

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021315\
 Data File : BF077315.D
 Acq On : 13 Feb 2015 19:07
 Operator : TP/IZ
 Sample : G1294-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 14 00:51:05 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	7.49	152	31157	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	132906	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	66396	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	118273	20.00	ng	0.00
75) Chrysene-d12	20.95	240	105922	20.00	ng	-0.01
86) Perylene-d12	22.59	264	96713	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.50	112	227815	114.04	ng	0.01
7) Phenol-d6	6.93	99	300084	121.69	ng	0.00
23) Nitrobenzene-d5	8.82	82	192029	82.53	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	69366	128.12	ng	-0.01
44) 2-Fluorobiphenyl	13.07	172	361738	82.00	ng	0.00
78) Terphenyl-d14	19.69	244	340787	72.27	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.02	88	23280	30.97	ng	# 95
3) Pyridine	1.44	79	64163	32.21	ng	95
4) n-Nitrosodimethylamine	1.40	42	38576	35.76	ng	98
6) Aniline	6.78	93	66805	20.48	ng	98
8) 2-Chlorophenol	7.02	128	84422	37.34	ng	96
9) Benzaldehyde	6.56	77	3837	2.53	ng	# 87
10) Phenol	6.96	94	99438	39.23	ng	99
11) bis(2-Chloroethyl)ether	7.05	93	75837	37.54	ng	95
12) 1,3-Dichlorobenzene	7.33	146	91671	36.68	ng	98
13) 1,4-Dichlorobenzene	7.54	146	89816	34.85	ng	97
14) 1,2-Dichlorobenzene	7.85	146	89106	36.49	ng	97
15) Benzyl Alcohol	7.96	79	74255	38.02	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.30	45	105332	37.21	ng	97
17) 2-Methylphenol	8.32	107	67863	38.81	ng	# 89
18) Hexachloroethane	8.59	117	33385	35.66	ng	89
19) n-Nitroso-di-n-propylamine	8.59	70	65020	37.50	ng	96
20) 3+4-Methylphenols	8.72	107	85318m	37.85	ng	
22) Acetophenone	8.51	105	128029	40.11	ng	99
24) Nitrobenzene	8.85	77	89444	38.77	ng	98
25) Isophorone	9.46	82	168226	40.11	ng	96
26) 2-Nitrophenol	9.60	139	41866	36.87	ng	95
27) 2,4-Dimethylphenol	9.89	122	75965	40.30	ng	97
28) bis(2-Chloroethoxy)methane	10.10	93	104684	41.00	ng	97
29) 2,4-Dichlorophenol	10.21	162	71216m	41.35	ng	
30) 1,2,4-Trichlorobenzene	10.33	180	74077	38.04	ng	95
31) Naphthalene	10.45	128	250794	38.23	ng	99
33) 4-Chloroaniline	10.73	127	61969m	23.42	ng	
34) Hexachlorobutadiene	10.82	225	41373	37.40	ng	97
35) Caprolactam	11.56	113	19334m	37.11	ng	
36) 4-Chloro-3-methylphenol	12.04	107	73687	38.24	ng	93
37) 2-Methylnaphthalene	12.11	142	181207	36.85	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	70179	42.00	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	64656	78.75	ng	99
42) 2,4,6-Trichlorophenol	12.88	196	45421	41.37	ng	98

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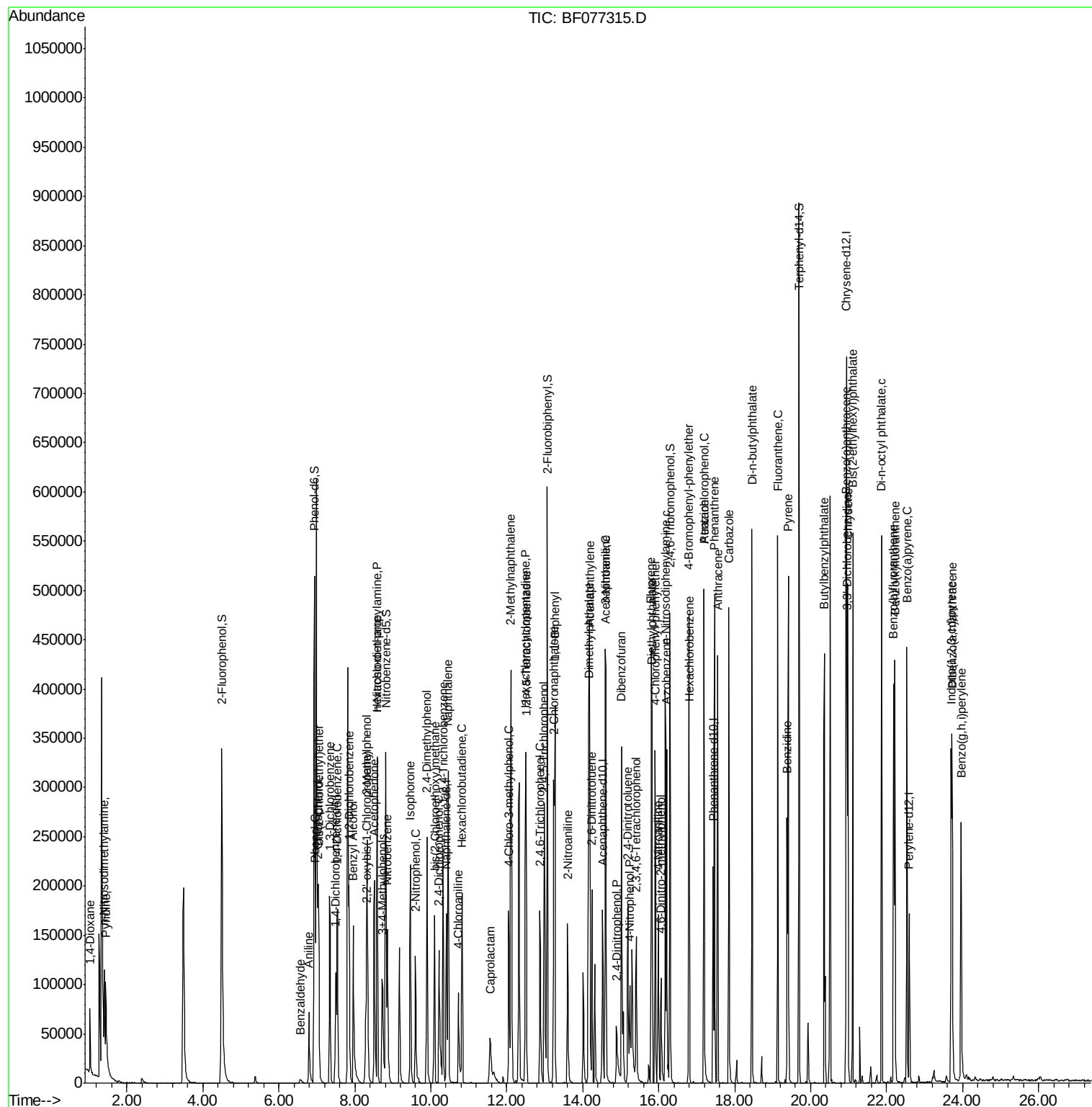
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.98	196	41845m	38.88	nq	
45) 1,1'-Biphenyl	13.27	154	207461	40.55	nq	97
46) 2-Chloronaphthalene	13.23	162	165315	40.46	nq	98
47) 2-Nitroaniline	13.60	65	55684m	46.64	nq	
48) Acenaphthylene	14.18	152	268731	41.68	nq	98
49) Dimethylphthalate	14.16	163	219864	45.79	nq	100
50) 2,6-Dinitrotoluene	14.25	165	43693	47.06	nq	86
51) Acenaphthene	14.60	154	149408	40.02	nq	97
52) 3-Nitroaniline	14.59	138	38396m	33.81	nq	
53) 2,4-Dinitrophenol	14.89	184	19015	62.27	nq	# 72
54) Dibenzofuran	15.03	168	232958	40.35	nq	98
55) 4-Nitrophenol	15.23	139	49087m	88.81	nq	
56) 2,4-Dinitrotoluene	15.19	165	58671	44.22	nq	98
57) Fluorene	15.80	166	190061	40.21	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.40	232	33276	45.78	nq	# 100
59) Diethylphthalate	15.83	149	218733	43.75	nq	99
60) 4-Chlorophenyl-phenylether	15.91	204	85930	43.73	nq	93
61) 4-Nitroaniline	15.99	138	39913	37.65	nq	95
62) Azobenzene	16.21	77	204675m	42.91	nq	
64) 4,6-Dinitro-2-methylphenol	16.07	198	23368	36.10	nq	98
65) n-Nitrosodiphenylamine	16.17	169	164776	39.06	nq	97
66) 4-Bromophenyl-phenylether	16.80	248	49465	40.02	nq	92
67) Hexachlorobenzene	16.81	284	50783	40.35	nq	# 82
68) Atrazine	17.20	200	57435	42.98	nq	90
69) Pentachlorophenol	17.20	266	26586	69.40	nq	95
70) Phenanthrene	17.47	178	273929	38.40	nq	99
71) Anthracene	17.55	178	274424	38.34	nq	99
72) Carbazole	17.85	167	259200	37.92	nq	98
73) Di-n-butylphthalate	18.45	149	358718	41.23	nq	99
74) Fluoranthene	19.13	202	269606	36.69	nq	96
76) Benzidine	19.38	184	137320	31.98	nq	99
77) Pyrene	19.41	202	277705	39.31	nq	97
79) Butylbenzylphthalate	20.36	149	154306	43.14	nq	88
80) Benzo(a)anthracene	20.93	228	240003	36.81	nq	99
81) 3,3'-Dichlorobenzidine	20.96	252	61077	26.72	nq	# 94
82) Chrysene	20.98	228	221296	37.46	nq	99
83) Bis(2-ethylhexyl)phthalate	21.11	149	237011	44.53	nq	# 97
84) Di-n-octyl phthalate	21.86	149	407273	44.50	nq	100
85) Indeno(1,2,3-cd)pyrene	23.70	276	232776m	40.52	nq	
87) Benzo(b)fluoranthene	22.18	252	247151	35.89	nq	# 97
88) Benzo(k)fluoranthene	22.21	252	180910m	34.78	nq	
89) Benzo(a)pyrene	22.53	252	213330	37.20	nq	97
90) Dibenzo(a,h)anthracene	23.72	278	194233	38.14	nq	98
91) Benzo(g,h,i)perylene	23.96	276	184916	36.70	nq	# 94

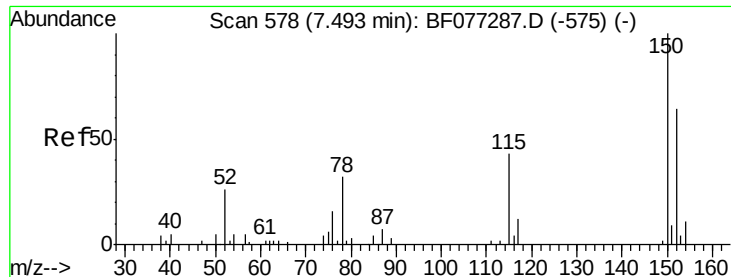
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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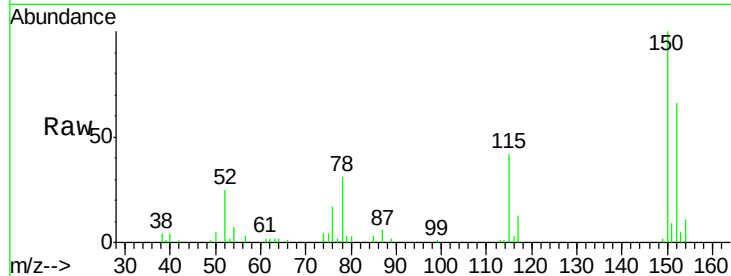


#1

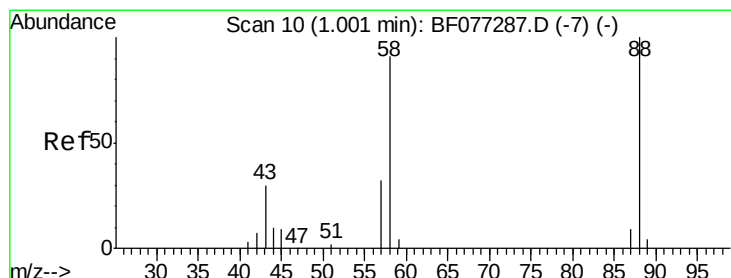
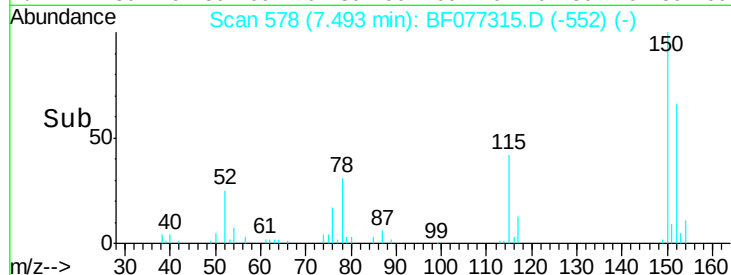
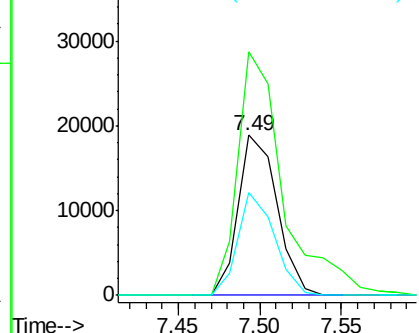
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

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

Tot Ion:152 Resp: 31157
Ion Ratio Lower Upper
152 100
150 152.2 124.9 187.3
115 64.5 54.1 81.1



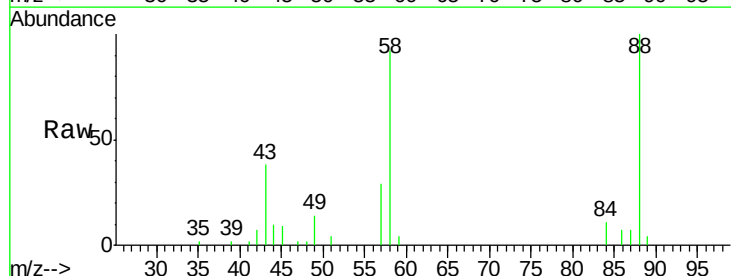
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



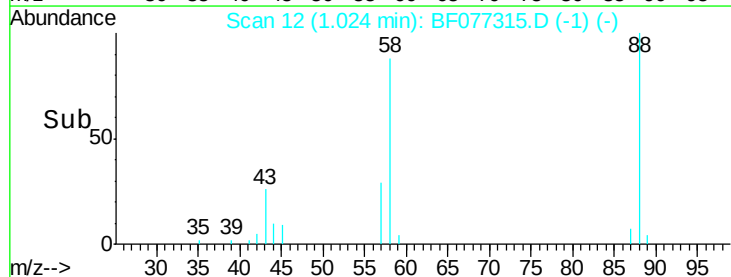
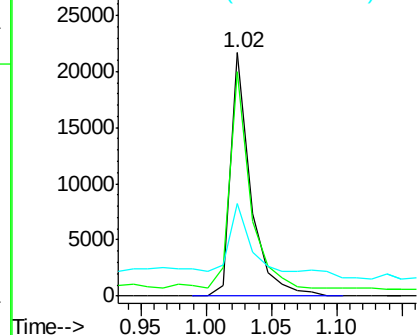
#2

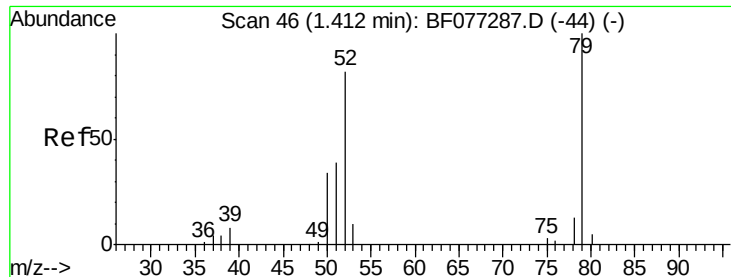
1,4-Dioxane
Concen: 30.97 ng
RT: 1.02 min Scan# 12
Delta R.T. 0.02 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion: 88 Resp: 23280
Ion Ratio Lower Upper
88 100
58 94.5 77.0 115.6
43 42.8 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: 32.21 ng

RT: 1.44 min Scan# 48

Delta R.T. 0.02 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

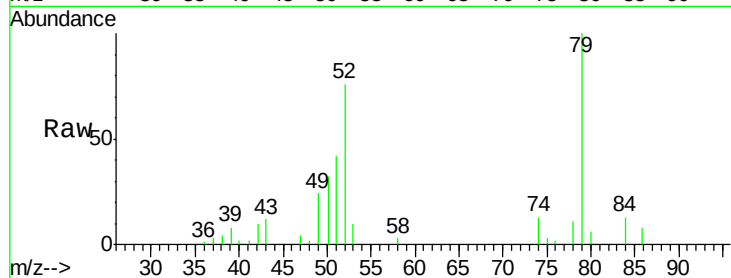
Tot Ion: 79 Resp: 64163

Ion Ratio Lower Upper

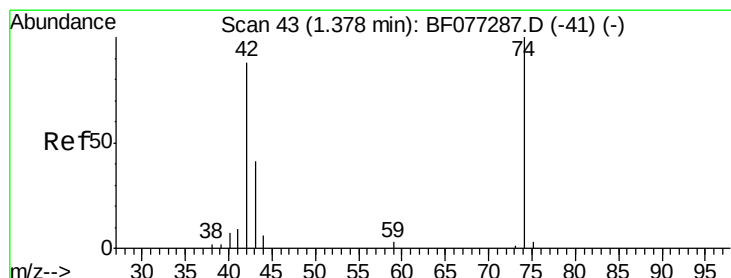
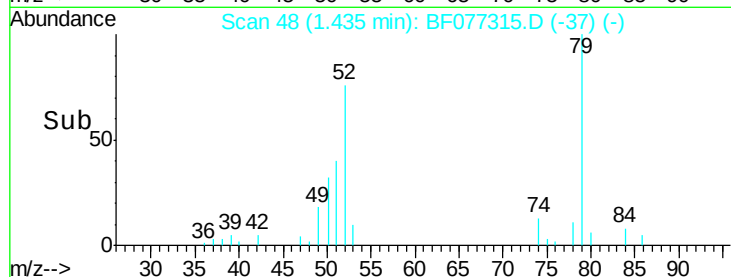
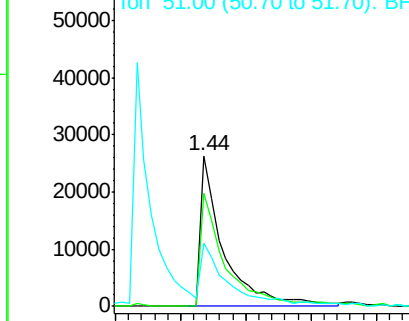
79 100

52 75.5 65.3 97.9

51 42.4 35.4 53.0



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



#4

n-Nitrosodimethylamine

Concen: 35.76 ng

RT: 1.40 min Scan# 45

Delta R.T. 0.02 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

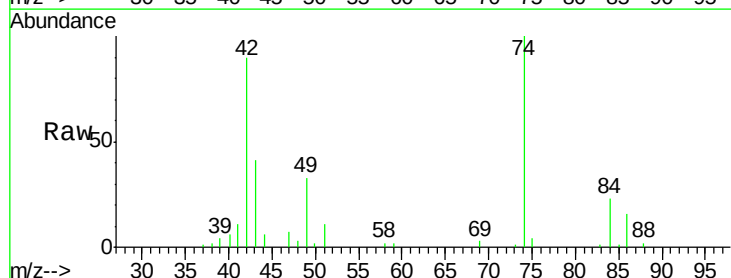
Tgt Ion: 42 Resp: 38576

Ion Ratio Lower Upper

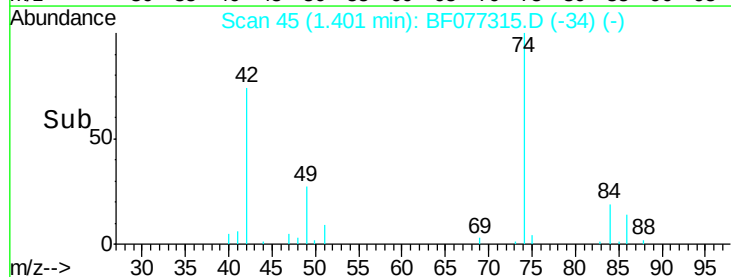
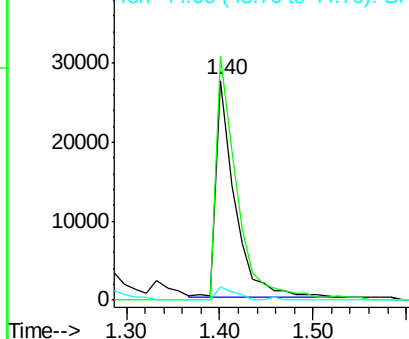
42 100

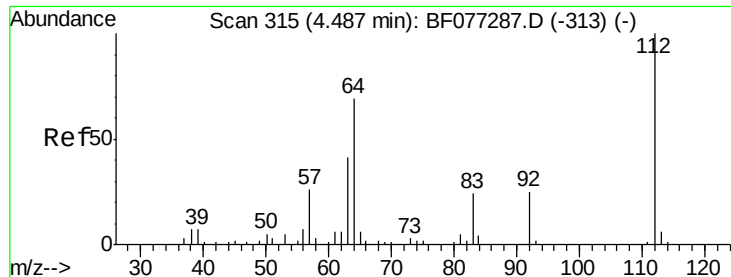
74 111.0 90.8 136.2

44 6.3 5.8 8.6



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





#5

2-Fluorophenol

Concen: 114.04 ng

RT: 4.50 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF077315.D

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1004-50(0-2)MSD

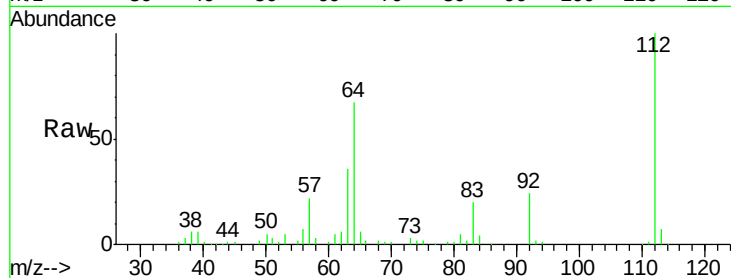
Tot Ion:112 Resp: 227815

Ion Ratio Lower Upper

112 100

64 67.5 55.0 82.4

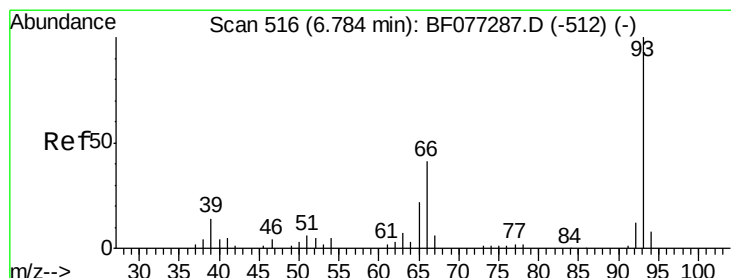
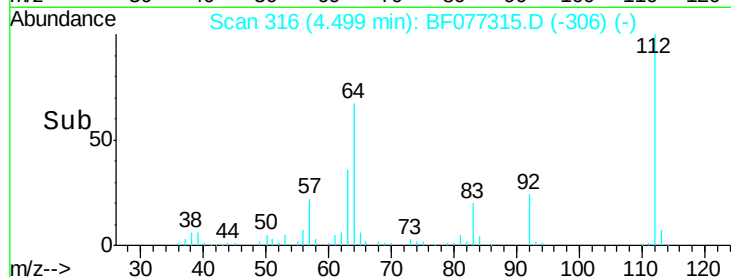
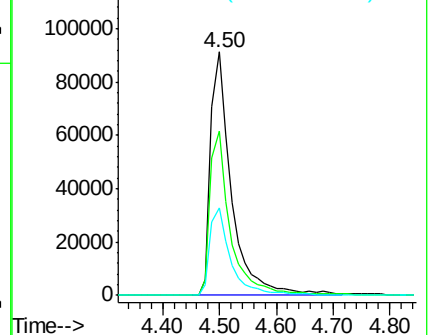
63 36.1 33.0 49.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 20.48 ng

RT: 6.78 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

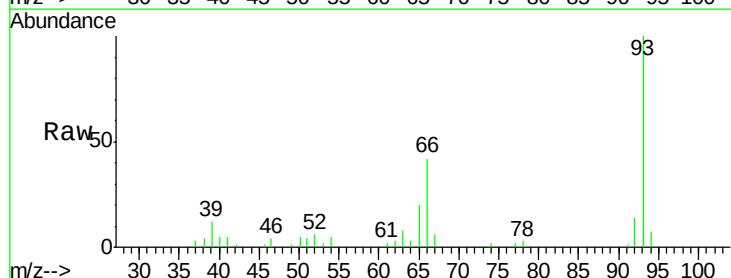
Tgt Ion: 93 Resp: 66805

Ion Ratio Lower Upper

93 100

66 42.4 33.1 49.7

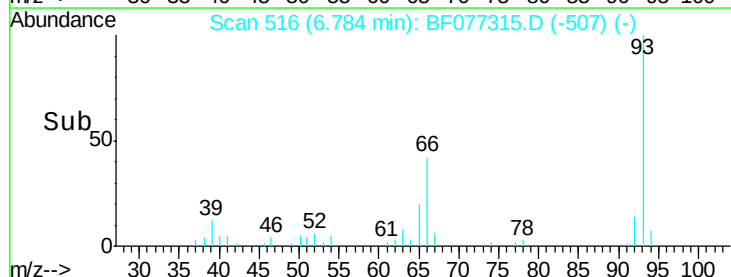
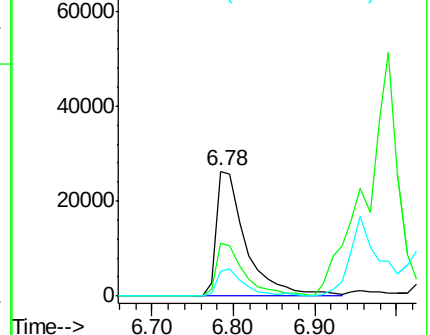
65 20.2 17.2 25.8

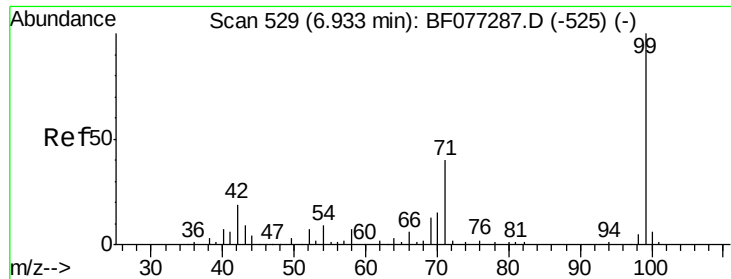


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.69 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

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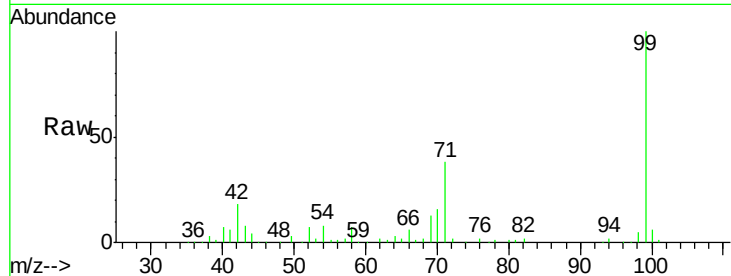
Tot Ion: 99 Resp: 300084

Ion Ratio Lower Upper

99 100

42 17.9 15.0 22.4

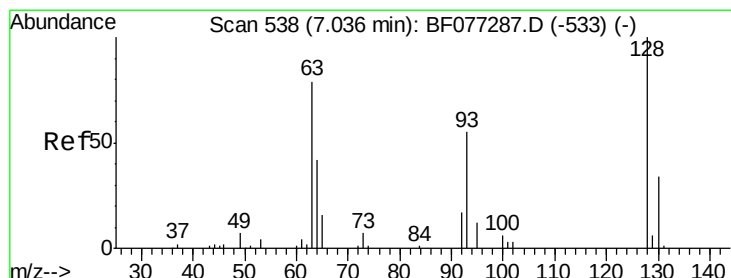
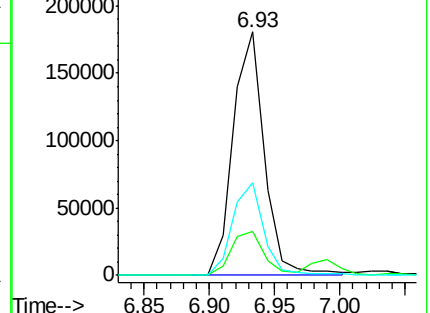
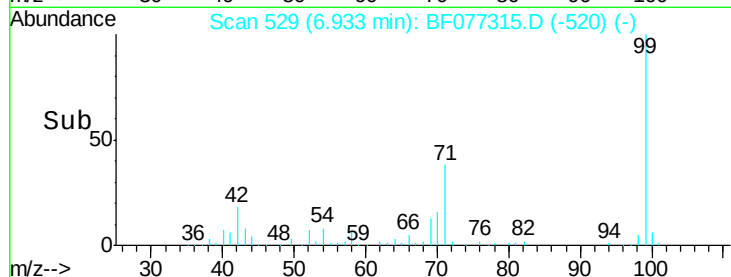
71 38.0 31.8 47.6



Abundance Ion 99.00 (98.70 to 99.70): BF077287.D (-525) (-)

Ion 42.00 (41.70 to 42.70): BF077287.D (-525) (-)

Ion 71.00 (70.70 to 71.70): BF077287.D (-525) (-)



#8

2-Chlorophenol

Concen: 37.34 ng

RT: 7.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

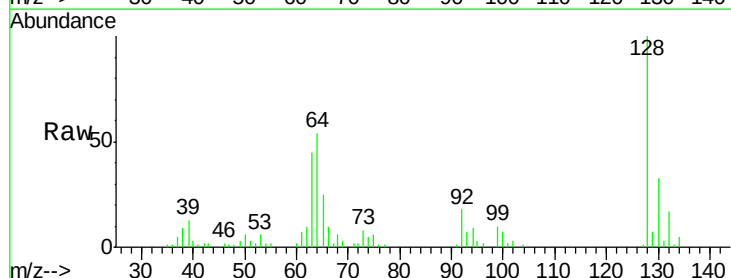
Tgt Ion: 128 Resp: 84422

Ion Ratio Lower Upper

128 100

130 33.3 14.4 54.4

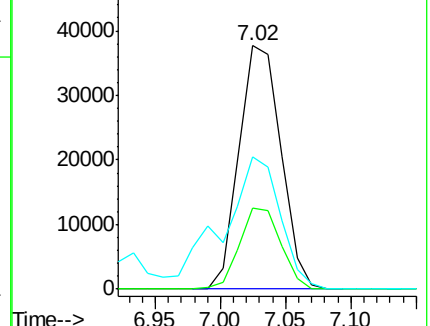
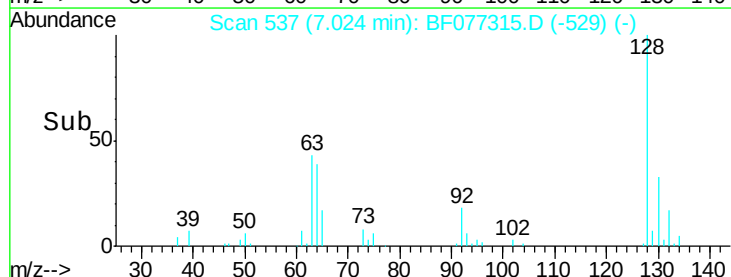
64 54.1 30.4 70.4

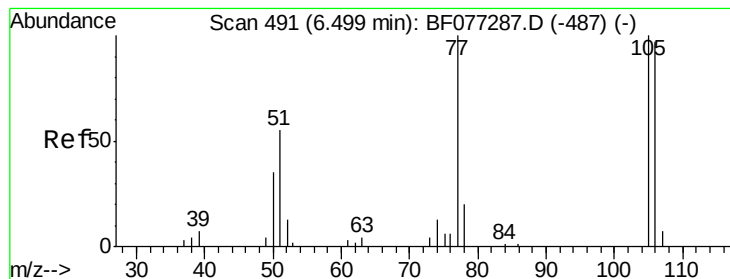


Abundance Ion 128.00 (127.70 to 128.70): BF077287.D (-533) (-)

Ion 130.00 (129.70 to 130.70): BF077287.D (-533) (-)

Ion 64.00 (63.70 to 64.70): BF077287.D (-533) (-)





#9

Benzaldehyde

Concen: 2.53 ng

RT: 6.56 min Scan# 496

Delta R.T. 0.06 min

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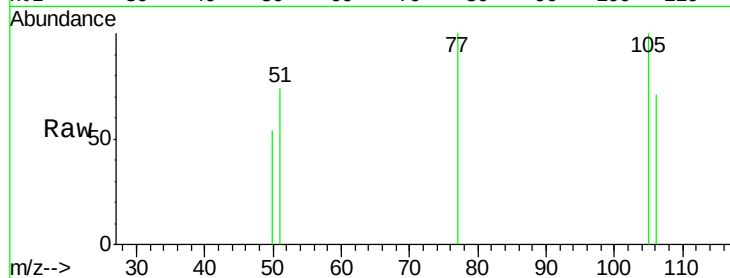
Tot Ion: 77 Resp: 3837

Ion Ratio Lower Upper

77 100

105 100.2 80.4 120.4

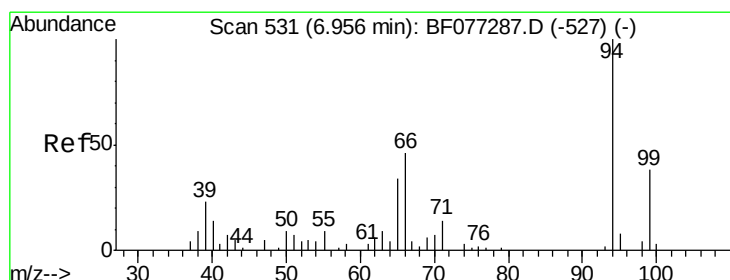
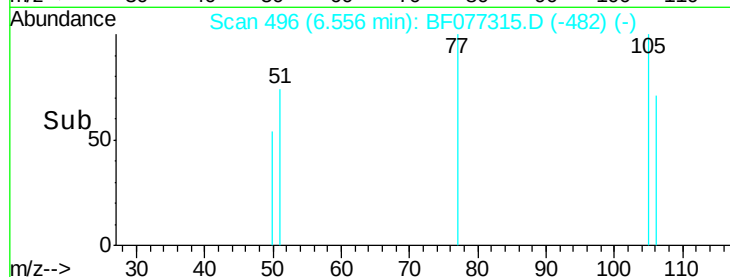
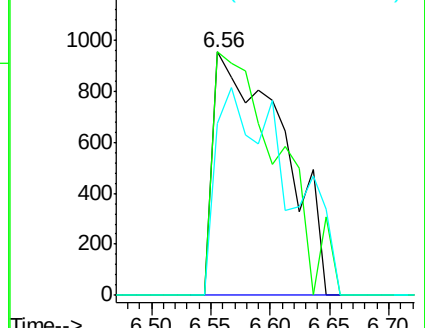
106 70.7 77.5 117.5#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.23 ng

RT: 6.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

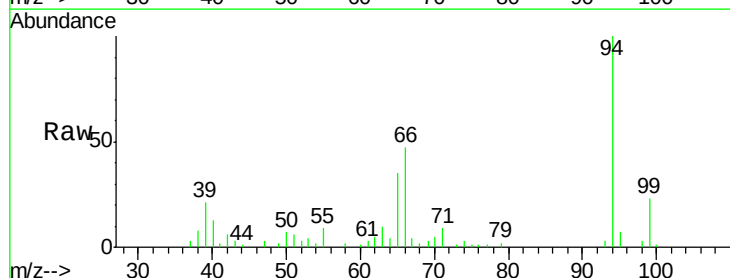
Tgt Ion: 94 Resp: 99438

Ion Ratio Lower Upper

94 100

65 34.8 14.2 54.2

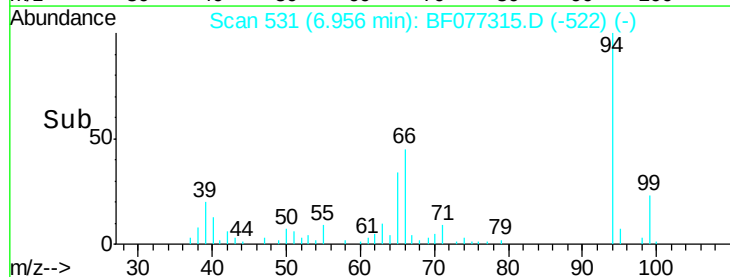
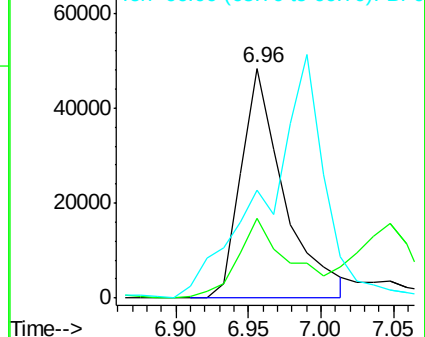
66 46.8 25.7 65.7

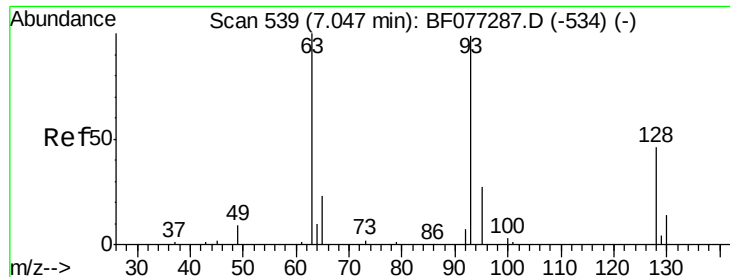


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.54 ng

RT: 7.05 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

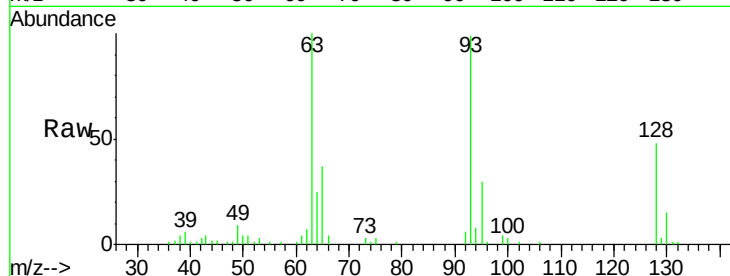
Tot Ion: 93 Resp: 75837

Ion Ratio Lower Upper

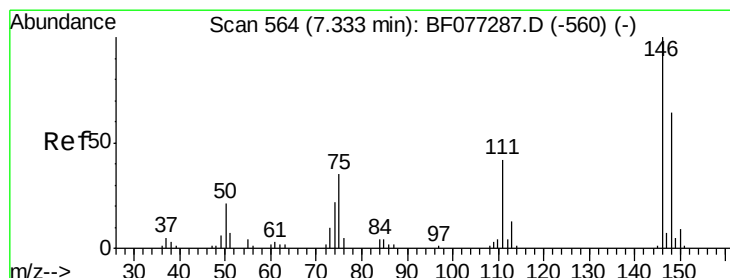
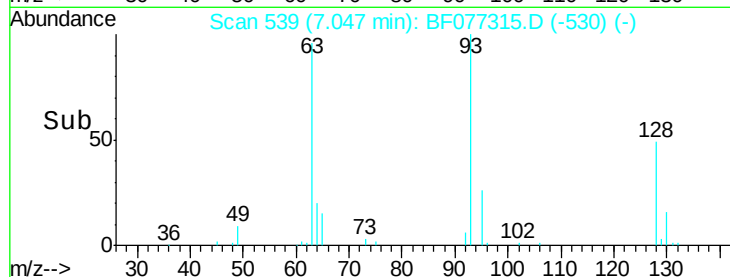
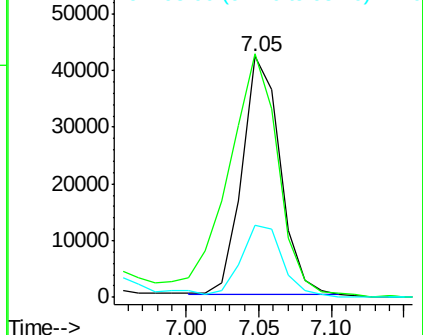
93 100

63 101.1 86.6 126.6

95 30.1 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: 36.68 ng

RT: 7.33 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

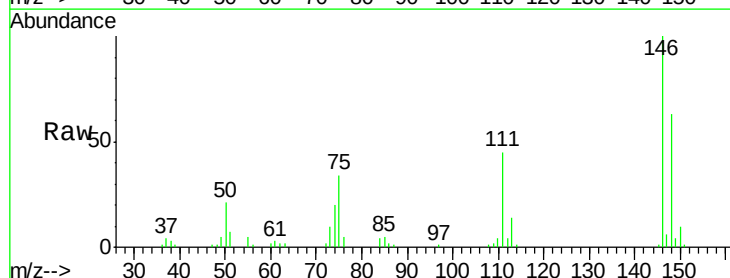
Tgt Ion: 146 Resp: 91671

Ion Ratio Lower Upper

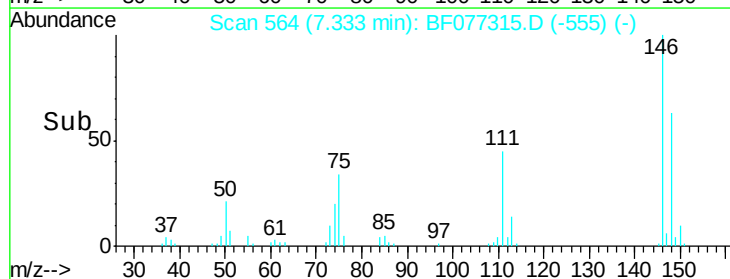
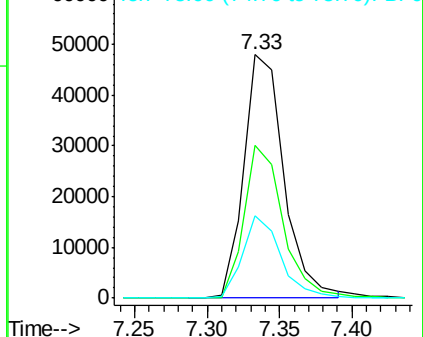
146 100

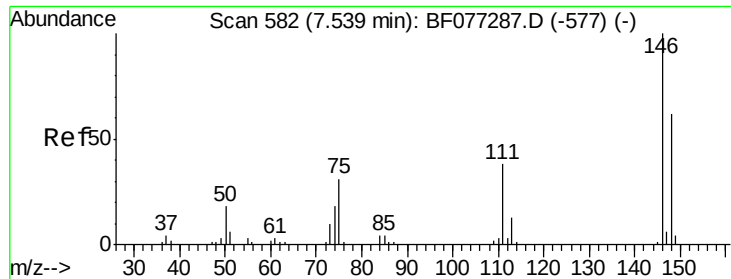
148 62.5 50.9 76.3

75 33.6 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

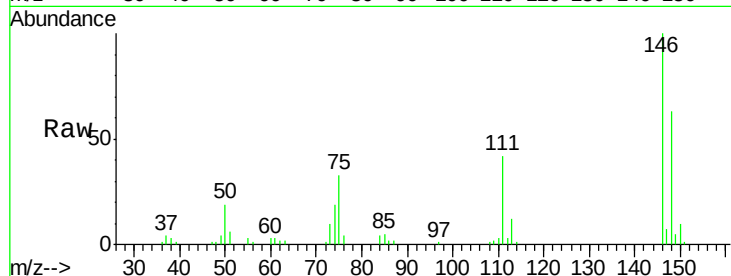




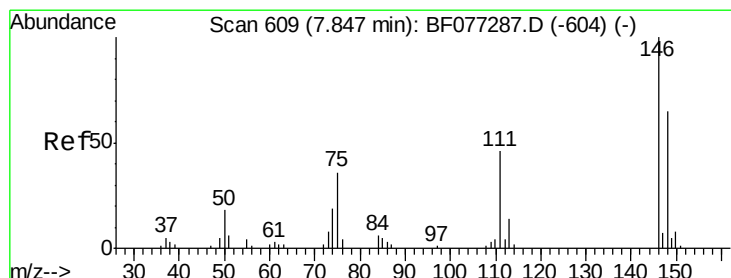
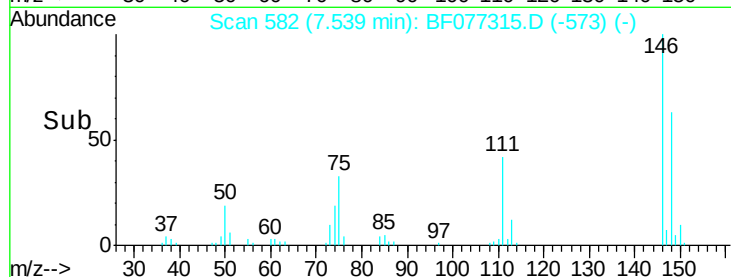
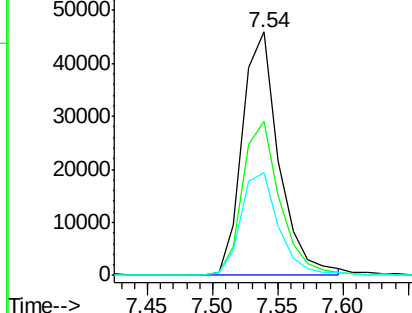
#13
 1,4-Dichlorobenzene
 Concen: 34.85 ng
 RT: 7.54 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF077315.D
 Acq: 13 Feb 2015 19:07

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

Tot Ion:146 Resp: 89816
 Ion Ratio Lower Upper
 146 100
 148 63.1 49.8 74.6
 111 42.1 30.2 45.2

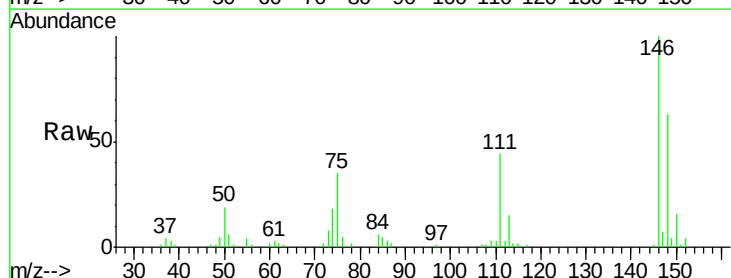


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

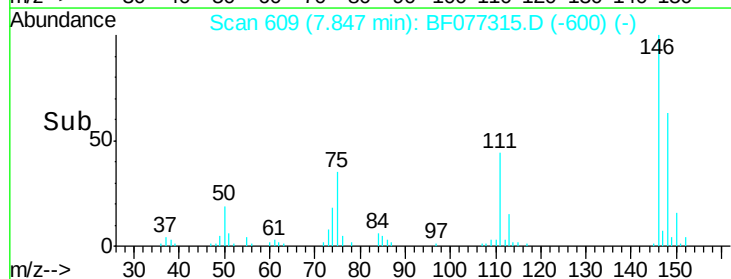
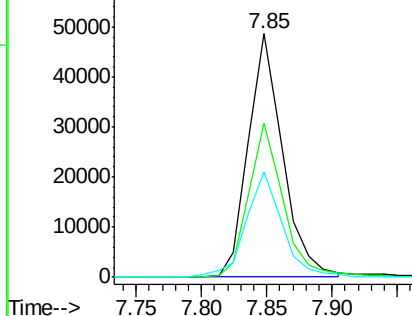


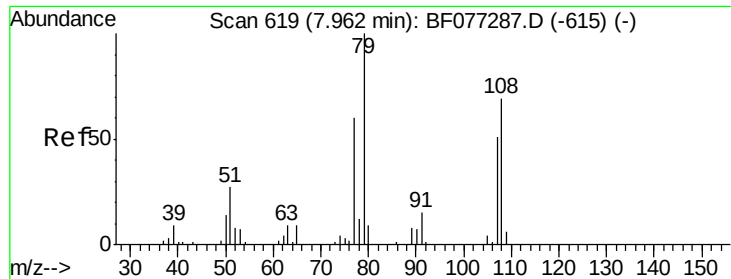
#14
 1,2-Dichlorobenzene
 Concen: 36.49 ng
 RT: 7.85 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF077315.D
 Acq: 13 Feb 2015 19:07

Tgt Ion:146 Resp: 89106
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.0 78.0
 111 43.5 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: 38.02 ng

RT: 7.96 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

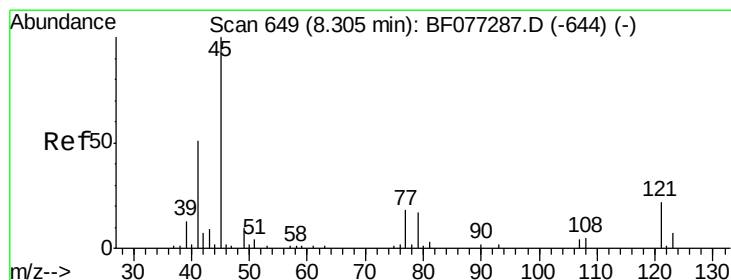
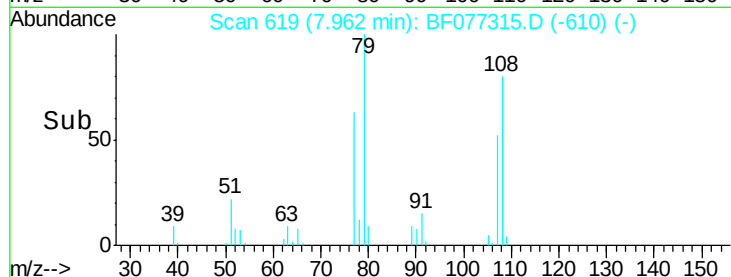
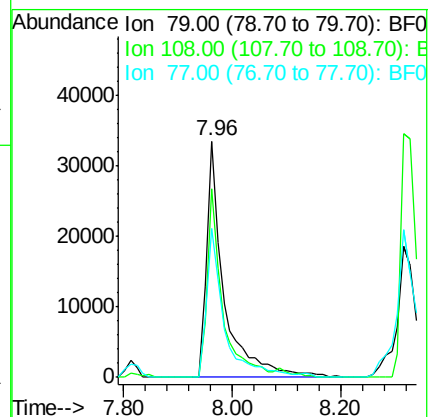
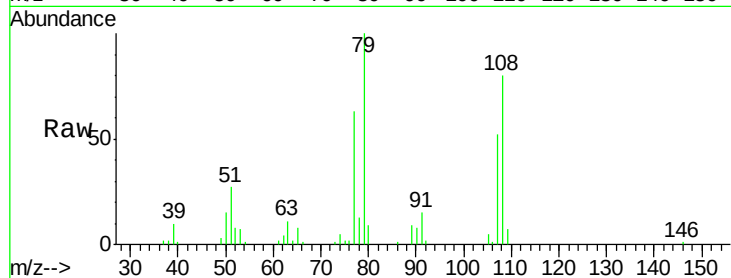
Tot Ion: 79 Resp: 74255

Ion Ratio Lower Upper

79 100

108 79.6 54.8 82.2

77 62.8 48.0 72.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.21 ng

RT: 8.30 min Scan# 649

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

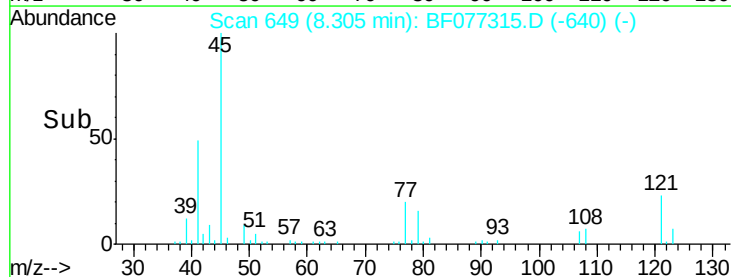
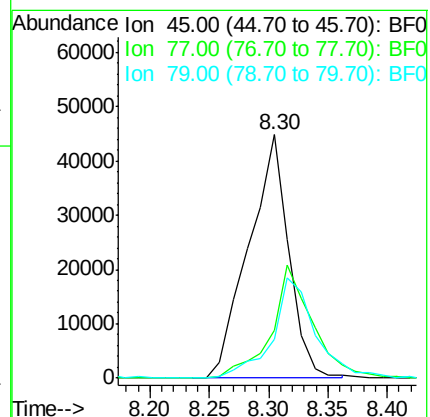
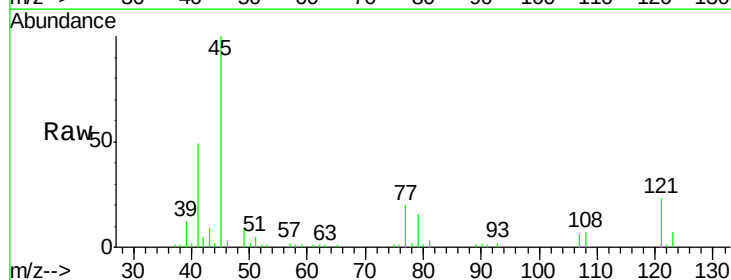
Tgt Ion: 45 Resp: 105332

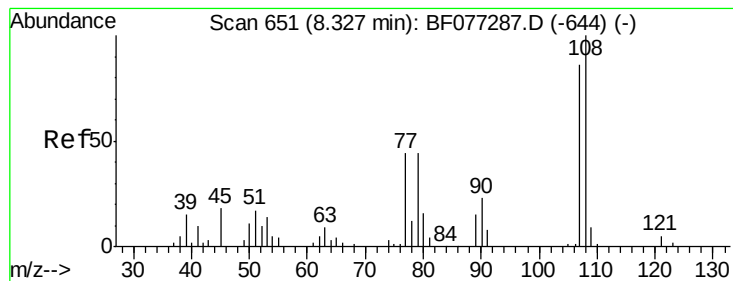
Ion Ratio Lower Upper

45 100

77 19.8 0.0 38.2

79 16.1 0.0 37.0

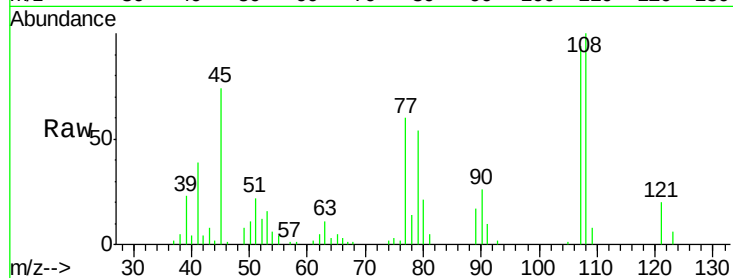




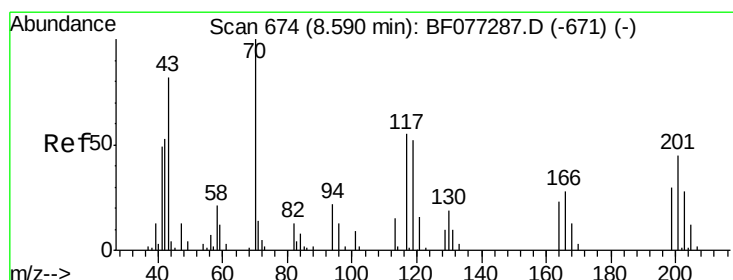
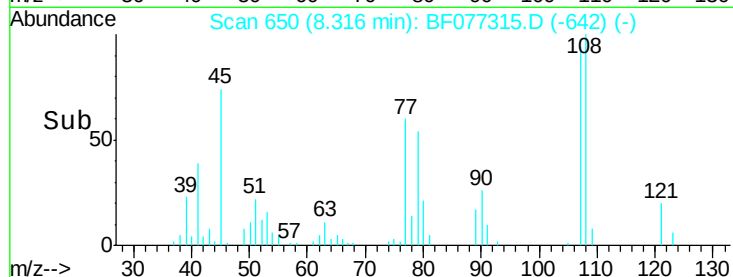
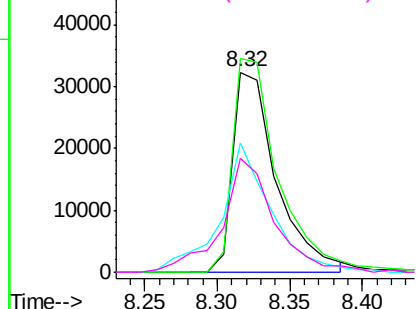
#17
2-Methylphenol
Concen: 38.81 ng
RT: 8.32 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

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

Tot Ion:107 Resp: 67863
Ion Ratio Lower Upper
107 100
108 106.9 93.2 139.8
77 64.6 41.3 61.9#
79 57.3 40.9 61.3

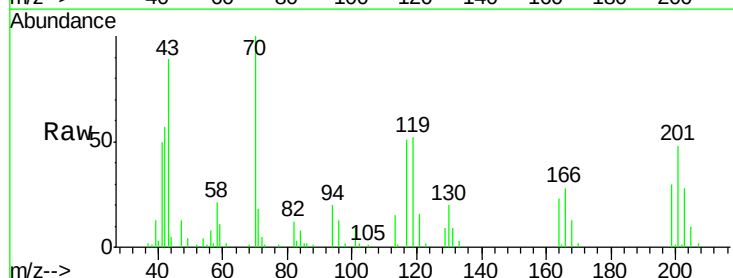


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

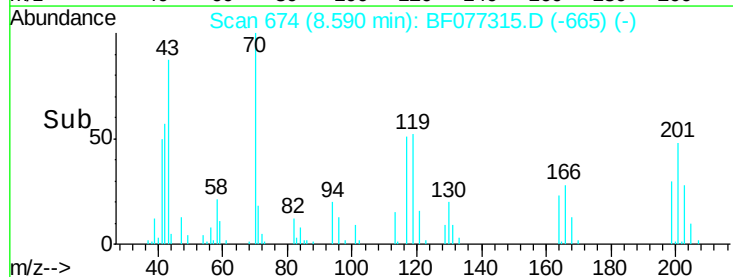
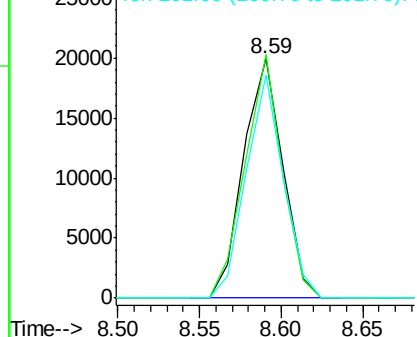


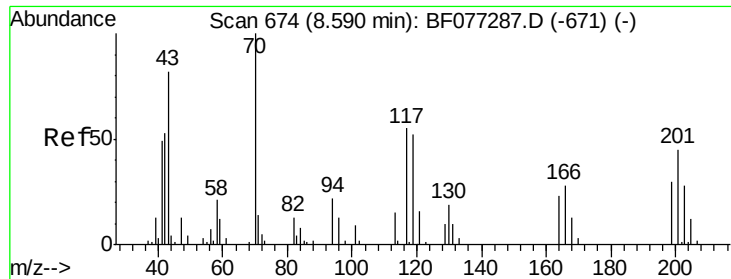
#18
Hexachloroethane
Concen: 35.66 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:117 Resp: 33385
Ion Ratio Lower Upper
117 100
119 101.7 75.5 113.3
201 93.2 64.3 96.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

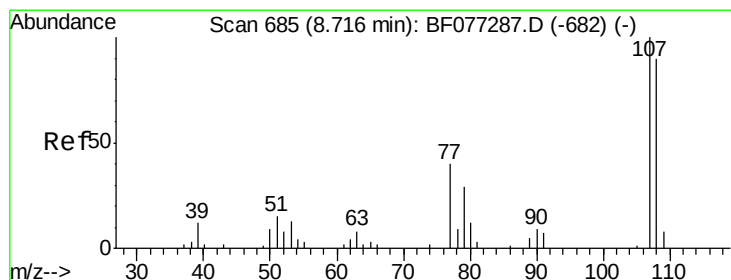
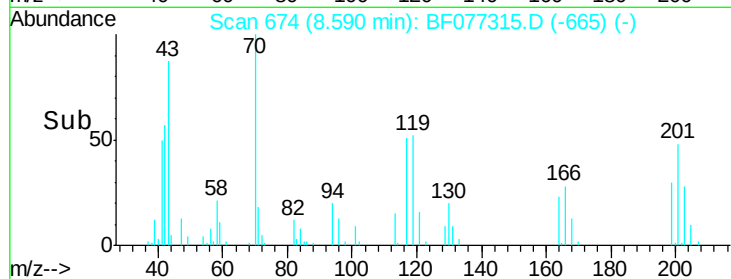
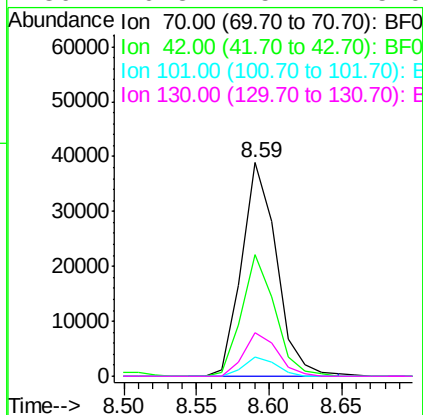
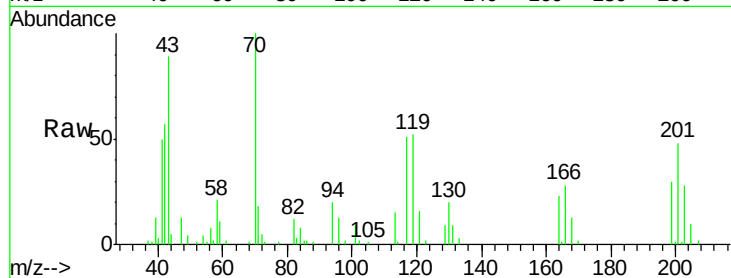




#19
n-Nitroso-di-n-propylamine
Concen: 37.50 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

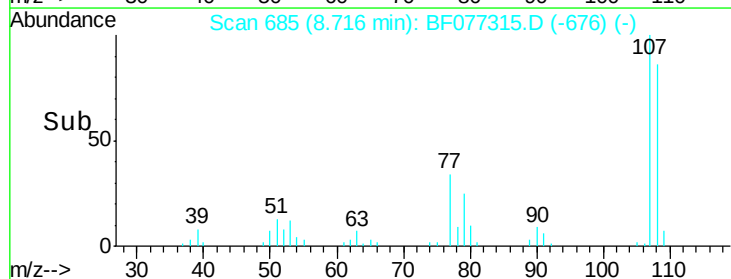
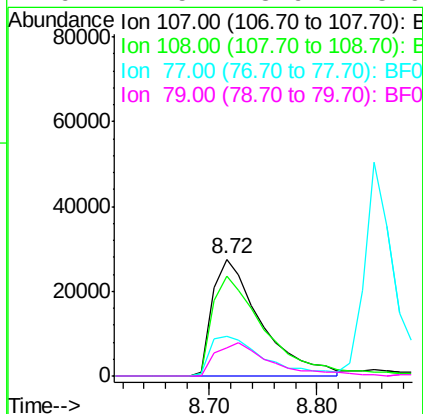
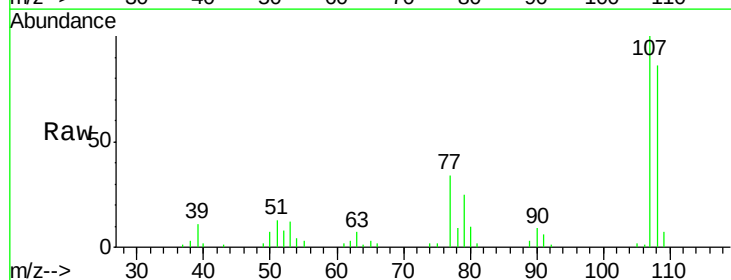
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MSD

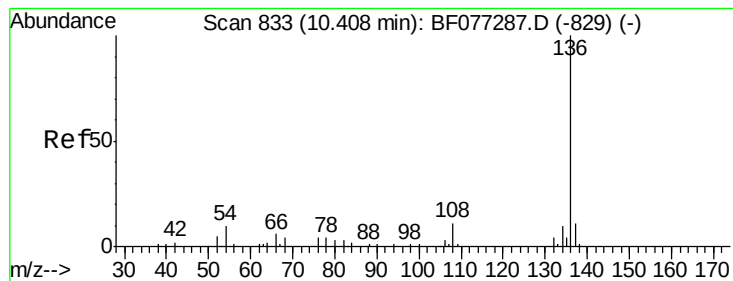
Tot Ion: 70 Resp: 65020
Ion Ratio Lower Upper
70 100
42 57.1 42.8 64.2
101 8.9 7.4 11.2
130 20.3 15.4 23.0



#20
3+4-Methylphenols
Concen: 37.85 ng m
RT: 8.72 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion: 107 Resp: 85318
Ion Ratio Lower Upper
107 100
108 85.5 69.7 109.7
77 33.5 19.5 59.5
79 24.5 8.9 48.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.41 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

Tot Ion:136 Resp: 132906

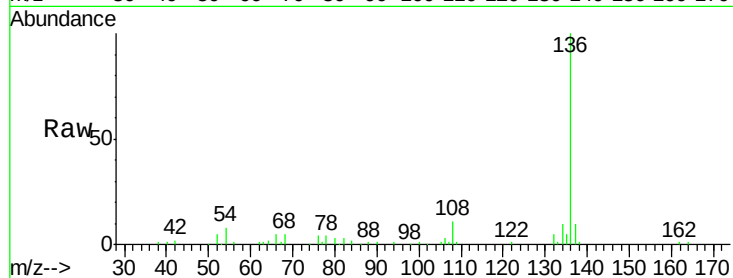
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 8.1 8.2 12.2#

68 4.5 3.1 4.7

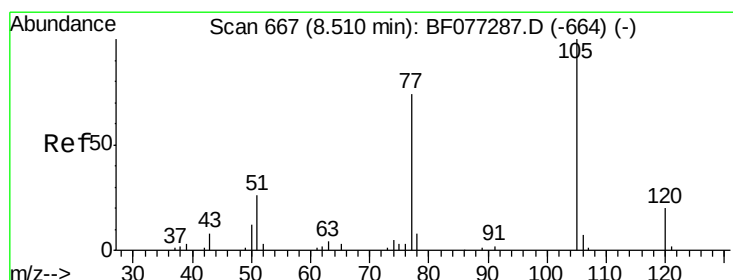
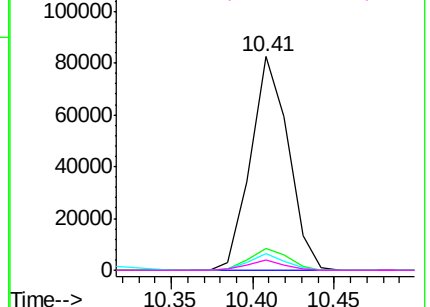
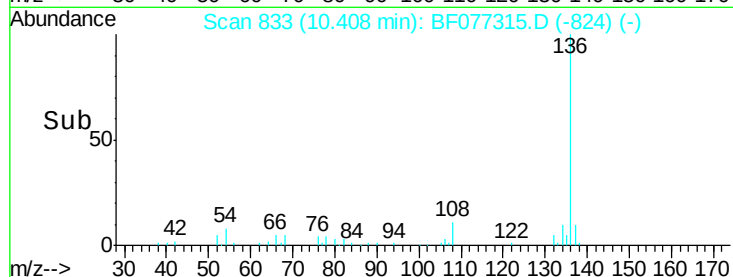


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.11 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Tgt Ion:105 Resp: 128029

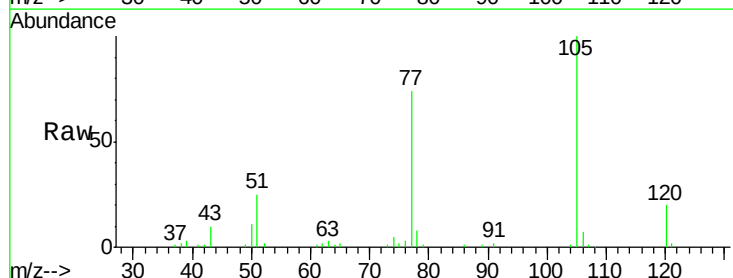
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 25.5 21.0 31.6

120 20.0 15.8 23.6

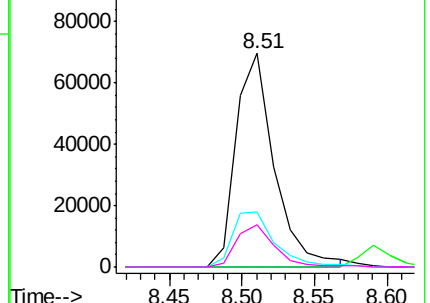
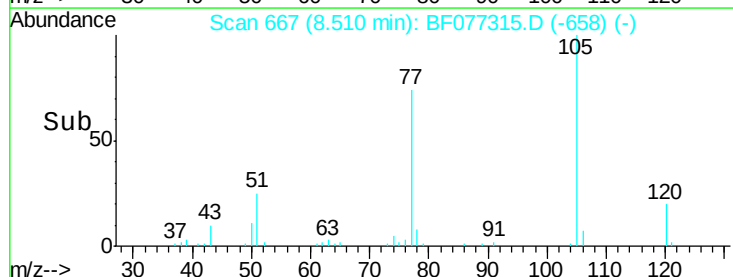


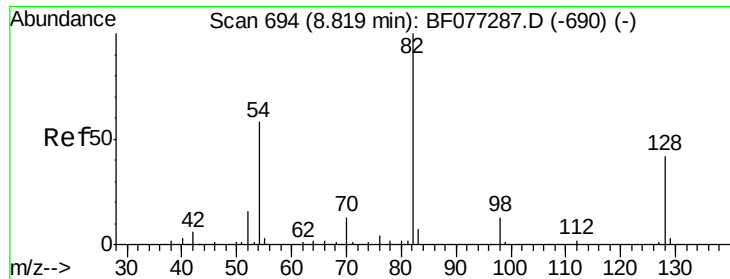
Abundance Ion 105.00 (104.70 to 105.70): E

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

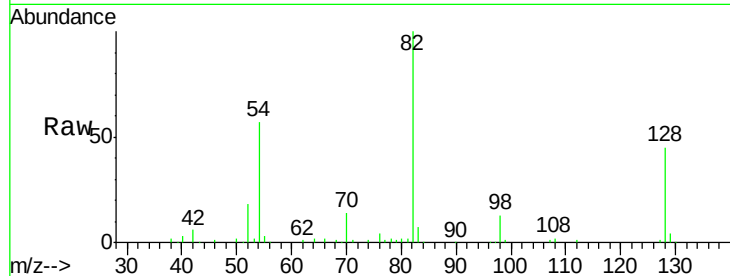




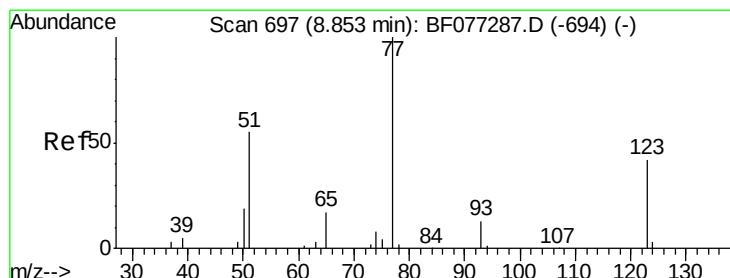
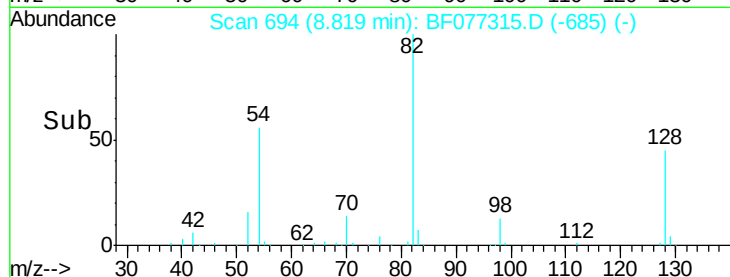
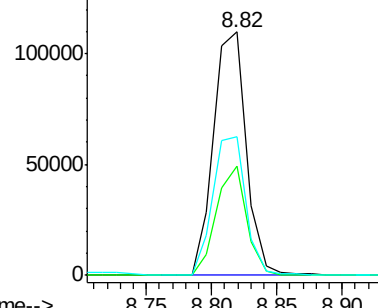
#23
 Nitrobenzene-d5
 Concen: 82.53 ng
 RT: 8.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF077315.D
 Acq: 13 Feb 2015 19:07

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

Tot Ion	82	Resp	192029
Ion Ratio	100	Lower	Upper
128	44.7	33.6	50.4
54	56.7	46.2	69.2

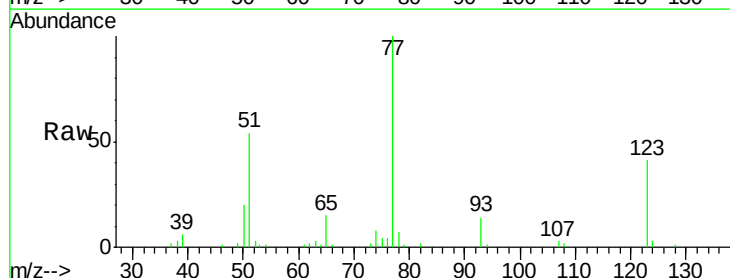


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

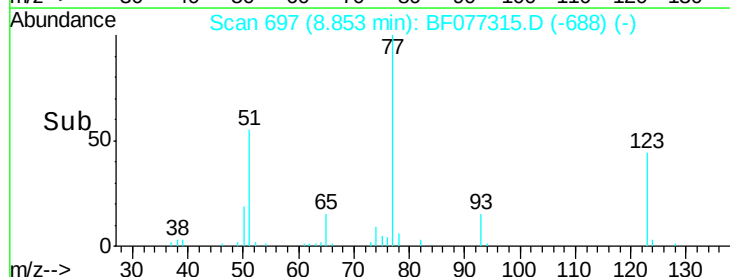
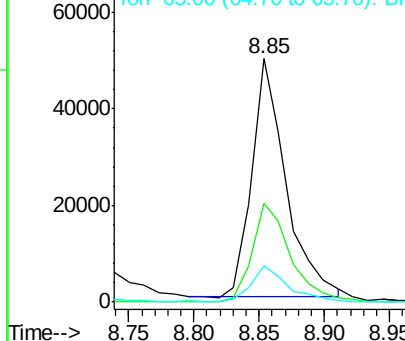


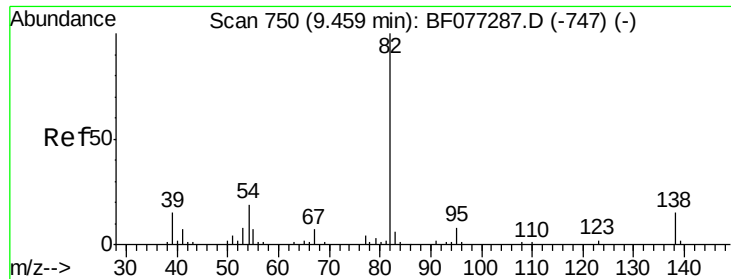
#24
 Nitrobenzene
 Concen: 38.77 ng
 RT: 8.85 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF077315.D
 Acq: 13 Feb 2015 19:07

Tgt Ion	77	Resp	89444
Ion Ratio	100	Lower	Upper
123	40.5	33.1	49.7
65	14.9	13.0	19.6



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





#25

Isophorone

Concen: 40.11 ng

RT: 9.46 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

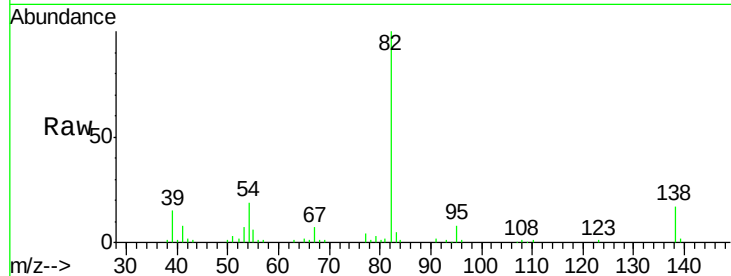
Tot Ion: 82 Resp: 168226

Ion Ratio Lower Upper

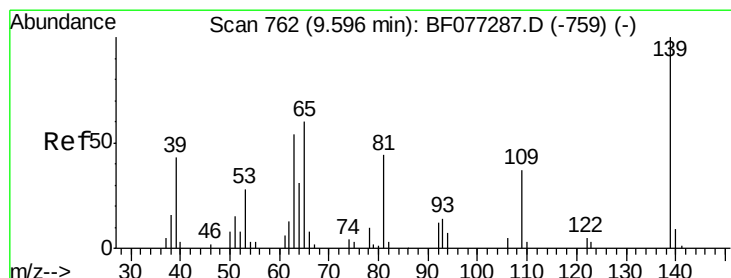
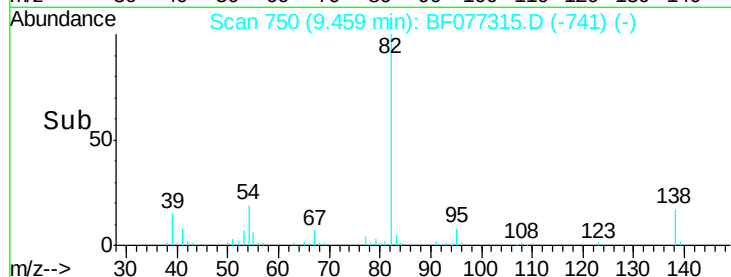
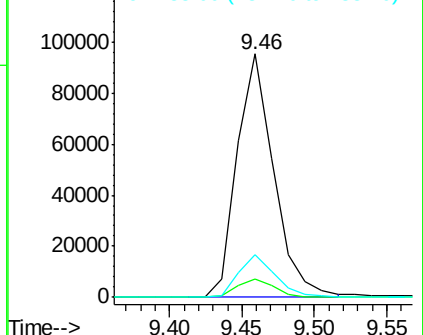
82 100

95 7.7 6.3 9.5

138 17.3 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: 36.87 ng

RT: 9.60 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

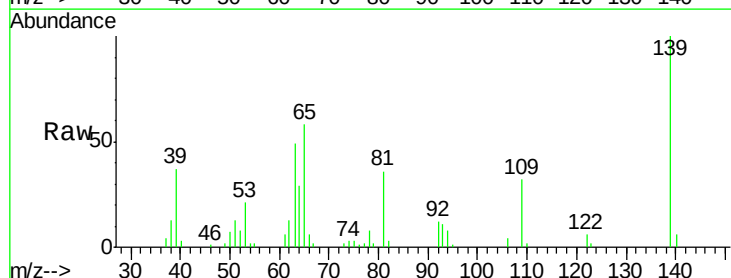
Tgt Ion: 139 Resp: 41866

Ion Ratio Lower Upper

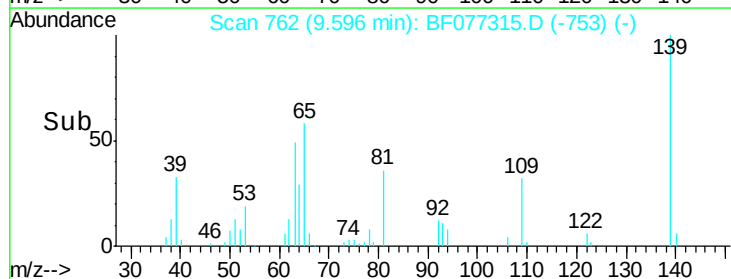
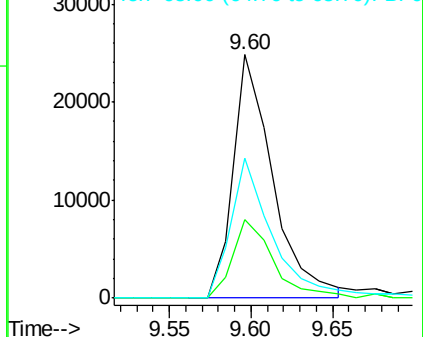
139 100

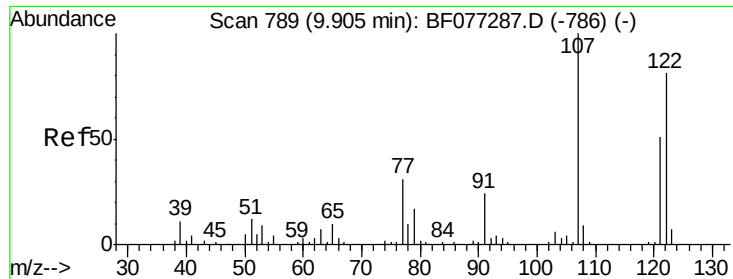
109 32.2 29.4 44.2

65 57.7 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): BF0

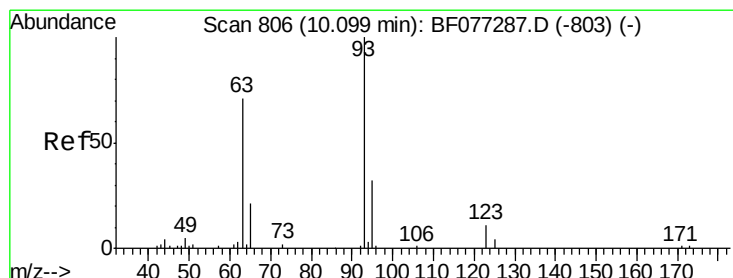
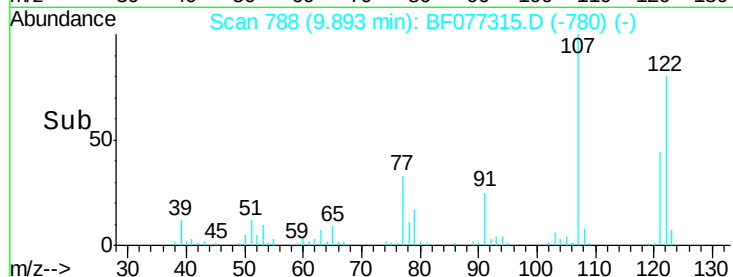
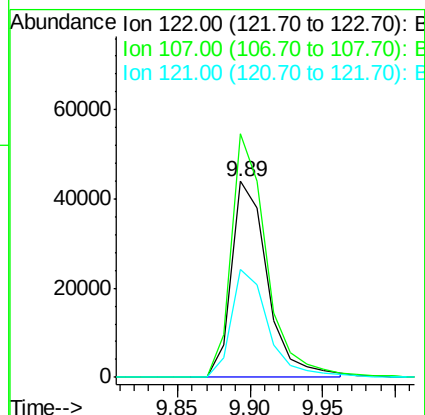
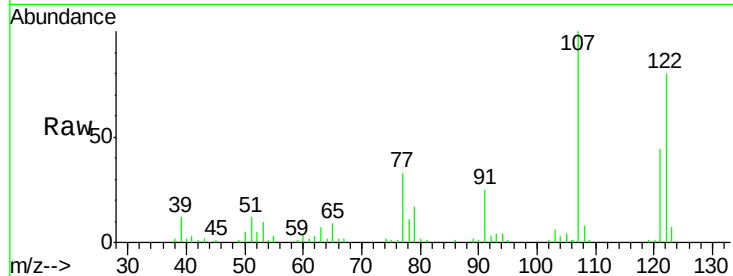




#27
 2,4-Dimethylphenol
 Concen: 40.30 ng
 RT: 9.89 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF077315.D
 Acq: 13 Feb 2015 19:07

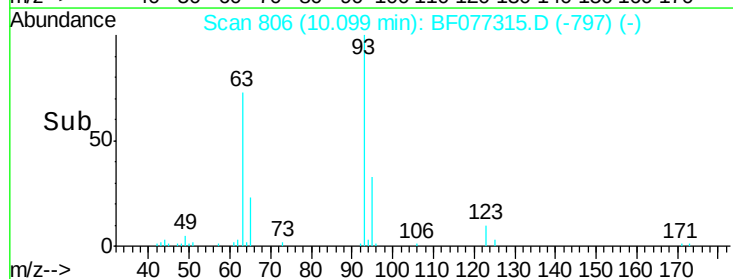
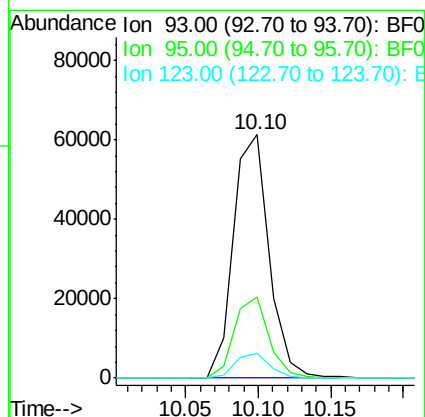
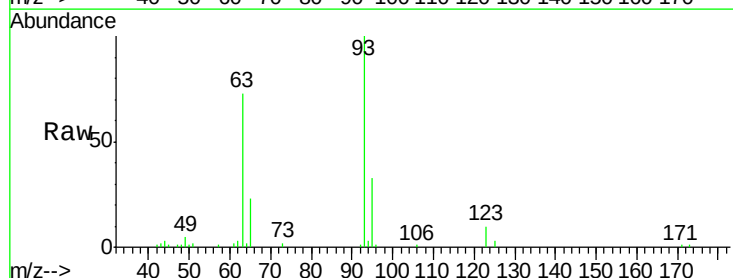
Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MSD

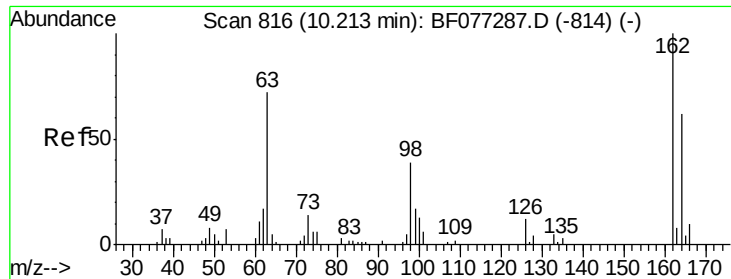
Tot Ion:122 Resp: 75965
 Ion Ratio Lower Upper
 122 100
 107 124.3 99.1 148.7
 121 55.2 50.2 75.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.00 ng
 RT: 10.10 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF077315.D
 Acq: 13 Feb 2015 19:07

Tgt Ion: 93 Resp: 104684
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.4 38.2
 123 10.1 8.5 12.7

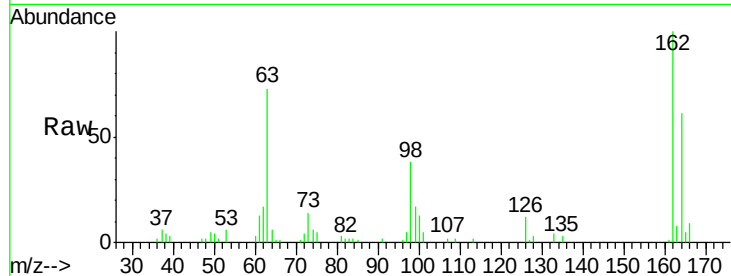




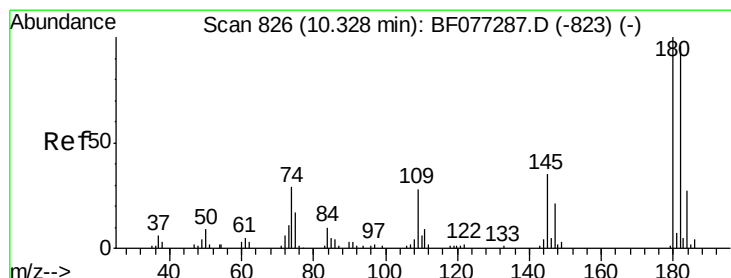
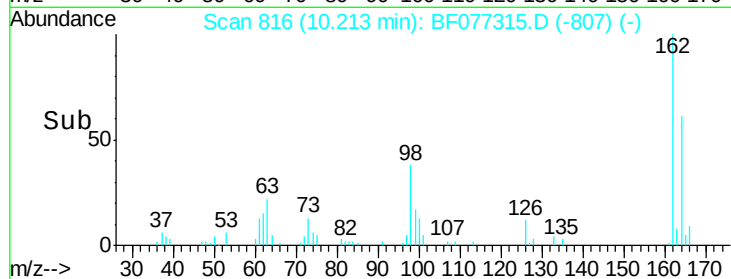
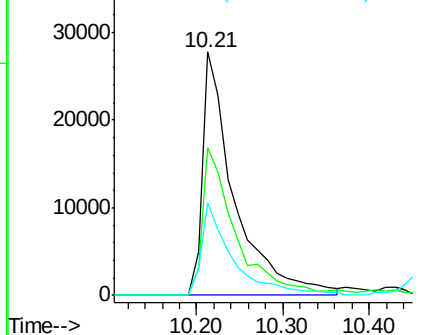
#29
 2,4-Dichlorophenol
 Concen: 41.35 ng/mL
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF077315.D
 Acq: 13 Feb 2015 19:07

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

Tot Ion:162 Resp: 71216
 Ion Ratio Lower Upper
 162 100
 164 60.9 41.9 81.9
 98 38.0 19.3 59.3

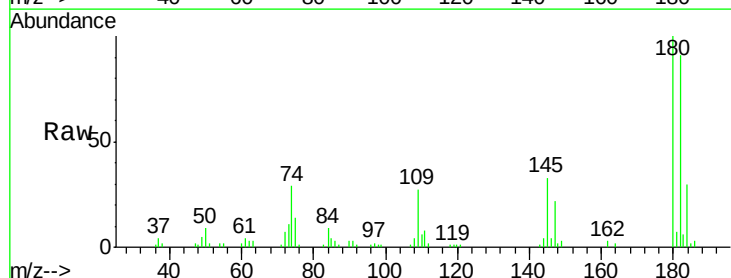


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

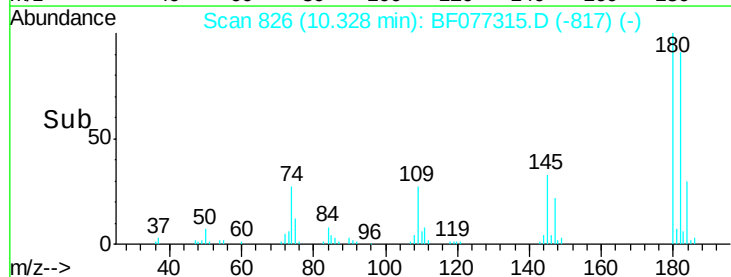
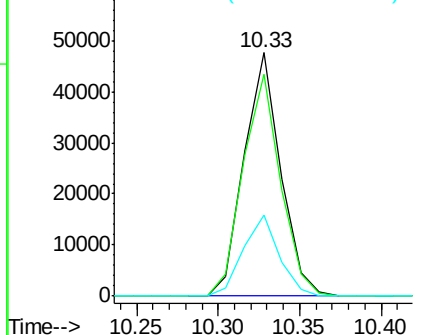


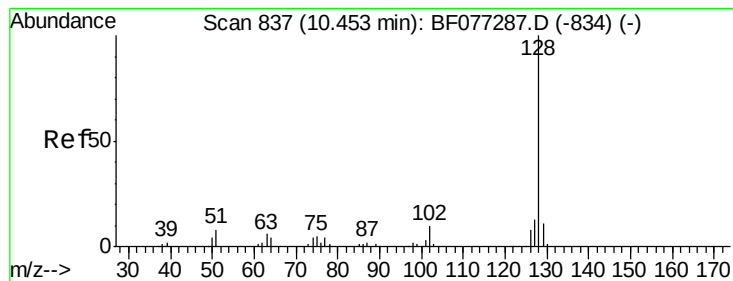
#30
 1,2,4-Trichlorobenzene
 Concen: 38.04 ng/mL
 RT: 10.33 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF077315.D
 Acq: 13 Feb 2015 19:07

Tgt Ion:180 Resp: 74077
 Ion Ratio Lower Upper
 180 100
 182 91.0 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: 38.23 ng

RT: 10.45 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

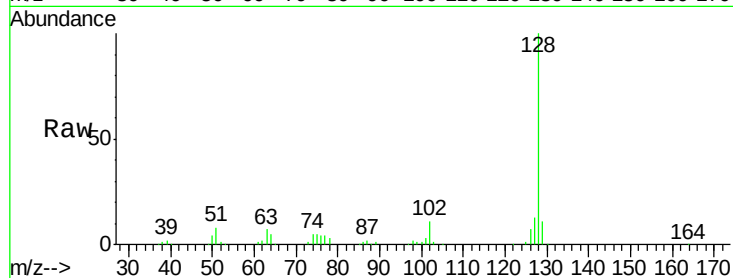
Tot Ion:128 Resp: 250794

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

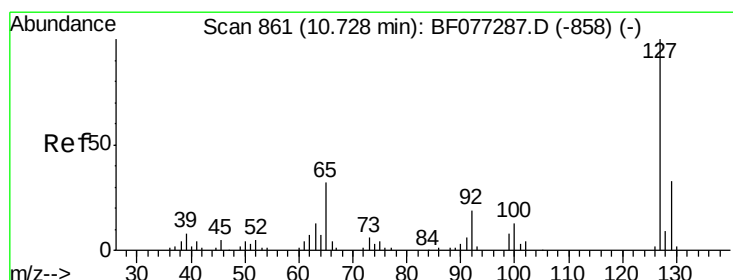
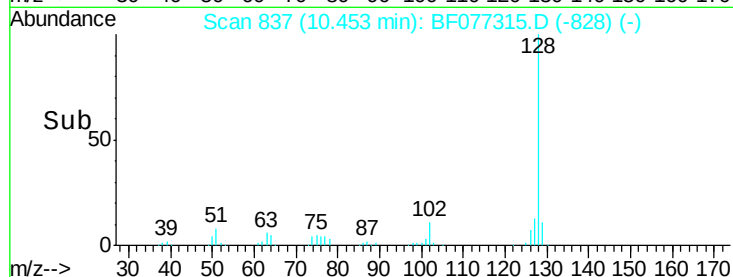
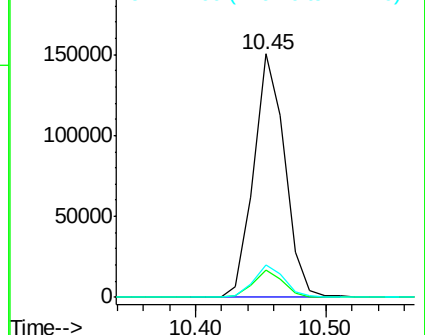
127 13.4 10.4 15.6



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: 23.42 ng m

RT: 10.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Tgt Ion:127 Resp: 61969

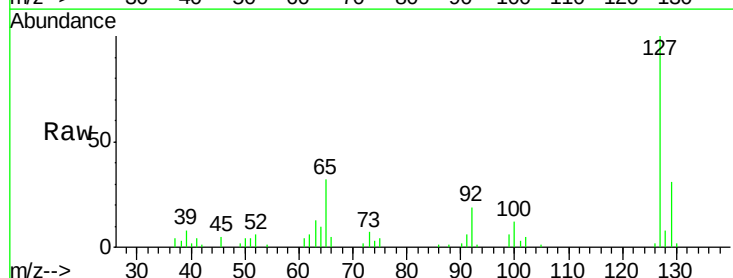
Ion Ratio Lower Upper

127 100

129 31.1 26.0 39.0

65 32.3 25.6 38.4

92 18.7 15.1 22.7

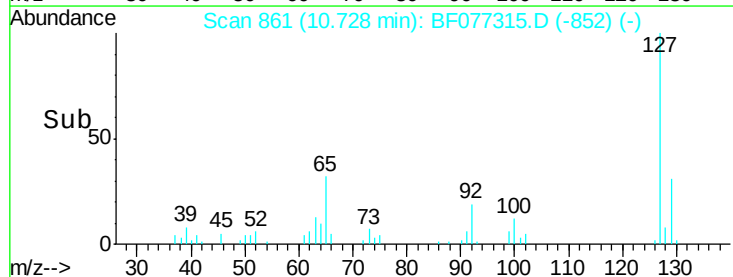
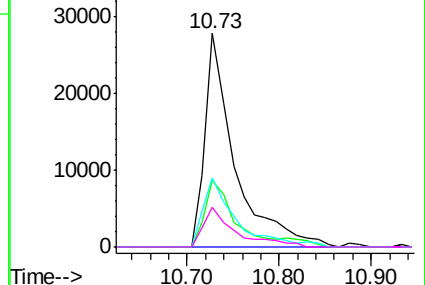


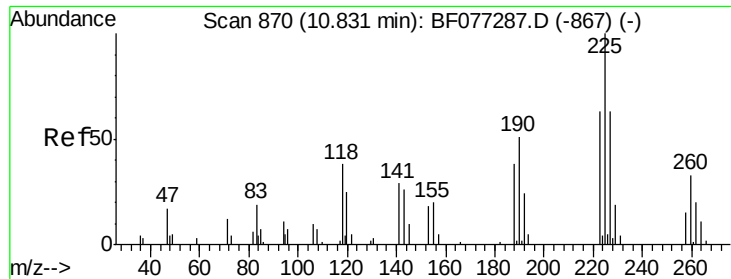
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

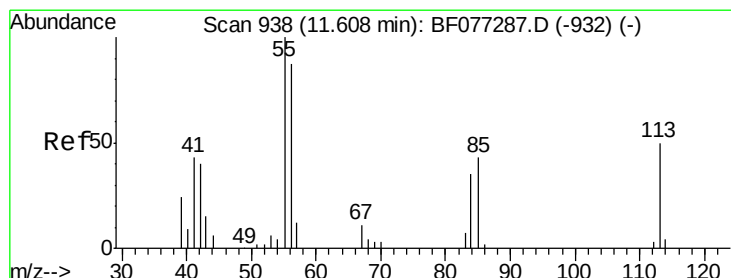
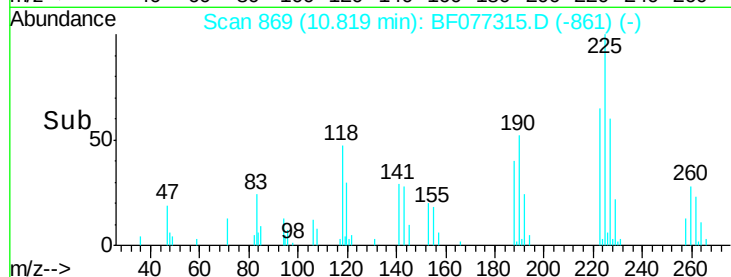
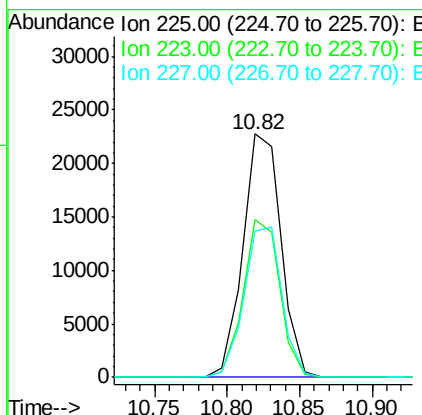
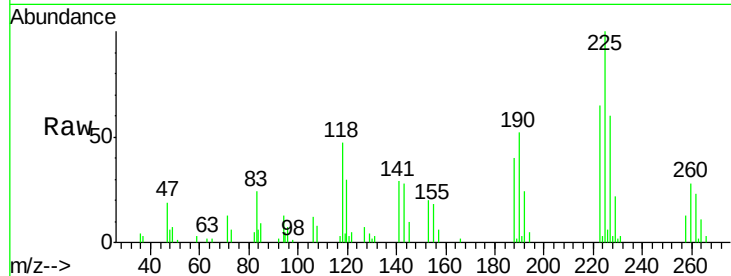




#34
Hexachlorobutadiene
Concen: 37.40 ng
RT: 10.82 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

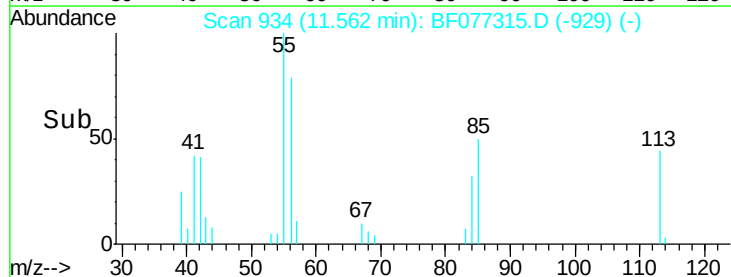
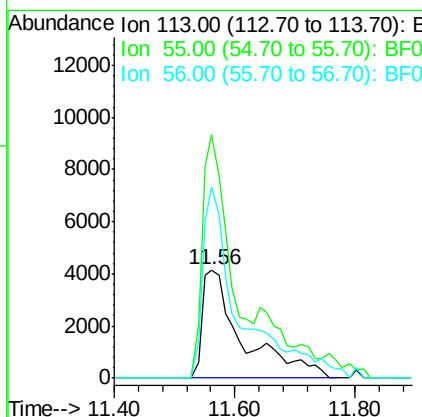
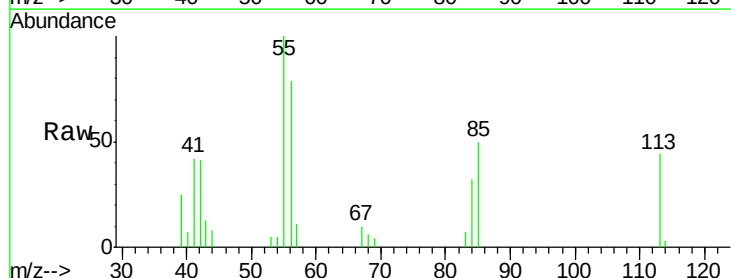
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MSD

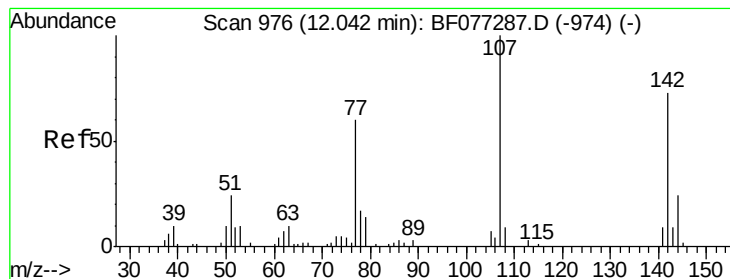
Tot Ion:225 Resp: 41373
Ion Ratio Lower Upper
225 100
223 65.1 50.2 75.4
227 60.3 50.2 75.2



#35
Caprolactam
Concen: 37.11 ng m
RT: 11.56 min Scan# 934
Delta R.T. -0.04 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:113 Resp: 19334
Ion Ratio Lower Upper
113 100
55 225.0 178.4 218.4#
56 176.8 152.8 192.8





#36

4-Chloro-3-methylphenol

Concen: 38.24 ng

RT: 12.04 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

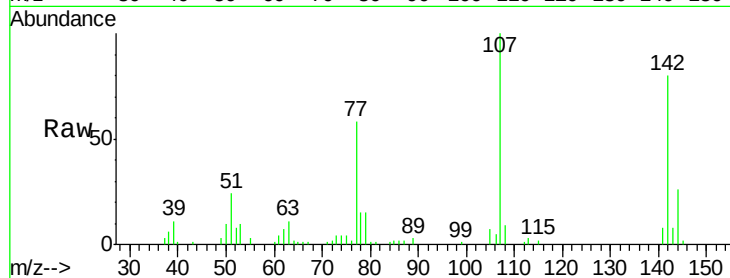
Tot Ion:107 Resp: 73687

Ion Ratio Lower Upper

107 100

144 25.6 19.2 28.8

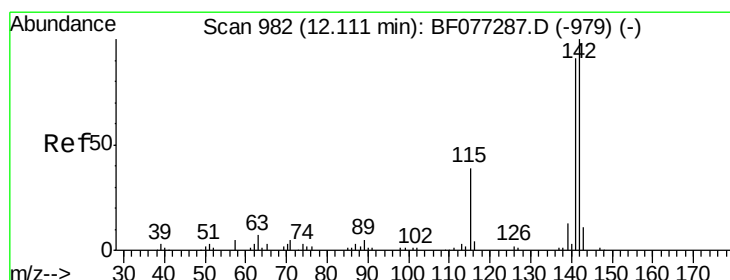
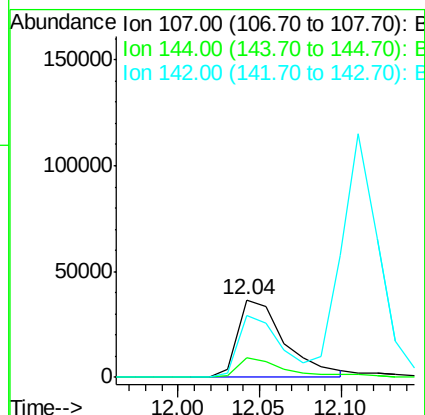
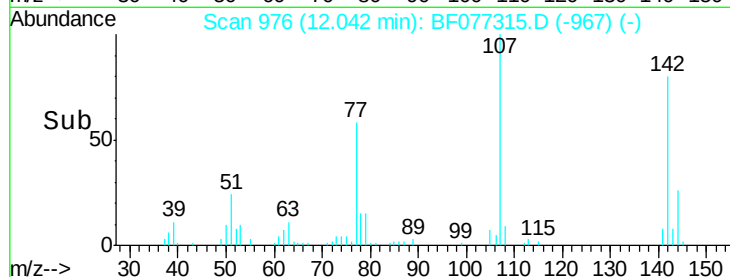
142 80.2 58.6 88.0



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: 36.85 ng

RT: 12.11 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

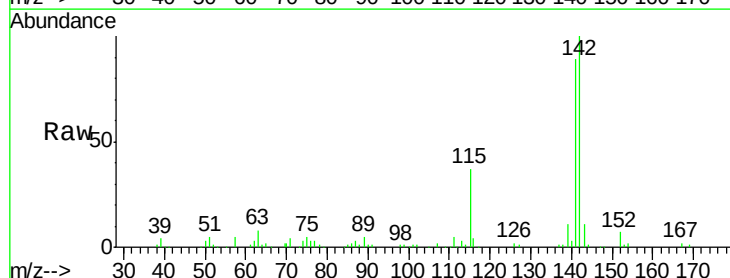
Tgt Ion:142 Resp: 181207

Ion Ratio Lower Upper

142 100

141 89.1 69.8 104.6

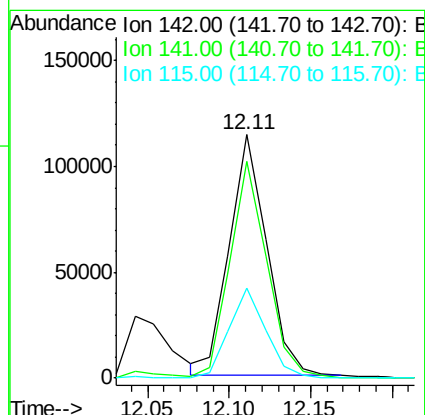
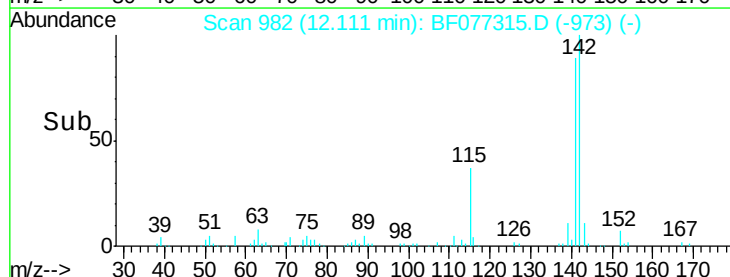
115 37.2 29.5 44.3

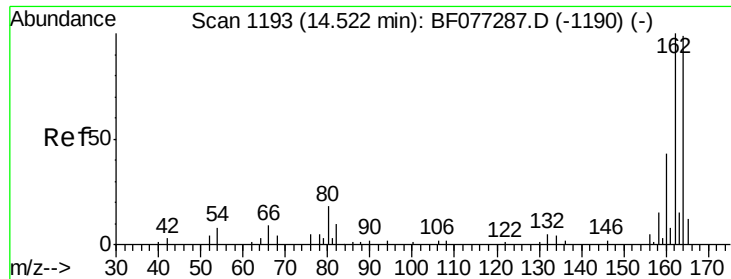


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.52 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

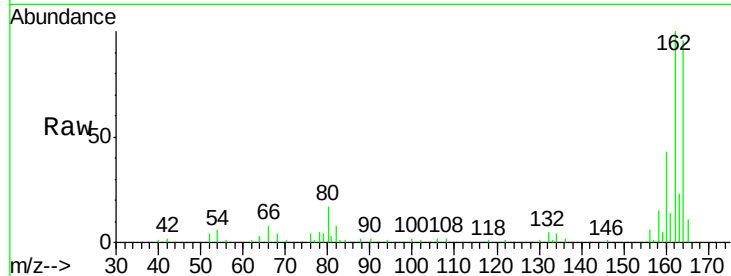
Tot Ion:164 Resp: 66396

Ion Ratio Lower Upper

164 100

162 104.0 81.0 121.4

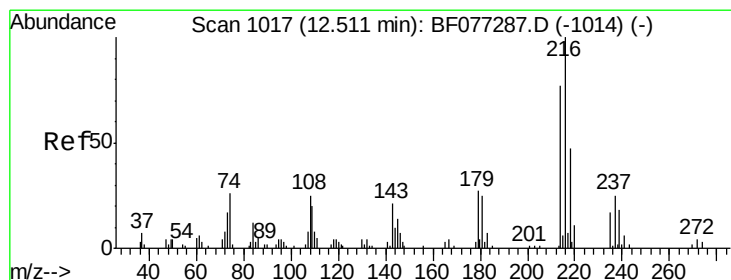
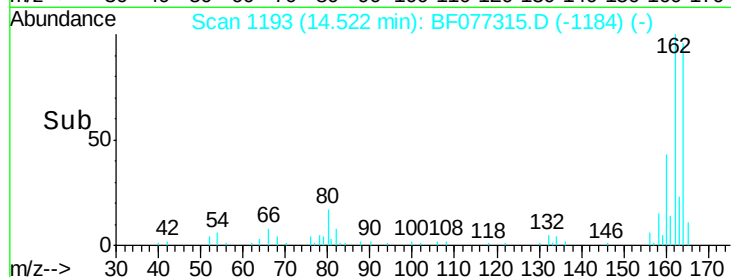
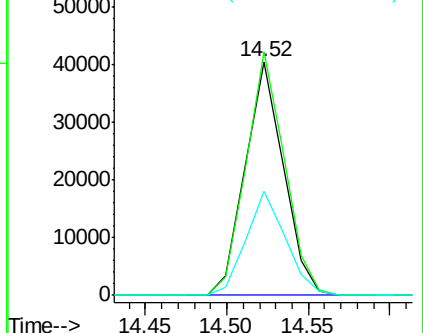
160 44.7 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.00 ng

RT: 12.51 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Tgt Ion:216 Resp: 70179

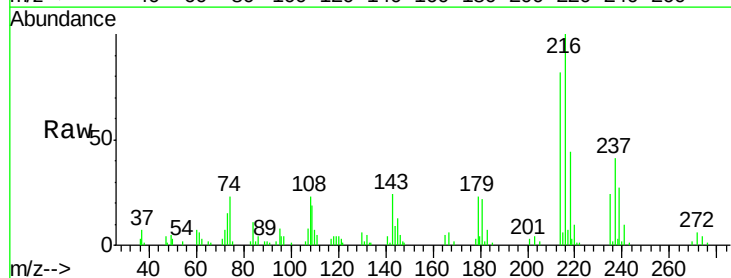
Ion Ratio Lower Upper

216 100

214 77.7 0.0 0.0#

179 22.6 0.0 0.0#

108 24.0 0.0 0.0#

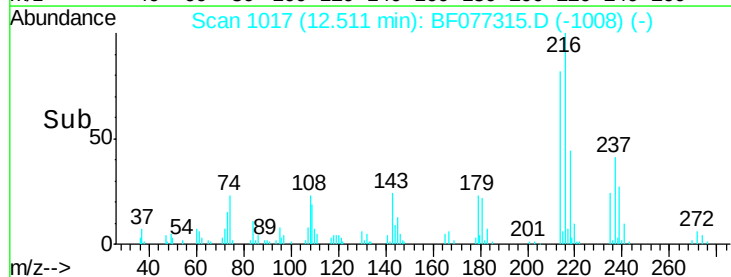
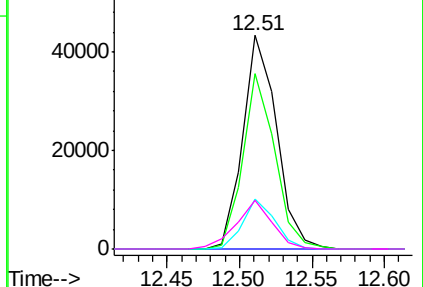


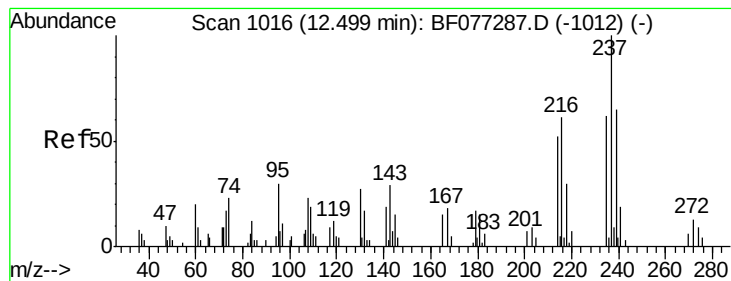
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 78.75 ng

RT: 12.50 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

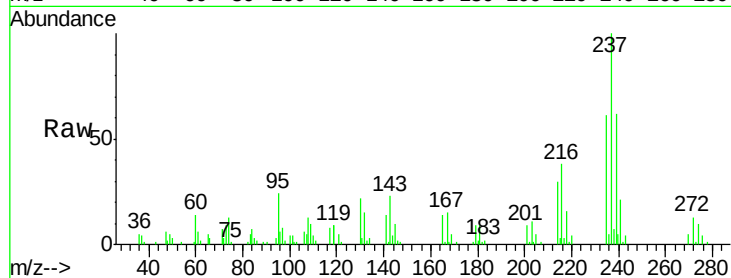
Tot Ion:237 Resp: 64656

Ion	Ratio	Lower	Upper
237	100		
235	61.4	42.0	82.0
272	12.5	0.0	33.3

237 100

235 61.4 42.0 82.0

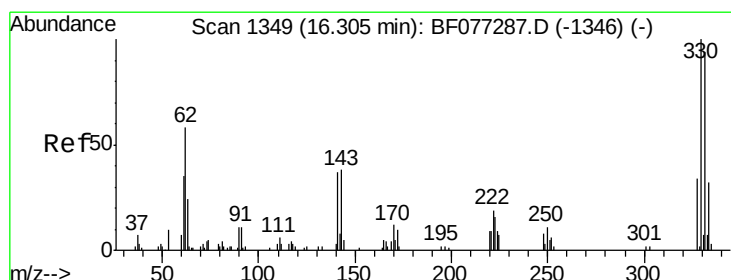
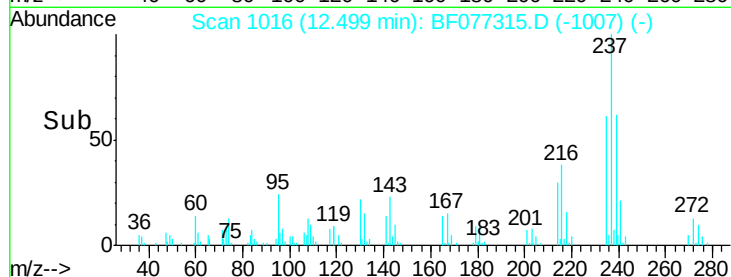
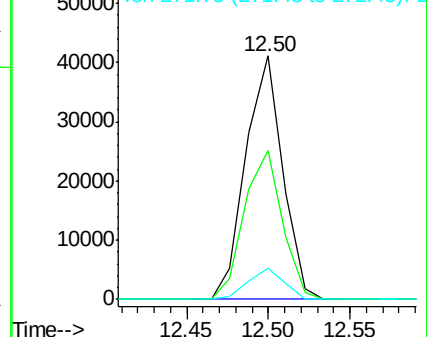
272 12.5 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 128.12 ng

RT: 16.29 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

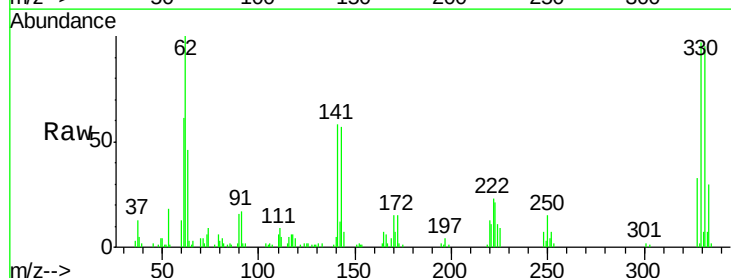
Tgt Ion:330 Resp: 69366

Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	51.3	0.0	0.0#

330 100

332 98.2 0.0 0.0#

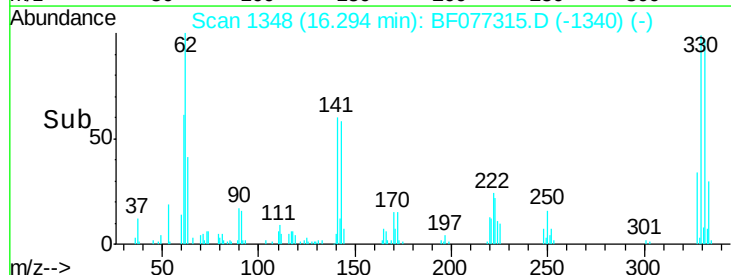
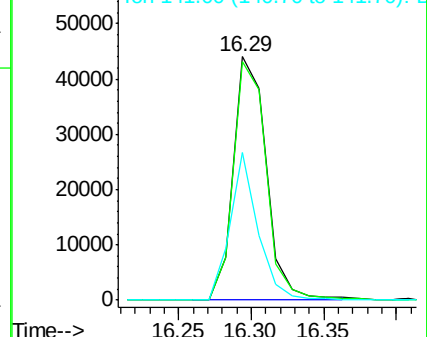
141 51.3 0.0 0.0#

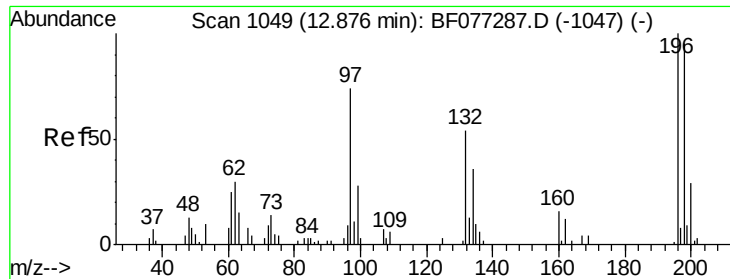


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

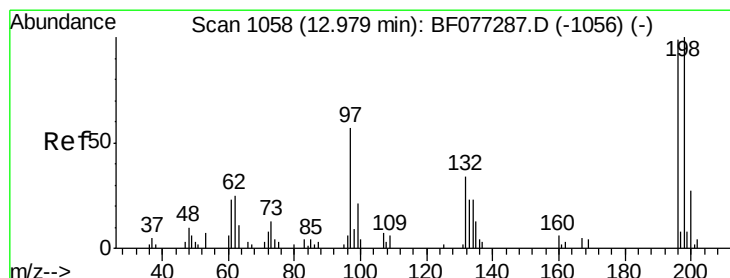
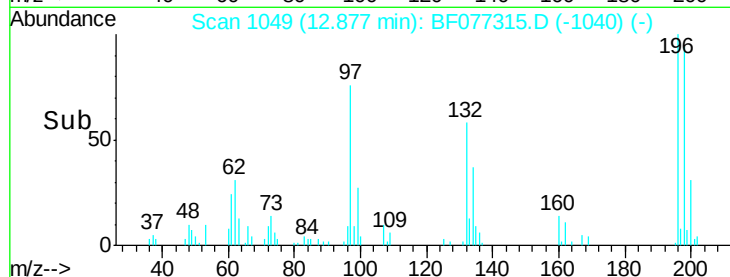
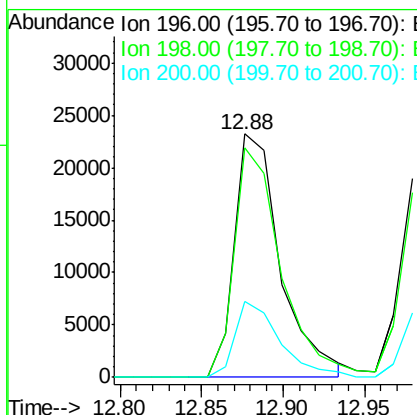
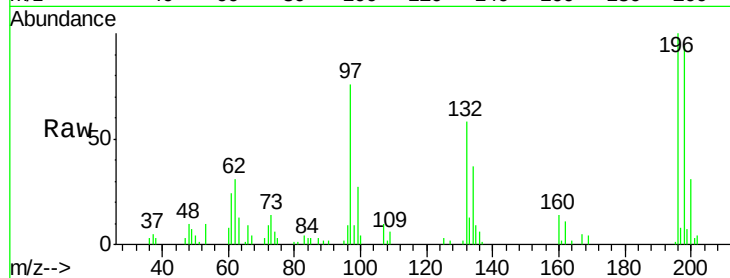




#42
 2,4,6-Trichlorophenol
 Concen: 41.37 ng
 RT: 12.88 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: BF077315.D
 Acq: 13 Feb 2015 19:07

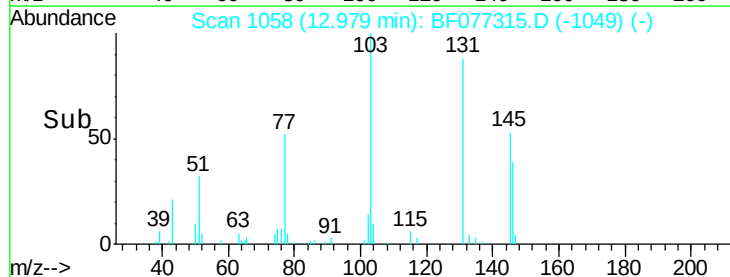
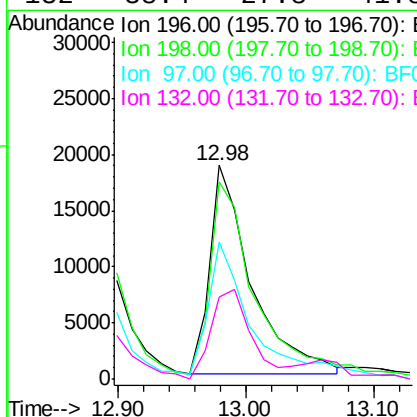
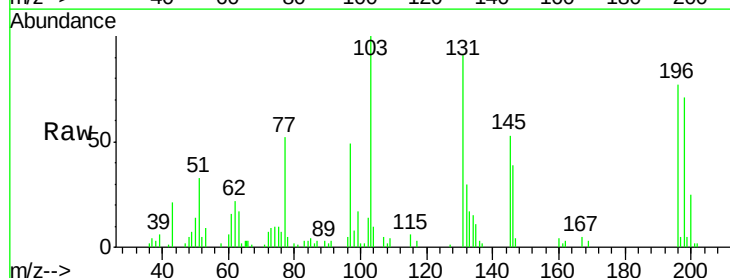
Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MSD

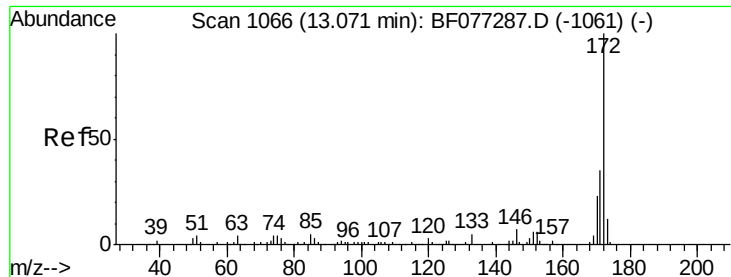
Tot Ion:196 Resp: 45421
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.8 113.8
 200 31.4 23.3 34.9



#43
 2,4,5-Trichlorophenol
 Concen: 38.88 ng m
 RT: 12.98 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BF077315.D
 Acq: 13 Feb 2015 19:07

Tgt Ion:196 Resp: 41845
 Ion Ratio Lower Upper
 196 100
 198 92.3 82.6 123.8
 97 63.9 47.3 70.9
 132 38.4 27.8 41.8

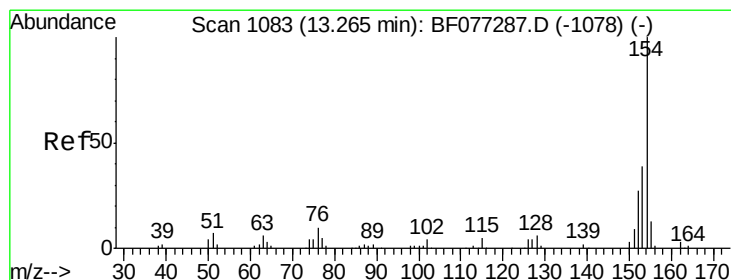
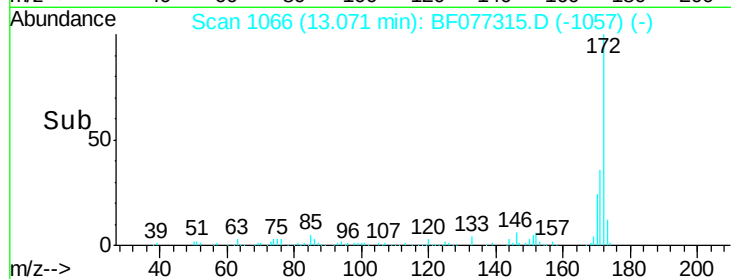
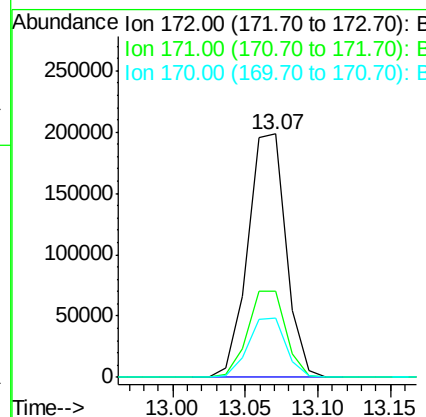
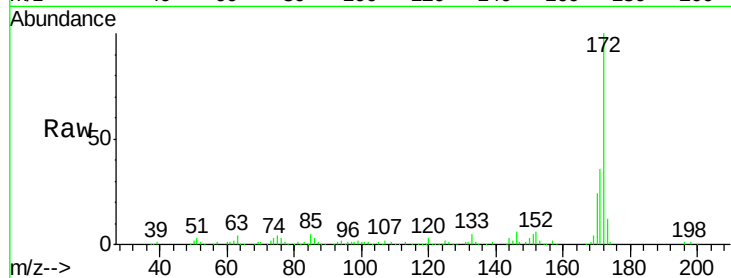




#44
2-Fluorobiphenyl
Concen: 82.00 ng
RT: 13.07 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

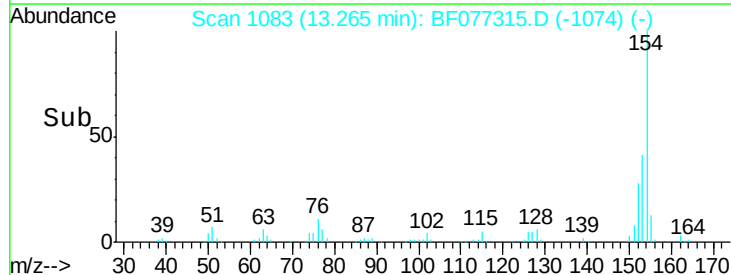
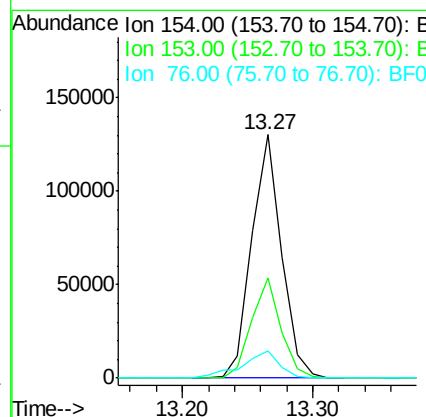
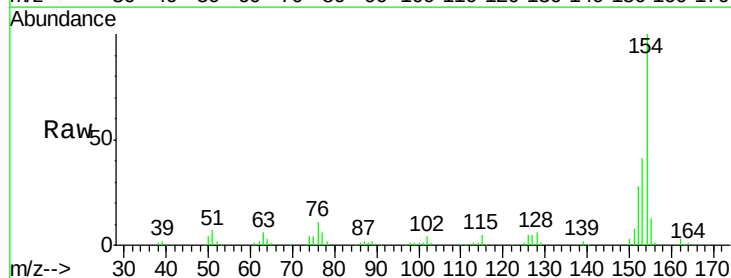
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MSD

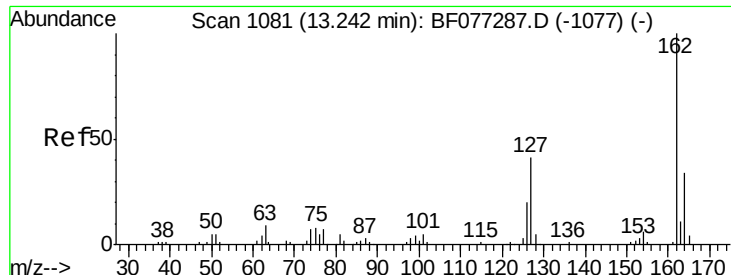
Tot Ion:172 Resp: 361738
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 24.5 18.3 27.5



#45
1,1'-Biphenyl
Concen: 40.55 ng
RT: 13.27 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:154 Resp: 207461
Ion Ratio Lower Upper
154 100
153 41.1 18.9 58.9
76 11.2 0.0 30.4

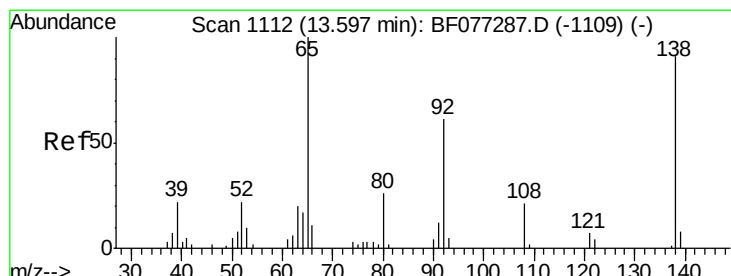
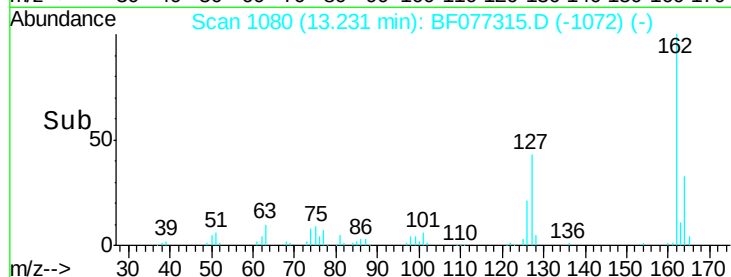
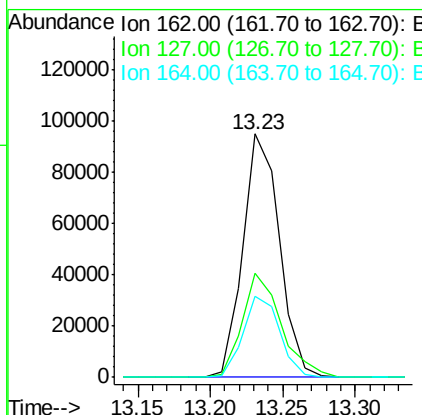
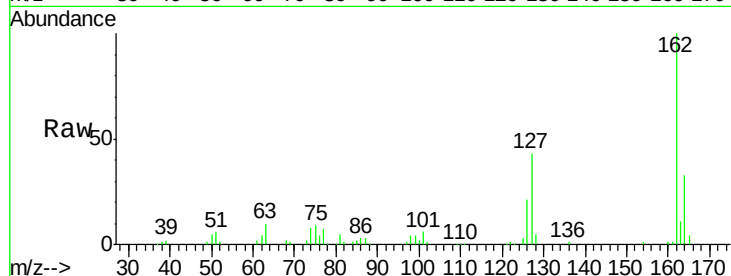




#46
2-Chloronaphthalene
Concen: 40.46 ng
RT: 13.23 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

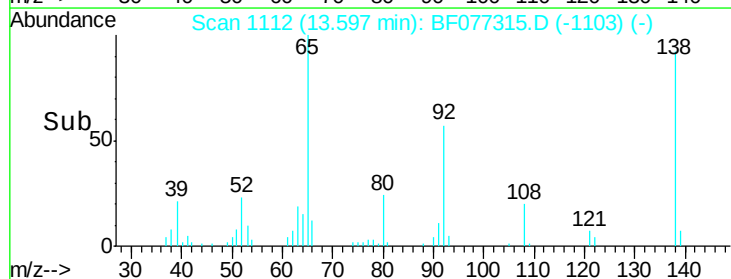
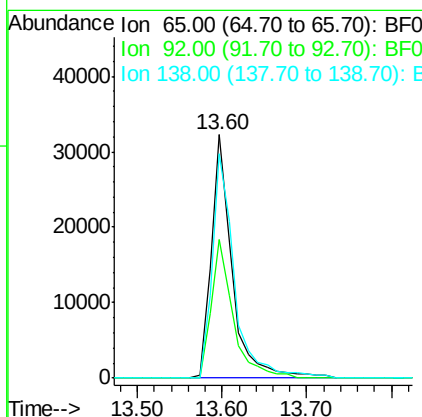
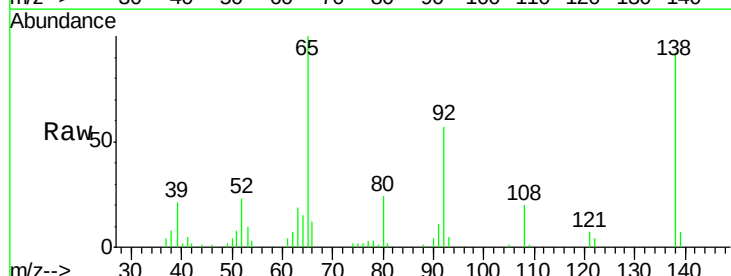
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MSD

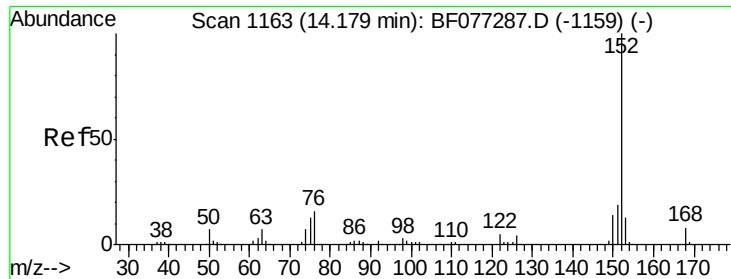
Tot Ion:162 Resp: 165315
Ion Ratio Lower Upper
162 100
127 43.0 32.6 48.8
164 33.2 27.0 40.6



#47
2-Nitroaniline
Concen: 46.64 ng m
RT: 13.60 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion: 65 Resp: 55684
Ion Ratio Lower Upper
65 100
92 57.2 48.7 73.1
138 92.2 72.5 108.7





#48

Acenaphthylene

Concen: 41.68 ng

RT: 14.18 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

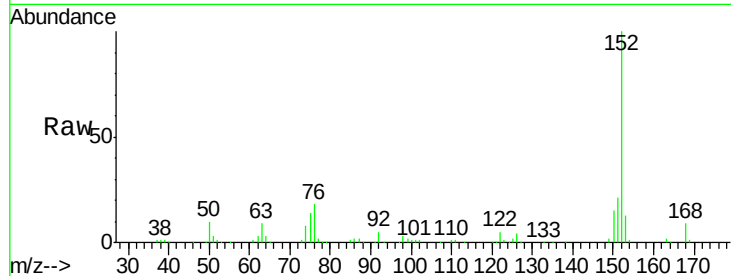
Tot Ion:152 Resp: 268731

Ion Ratio Lower Upper

152 100

151 20.5 15.3 22.9

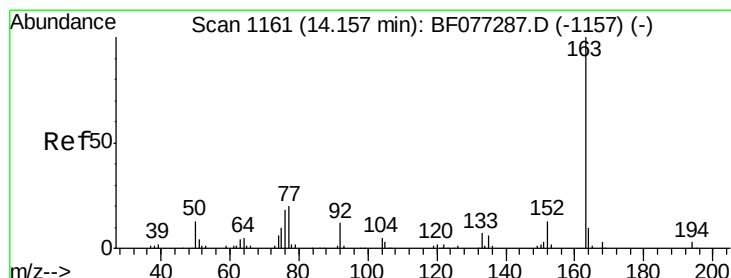
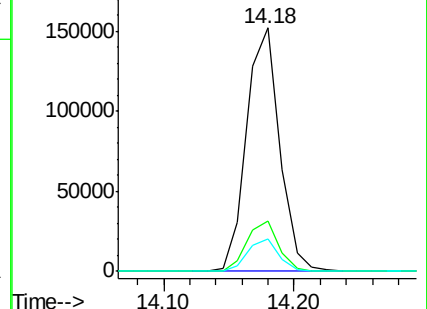
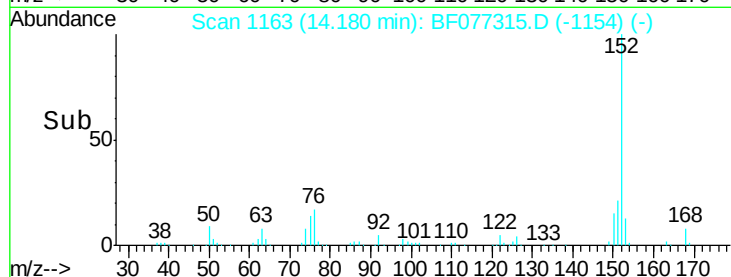
153 13.1 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 45.79 ng

RT: 14.16 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

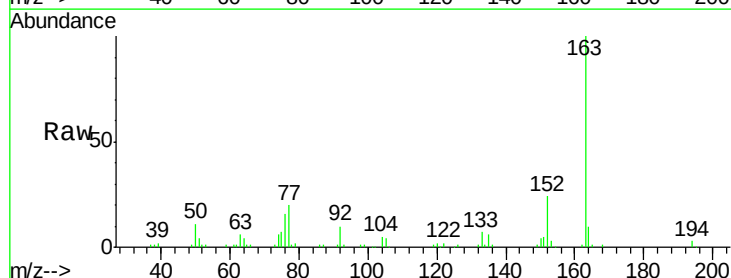
Tgt Ion:163 Resp: 219864

Ion Ratio Lower Upper

163 100

194 2.7 2.3 3.5

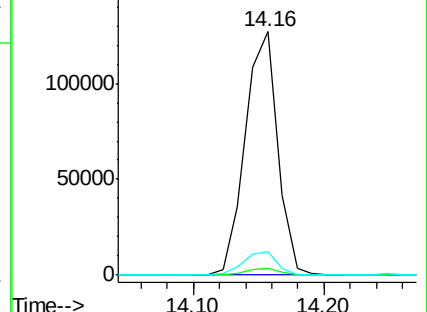
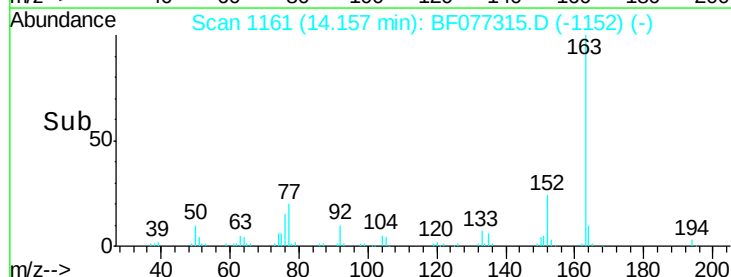
164 9.6 7.6 11.4

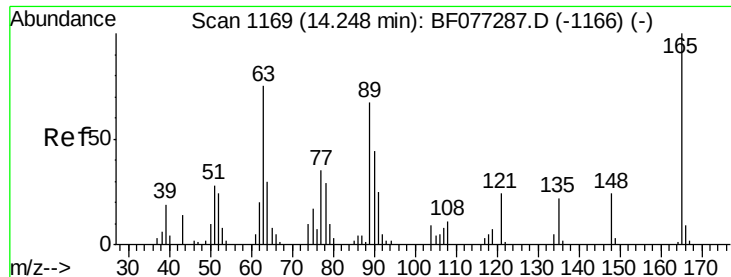


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

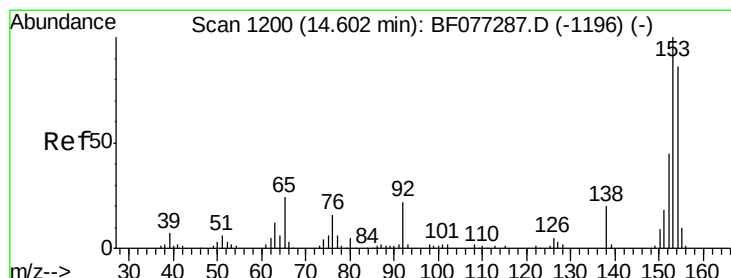
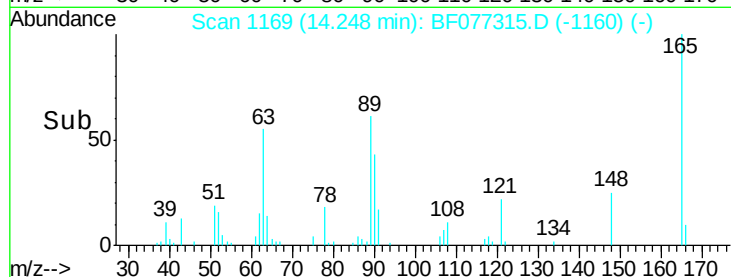
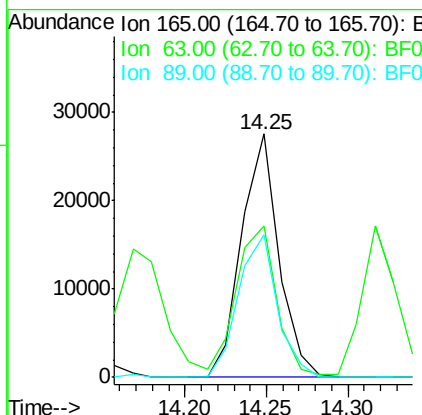
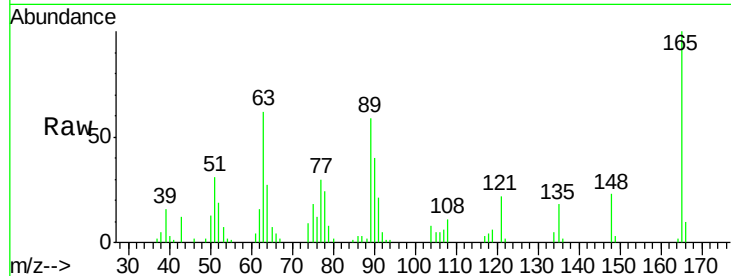




#50
2,6-Dinitrotoluene
Concen: 47.06 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

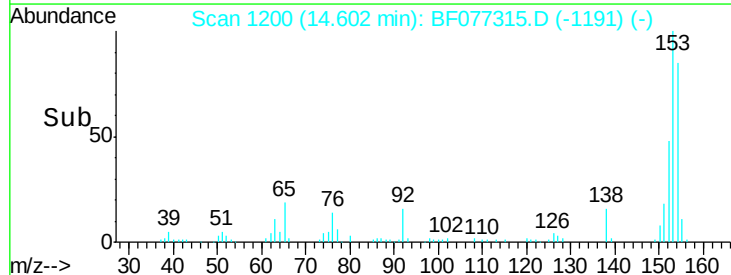
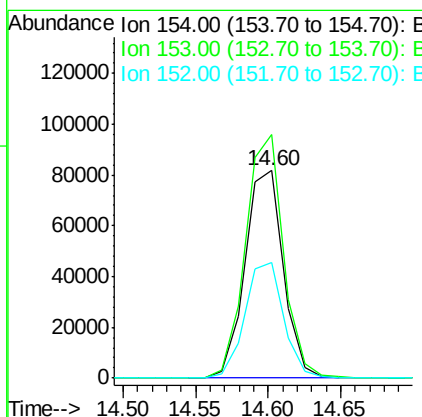
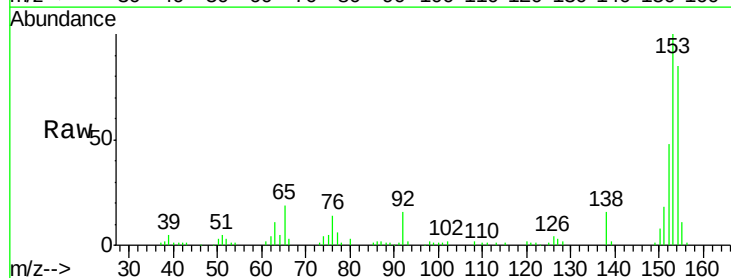
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MSD

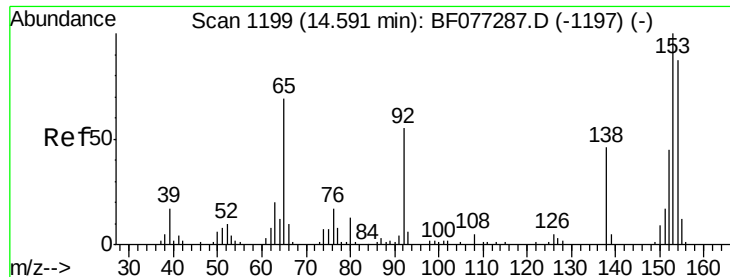
Tot Ion:165 Resp: 43693
Ion Ratio Lower Upper
165 100
63 62.1 61.2 91.8
89 58.6 53.7 80.5



#51
Acenaphthene
Concen: 40.02 ng
RT: 14.60 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:154 Resp: 149408
Ion Ratio Lower Upper
154 100
153 117.5 92.5 138.7
152 56.0 42.1 63.1





#52

3-Nitroaniline

Concen: 33.81 ng/mL

RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

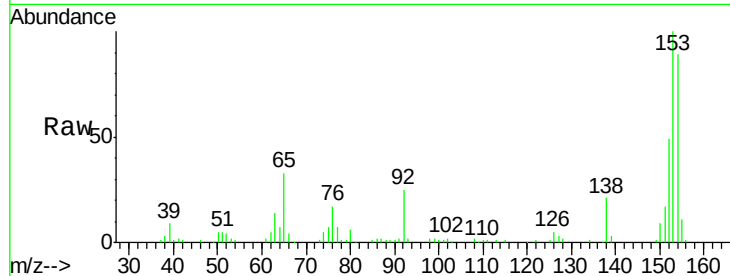
Tot Ion:138 Resp: 38396

Ion Ratio Lower Upper

138 100

108 11.2 9.5 14.3

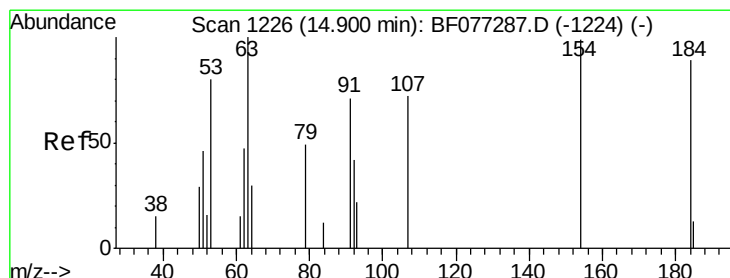
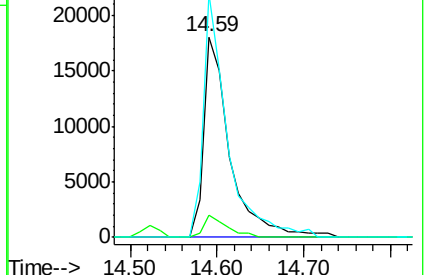
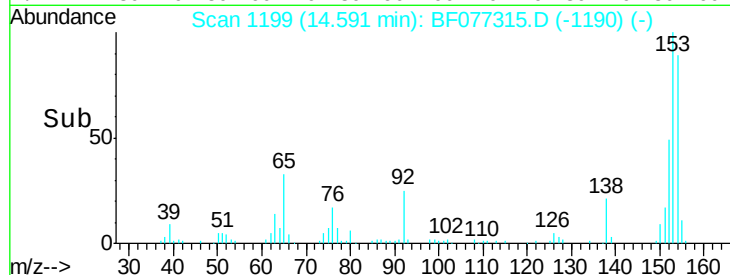
92 121.5 95.8 143.6



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: 62.27 ng/mL

RT: 14.89 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

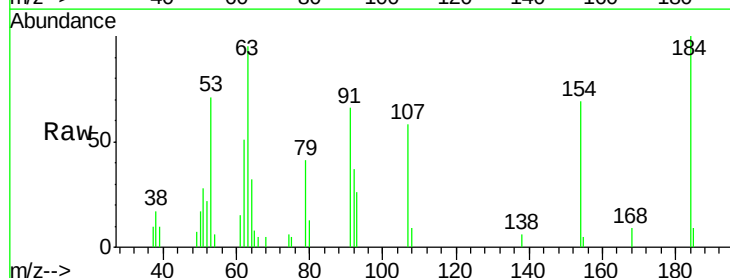
Tgt Ion:184 Resp: 19015

Ion Ratio Lower Upper

184 100

63 95.0 90.2 135.4

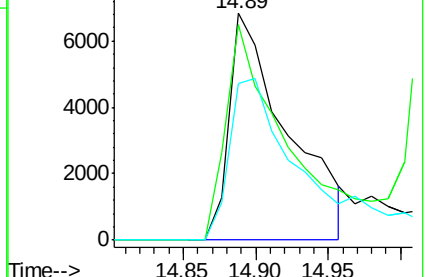
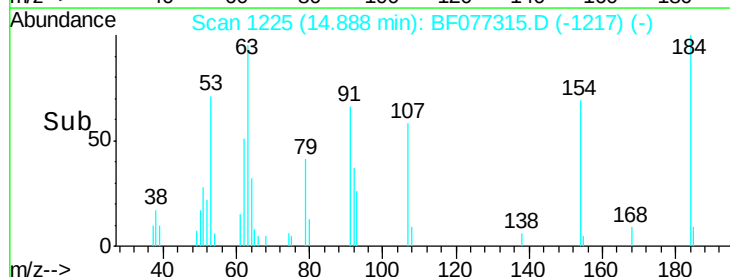
154 69.3 89.7 134.5#

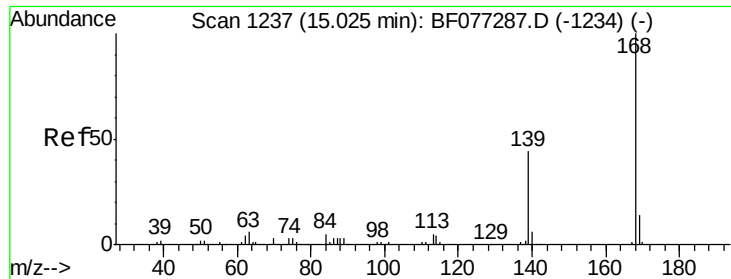


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

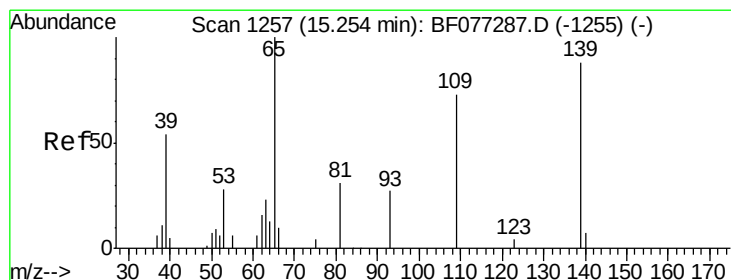
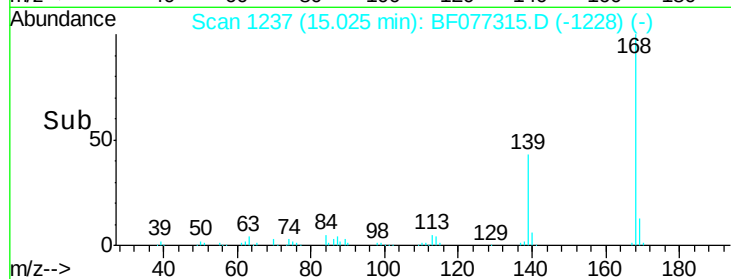
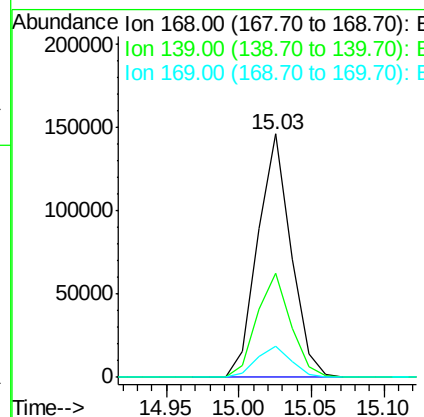
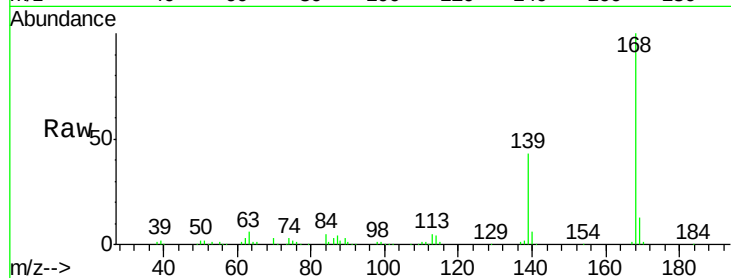




#54
Dibenzenofuran
Concen: 40.35 ng
RT: 15.03 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

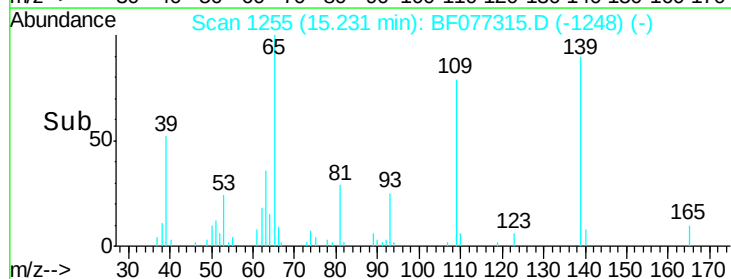
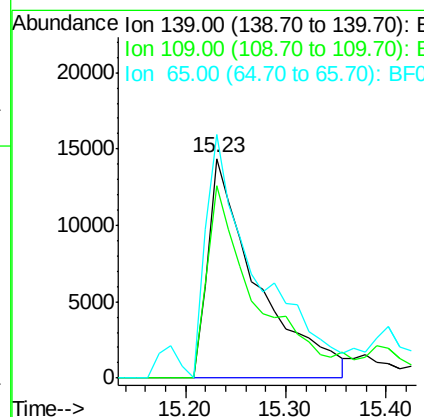
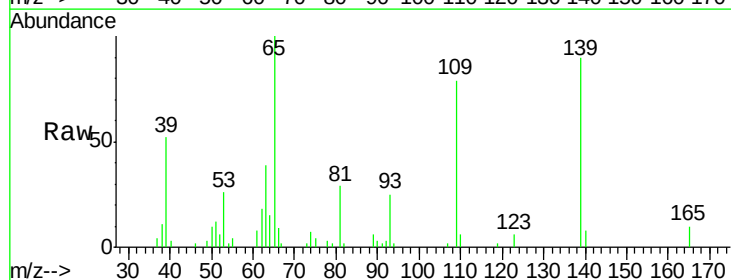
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MSD

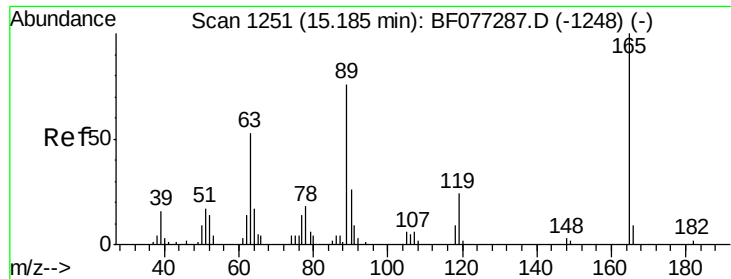
Tot Ion	Ratio	Lower	Upper
168	100		
139	43.0	35.6	53.4
169	12.8	10.9	16.3



#55
4-Nitrophenol
Concen: 88.81 ng m
RT: 15.23 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.5	62.7	102.7
65	110.9	93.5	133.5





#56

2,4-Dinitrotoluene

Concen: 44.22 ng

RT: 15.19 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

Tot Ion:165 Resp: 58671

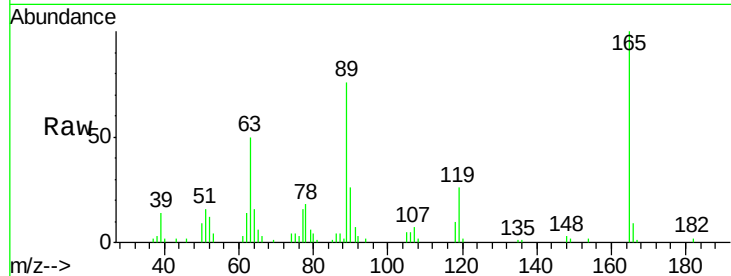
Ion Ratio Lower Upper

165 100

63 50.2 42.4 63.6

89 76.5 61.1 91.7

182 2.1 1.9 2.9

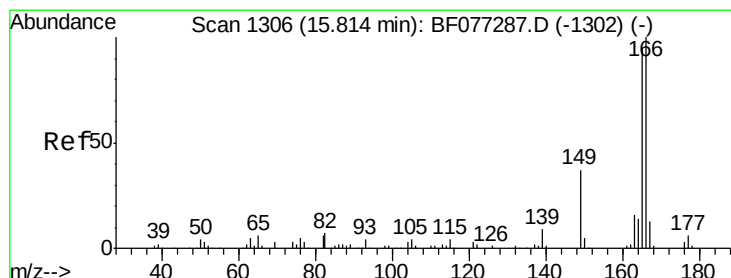
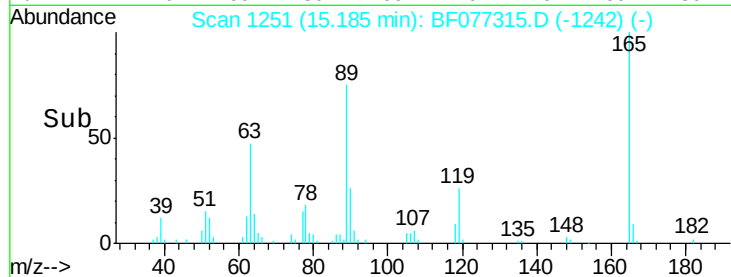
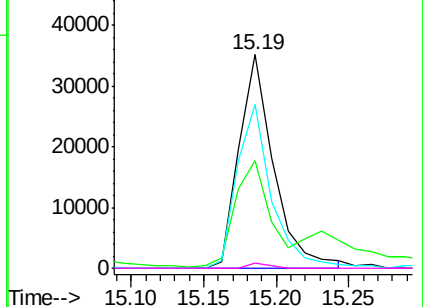


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 40.21 ng

RT: 15.80 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

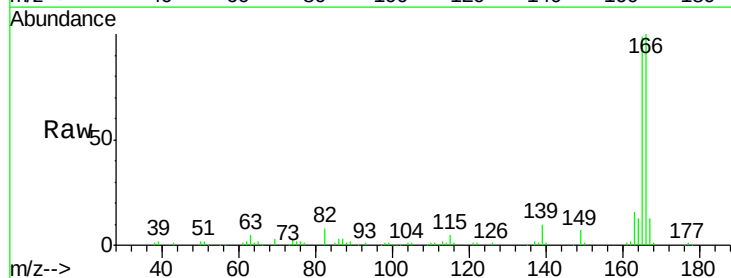
Tgt Ion:166 Resp: 190061

Ion Ratio Lower Upper

166 100

165 99.2 75.9 113.9

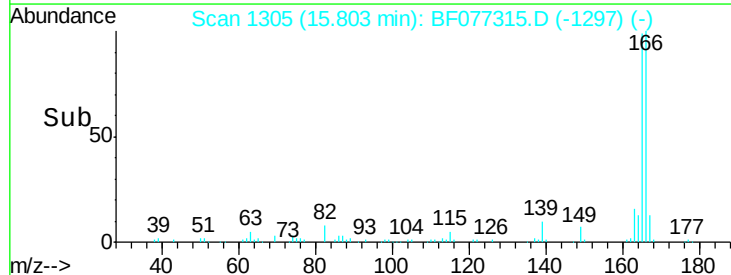
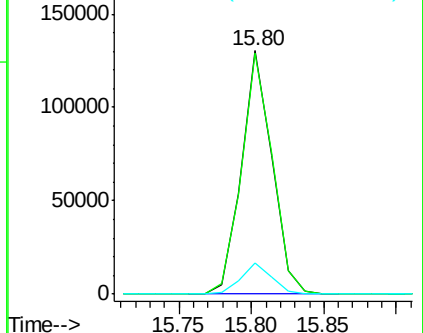
167 12.8 10.2 15.4

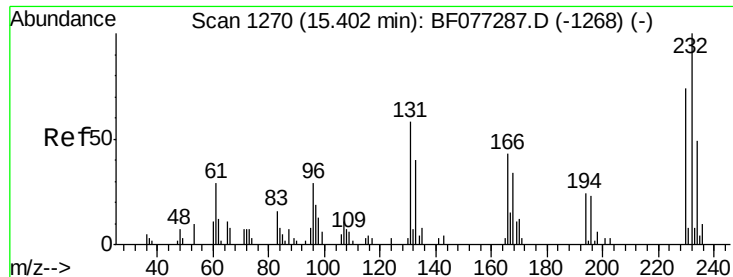


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

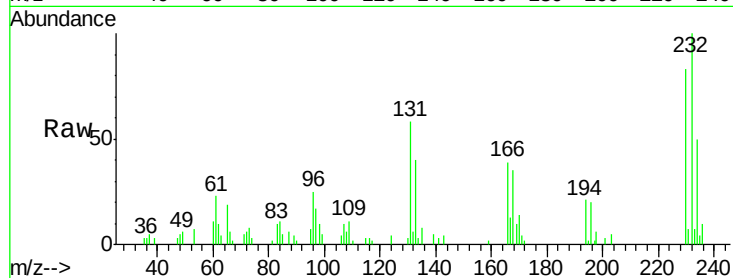




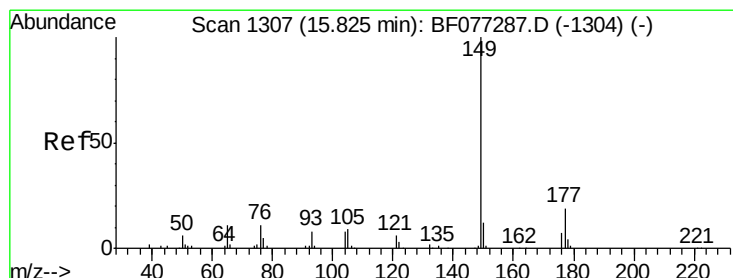
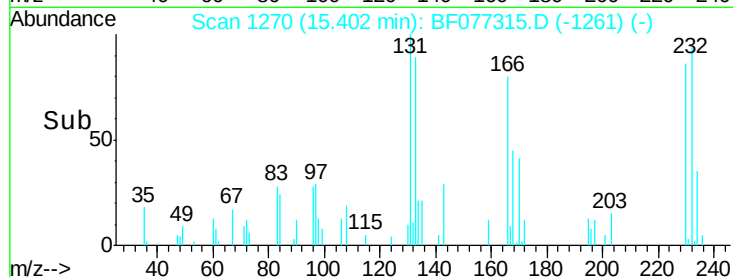
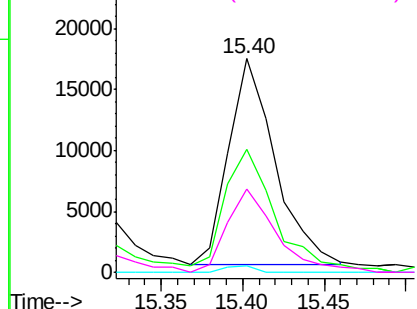
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.78 ng
 RT: 15.40 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF077315.D
 Acq: 13 Feb 2015 19:07

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

Tot Ion:232 Resp: 33276
 Ion Ratio Lower Upper
 232 100
 131 56.7 0.0 0.0#
 130 2.1 0.0 0.0#
 166 42.1 0.0 0.0#

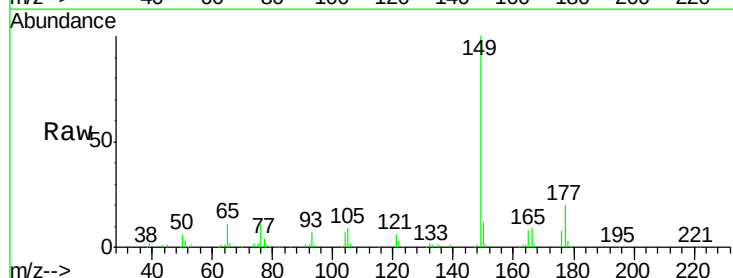


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

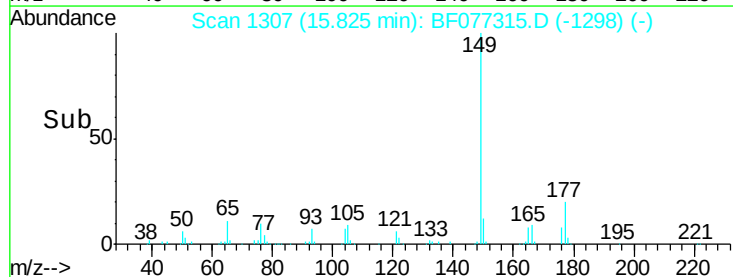
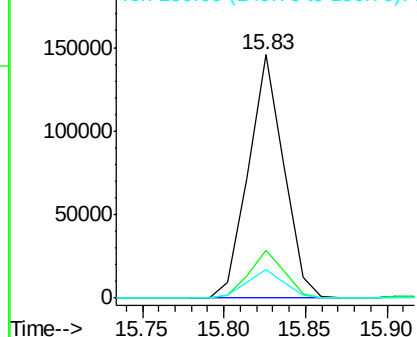


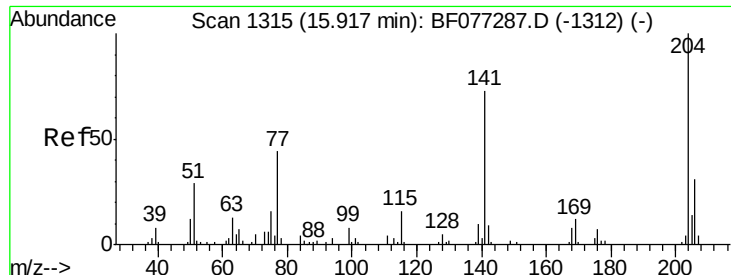
#59
 Diethylphthalate
 Concen: 43.75 ng
 RT: 15.83 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF077315.D
 Acq: 13 Feb 2015 19:07

Tgt Ion:149 Resp: 218733
 Ion Ratio Lower Upper
 149 100
 177 19.7 15.0 22.4
 150 11.7 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

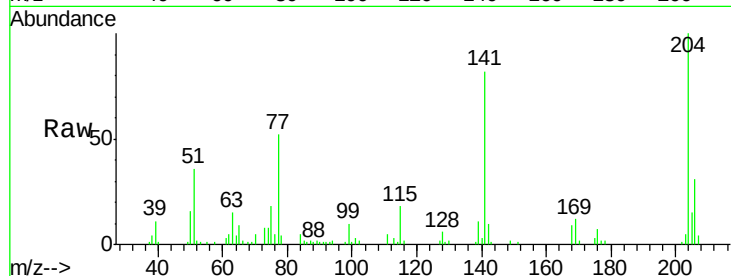




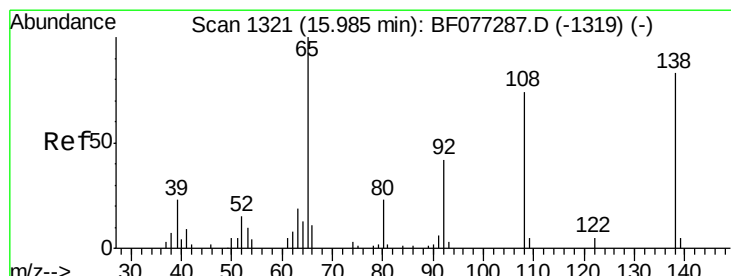
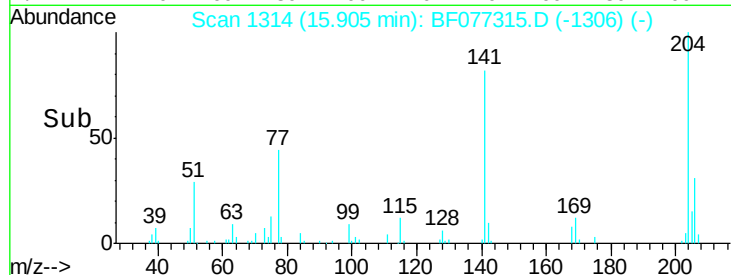
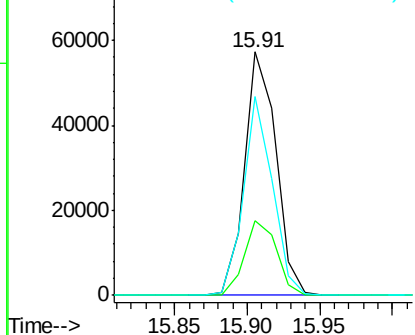
#60
4-Chlorophenyl-phenylether
Concen: 43.73 ng
RT: 15.91 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

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

Tot Ion:204 Resp: 85930
Ion Ratio Lower Upper
204 100
206 30.8 25.0 37.6
141 81.8 58.6 87.8

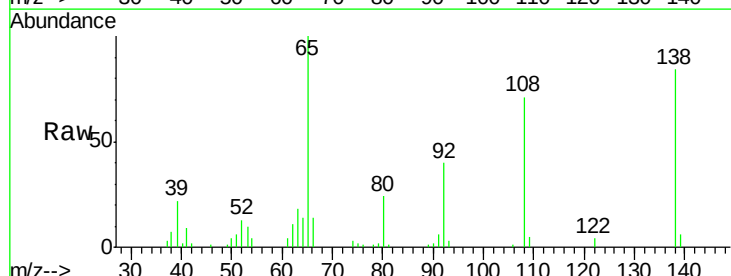


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

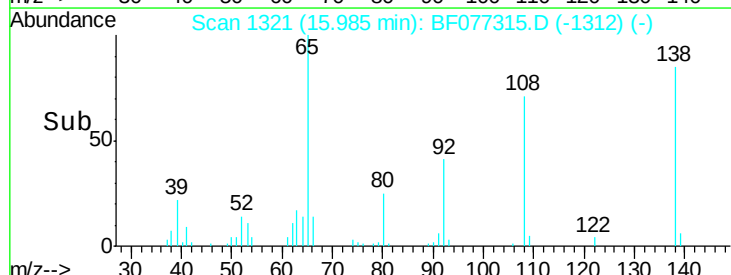
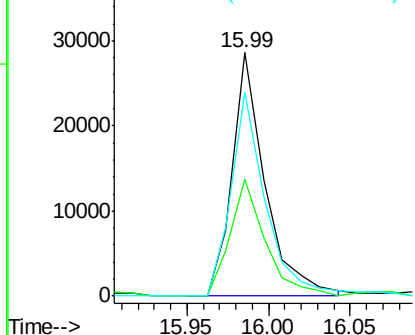


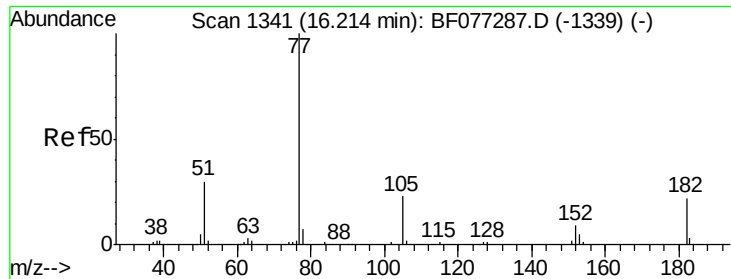
#61
4-Nitroaniline
Concen: 37.65 ng
RT: 15.99 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:138 Resp: 39913
Ion Ratio Lower Upper
138 100
92 47.8 30.7 70.7
108 84.0 69.7 109.7



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





#62

Azobenzene

Concen: 42.91 ng/mL

RT: 16.21 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

Tot Ion: 77 Resp: 204675

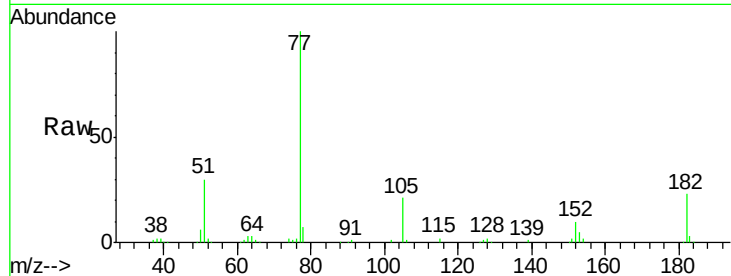
Ion Ratio Lower Upper

77 100

182 22.6 0.9 40.9

105 21.3 2.2 42.2

51 30.4 12.0 52.0

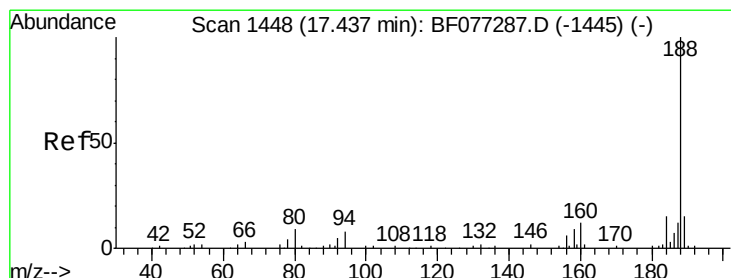
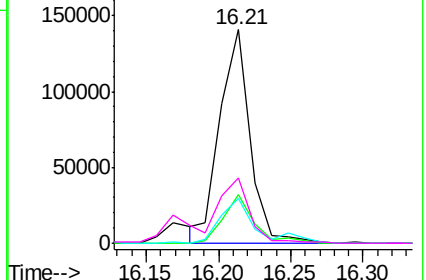
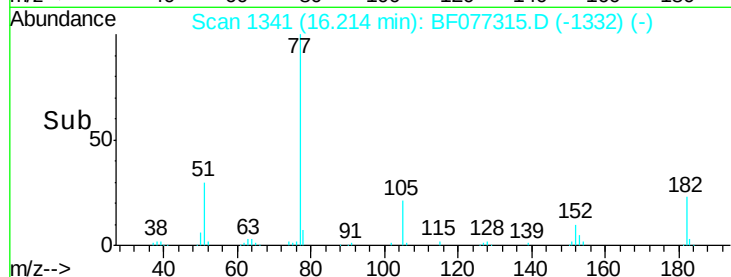


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng/mL

RT: 17.44 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

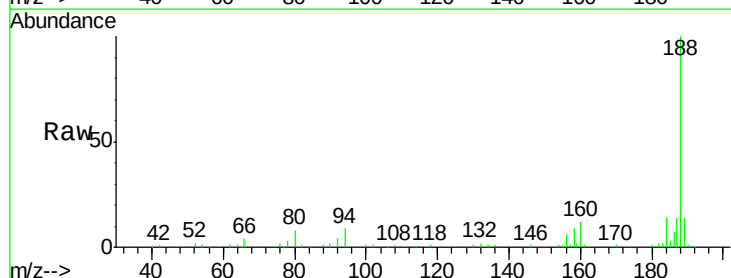
Tgt Ion: 188 Resp: 118273

Ion Ratio Lower Upper

188 100

94 8.8 6.5 9.7

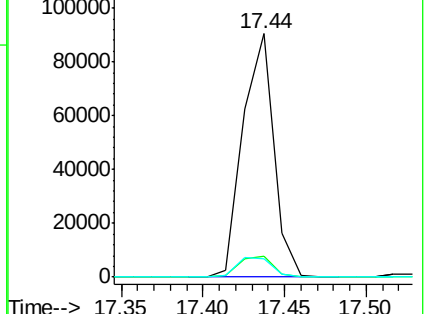
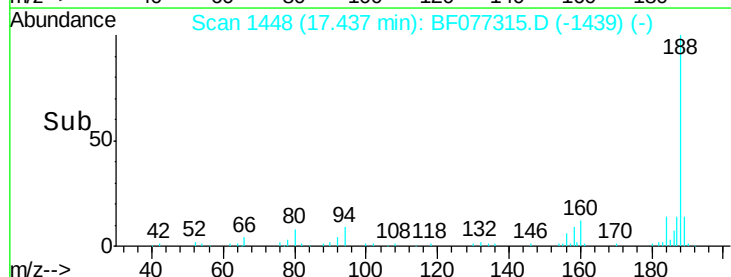
80 7.6 7.1 10.7

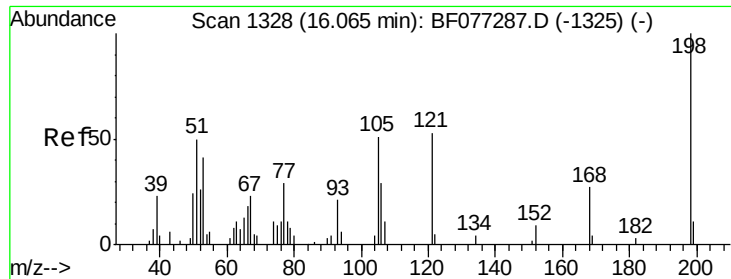


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

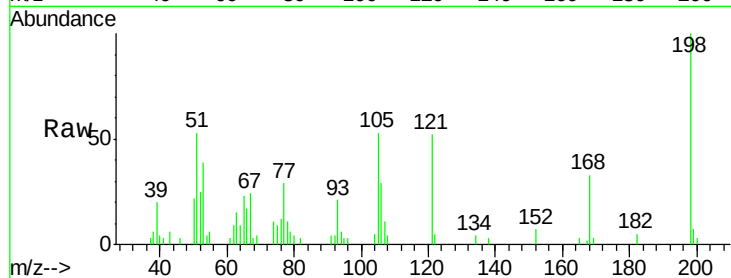




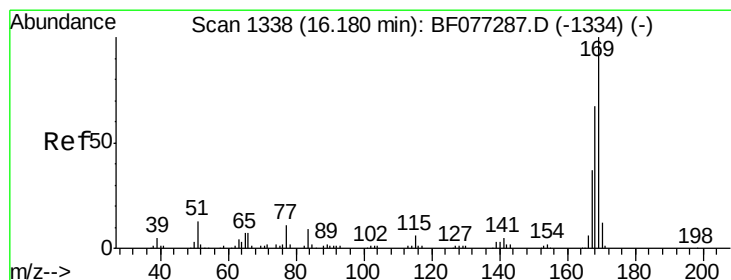
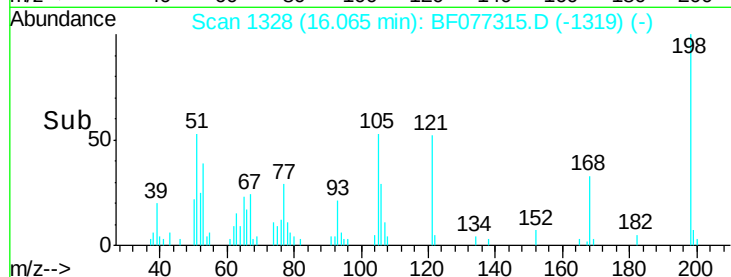
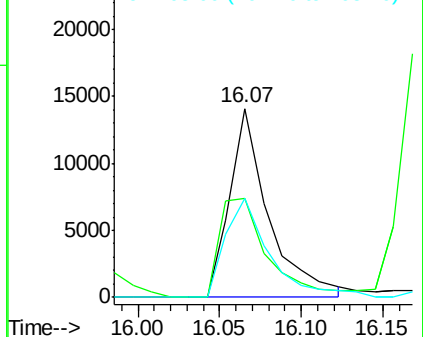
#64
4,6-Dinitro-2-methylphenol
Concen: 36.10 ng
RT: 16.07 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

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

Tot Ion:198 Resp: 23368
Ion Ratio Lower Upper
198 100
51 52.5 33.8 73.8
105 52.6 30.9 70.9

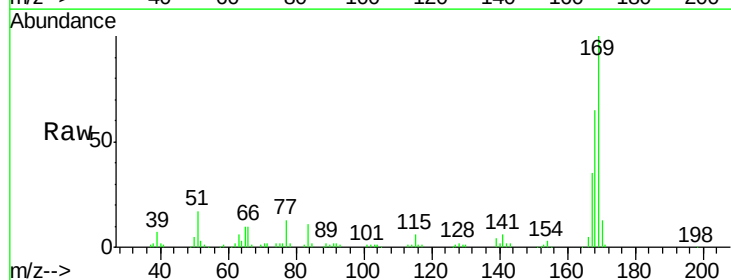


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

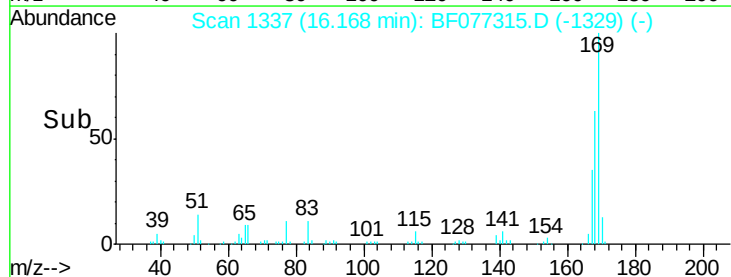
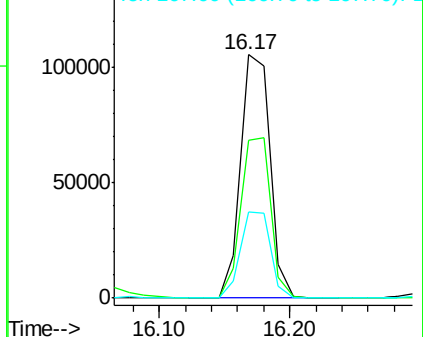


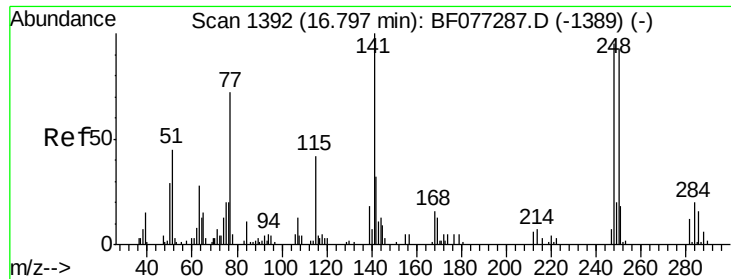
#65
n-Nitrosodiphenylamine
Concen: 39.06 ng
RT: 16.17 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:169 Resp: 164776
Ion Ratio Lower Upper
169 100
168 65.1 53.9 80.9
167 35.4 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

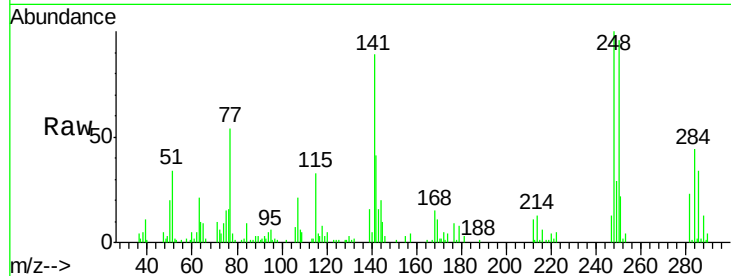




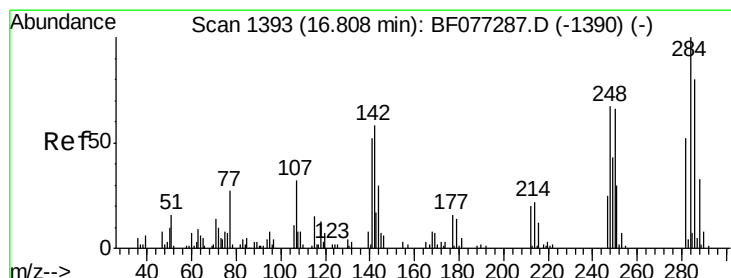
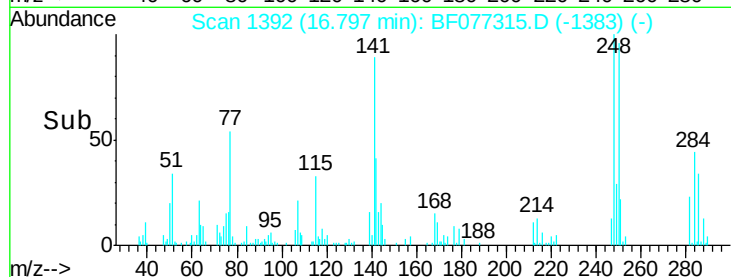
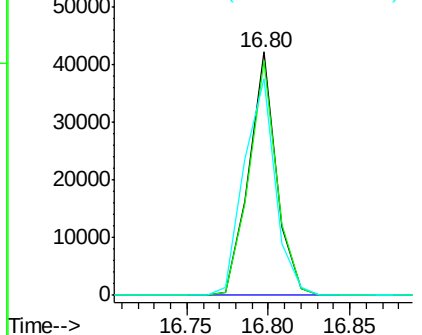
#66
4-Bromophenyl-phenylether
Concen: 40.02 ng
RT: 16.80 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

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

Tot Ion:248 Resp: 49465
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.8
141 88.9 83.8 125.6

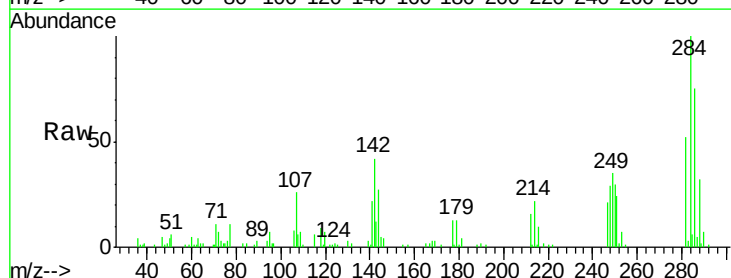


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

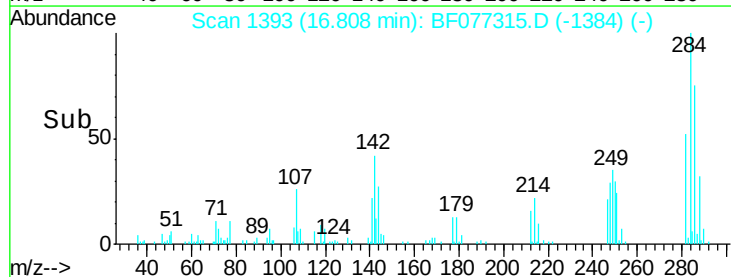
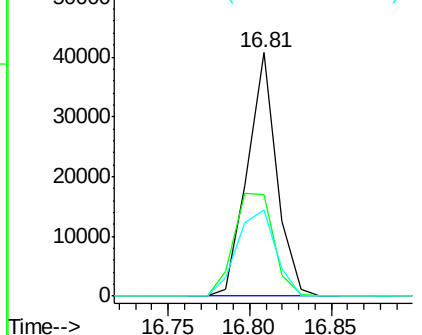


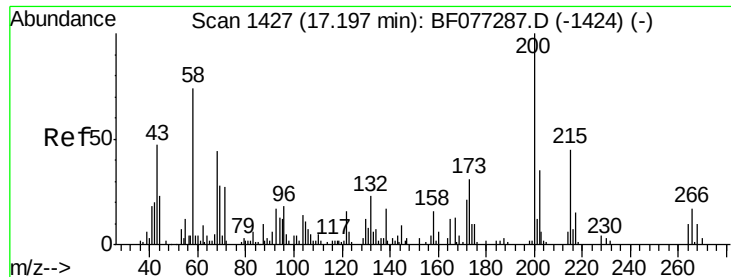
#67
Hexachlorobenzene
Concen: 40.35 ng
RT: 16.81 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:284 Resp: 50783
Ion Ratio Lower Upper
284 100
142 41.8 46.2 69.4#
249 35.3 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: 42.98 ng

RT: 17.20 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

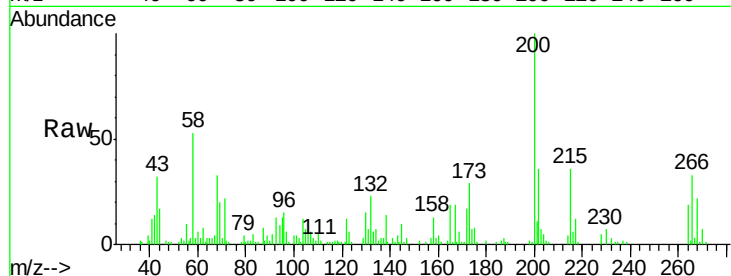
BNA_F

ClientSampleId :

1004-50(0-2)MSD

Tot Ion:200 Resp: 57435

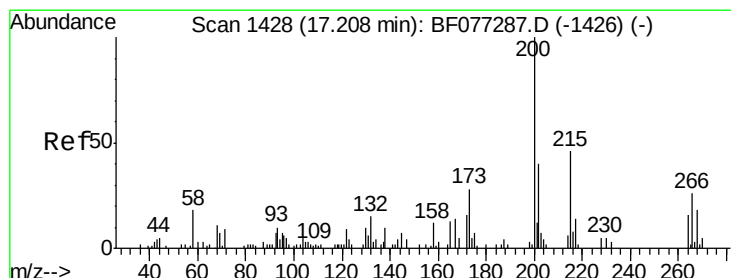
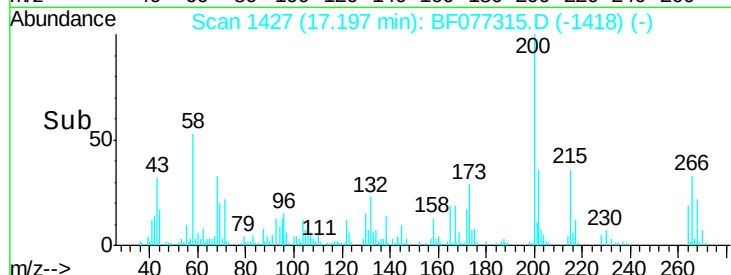
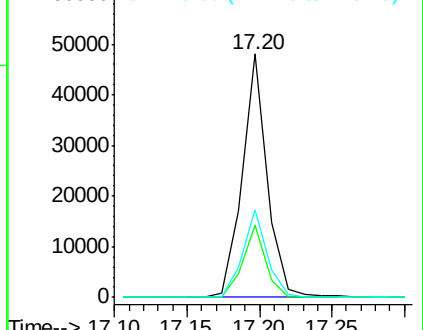
Ion	Ratio	Lower	Upper
200	100		
173	29.5	11.3	51.3
215	35.9	25.3	65.3



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: 69.40 ng

RT: 17.20 min Scan# 1427

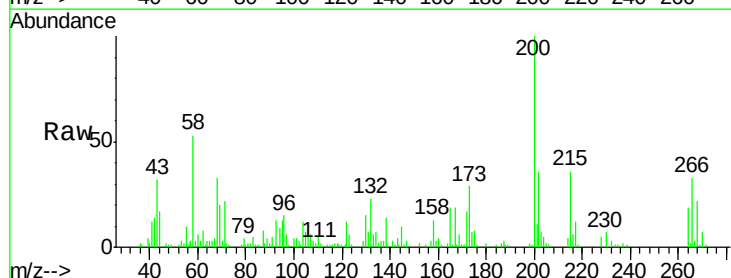
Delta R.T. -0.01 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Tgt Ion:266 Resp: 26586

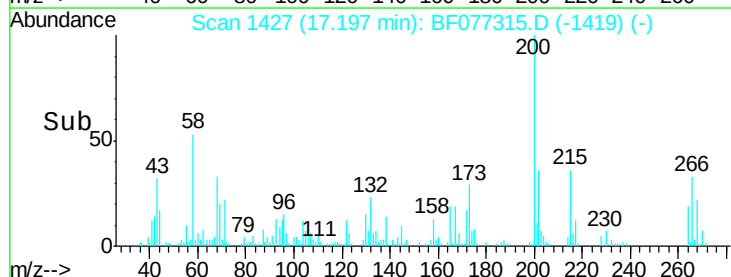
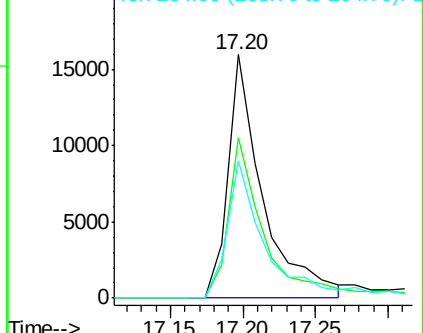
Ion	Ratio	Lower	Upper
266	100		
268	65.8	55.0	82.6
264	56.4	49.5	74.3

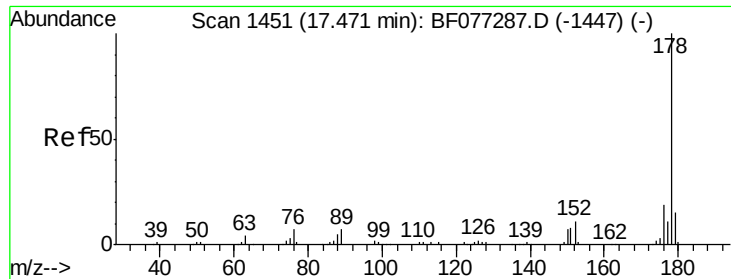


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

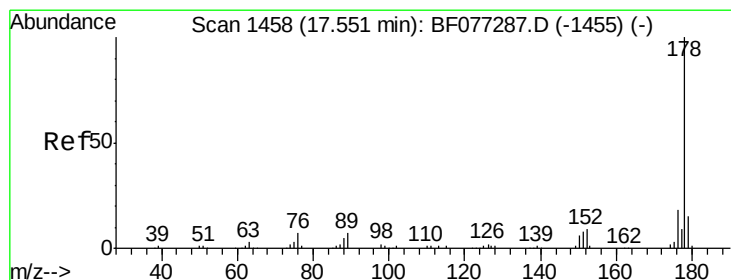
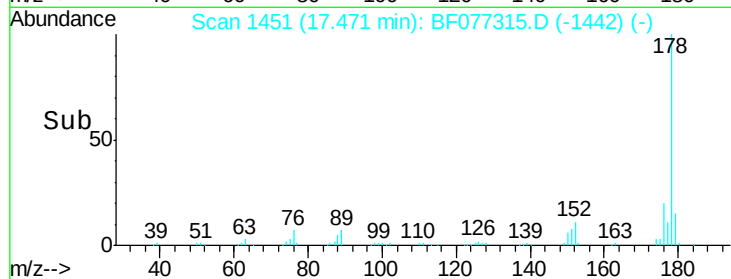
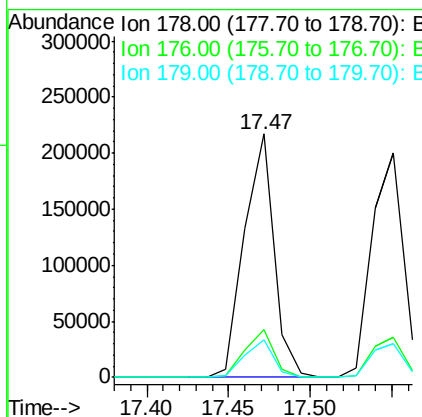
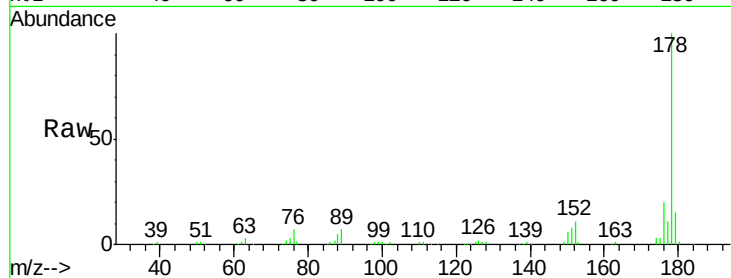




#70
Phenanthrene
Concen: 38.40 ng
RT: 17.47 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

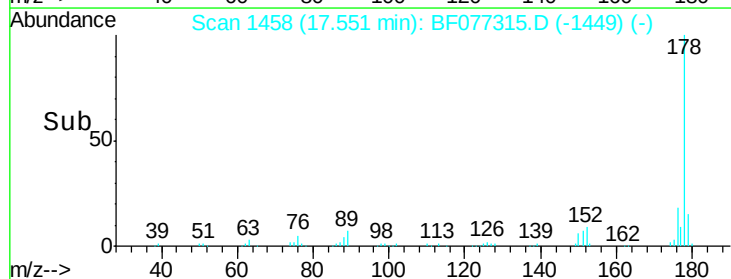
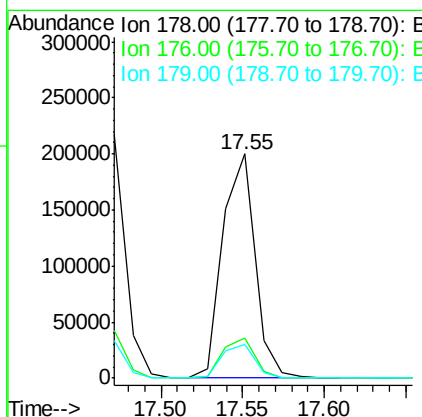
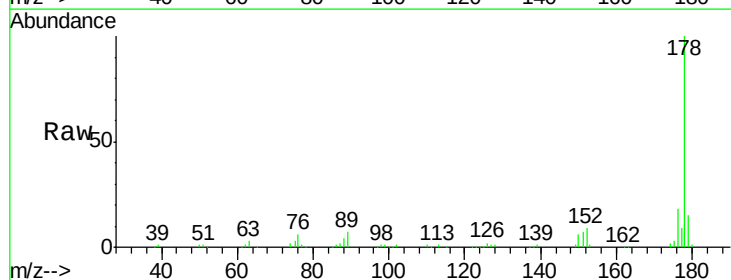
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MSD

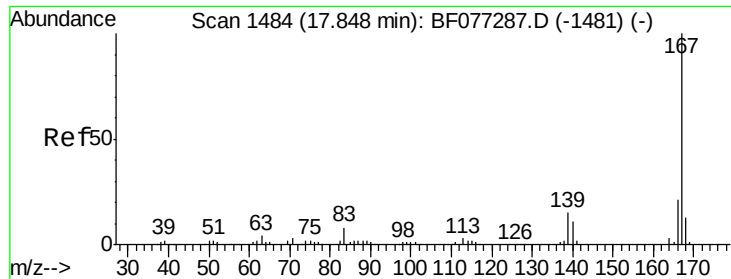
Tot Ion:178 Resp: 273929
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.5 12.1 18.1



#71
Anthracene
Concen: 38.34 ng
RT: 17.55 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:178 Resp: 274424
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 14.8 12.1 18.1

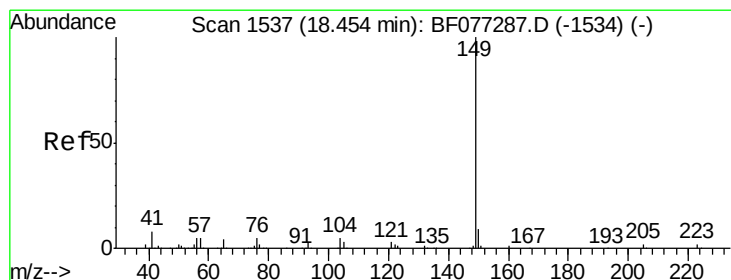
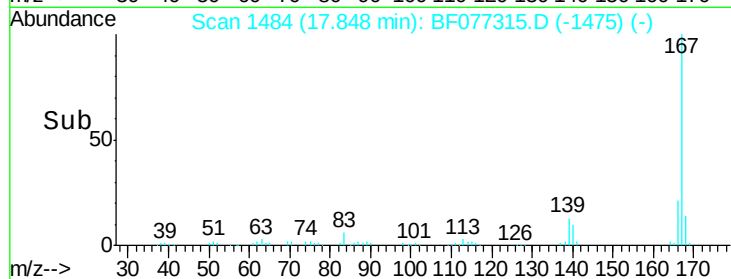
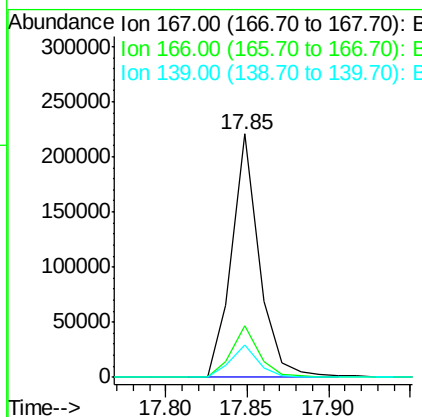
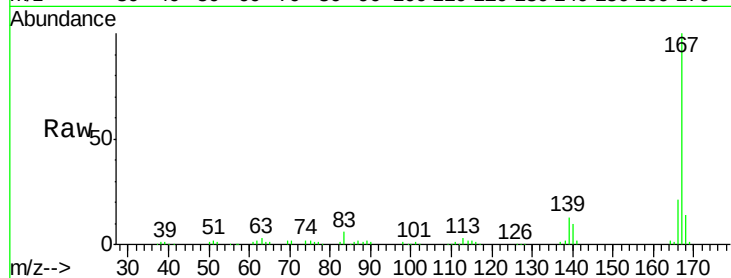




#72
 Carbazole
 Concen: 37.92 ng
 RT: 17.85 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF077315.D
 Acq: 13 Feb 2015 19:07

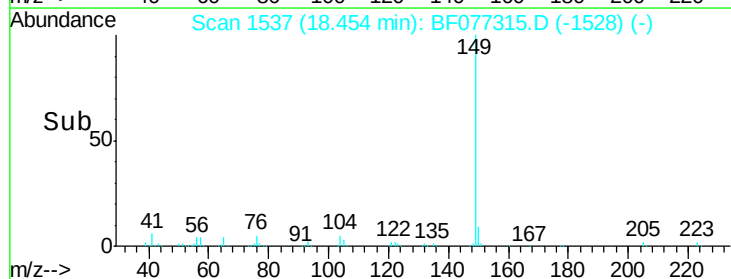
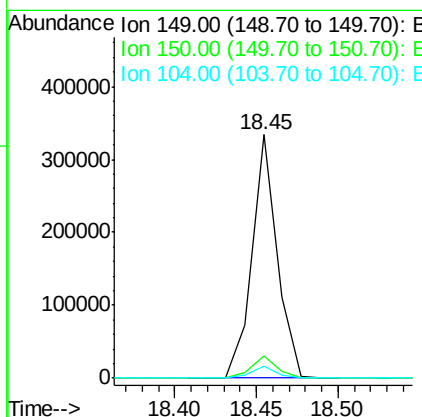
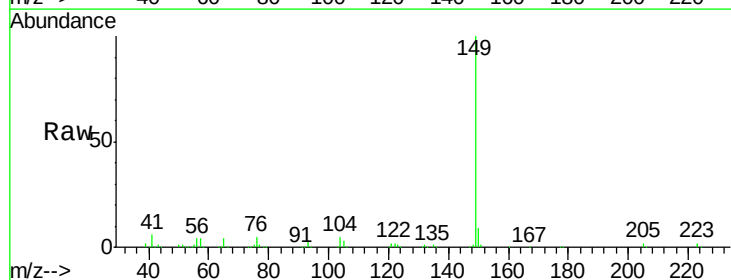
Instrument :
 BNA_F
 ClientSampleId :
 1004-50(0-2)MSD

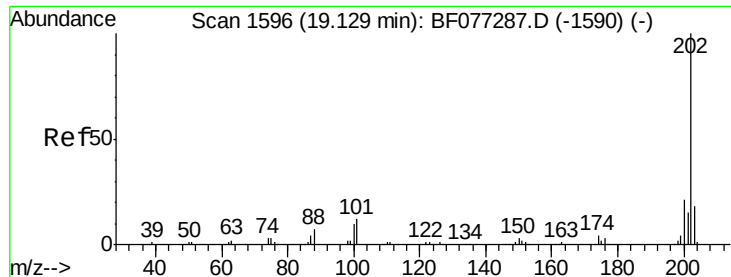
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	13.2	11.7	17.5



#73
 Di-n-butylphthalate
 Concen: 41.23 ng
 RT: 18.45 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BF077315.D
 Acq: 13 Feb 2015 19:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	5.1	4.2	6.2

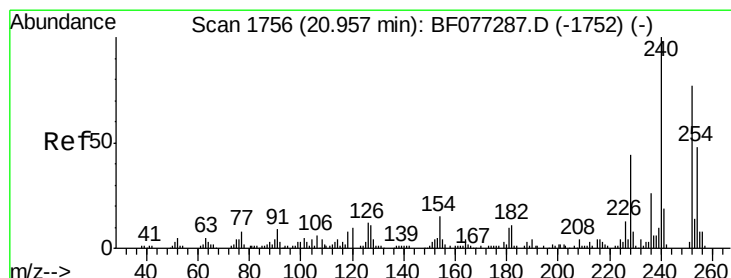
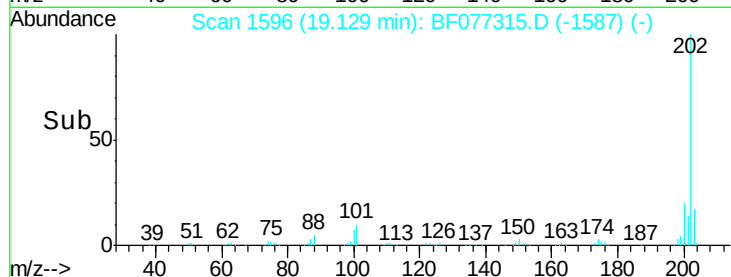
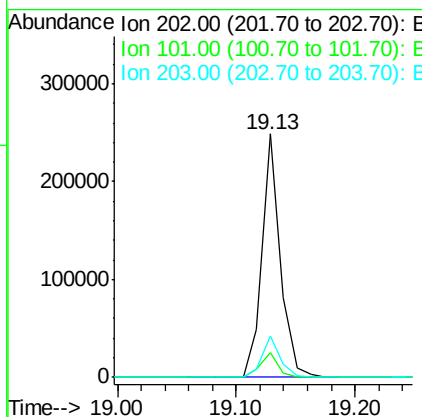
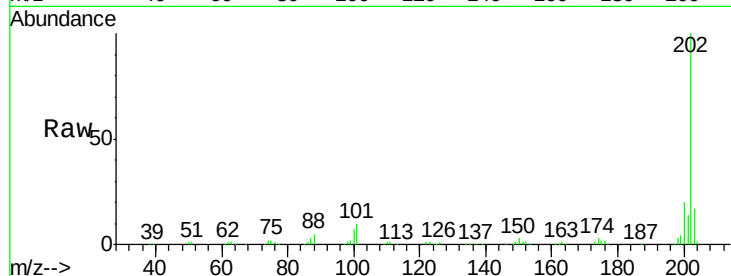




#74
Fluoranthene
Concen: 36.69 ng
RT: 19.13 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

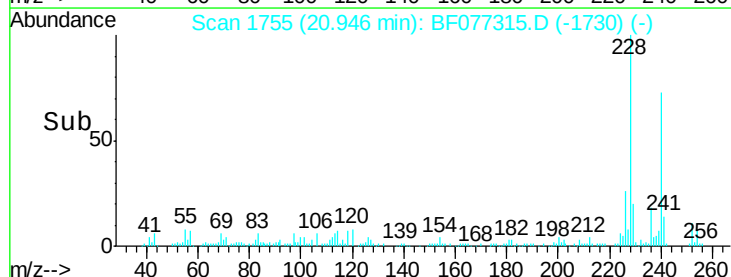
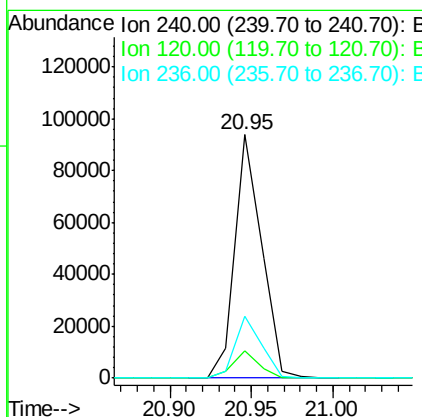
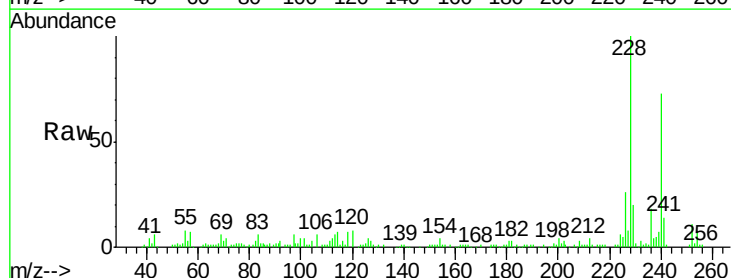
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MSD

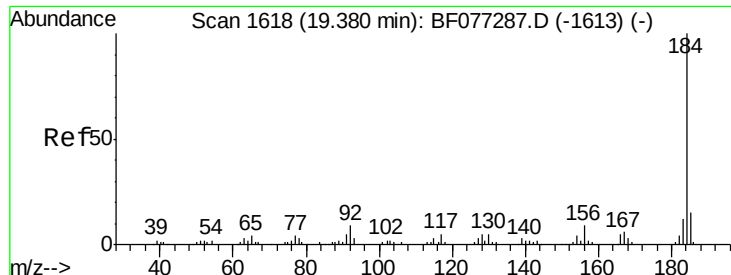
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	32.4
203	16.9	0.0	37.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 20.95 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.8	11.8
236	25.2	20.4	30.6

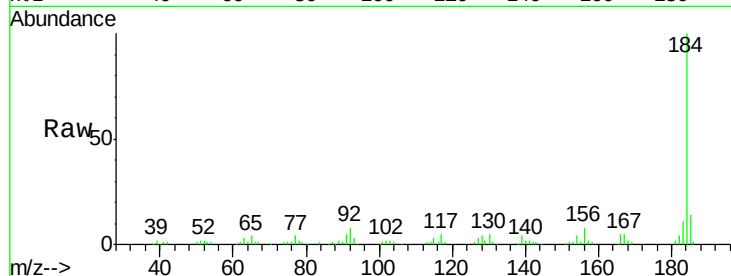




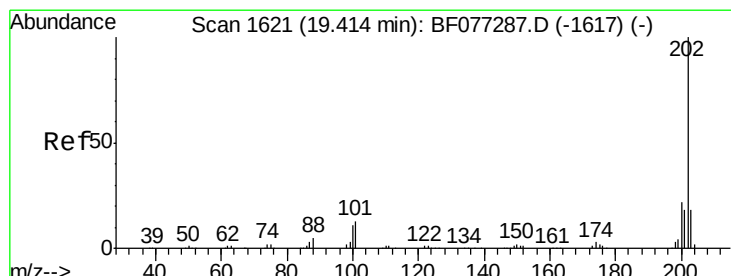
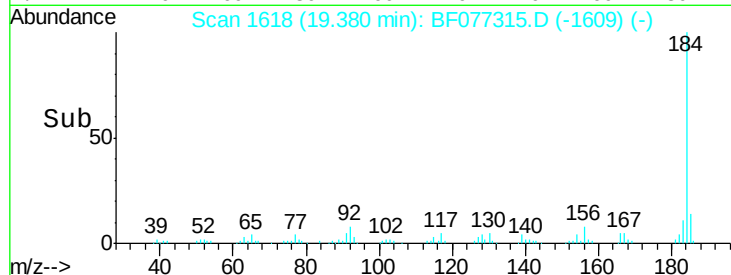
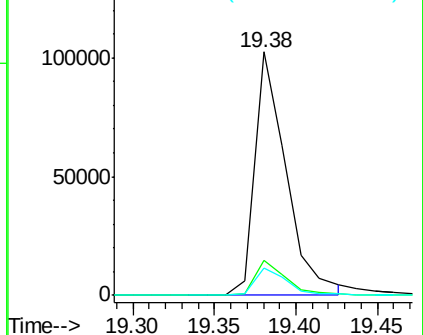
#76
Benzidine
Concen: 31.98 ng
RT: 19.38 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

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

Tot Ion:184 Resp: 137320
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 11.2 9.3 13.9

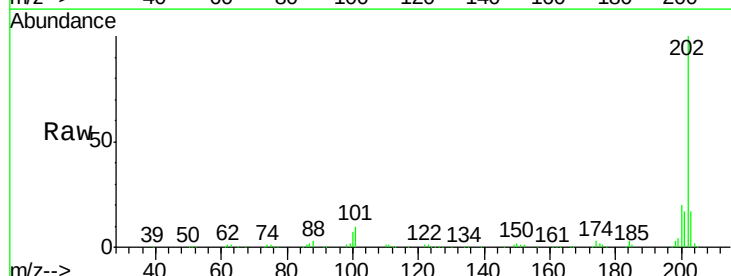


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

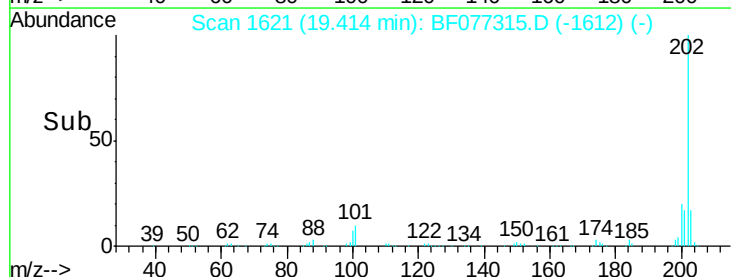
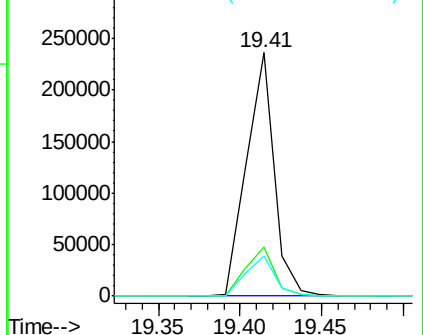


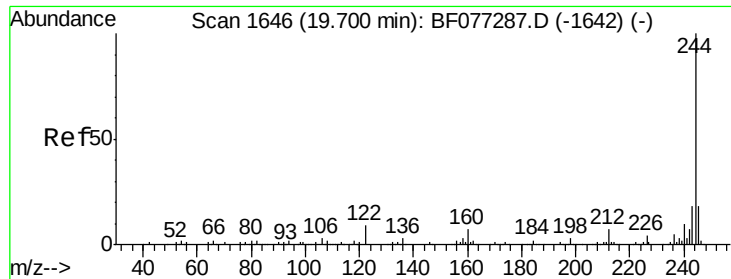
#77
Pyrene
Concen: 39.31 ng
RT: 19.41 min Scan# 1621
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:202 Resp: 277705
Ion Ratio Lower Upper
202 100
200 20.4 17.4 26.0
203 16.7 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: 72.27 ng

RT: 19.69 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

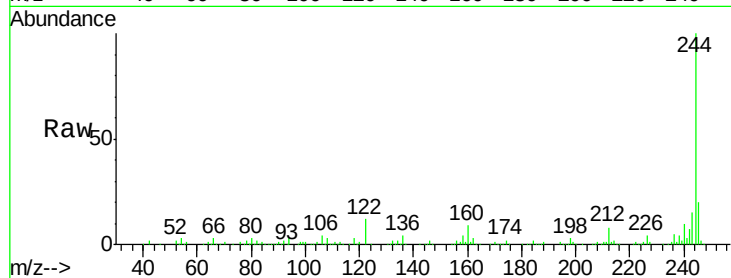
Tot Ion:244 Resp: 340787

Ion Ratio Lower Upper

244 100

212 7.8 5.6 8.4

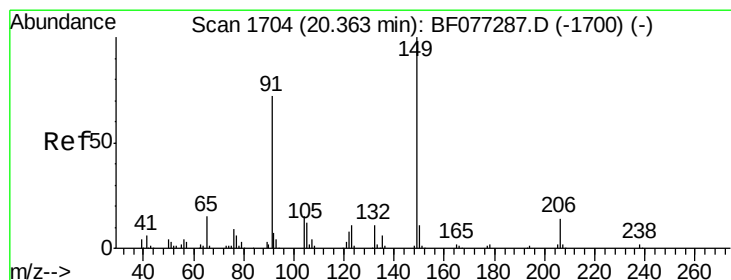
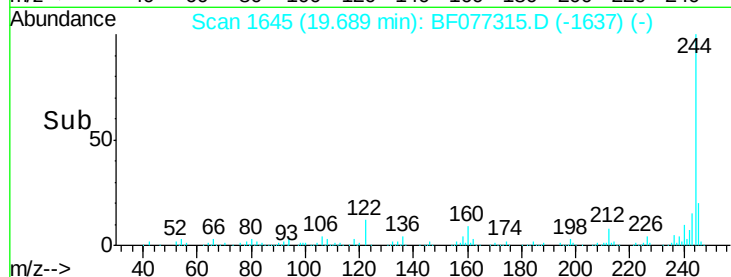
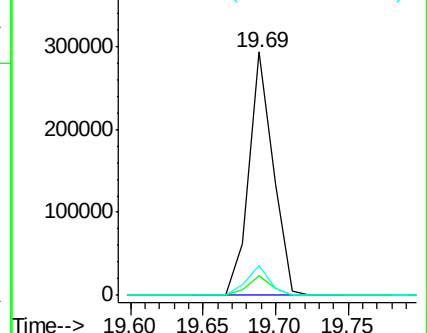
122 12.4 7.0 10.4#



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: 43.14 ng

RT: 20.36 min Scan# 1704

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

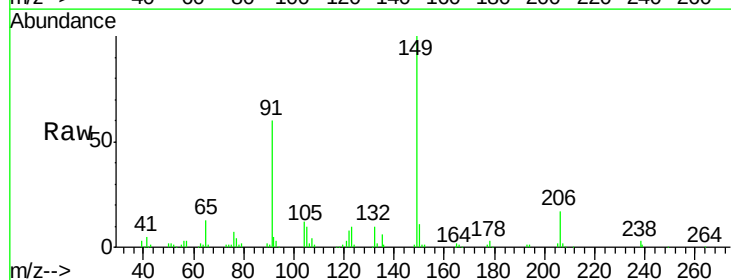
Tgt Ion:149 Resp: 154306

Ion Ratio Lower Upper

149 100

91 60.3 57.3 85.9

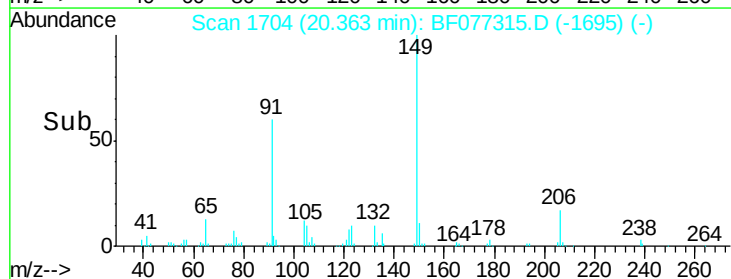
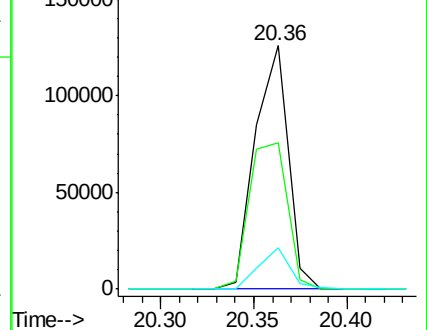
206 17.1 11.6 17.4

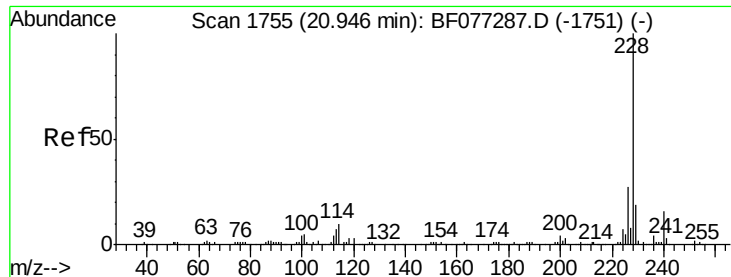


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

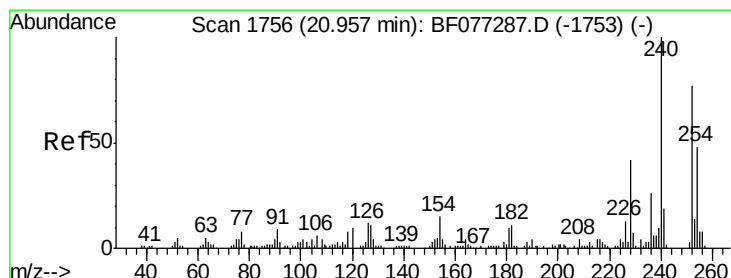
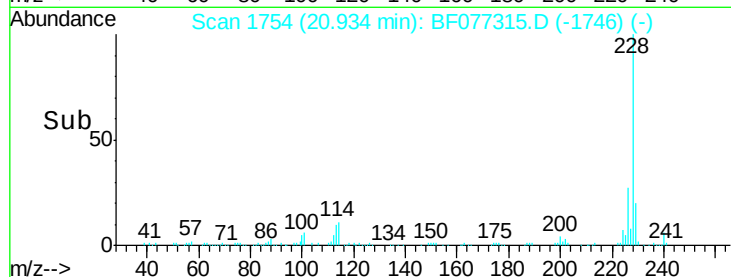
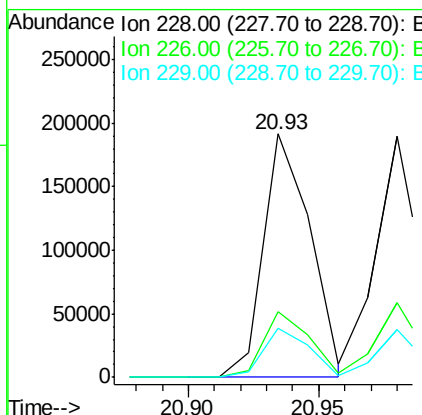
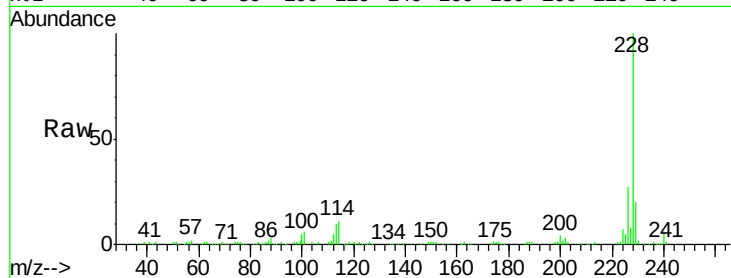




#80
Benzo(a)anthracene
Concen: 36.81 ng
RT: 20.93 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

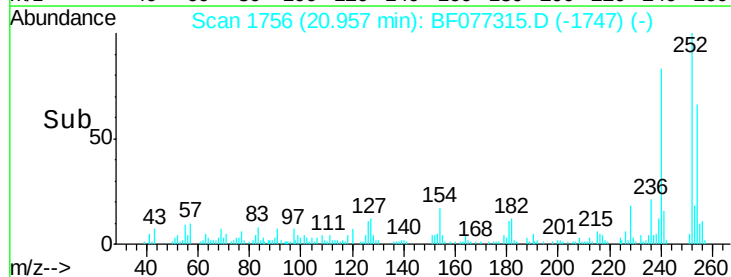
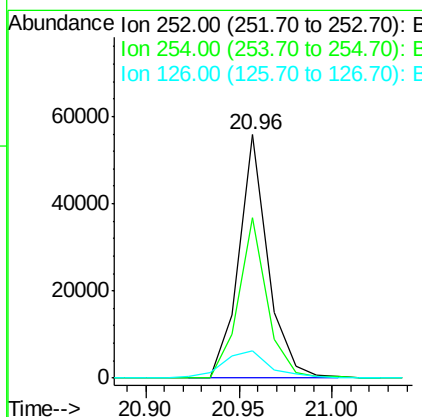
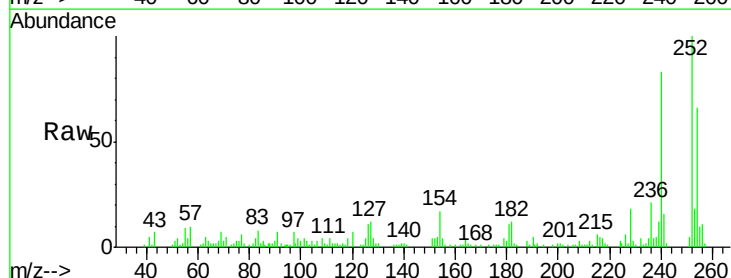
Instrument :
BNA_F
ClientSampleId :
1004-50(0-2)MSD

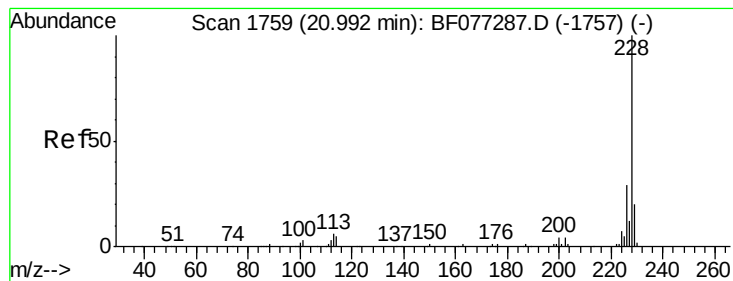
Tot Ion:228 Resp: 240003
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 20.1 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 26.72 ng
RT: 20.96 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:252 Resp: 61077
Ion Ratio Lower Upper
252 100
254 65.7 49.5 74.3
126 11.4 12.6 19.0#





#82

Chrysene

Concen: 37.46 ng

RT: 20.98 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

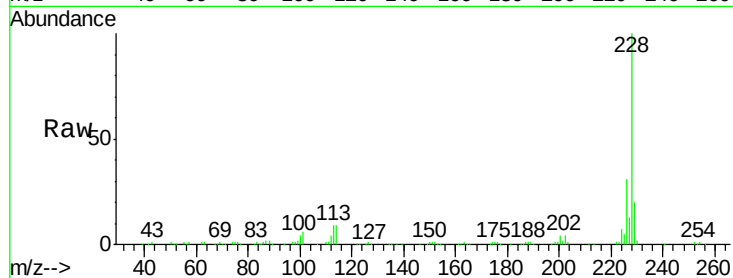
Tot Ion:228 Resp: 221296

Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

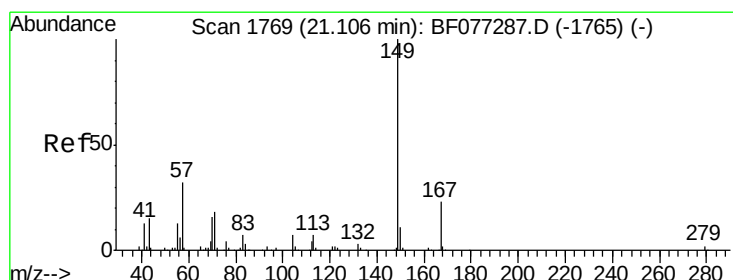
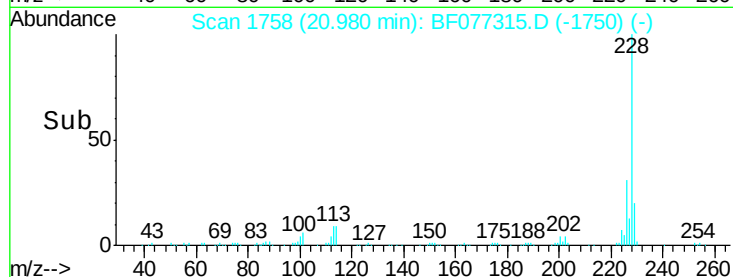
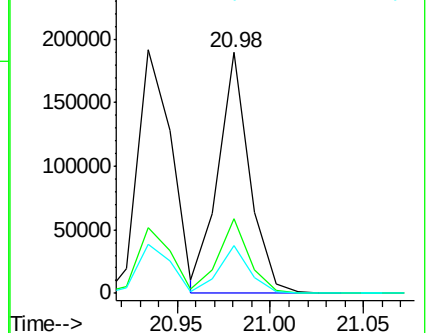
229 19.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.53 ng

RT: 21.11 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

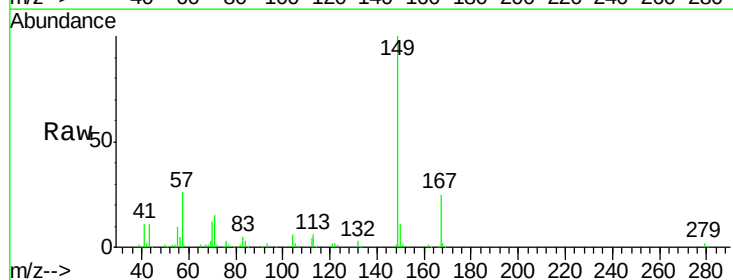
Tgt Ion:149 Resp: 237011

Ion Ratio Lower Upper

149 100

167 24.9 18.6 28.0

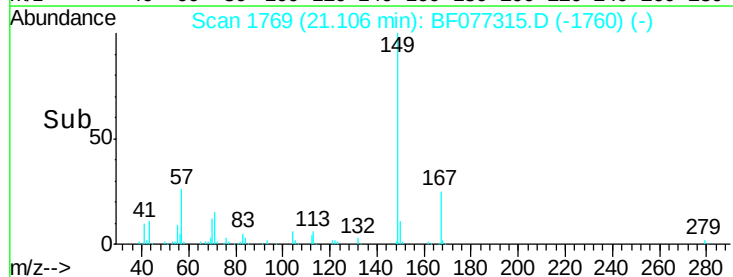
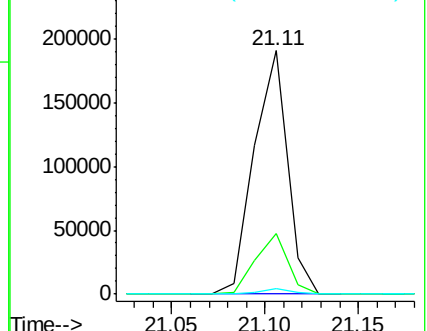
279 2.5 1.5 2.3#

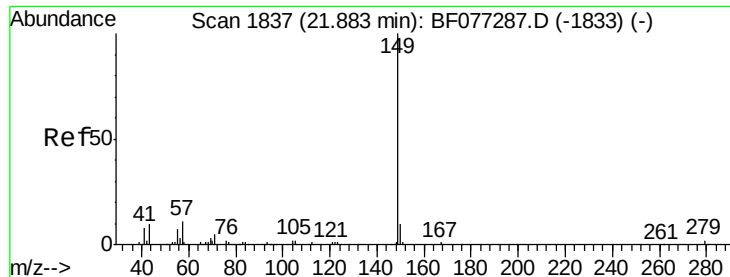


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

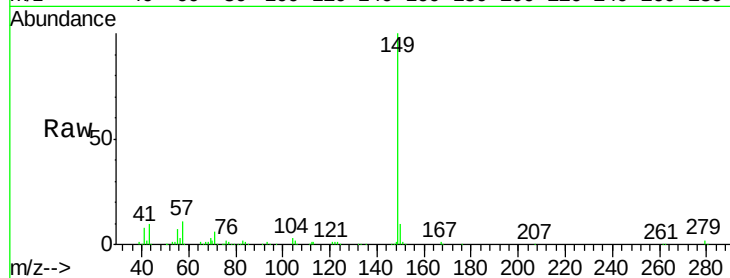




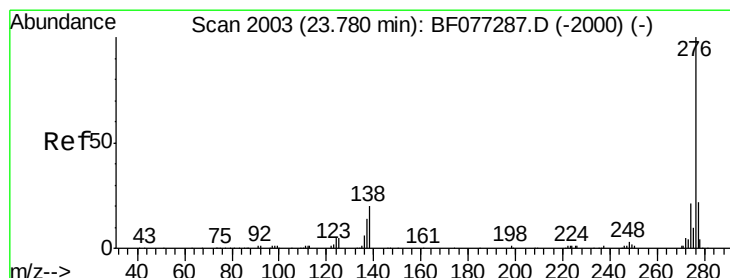
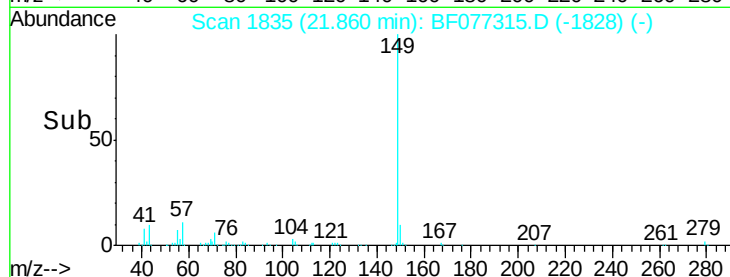
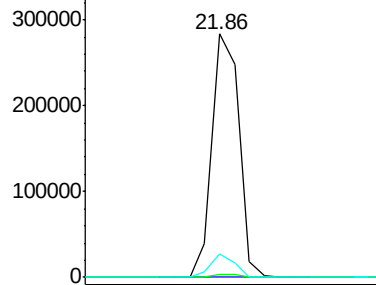
#84
Di-n-octyl phthalate
Concen: 44.50 ng
RT: 21.86 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

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

Tot Ion:149 Resp: 407273
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 8.9 7.3 10.9

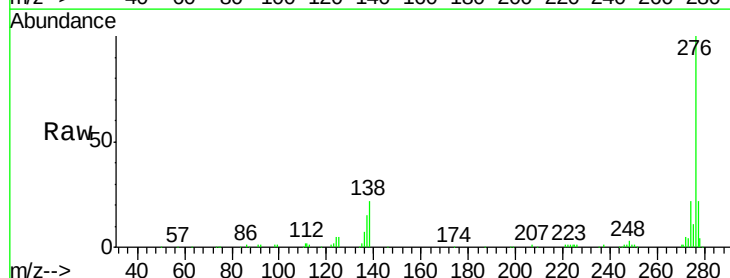


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

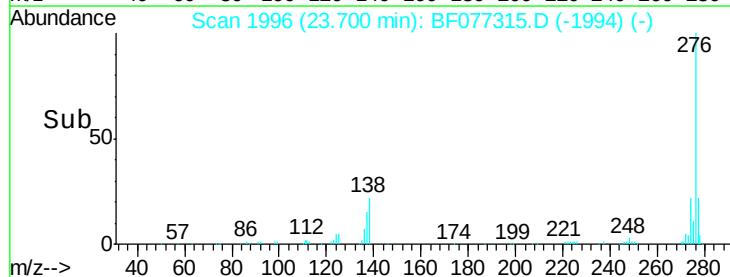
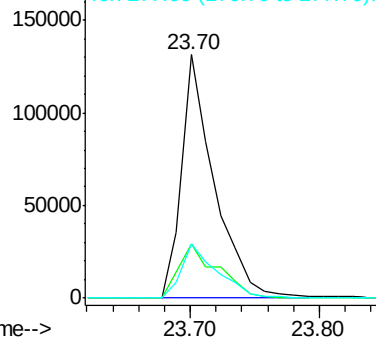


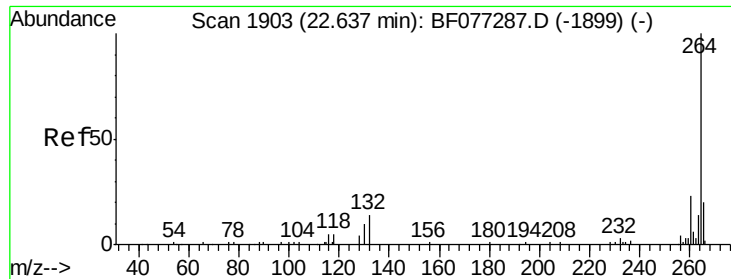
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.52 ng m
RT: 23.70 min Scan# 1996
Delta R.T. -0.08 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:276 Resp: 232776
Ion Ratio Lower Upper
276 100
138 22.3 0.0 0.0#
277 21.9 0.0 0.0#



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



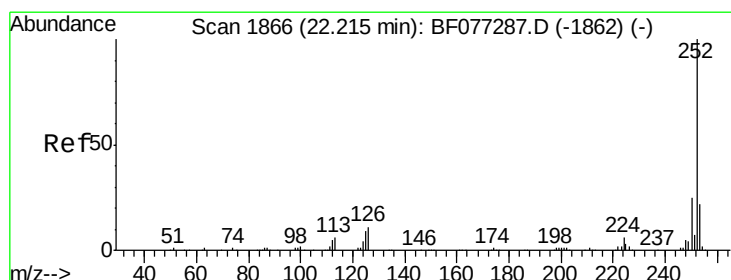
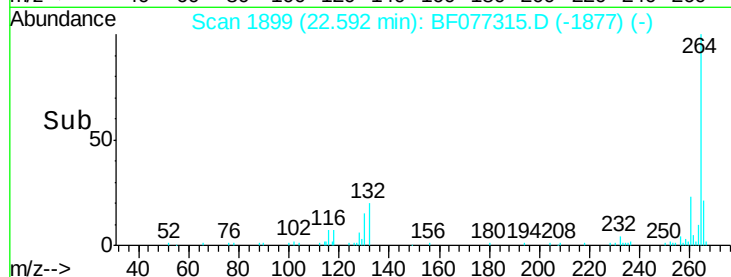
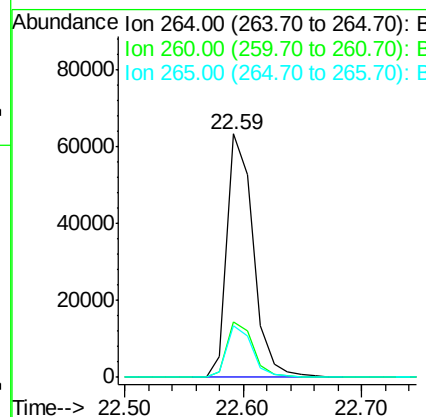
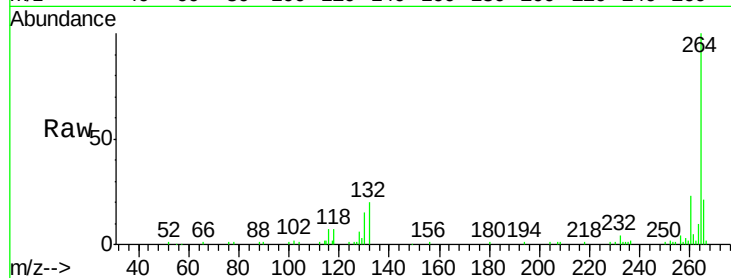


#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.59 min Scan# 1899
Delta R.T. -0.05 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

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

Tot Ion:264 Resp: 96713

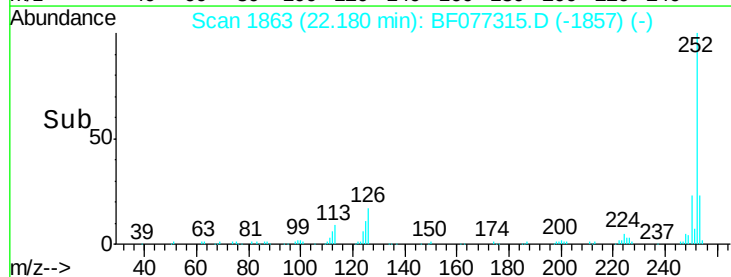
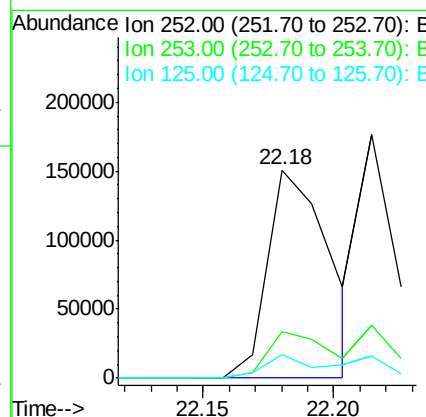
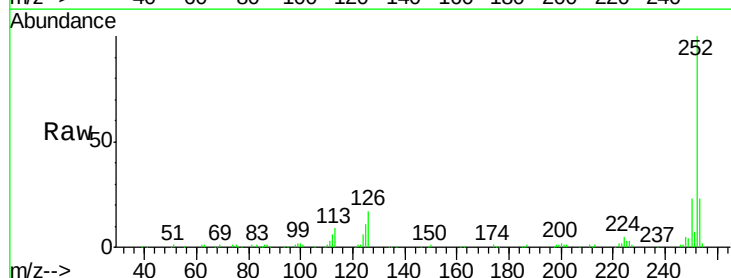
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.1	16.2	24.2

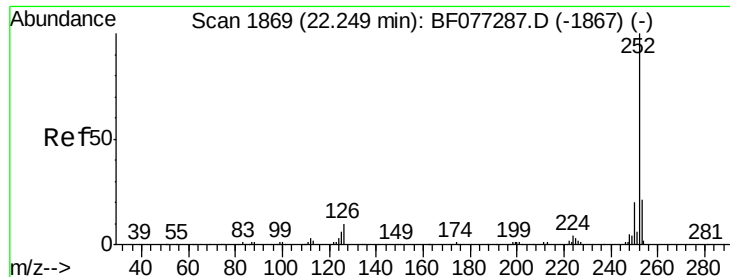


#87
Benzo(b)fluoranthene
Concen: 35.89 ng
RT: 22.18 min Scan# 1863
Delta R.T. -0.03 min
Lab File: BF077315.D
Acq: 13 Feb 2015 19:07

Tgt Ion:252 Resp: 247151

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	11.5	7.1	10.7#





#88

Benzo(k)fluoranthene

Concen: 34.78 ng

RT: 22.21 min Scan# 1866

Delta R.T. -0.03 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

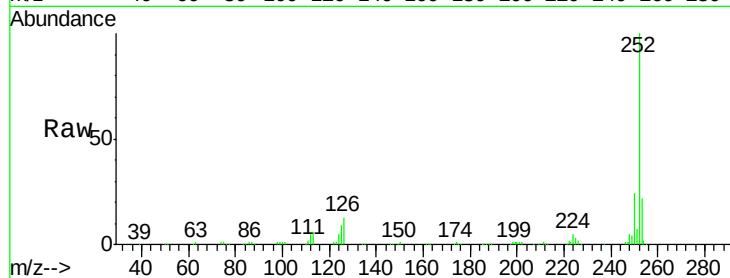
Tot Ion:252 Resp: 180910

Ion Ratio Lower Upper

252 100

253 22.0 16.6 24.8

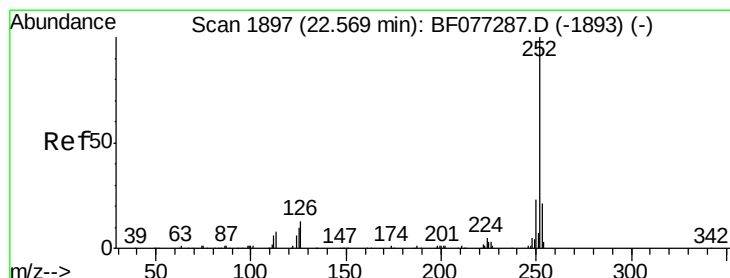
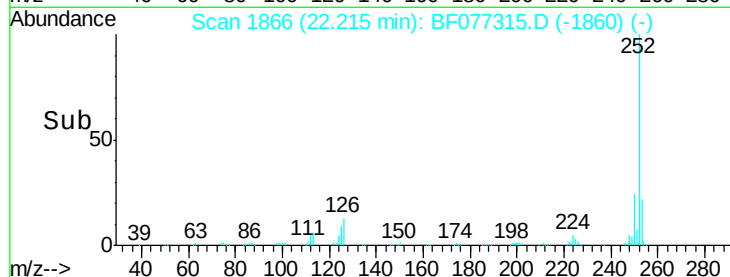
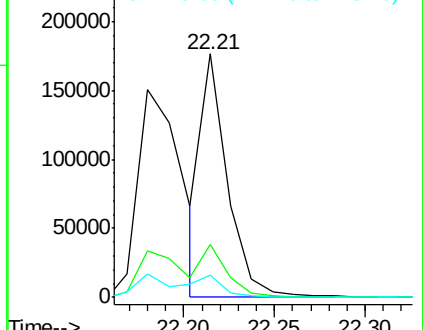
125 9.3 5.8 8.8#



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: 37.20 ng

RT: 22.53 min Scan# 1894

Delta R.T. -0.03 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

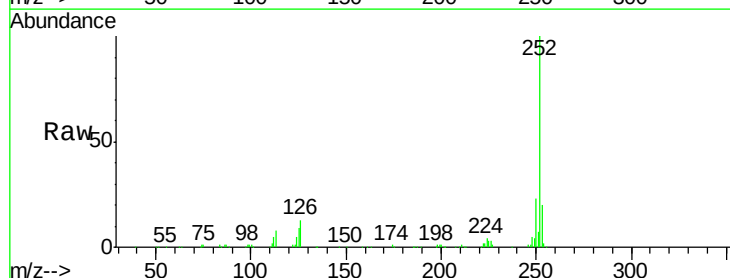
Tgt Ion:252 Resp: 213330

Ion Ratio Lower Upper

252 100

253 19.6 17.2 25.8

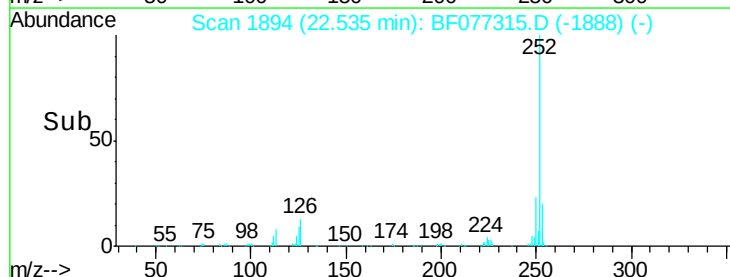
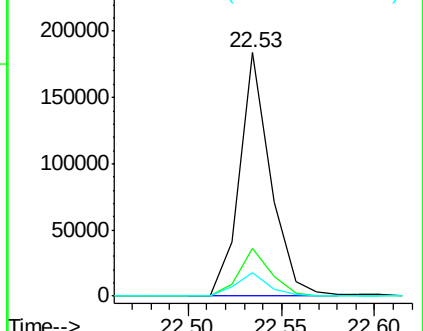
125 9.5 8.2 12.4

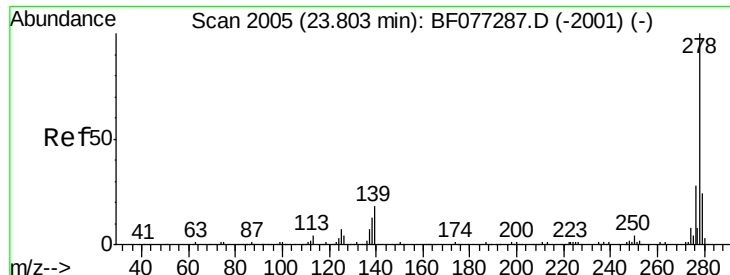


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 38.14 ng

RT: 23.72 min Scan# 1998

Delta R.T. -0.08 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

Instrument :

BNA_F

ClientSampleId :

1004-50(0-2)MSD

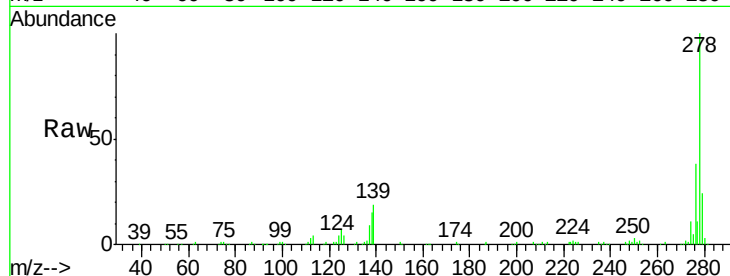
Tot Ion:278 Resp: 194233

Ion Ratio Lower Upper

278 100

139 18.9 14.2 21.2

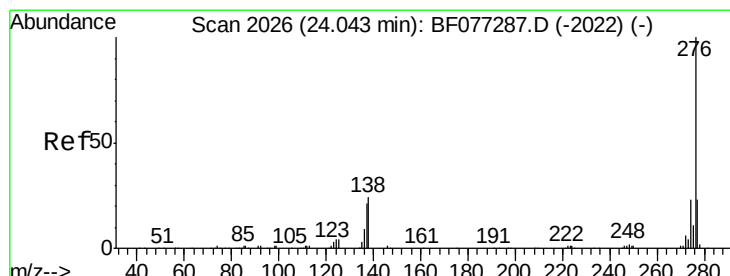
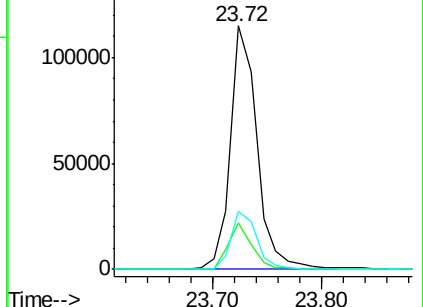
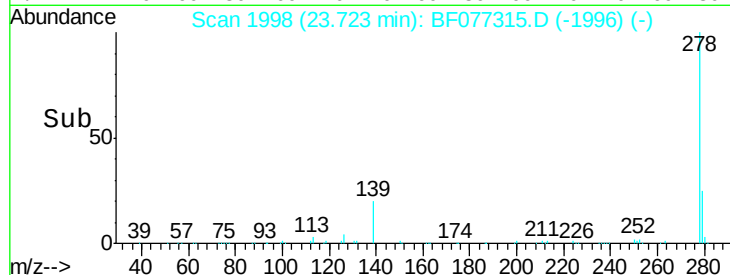
279 24.1 18.9 28.3



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(g,h,i)perylene

Concen: 36.70 ng

RT: 23.96 min Scan# 2019

Delta R.T. -0.08 min

Lab File: BF077315.D

Acq: 13 Feb 2015 19:07

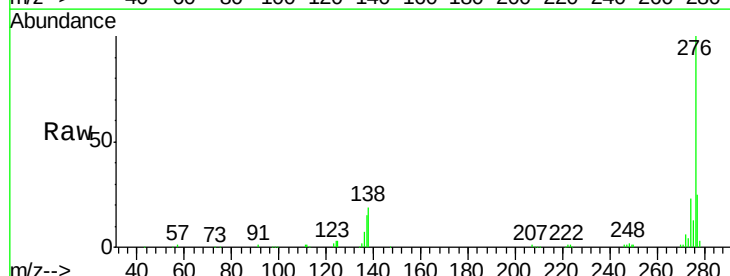
Tgt Ion:276 Resp: 184916

Ion Ratio Lower Upper

276 100

277 24.7 18.7 28.1

138 18.8 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

