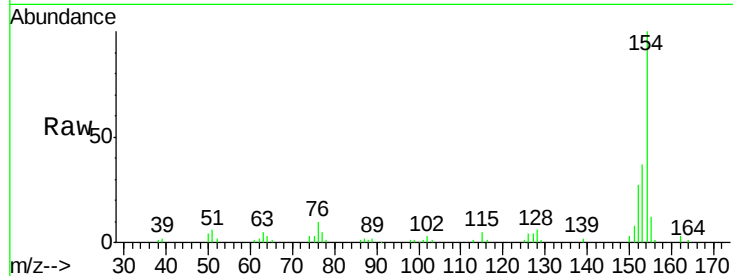




#45
 1,1'-Biphenyl
 Concen: 31.34 ng
 RT: 13.27 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

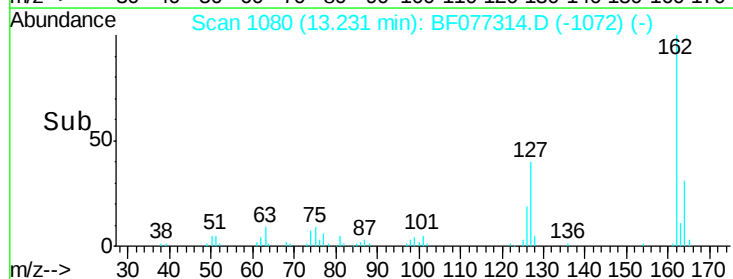
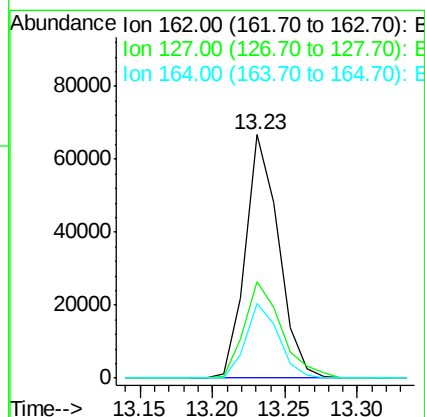
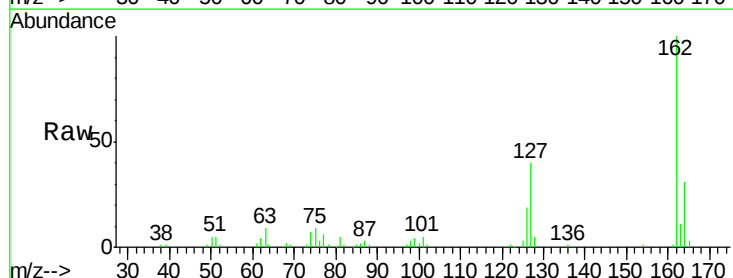
Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MS

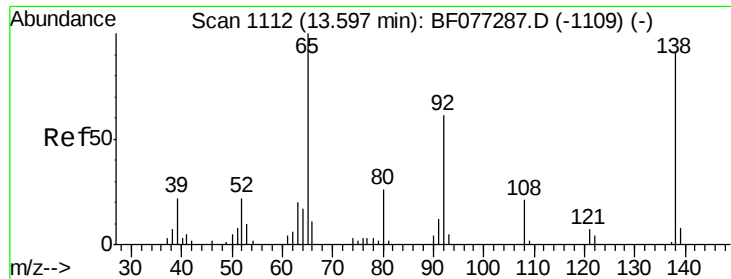
Tot Ion:154 Resp: 130484
 Ion Ratio Lower Upper
 154 100
 153 37.4 18.9 58.9
 76 10.0 0.0 30.4



#46
 2-Chloronaphthalene
 Concen: 32.00 ng
 RT: 13.23 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Tgt Ion:162 Resp: 106390
 Ion Ratio Lower Upper
 162 100
 127 39.8 32.6 48.8
 164 30.7 27.0 40.6

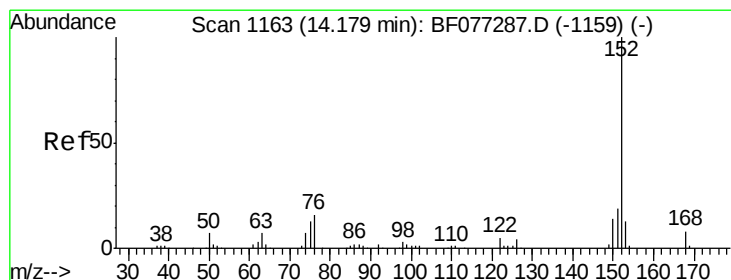
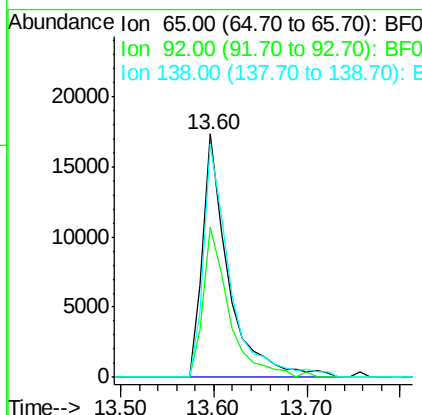
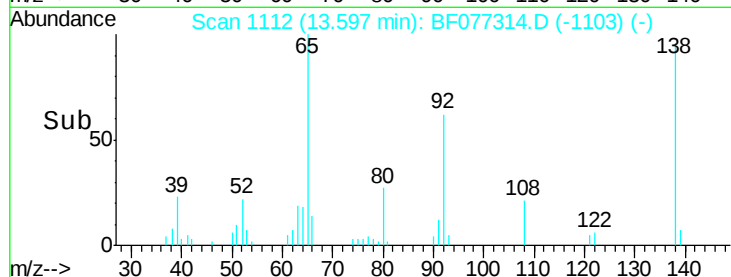
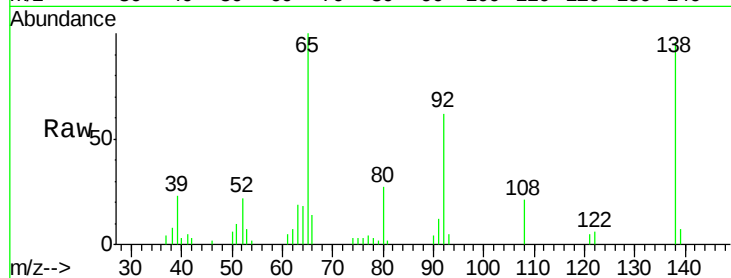




#47
2-Nitroaniline
Concen: 34.47 ng/ml
RT: 13.60 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

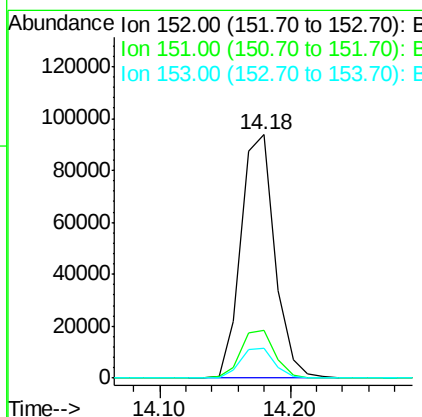
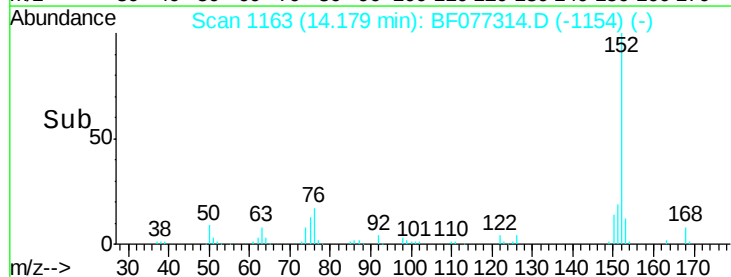
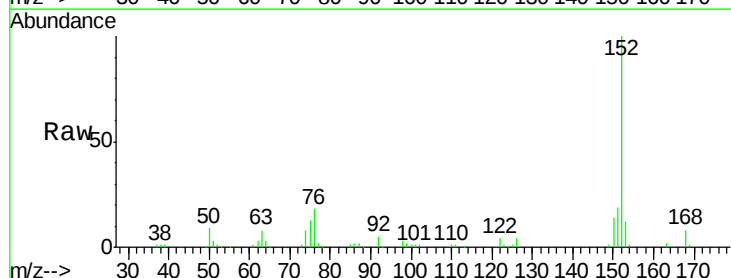
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MS

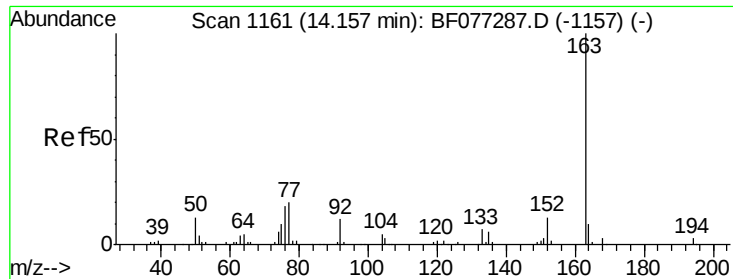
Tot Ion: 65 Resp: 33491
Ion Ratio Lower Upper
65 100
92 61.9 48.7 73.1
138 95.8 72.5 108.7



#48
Acenaphthylene
Concen: 32.33 ng/ml
RT: 14.18 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Tgt Ion: 152 Resp: 169617
Ion Ratio Lower Upper
152 100
151 19.4 15.3 22.9
153 12.2 10.2 15.2





#49

Dimethylphthalate

Concen: 35.17 ng

RT: 14.15 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

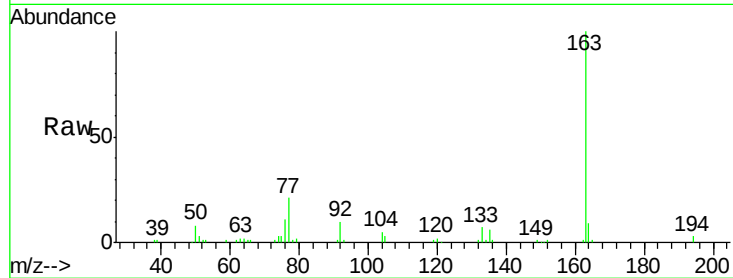
Tot Ion:163 Resp: 137404

Ion Ratio Lower Upper

163 100

194 2.8 2.3 3.5

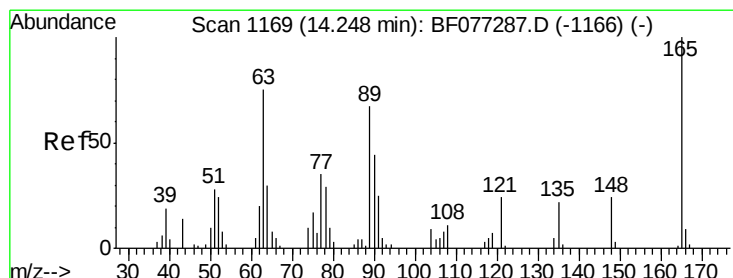
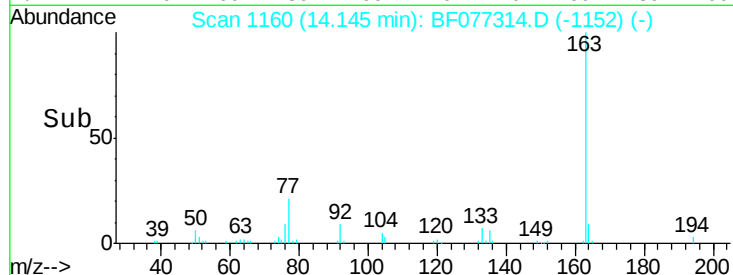
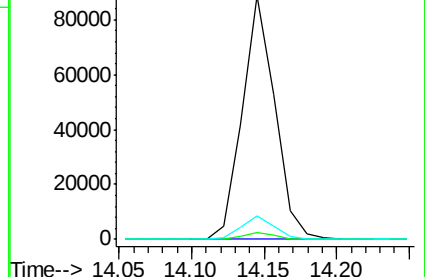
164 9.4 7.6 11.4



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: 33.89 ng

RT: 14.25 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

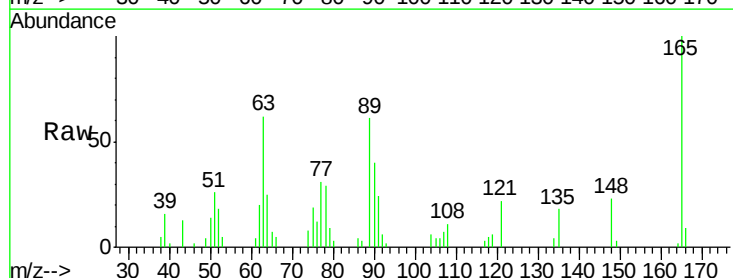
Tgt Ion:165 Resp: 25602

Ion Ratio Lower Upper

165 100

63 62.3 61.2 91.8

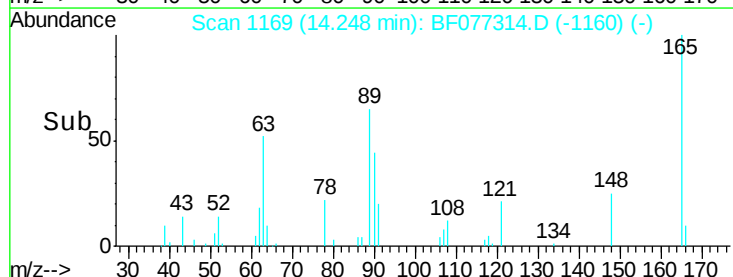
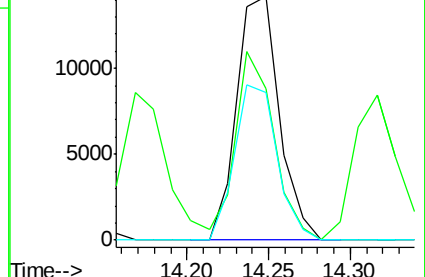
89 60.6 53.7 80.5

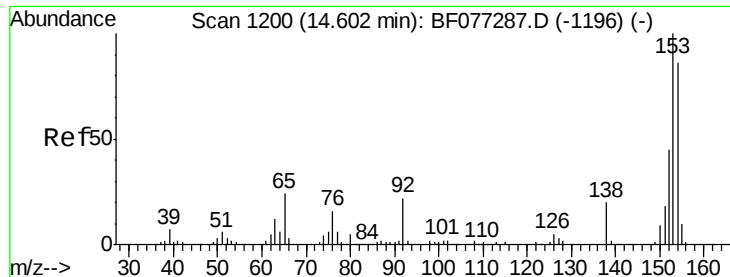


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.68 ng

RT: 14.59 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

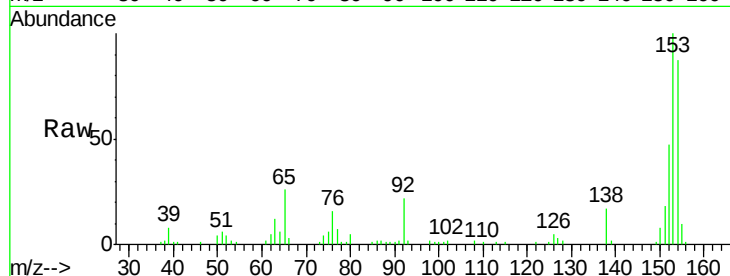
Tot Ion:154 Resp: 93207

Ion Ratio Lower Upper

154 100

153 114.9 92.5 138.7

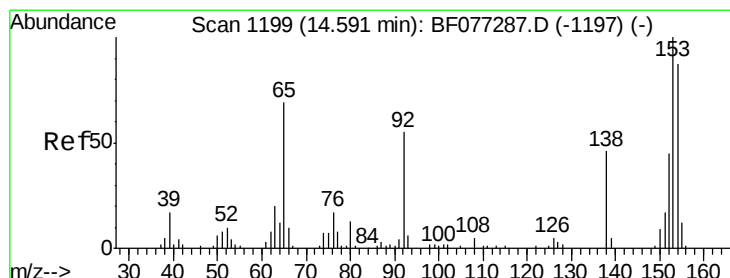
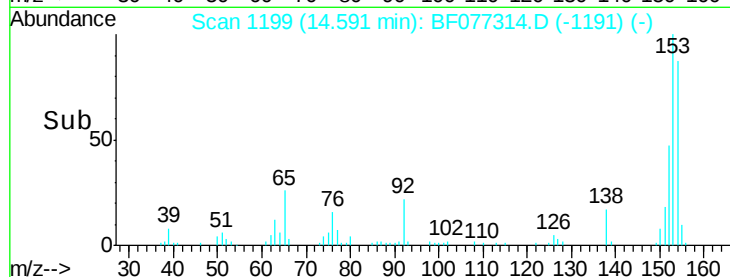
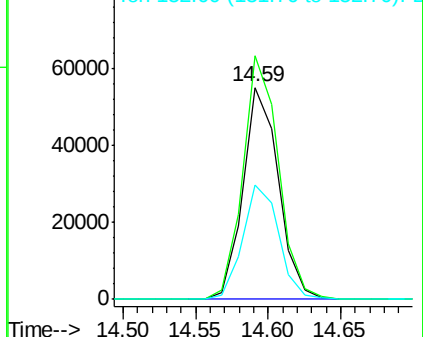
152 53.7 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.44 ng m

RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

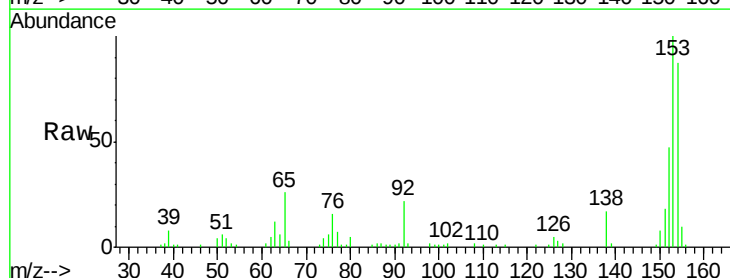
Tgt Ion:138 Resp: 26285

Ion Ratio Lower Upper

138 100

108 10.0 9.5 14.3

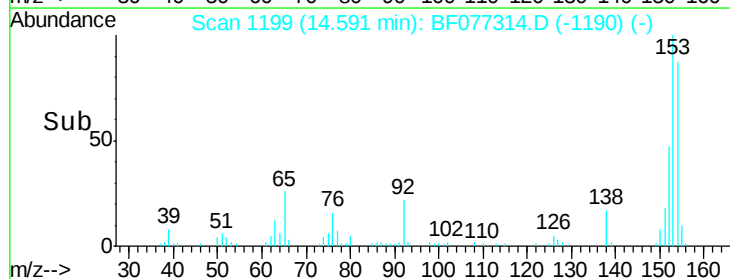
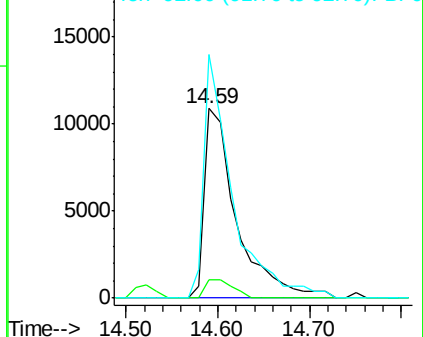
92 128.4 95.8 143.6

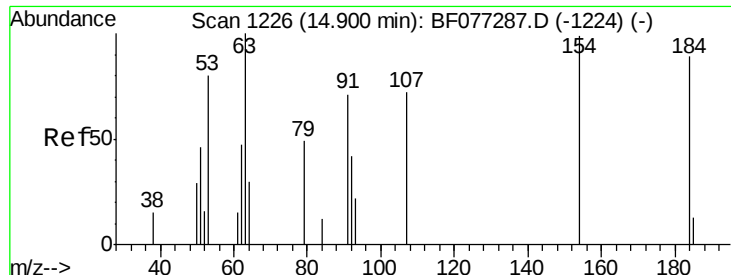


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

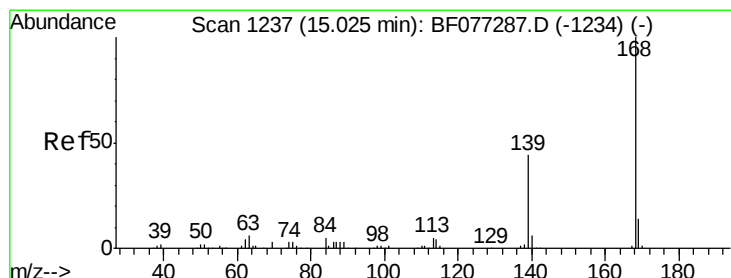
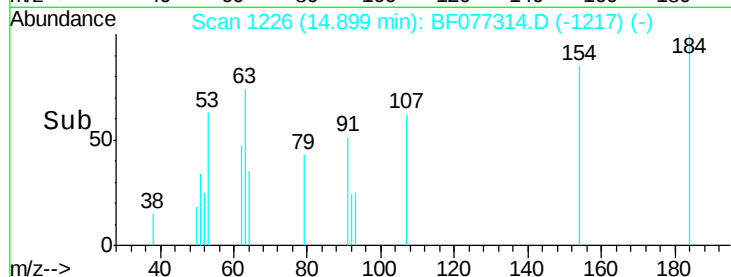
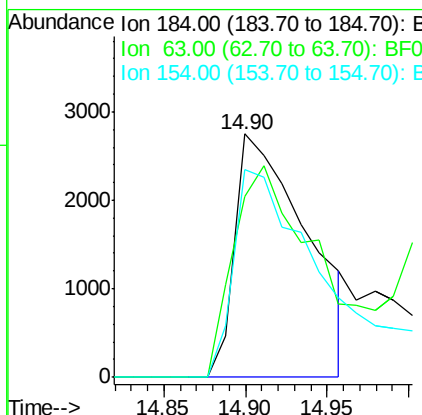
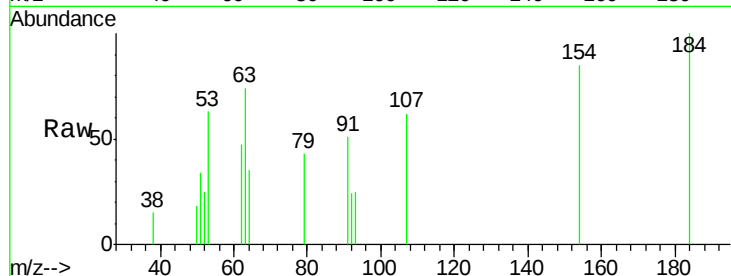




#53
 2,4-Dinitrophenol
 Concen: 42.96 ng
 RT: 14.90 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

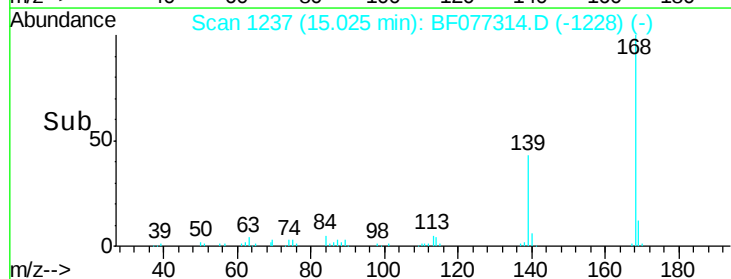
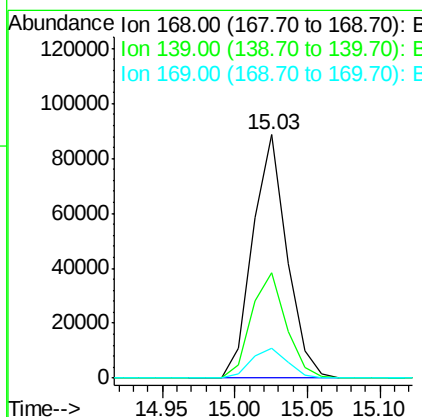
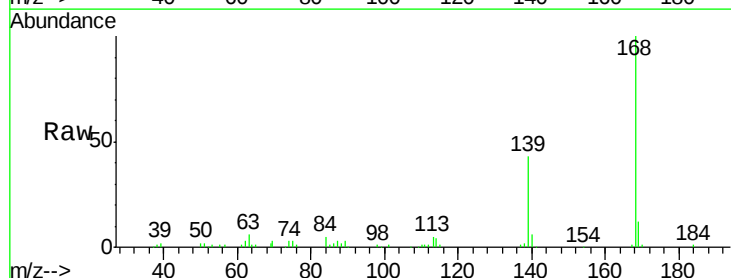
Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MS

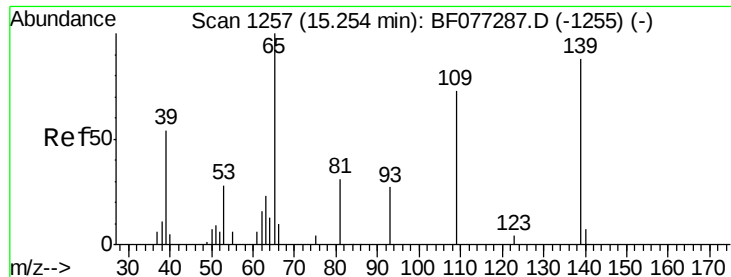
Tot Ion:184 Resp: 8397
 Ion Ratio Lower Upper
 184 100
 63 74.4 90.2 135.4#
 154 85.3 89.7 134.5#



#54
 Dibenzofuran
 Concen: 30.86 ng
 RT: 15.03 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Tgt Ion:168 Resp: 144980
 Ion Ratio Lower Upper
 168 100
 139 43.2 35.6 53.4
 169 12.4 10.9 16.3

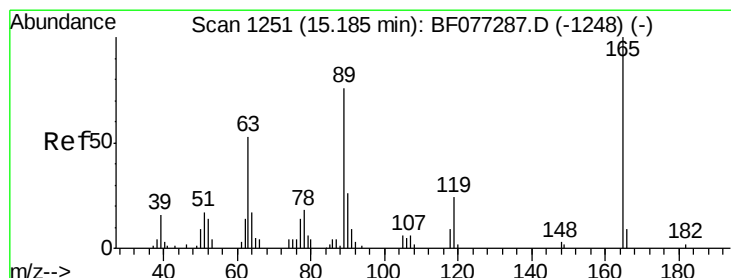
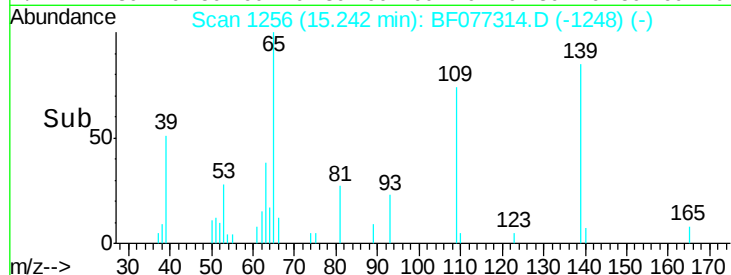
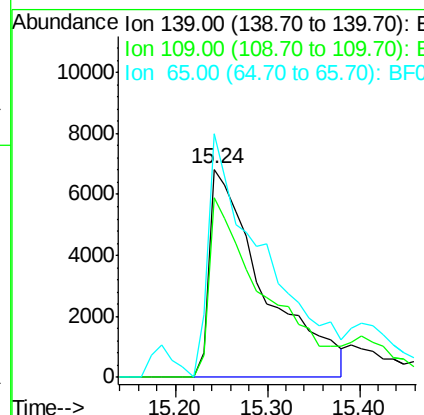
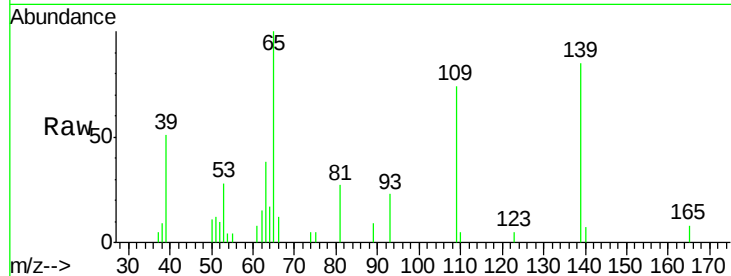




#55
4-Nitrophenol
Concen: 62.40 ng/mL
RT: 15.24 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

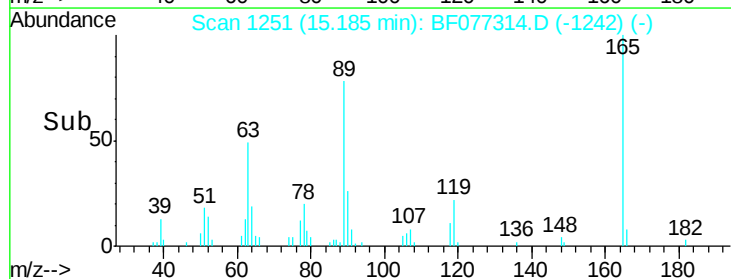
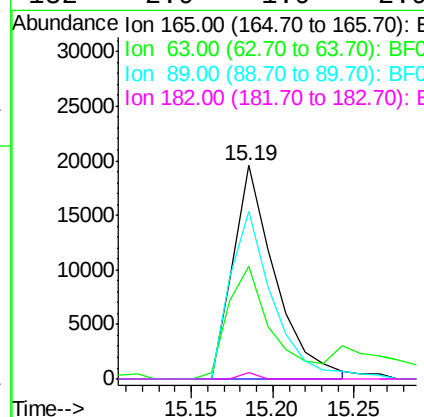
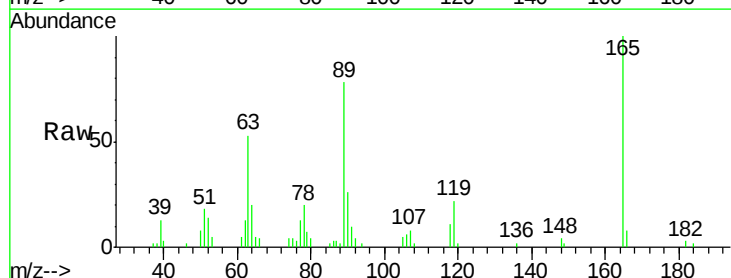
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MS

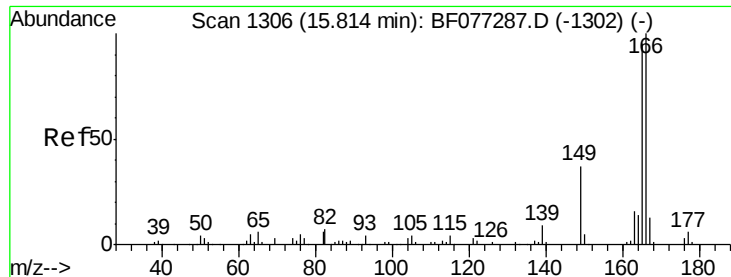
Tot Ion:139 Resp: 28066
Ion Ratio Lower Upper
139 100
109 86.1 62.7 102.7
65 117.0 93.5 133.5



#56
2,4-Dinitrotoluene
Concen: 32.53 ng/mL
RT: 15.19 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Tgt Ion:165 Resp: 35030
Ion Ratio Lower Upper
165 100
63 52.5 42.4 63.6
89 78.4 61.1 91.7
182 2.9 1.9 2.9#

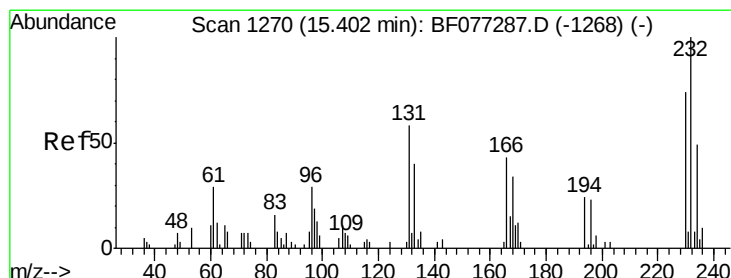
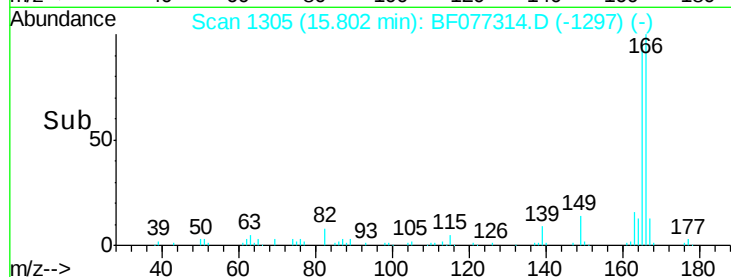
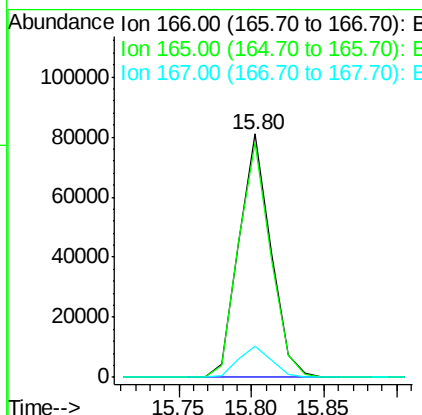
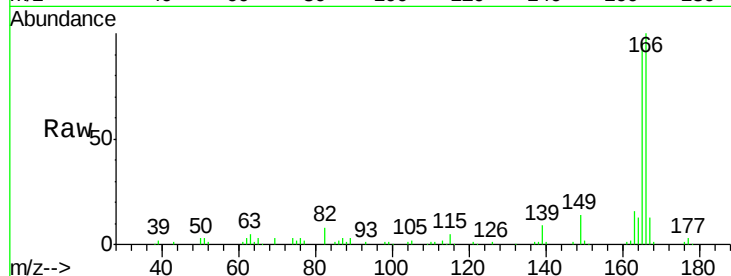




#57
Fluorene
 Concen: 32.01 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

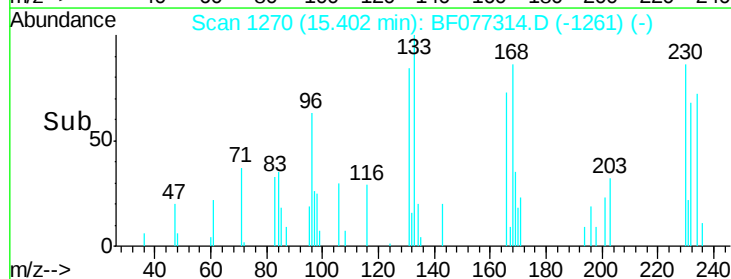
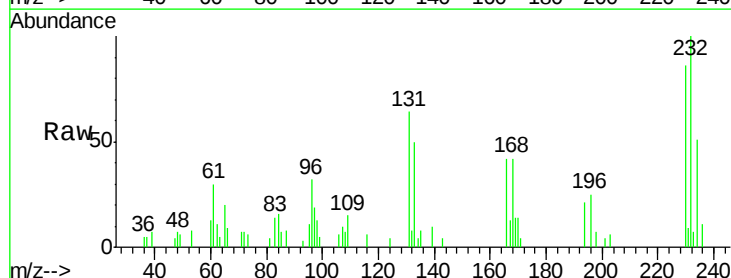
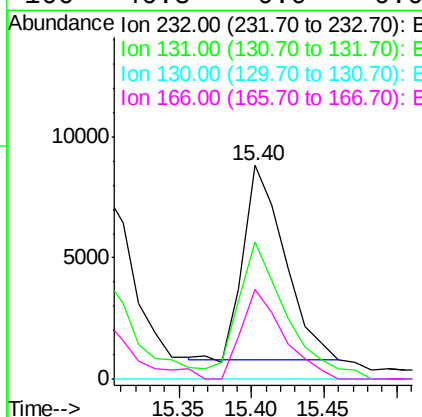
Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MS

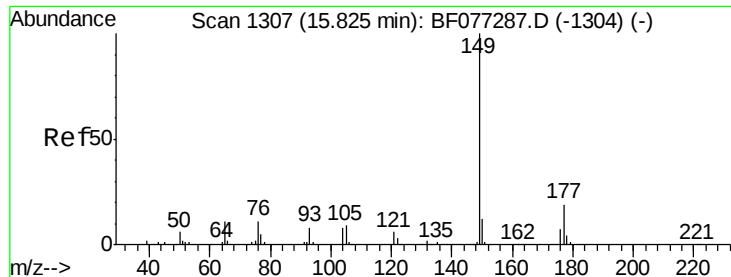
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.3	75.9	113.9
167	13.0	10.2	15.4



#58
2,3,4,6-Tetrachlorophenol
 Concen: 26.75 ng
 RT: 15.40 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Tgt Ion	Ratio	Lower	Upper
232	100		
231	66.0	0.0	0.0#
130	0.0	0.0	0.0
166	46.8	0.0	0.0#

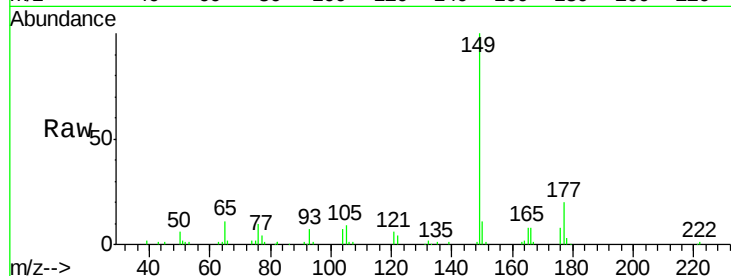




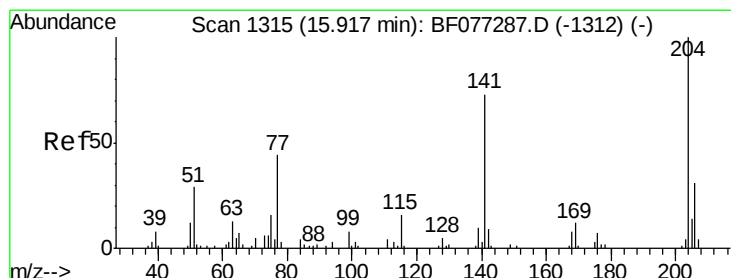
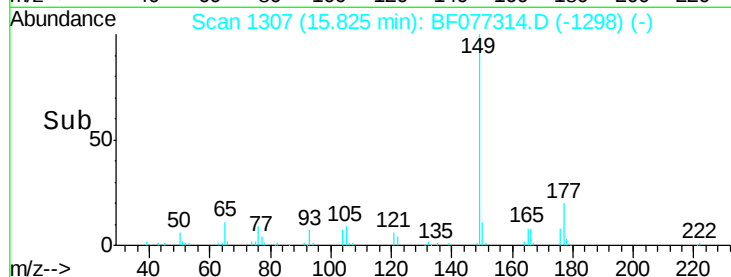
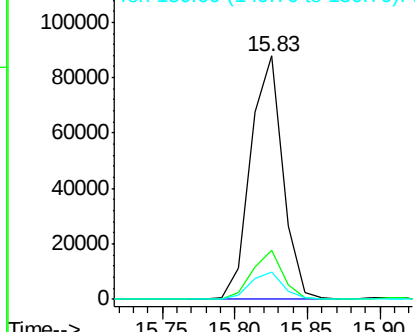
#59
Diethylphthalate
Concen: 33.12 ng
RT: 15.83 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MS

Tot Ion:149 Resp: 134756
Ion Ratio Lower Upper
149 100
177 20.0 15.0 22.4
150 11.2 9.4 14.2

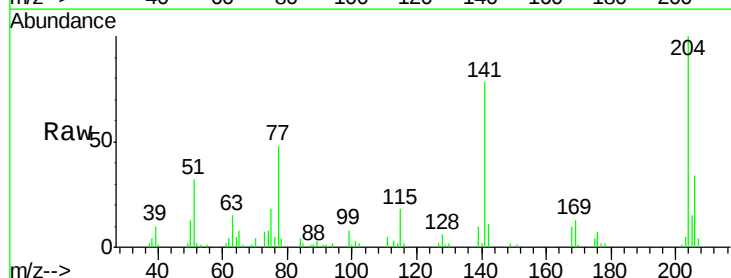


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

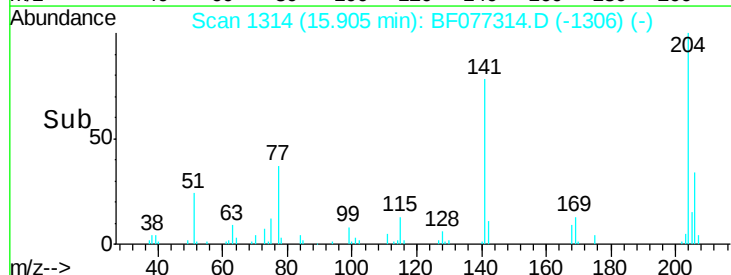
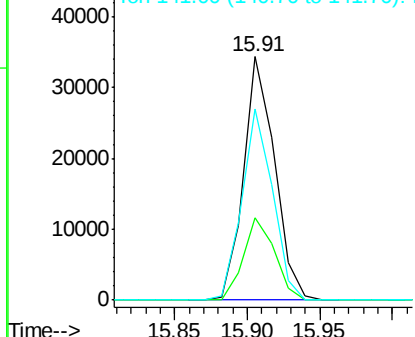


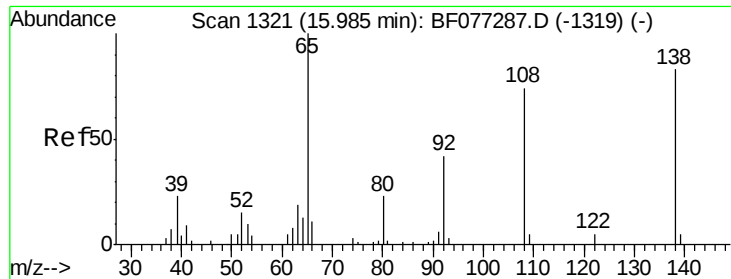
#60
4-Chlorophenyl-phenylether
Concen: 31.90 ng
RT: 15.91 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Tgt Ion:204 Resp: 51010
Ion Ratio Lower Upper
204 100
206 34.1 25.0 37.6
141 78.3 58.6 87.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

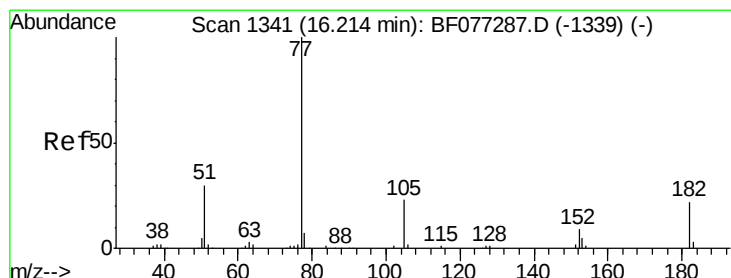
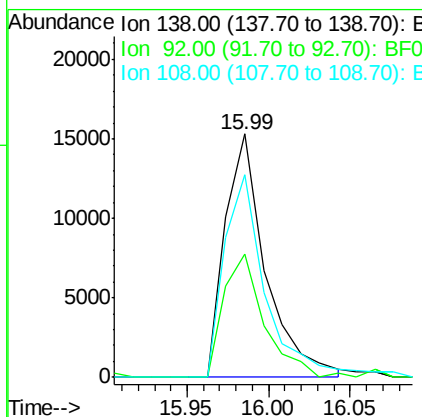
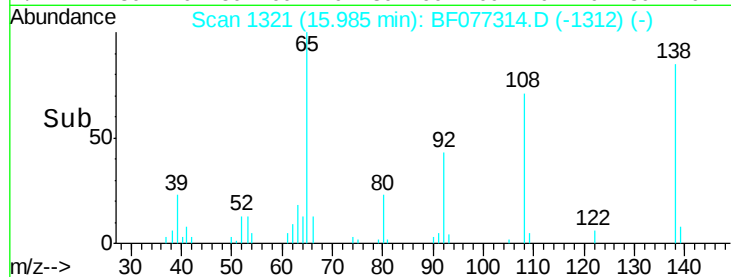
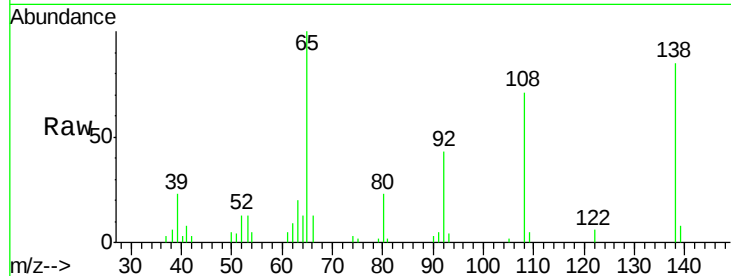




#61
 4-Nitroaniline
 Concen: 30.52 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

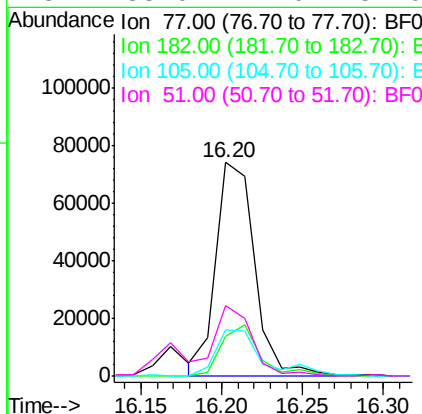
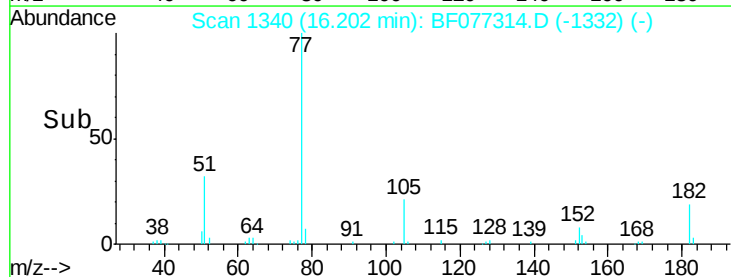
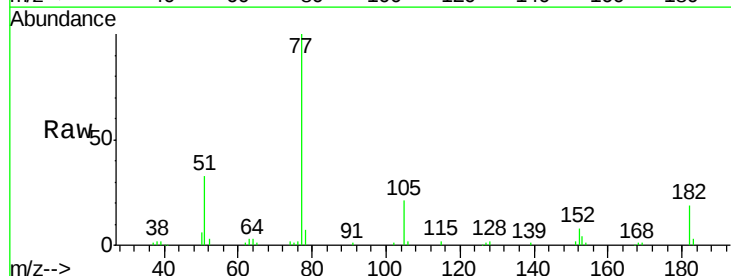
Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MS

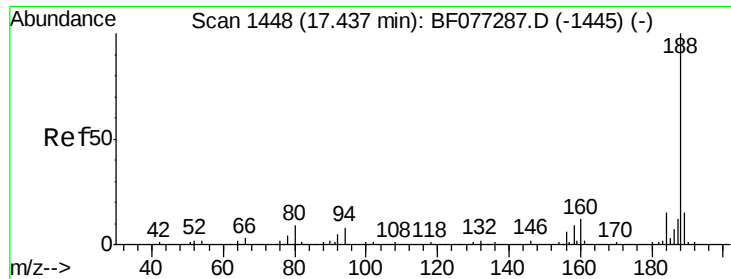
Tot Ion:138 Resp: 26370
 Ion Ratio Lower Upper
 138 100
 92 50.5 30.7 70.7
 108 83.1 69.7 109.7



#62
 Azobenzene
 Concen: 31.97 ng m
 RT: 16.20 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Tgt Ion: 77 Resp: 124061
 Ion Ratio Lower Upper
 77 100
 182 18.9 0.9 40.9
 105 21.4 2.2 42.2
 51 33.0 12.0 52.0

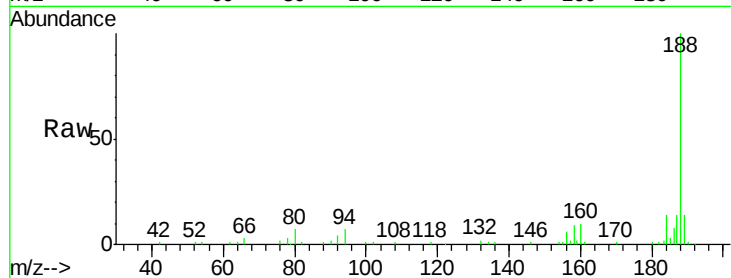




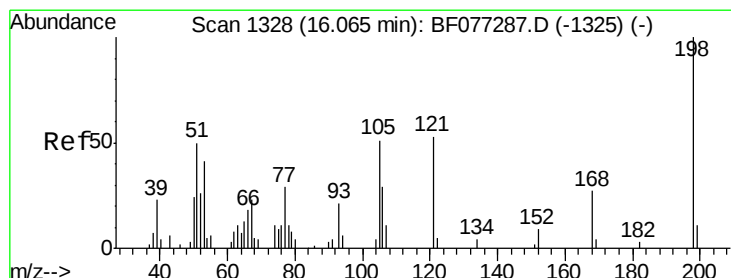
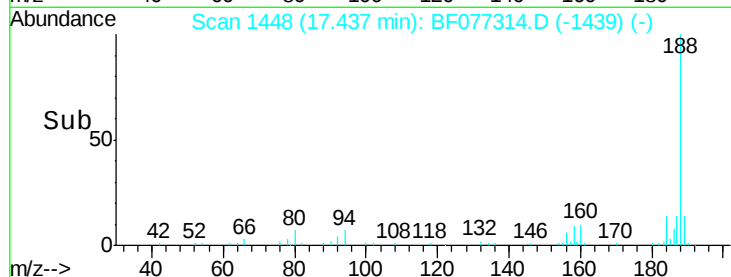
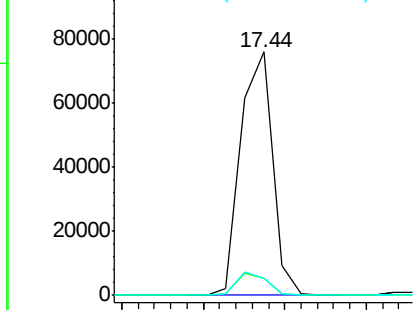
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.44 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MS

Tot Ion:188 Resp: 102574
 Ion Ratio Lower Upper
 188 100
 94 6.8 6.5 9.7
 80 7.0 7.1 10.7#

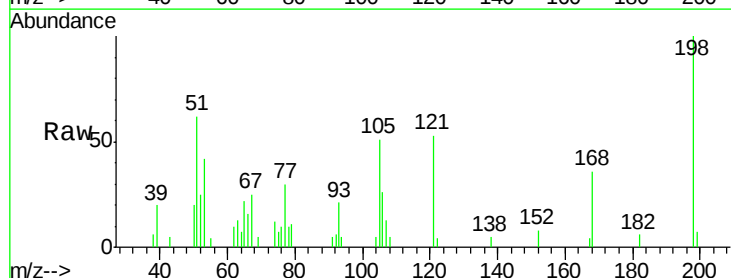


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

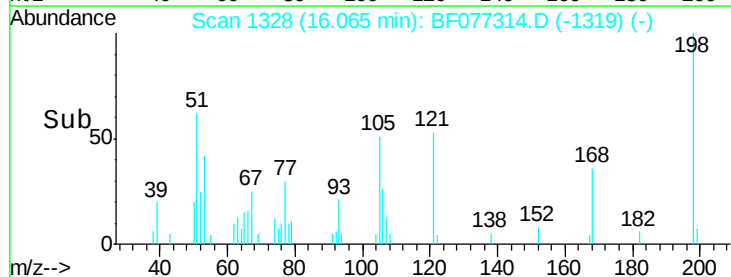
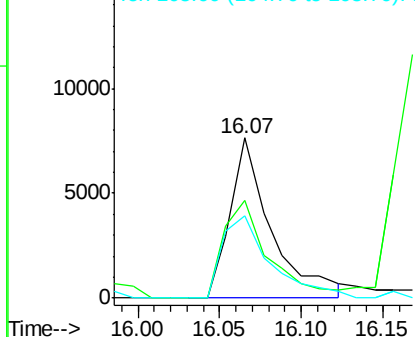


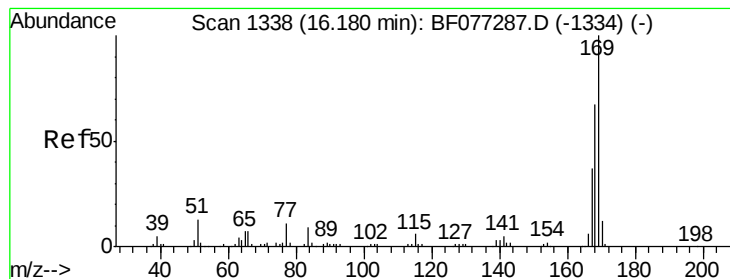
#64
 4,6-Dinitro-2-methylphenol
 Concen: 26.23 ng
 RT: 16.07 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Tgt Ion:198 Resp: 13358
 Ion Ratio Lower Upper
 198 100
 51 61.5 33.8 73.8
 105 51.5 30.9 70.9



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: 28.30 ng

RT: 16.17 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

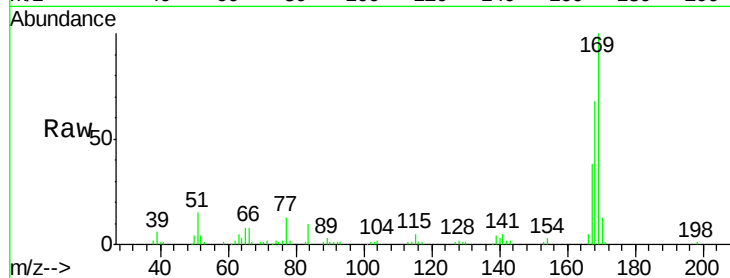
Tot Ion:169 Resp: 103525

Ion Ratio Lower Upper

169 100

168 68.0 53.9 80.9

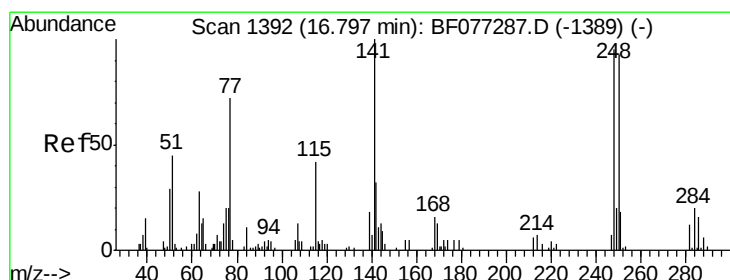
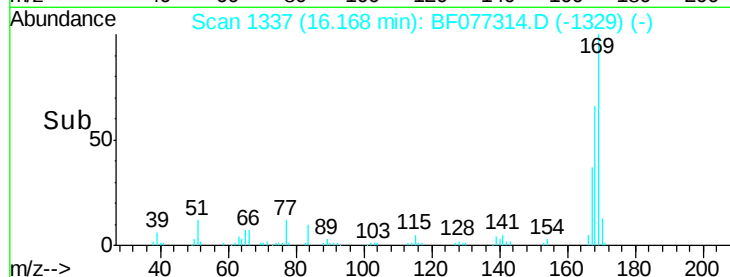
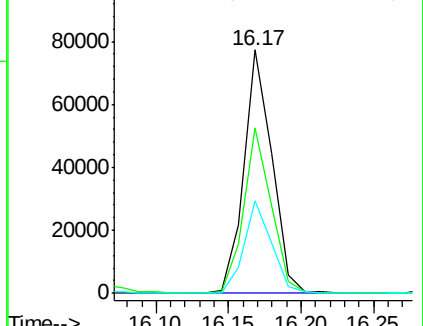
167 38.0 29.6 44.4



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: 26.69 ng

RT: 16.80 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

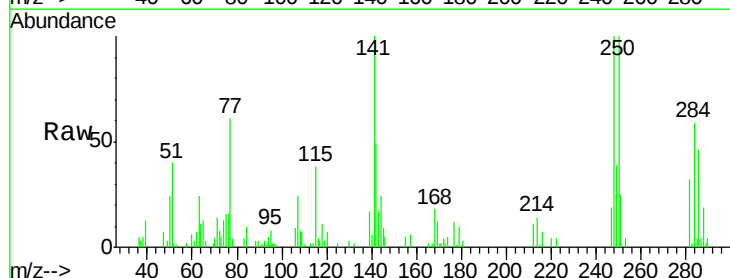
Tgt Ion:248 Resp: 28607

Ion Ratio Lower Upper

248 100

250 100.4 77.8 116.8

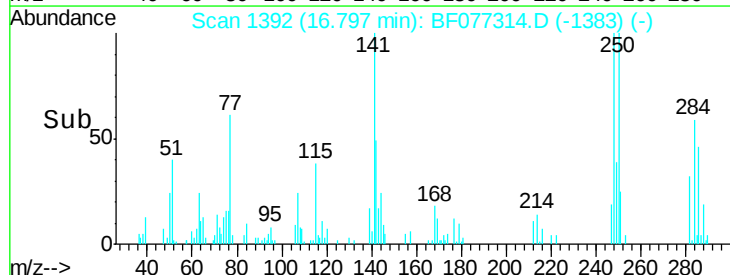
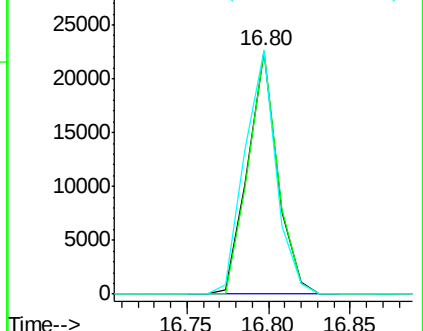
141 100.4 83.8 125.6

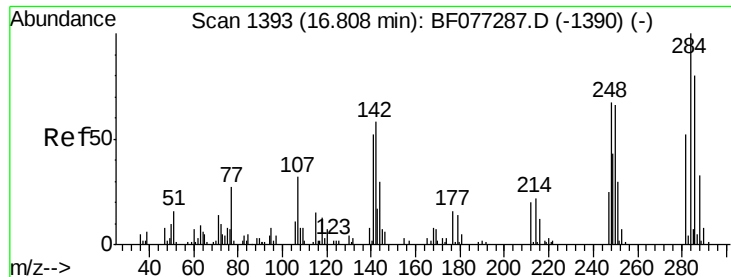


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

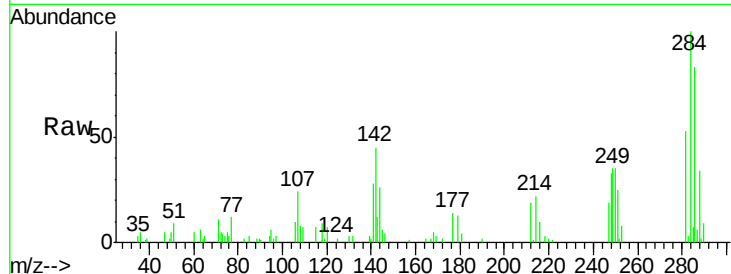




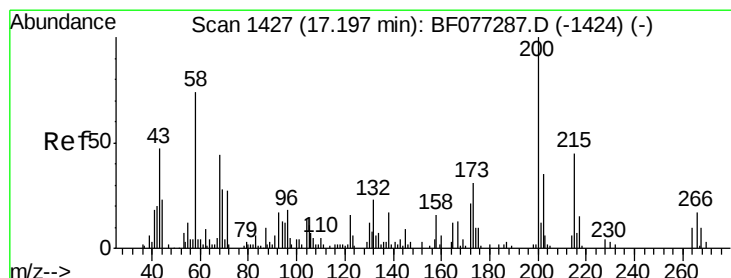
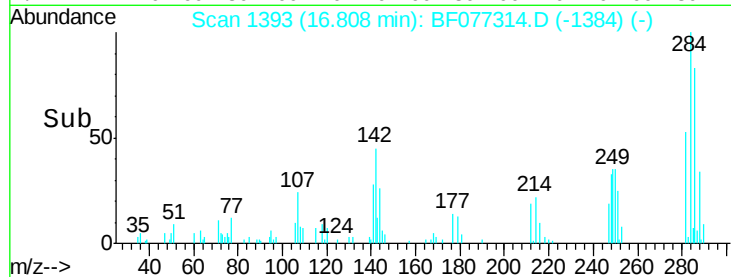
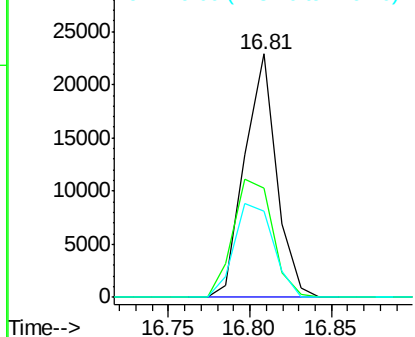
#67
Hexachlorobenzene
Concen: 28.49 ng
RT: 16.81 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MS

Tot Ion:284 Resp: 31096
Ion Ratio Lower Upper
284 100
142 44.7 46.2 69.4#
249 35.4 34.5 51.7

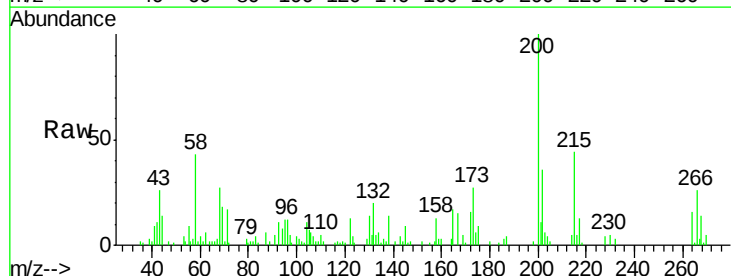


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

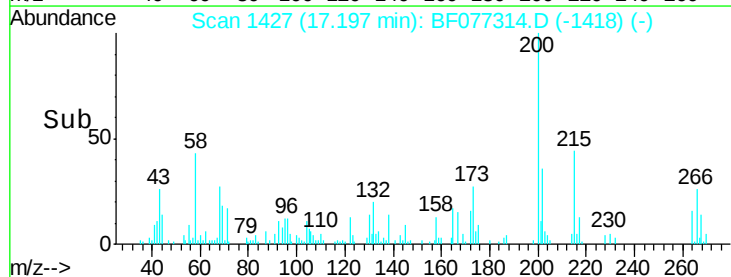
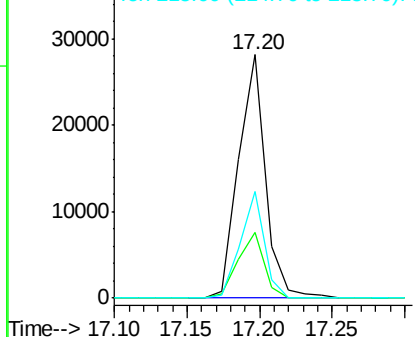


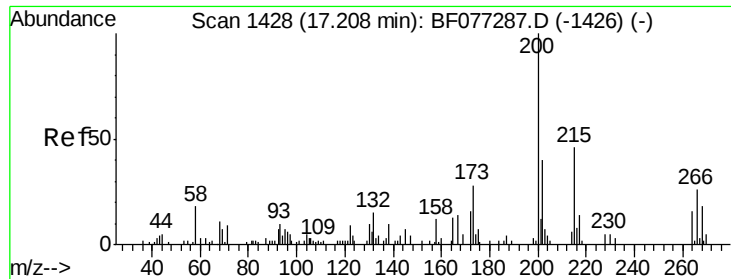
#68
Atrazine
Concen: 31.34 ng
RT: 17.20 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Tgt Ion:200 Resp: 36317
Ion Ratio Lower Upper
200 100
173 26.8 11.3 51.3
215 43.8 25.3 65.3



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

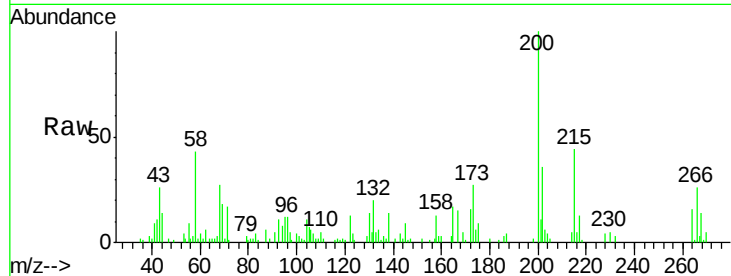




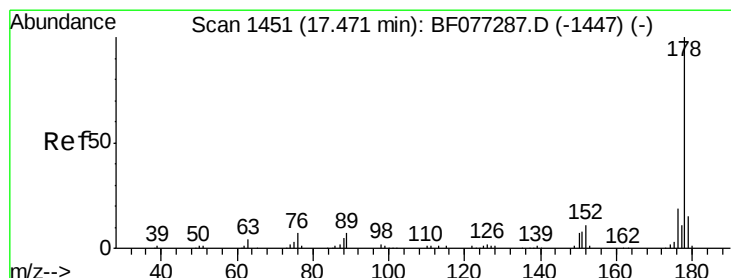
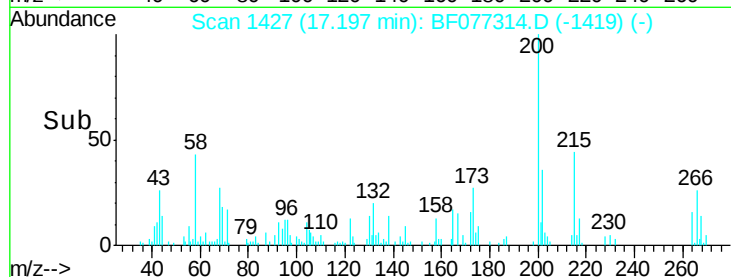
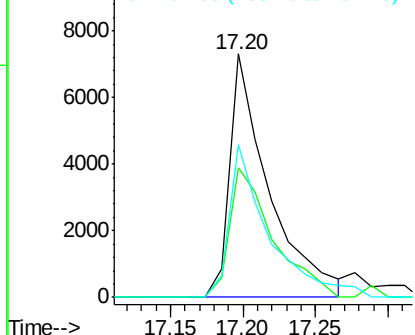
#69
 Pentachlorophenol
 Concen: 45.24 ng
 RT: 17.20 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MS

Tot Ion:266 Resp: 13680
 Ion Ratio Lower Upper
 266 100
 268 53.0 55.0 82.6#
 264 62.5 49.5 74.3

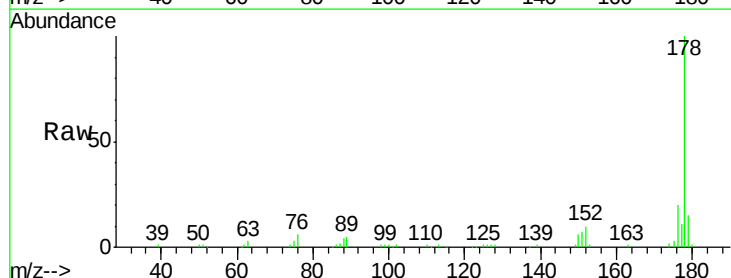


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

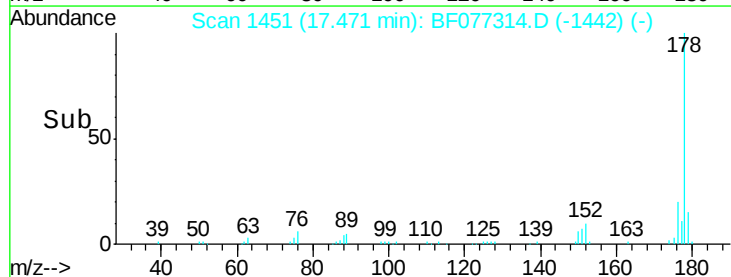
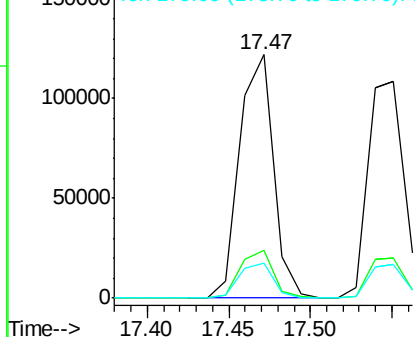


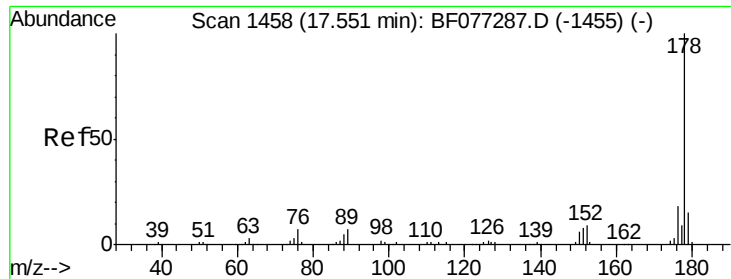
#70
 Phenanthrene
 Concen: 28.30 ng
 RT: 17.47 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Tgt Ion:178 Resp: 175074
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.2 22.8
 179 14.6 12.1 18.1



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

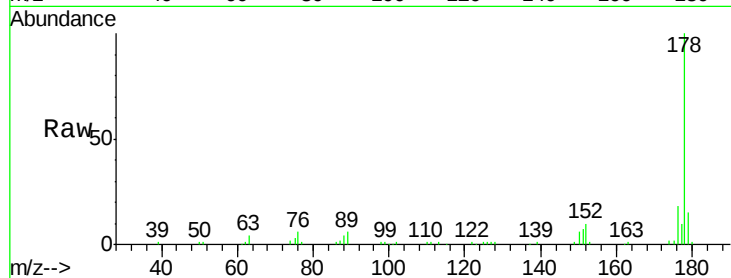




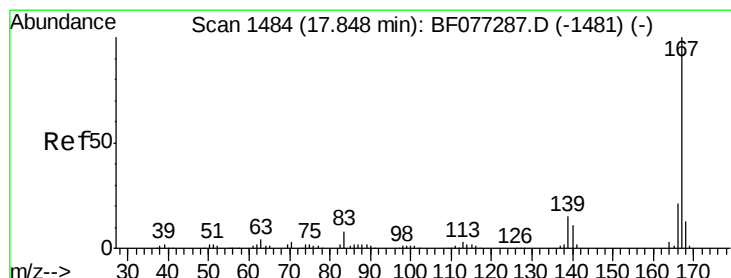
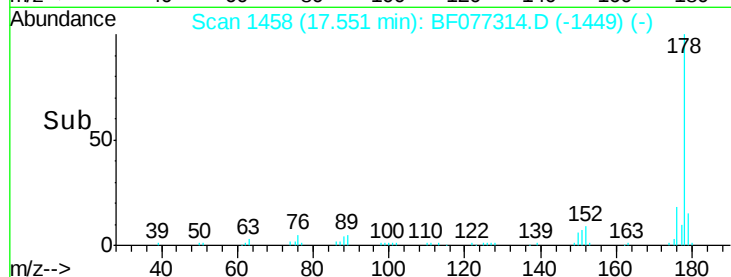
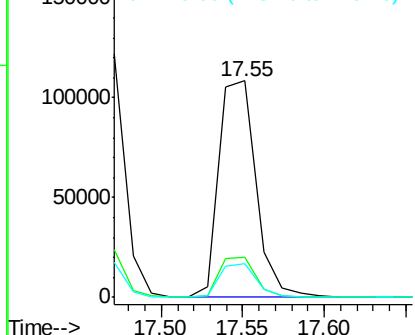
#71
 Anthracene
 Concen: 27.59 ng
 RT: 17.55 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MS

Tot Ion:178 Resp: 171232
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.6 22.0
 179 15.3 12.1 18.1

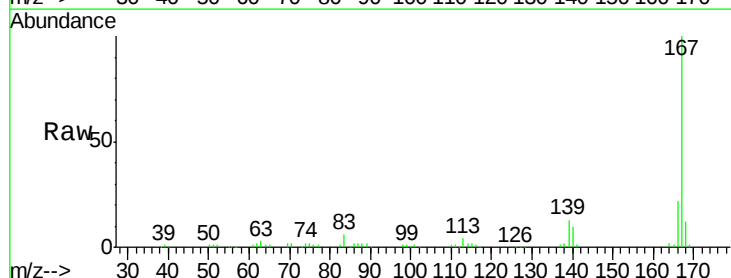


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

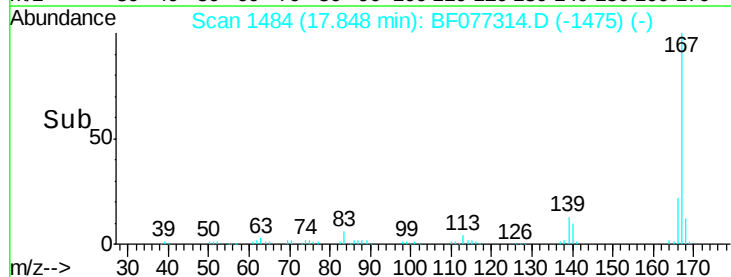
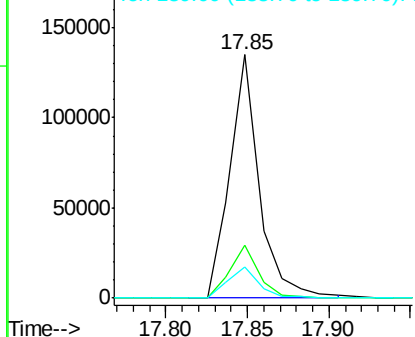


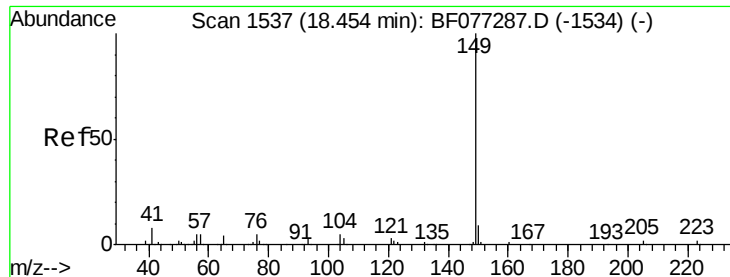
#72
 Carbazole
 Concen: 28.34 ng
 RT: 17.85 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF077314.D
 Acq: 13 Feb 2015 18:33

Tgt Ion:167 Resp: 167995
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.6
 139 12.9 11.7 17.5



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: 29.25 ng

RT: 18.45 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

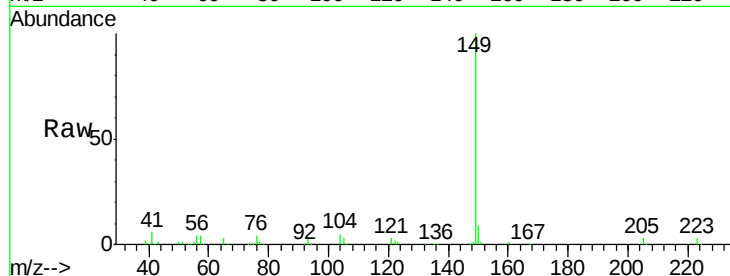
Tot Ion:149 Resp: 220683

Ion Ratio Lower Upper

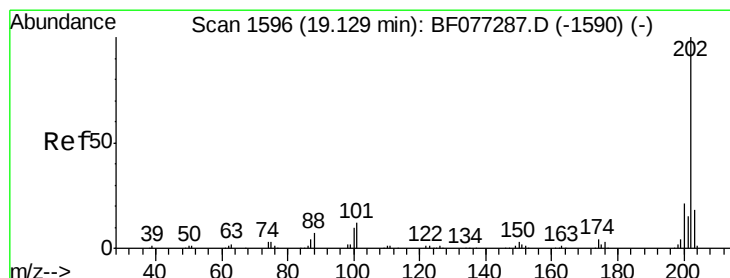
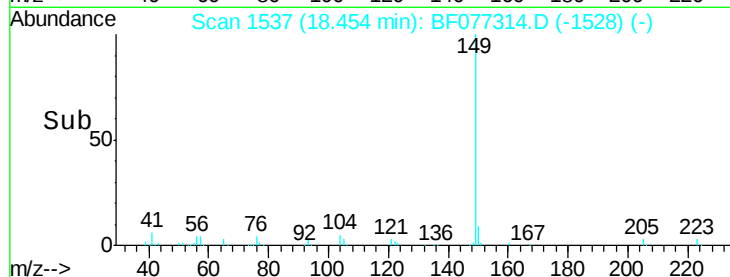
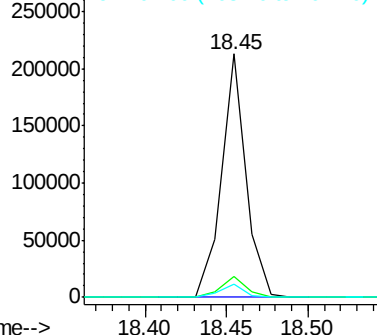
149 100

150 8.8 7.4 11.2

104 5.2 4.2 6.2



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: 27.56 ng

RT: 19.13 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

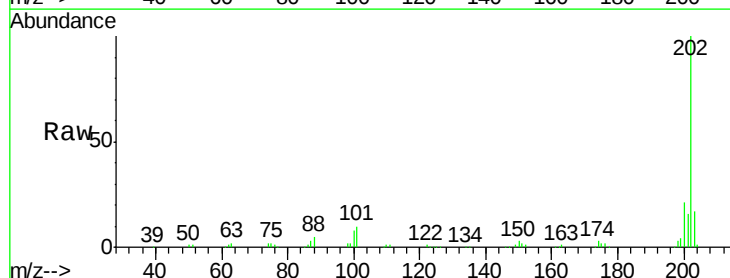
Tgt Ion:202 Resp: 175642

Ion Ratio Lower Upper

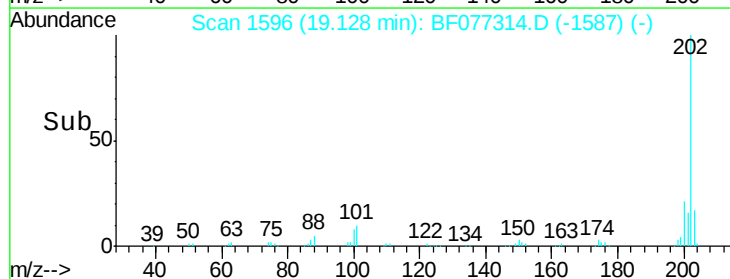
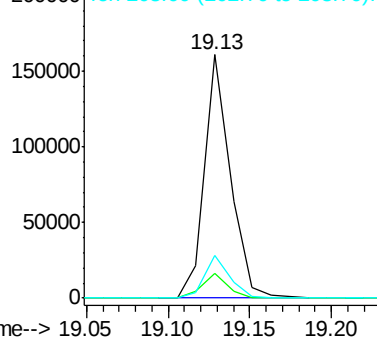
202 100

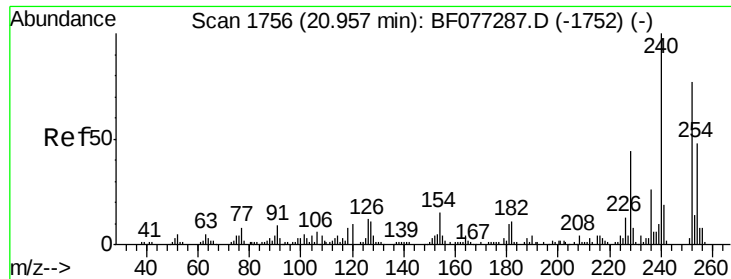
101 10.2 0.0 32.4

203 17.4 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 20.95 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

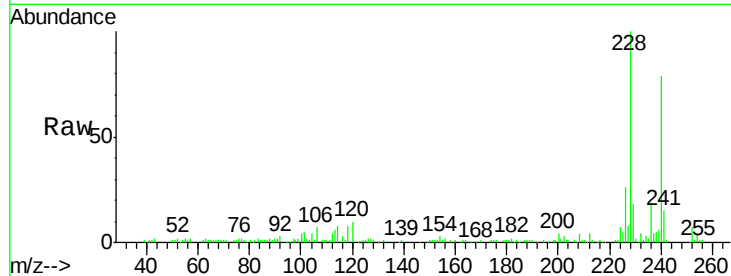
Tot Ion:240 Resp: 98861

Ion Ratio Lower Upper

240 100

120 12.1 7.8 11.8#

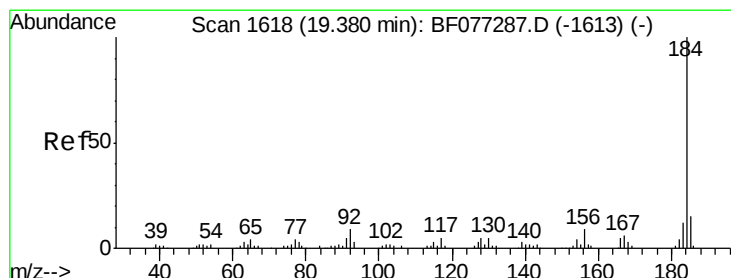
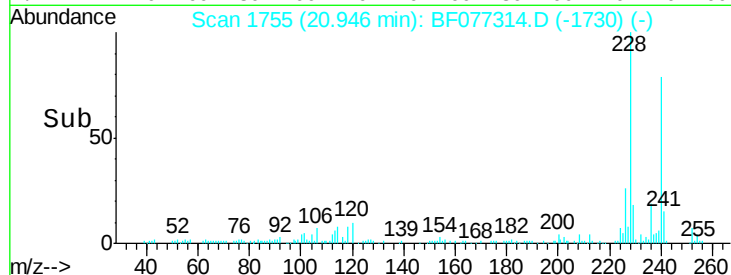
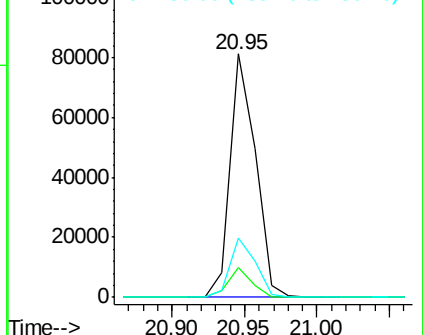
236 24.6 20.4 30.6



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: 22.74 ng

RT: 19.38 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

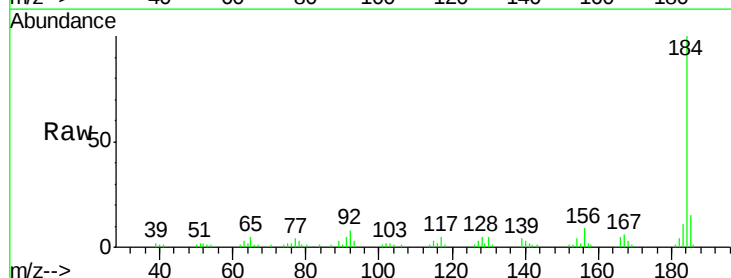
Tgt Ion:184 Resp: 91145

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.6

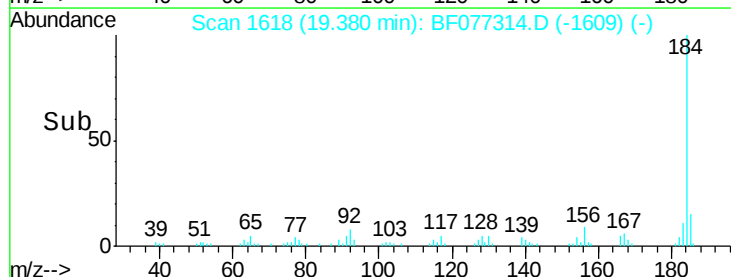
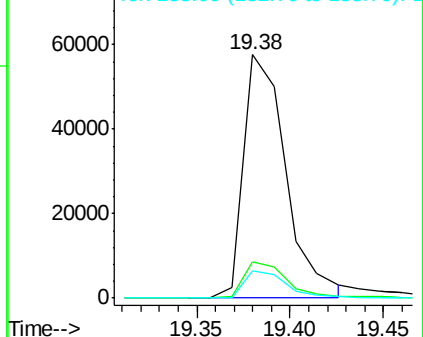
183 11.2 9.3 13.9

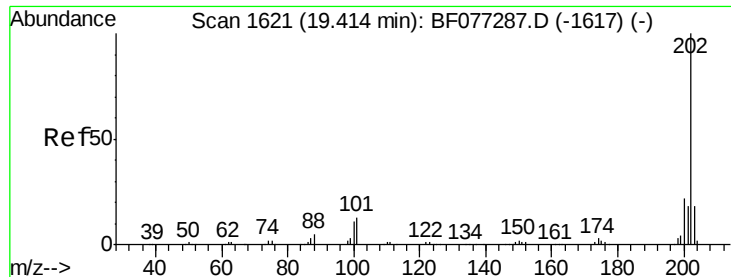


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

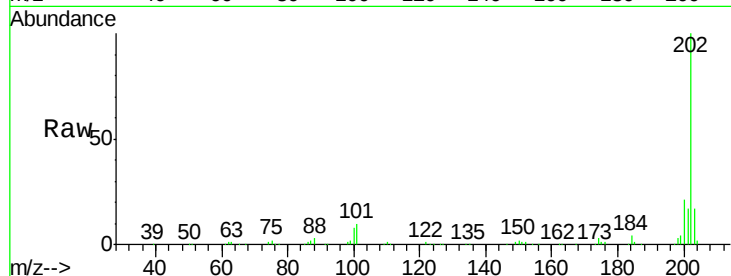




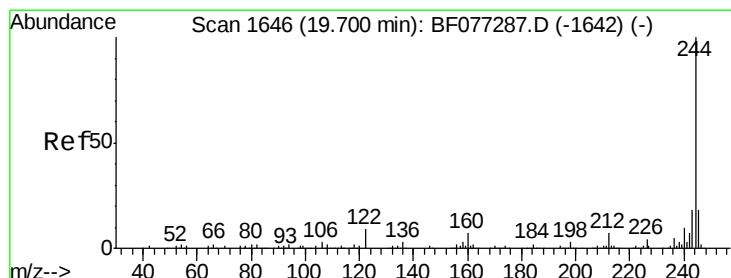
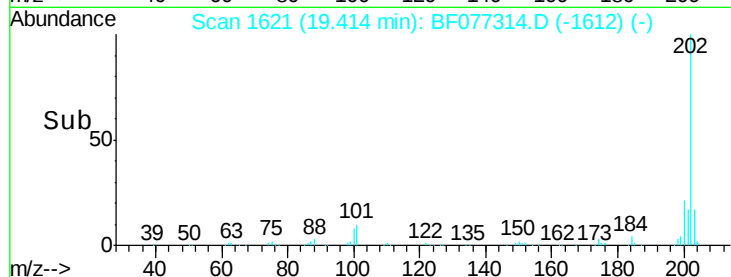
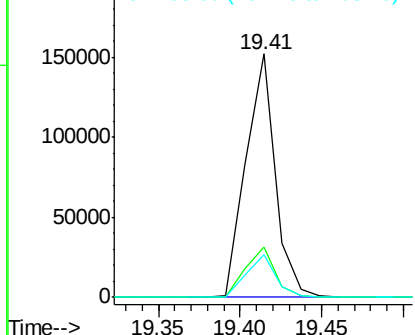
#77
Pvrene
Concen: 28.75 ng
RT: 19.41 min Scan# 1621
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.0
203	17.3	14.1	21.1

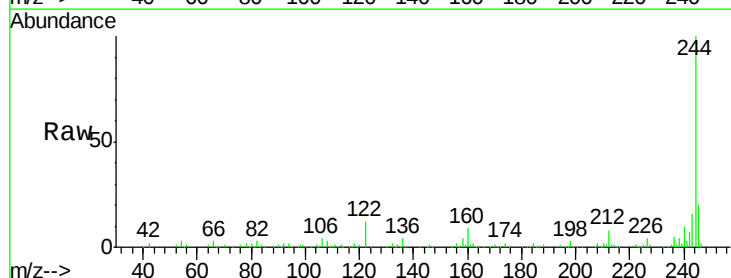


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

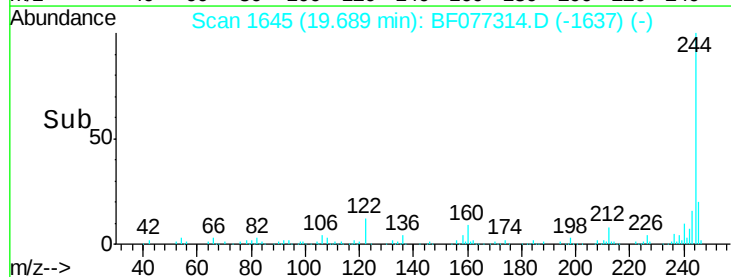
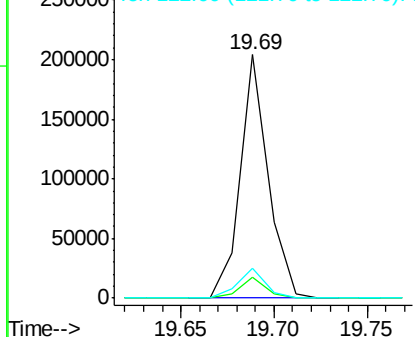


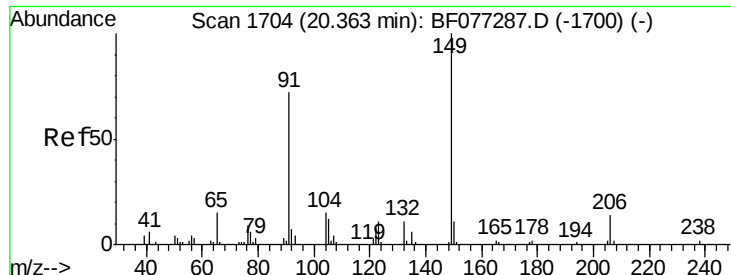
#78
Terphenyl-d14
Concen: 48.23 ng
RT: 19.69 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.6	8.4
122	12.3	7.0	10.4



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

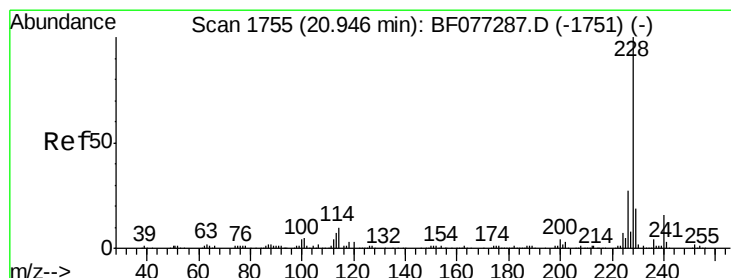
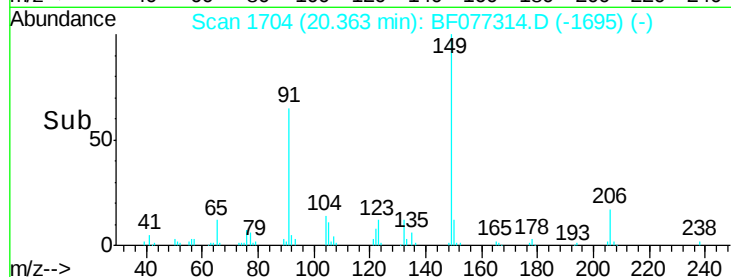
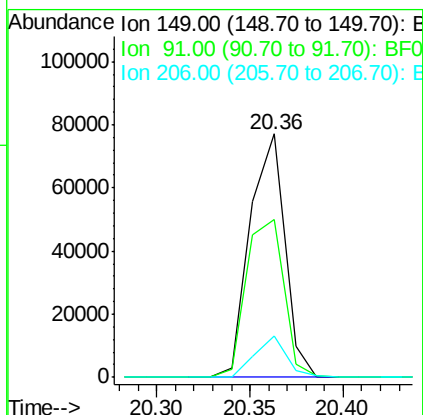
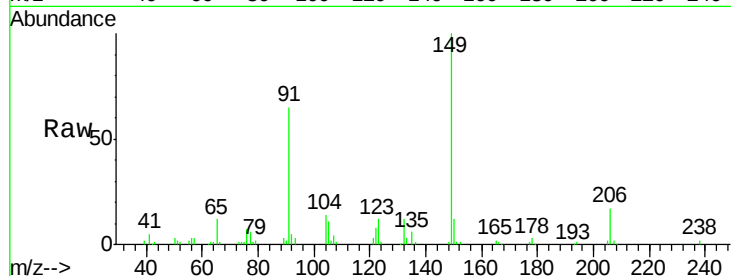




#79
Butylbenzylphthalate
Concen: 30.04 ng
RT: 20.36 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

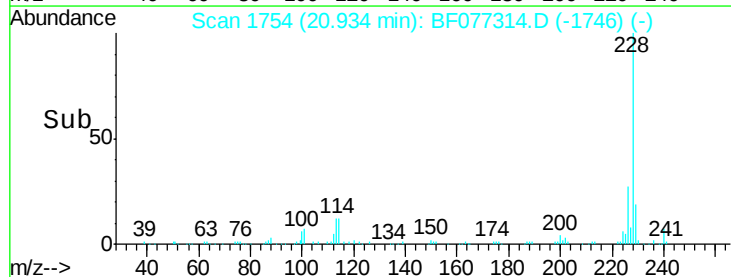
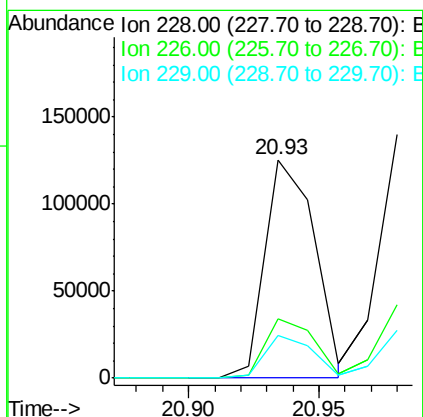
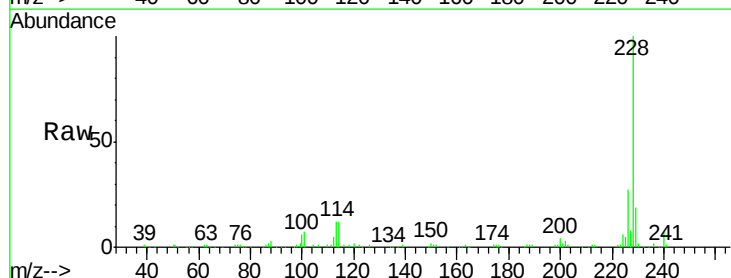
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MS

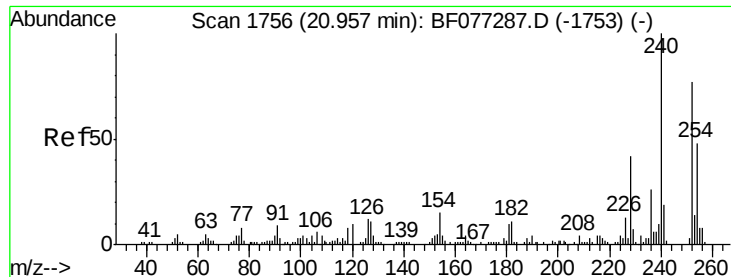
Tot Ion:149 Resp: 100273
Ion Ratio Lower Upper
149 100
91 64.9 57.3 85.9
206 16.9 11.6 17.4



#80
Benzo(a)anthracene
Concen: 27.41 ng
RT: 20.93 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Tgt Ion:228 Resp: 166778
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.3 15.5 23.3





#81

3,3'-Dichlorobenzidine

Concen: 21.03 ng

RT: 20.96 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

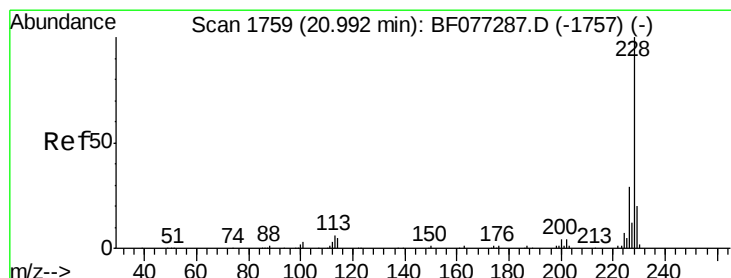
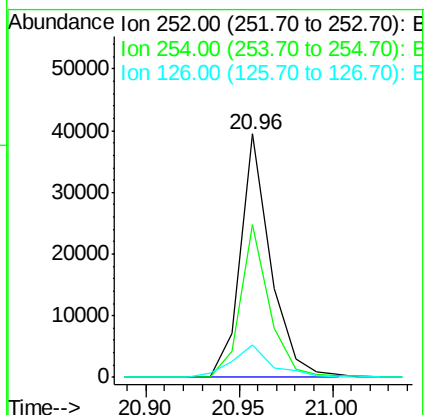
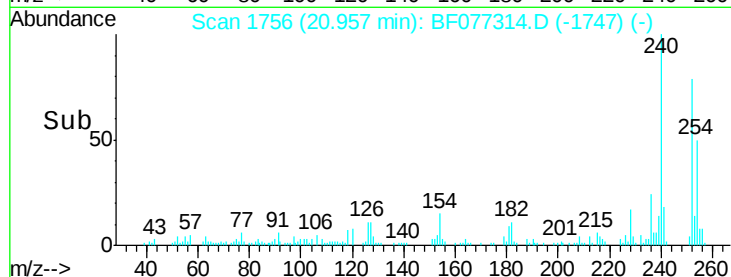
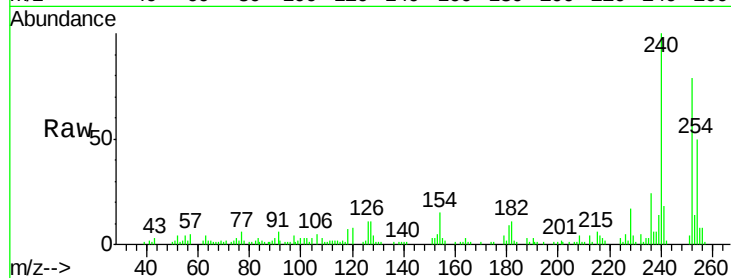
Tot Ion:252 Resp: 44876

Ion Ratio Lower Upper

252 100

254 62.5 49.5 74.3

126 13.5 12.6 19.0



#82

Chrysene

Concen: 28.96 ng

RT: 20.98 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

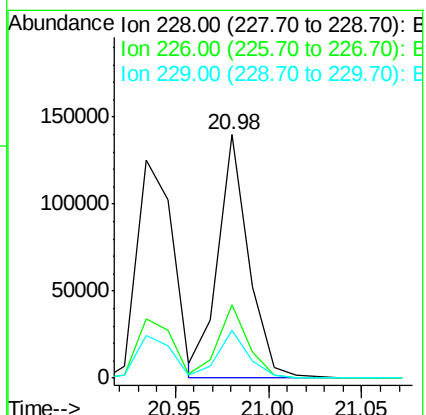
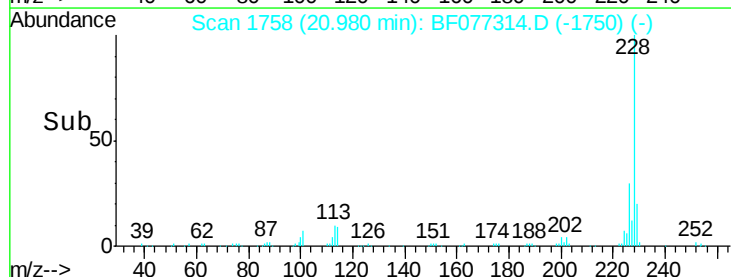
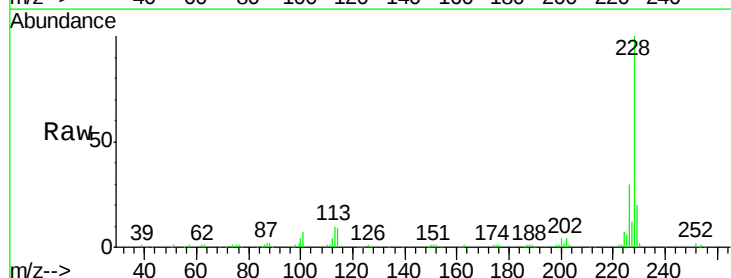
Tgt Ion:228 Resp: 159686

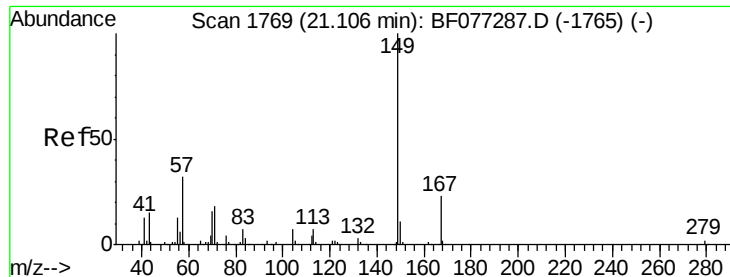
Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 19.5 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.06 ng

RT: 21.11 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

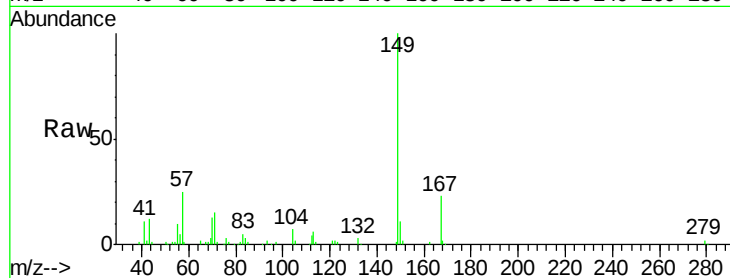
Tot Ion:149 Resp: 149314

Ion Ratio Lower Upper

149 100

167 23.1 18.6 28.0

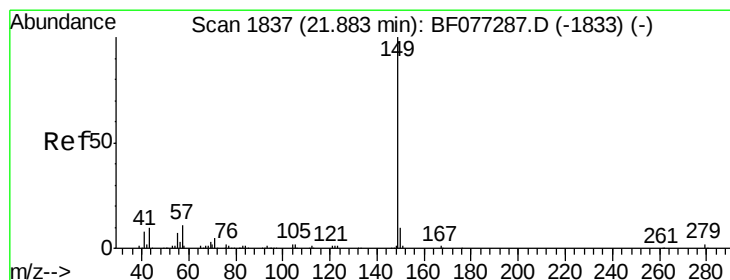
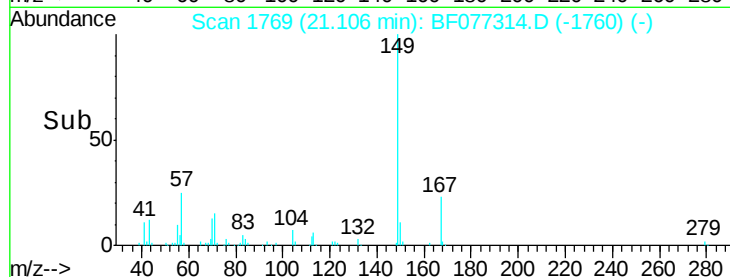
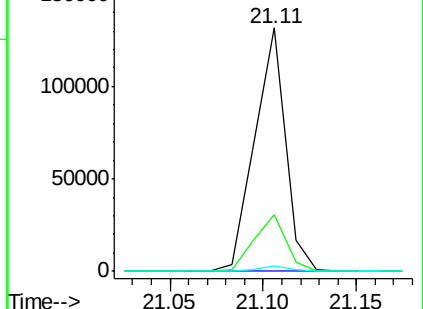
279 2.3 1.5 2.3#



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: 31.30 ng

RT: 21.87 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

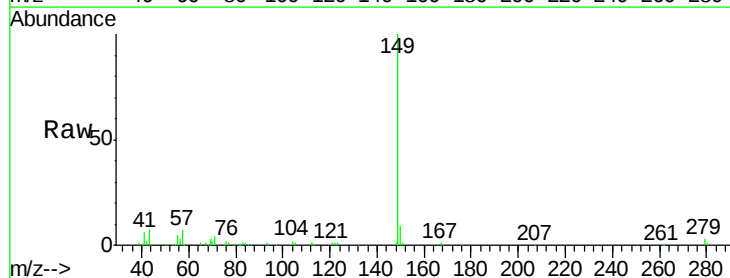
Tgt Ion:149 Resp: 267376

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

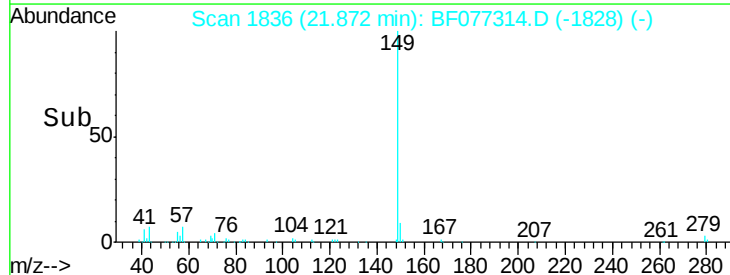
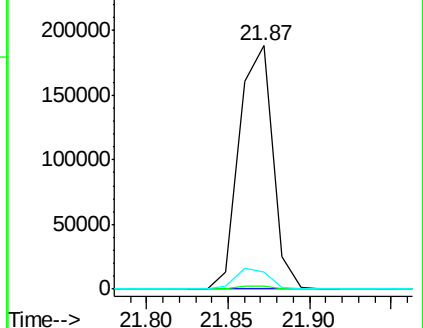
43 8.6 7.3 10.9

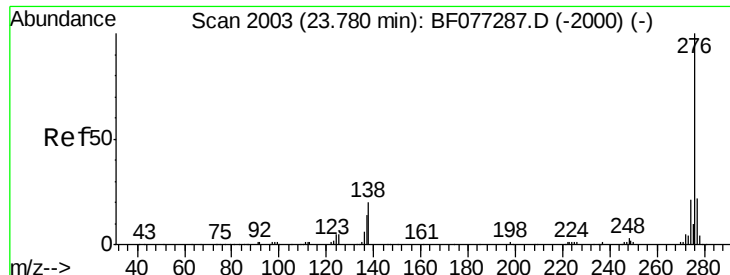


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

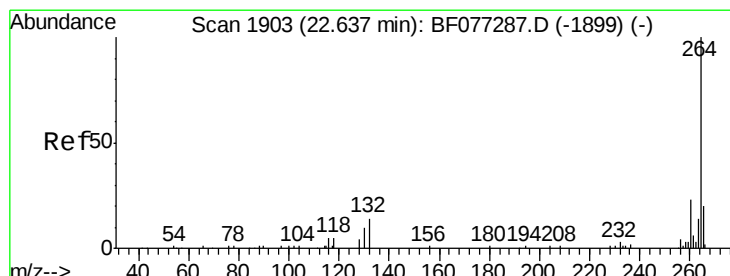
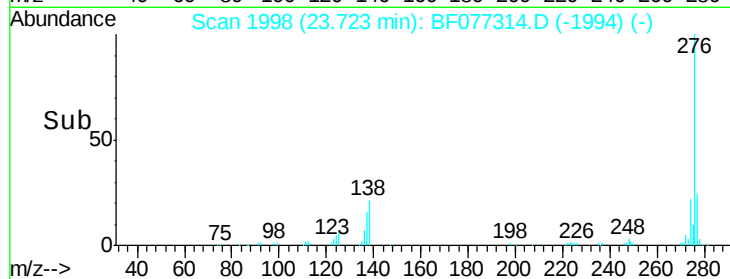
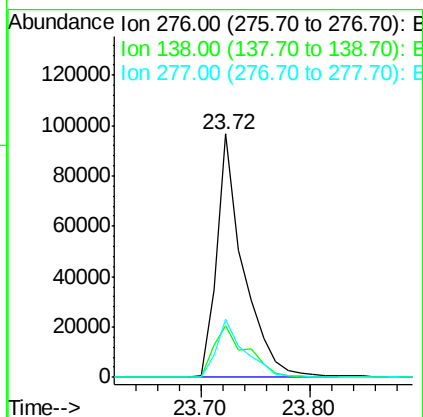
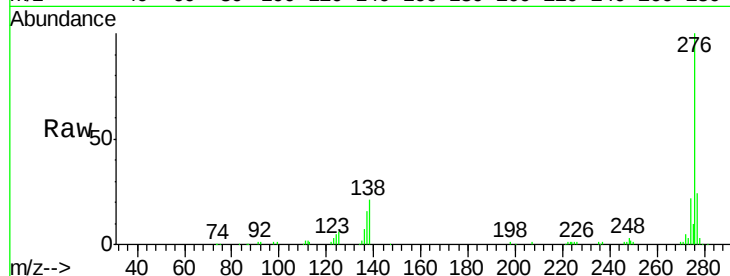




#85
Indeno(1,2,3-cd)pyrene
Concen: 30.96 ng
RT: 23.72 min Scan# 1998
Delta R.T. -0.06 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

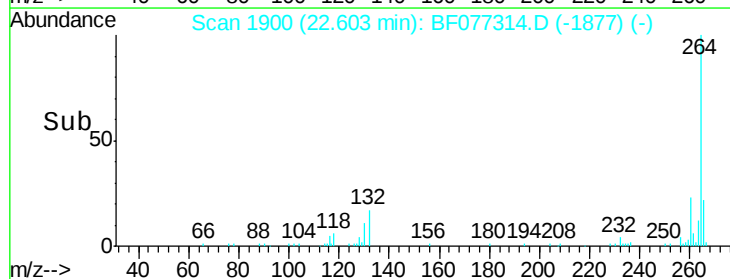
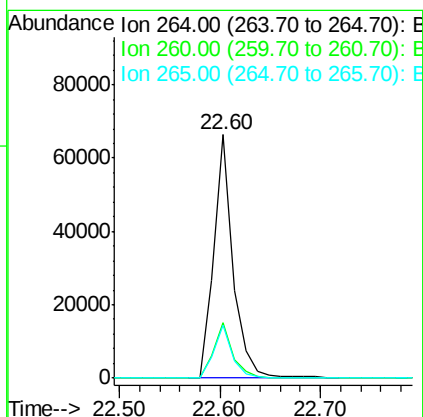
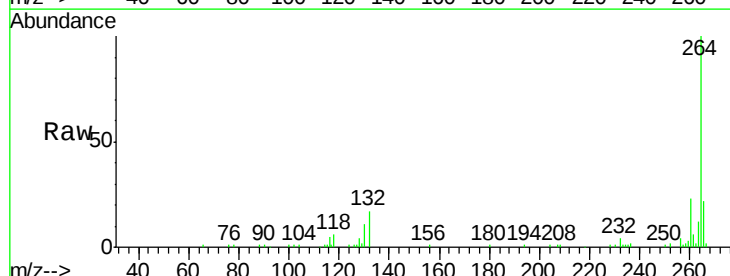
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MS

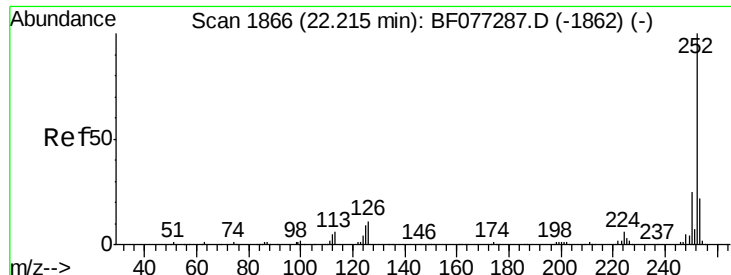
Tot Ion:276 Resp: 166010
Ion Ratio Lower Upper
276 100
138 26.4 0.0 0.0#
277 25.3 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.60 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BF077314.D
Acq: 13 Feb 2015 18:33

Tgt Ion:264 Resp: 88495
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.8 16.2 24.2





#87

Benzo(b)fluoranthene

Concen: 25.09 ng

RT: 22.19 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

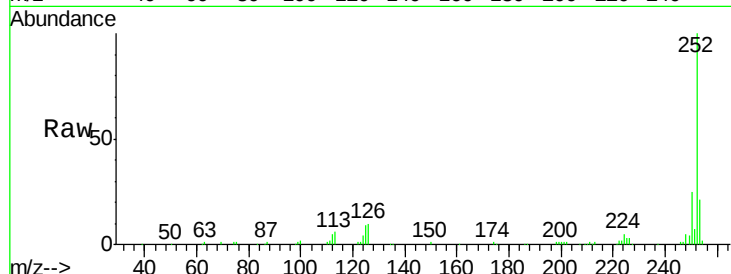
Tot Ion:252 Resp: 158143

Ion Ratio Lower Upper

252 100

253 20.8 17.4 26.2

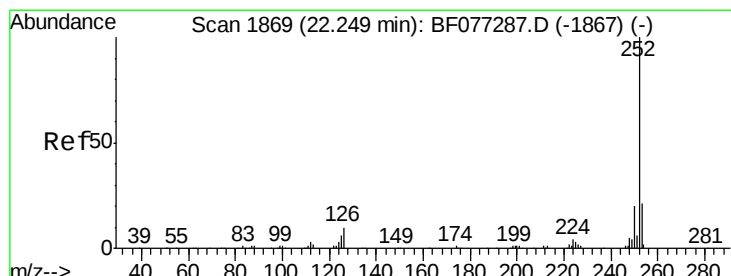
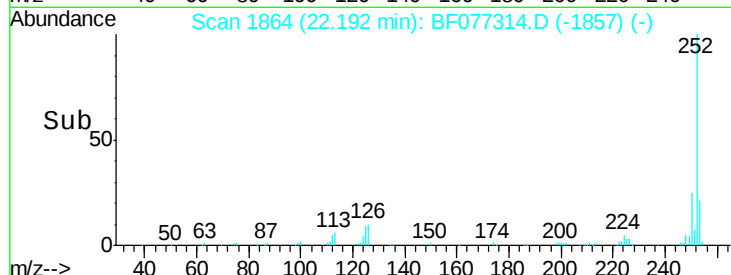
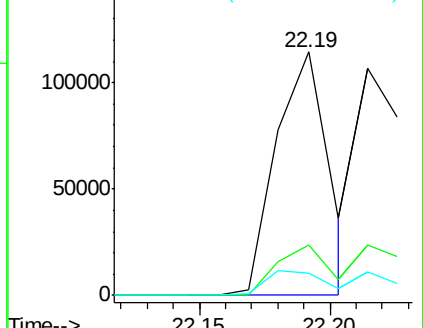
125 9.3 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 31.37 ng m

RT: 22.21 min Scan# 1866

Delta R.T. -0.03 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

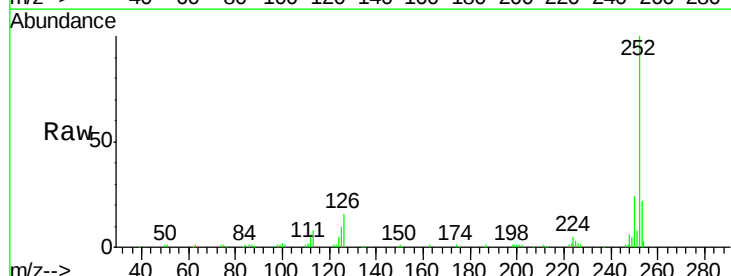
Tgt Ion:252 Resp: 149302

Ion Ratio Lower Upper

252 100

253 22.0 16.6 24.8

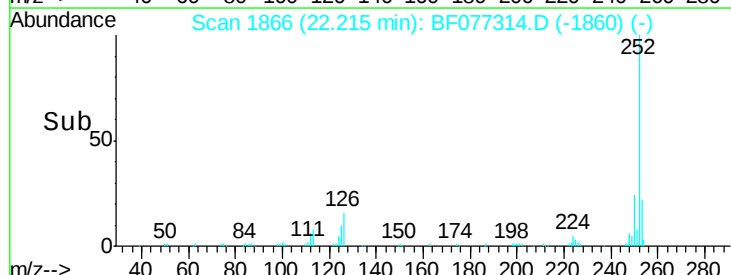
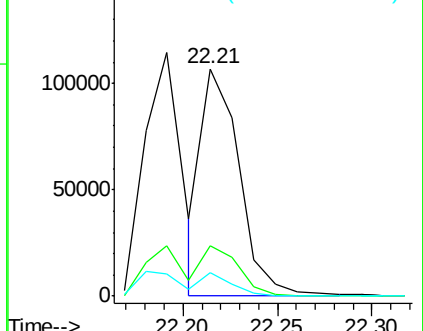
125 10.3 5.8 8.8#

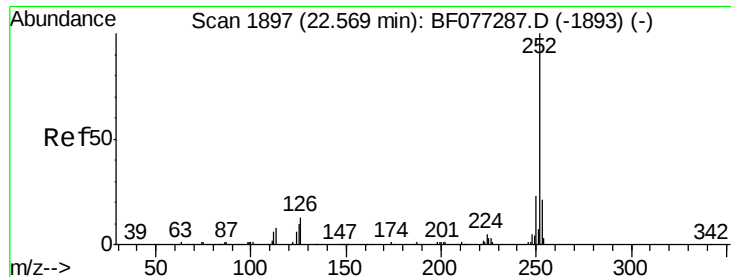


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 28.59 ng

RT: 22.55 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

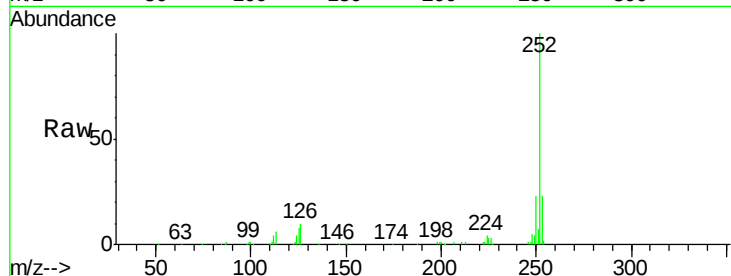
Tot Ion:252 Resp: 150043

Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

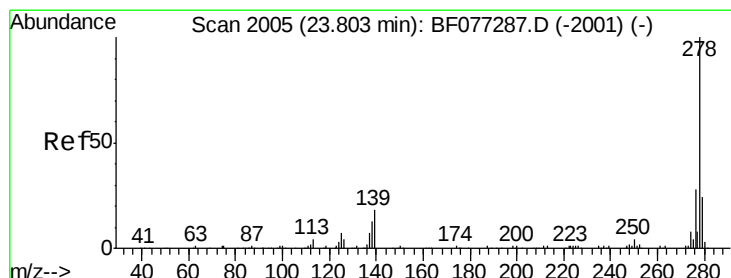
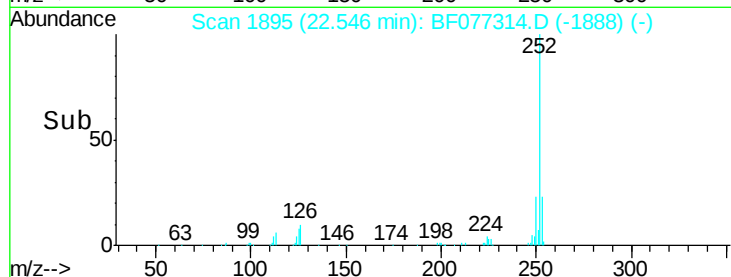
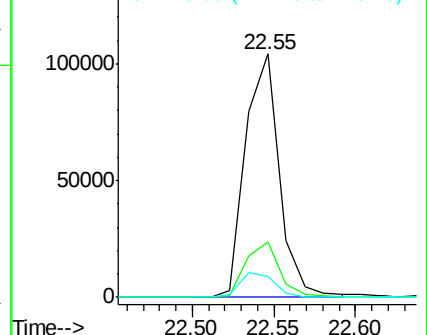
125 8.4 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 29.49 ng

RT: 23.75 min Scan# 2000

Delta R.T. -0.06 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

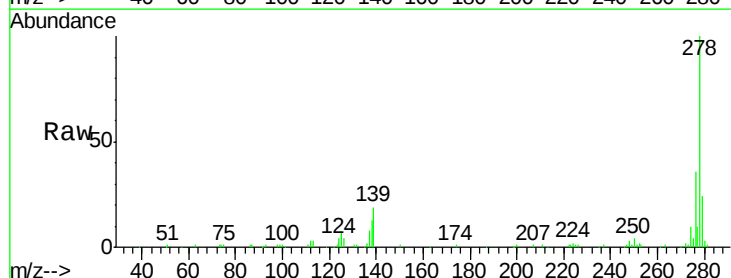
Tgt Ion:278 Resp: 137426

Ion Ratio Lower Upper

278 100

139 18.8 14.2 21.2

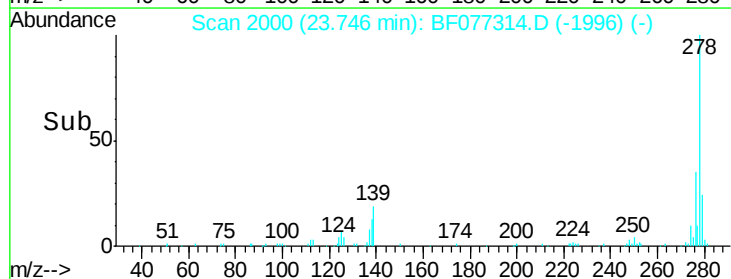
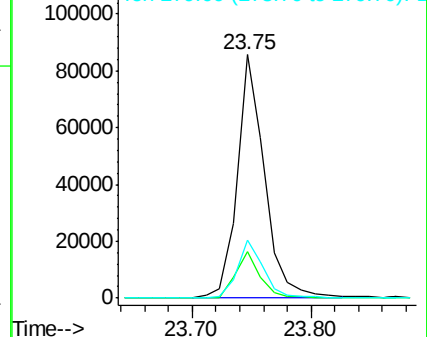
279 23.6 18.9 28.3

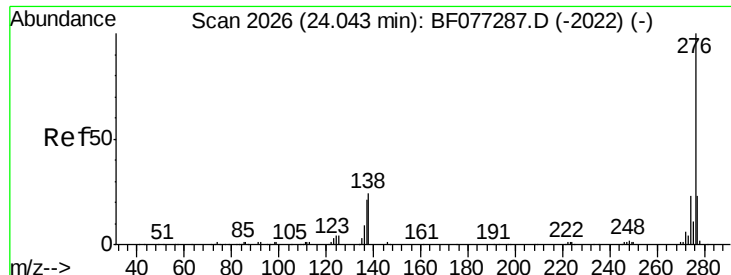


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 29.88 ng

RT: 23.99 min Scan# 2021

Delta R.T. -0.06 min

Lab File: BF077314.D

Acq: 13 Feb 2015 18:33

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MS

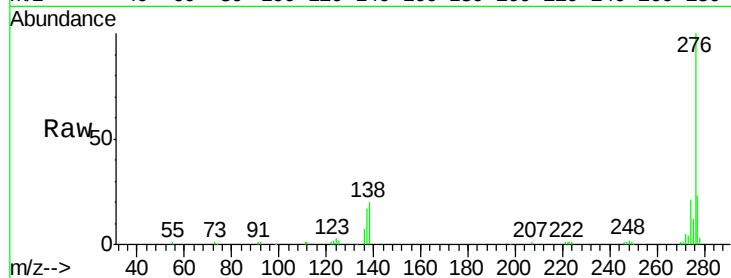
Tot Ion:276 Resp: 137765

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 20.1 19.1 28.7



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

