

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077870.D
 Acq On : 20 Mar 2015 18:30
 Operator : TP/IZ
 Sample : G1604-05MS
 Misc : W/DOD
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MS

Quant Time: Mar 21 00:36:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 23:52:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	44716	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	180970	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	89043	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	169116	20.00	ng	-0.01
75) Chrysene-d12	16.02	240	185860	20.00	ng	0.01
86) Perylene-d12	17.85	264	179719	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	119509	46.65	ng	0.00
7) Phenol-d6	6.70	99	90130	28.48	ng	0.00
23) Nitrobenzene-d5	7.82	82	254799	92.29	ng	0.00
41) 2,4,6-Tribromophenol	11.86	330	98699	115.85	ng	0.00
44) 2-Fluorobiphenyl	10.05	172	542539	89.54	ng	0.00
78) Terphenyl-d14	14.71	244	531317	69.83	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.02	88	12663	10.89	ng	# 100
3) Pyridine	2.76	79	25639	8.20	ng	95
4) n-Nitrosodimethylamine	2.64	42	15488	11.38	ng	# 90
6) Aniline	6.72	93	84267	18.61	ng	# 82
8) 2-Chlorophenol	6.86	128	93920	30.80	ng	90
9) Benzaldehyde	6.57	77	8301	6.40	ng	96
10) Phenol	6.72	94	38522	10.30	ng	# 24
11) bis(2-Chloroethyl)ether	6.82	93	124330	44.37	ng	95
12) 1,3-Dichlorobenzene	7.05	146	132369	39.03	ng	98
13) 1,4-Dichlorobenzene	7.15	146	134801	38.25	ng	98
14) 1,2-Dichlorobenzene	7.33	146	129241	40.00	ng	99
15) Benzyl Alcohol	7.31	79	51497	20.84	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.49	45	164404	43.53	ng	98
17) 2-Methylphenol	7.47	107	57290	23.08	ng	98
18) Hexachloroethane	7.74	117	45589	39.45	ng	94
19) n-Nitroso-di-n-propylamine	7.65	70	88558	40.45	ng	# 93
20) 3+4-Methylphenols	7.66	107	64127	19.69	ng	98
22) Acetophenone	7.64	105	178751	44.62	ng	# 89
24) Nitrobenzene	7.85	77	129308	43.48	ng	# 85
25) Isophorone	8.14	82	234809	42.11	ng	95
26) 2-Nitrophenol	8.24	139	56214	38.61	ng	# 86
27) 2,4-Dimethylphenol	8.32	122	86632	32.66	ng	99
28) bis(2-Chloroethoxy)methane	8.43	93	154525	45.66	ng	99
29) 2,4-Dichlorophenol	8.54	162	89460	35.38	ng	95
30) 1,2,4-Trichlorobenzene	8.64	180	108622	38.39	ng	97
31) Naphthalene	8.73	128	365952	39.37	ng	99
32) Benzoic acid	8.40	122	12865	11.23	ng	95
33) 4-Chloroaniline	8.81	127	112661	29.87	ng	# 91
34) Hexachlorobutadiene	8.89	225	63504	39.60	ng	98
35) Caprolactam	9.24	113	2680	3.63	ng	# 90
36) 4-Chloro-3-methylphenol	9.42	107	85410	33.57	ng	96
37) 2-Methylnaphthalene	9.58	142	254700	40.79	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	108129	40.71	ng	# 100
40) Hexachlorocyclopentadiene	9.78	237	107940	81.14	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077870.D
 Acq On : 20 Mar 2015 18:30
 Operator : TP/IZ
 Sample : G1604-05MS
 Misc : W/DOD
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MS

Quant Time: Mar 21 00:36:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 23:52:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	67166	36.51	nq	95
43) 2,4,5-Trichlorophenol	10.00	196	73613	37.04	nq	97
45) 1,1'-Biphenyl	10.17	154	299253	42.04	nq	96
46) 2-Chloronaphthalene	10.19	162	241941	41.82	nq	95
47) 2-Nitroaniline	10.33	65	66077	45.99	nq	95
48) Acenaphthylene	10.69	152	379272	39.43	nq	99
49) Dimethylphthalate	10.57	163	295801	44.79	nq	98
50) 2,6-Dinitrotoluene	10.64	165	62830	45.90	nq	90
51) Acenaphthene	10.91	154	215904	39.15	nq	99
52) 3-Nitroaniline	10.84	138	56496	35.53	nq	90
53) 2,4-Dinitrophenol	10.97	184	38868	77.56	nq	95
54) Dibenzofuran	11.13	168	334853	40.93	nq	94
55) 4-Nitrophenol	11.07	139	26291	22.32	nq	95
56) 2,4-Dinitrotoluene	11.13	165	79147	44.34	nq	94
57) Fluorene	11.55	166	273573	40.28	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.29	232	61282	40.04	nq	# 100
59) Diethylphthalate	11.44	149	279455	43.43	nq	96
60) 4-Chlorophenyl-phenylether	11.56	204	124961	40.31	nq	# 89
61) 4-Nitroaniline	11.59	138	60632	38.27	nq	77
62) Azobenzene	11.76	77	258069	41.96	nq	93
64) 4,6-Dinitro-2-methylphenol	11.63	198	32159	40.97	nq	79
65) n-Nitrosodiphenylamine	11.71	169	239825	42.59	nq	99
66) 4-Bromophenyl-phenylether	12.17	248	78235	43.35	nq	# 91
67) Hexachlorobenzene	12.23	284	82561	41.63	nq	# 91
68) Atrazine	12.39	200	73870	46.81	nq	92
69) Pentachlorophenol	12.48	266	83784	80.64	nq	98
70) Phenanthrene	12.74	178	416081	42.86	nq	99
71) Anthracene	12.81	178	419664	43.75	nq	99
72) Carbazole	13.01	167	400476	43.89	nq	99
73) Di-n-butylphthalate	13.47	149	467020	45.65	nq	98
74) Fluoranthene	14.21	202	465923	43.51	nq	98
76) Benzidine	14.40	184	253172	55.26	nq	99
77) Pyrene	14.49	202	473389	40.50	nq	99
79) Butylbenzylphthalate	15.33	149	208945	45.34	nq	98
80) Benzo(a)anthracene	16.01	228	457549	41.53	nq	99
81) 3,3'-Dichlorobenzidine	15.99	252	141366	38.90	nq	99
82) Chrysene	16.05	228	435283	43.94	nq	100
83) Bis(2-ethylhexyl)phthalate	16.08	149	303155	43.43	nq	# 96
84) Di-n-octyl phthalate	16.92	149	517283	43.34	nq	100
85) Indeno(1,2,3-cd)pyrene	19.25	276	496774	40.18	nq	# 100
87) Benzo(b)fluoranthene	17.37	252	469755	40.04	nq	99
88) Benzo(k)fluoranthene	17.40	252	420563m	45.89	nq	
89) Benzo(a)pyrene	17.78	252	432421	44.17	nq	# 98
90) Dibenzo(a,h)anthracene	19.28	278	417460	42.99	nq	98
91) Benzo(g,h,i)perylene	19.65	276	417659	42.25	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

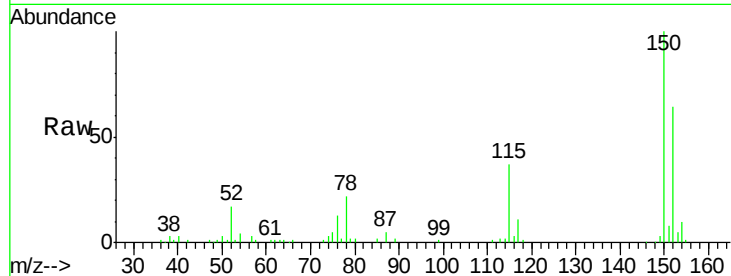
Tot Ion:152 Resp: 44716

Ion Ratio Lower Upper

152 100

150 156.7 119.5 179.3

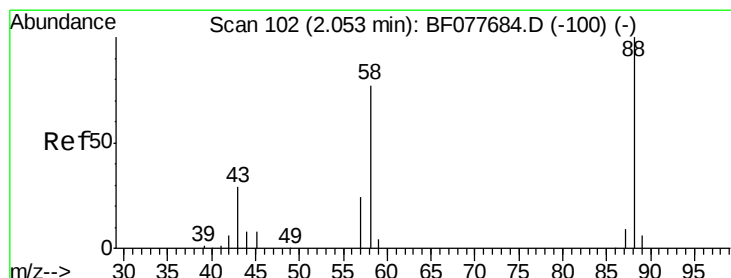
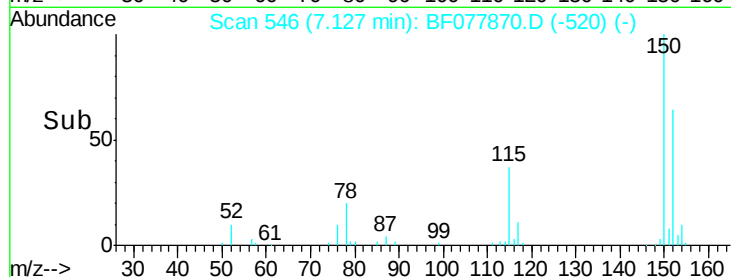
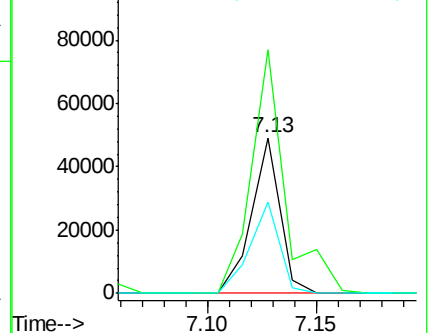
115 58.5 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.89 ng

RT: 2.02 min Scan# 99

Delta R.T. 0.02 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

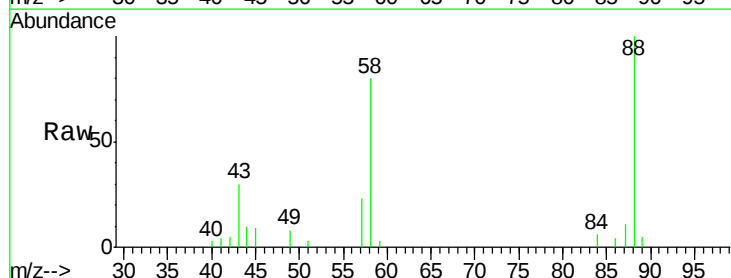
Tgt Ion: 88 Resp: 12663

Ion Ratio Lower Upper

88 100

58 78.4 0.0 0.0#

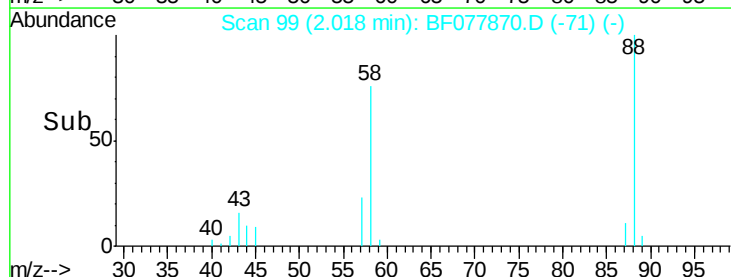
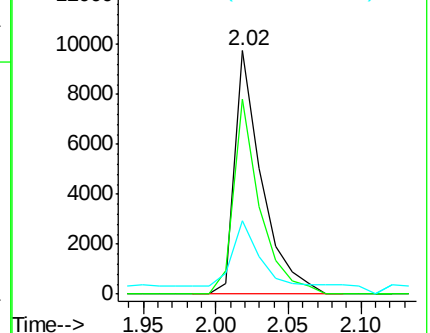
43 43.5 0.0 0.0#

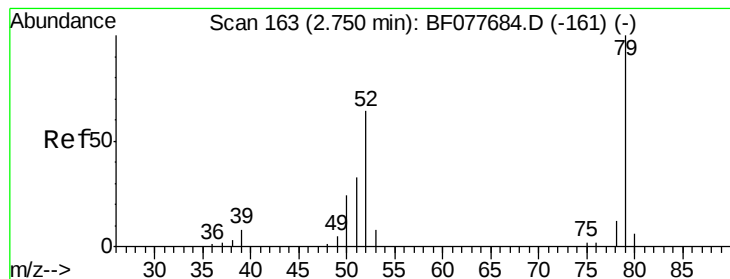


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 8.20 ng

RT: 2.76 min Scan# 164

Delta R.T. 0.08 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

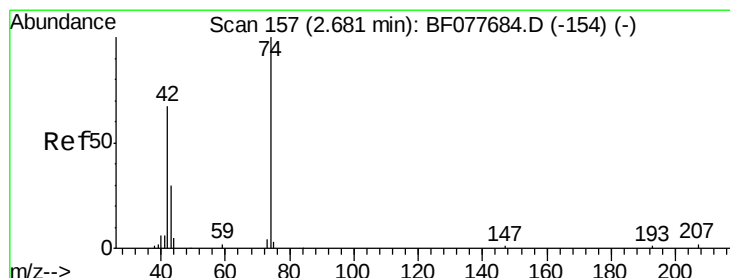
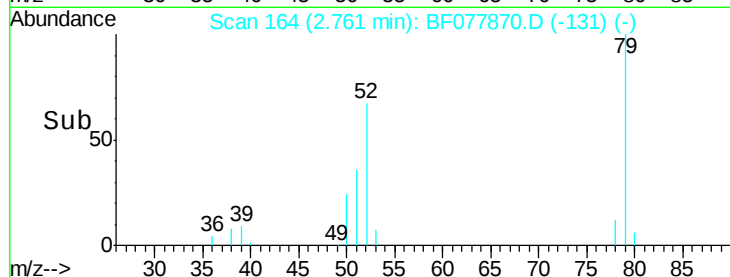
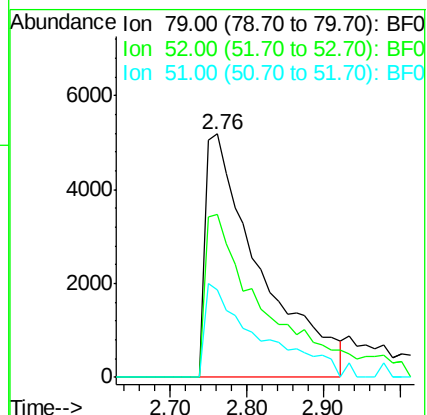
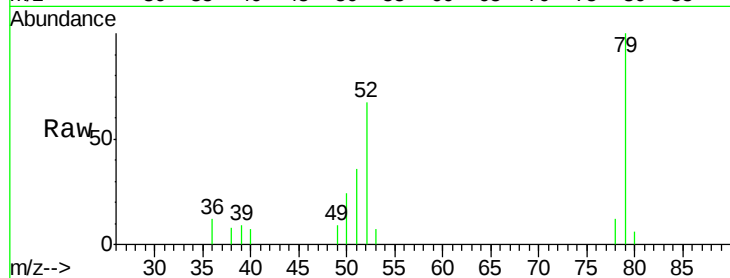
Tot Ion: 79 Resp: 25639

Ion Ratio Lower Upper

79 100

52 67.1 51.1 76.7

51 36.1 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 11.38 ng

RT: 2.64 min Scan# 153

Delta R.T. 0.02 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

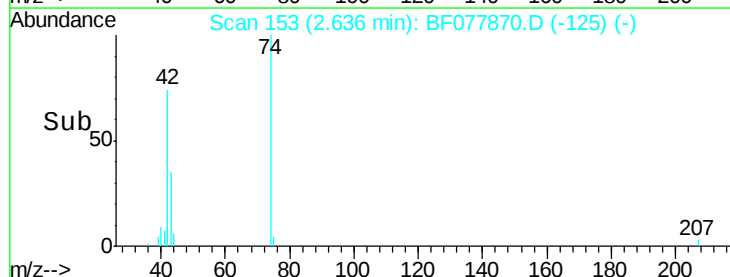
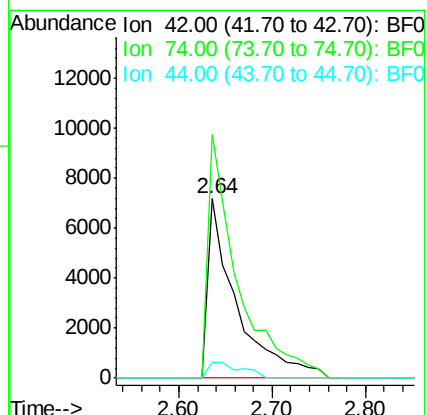
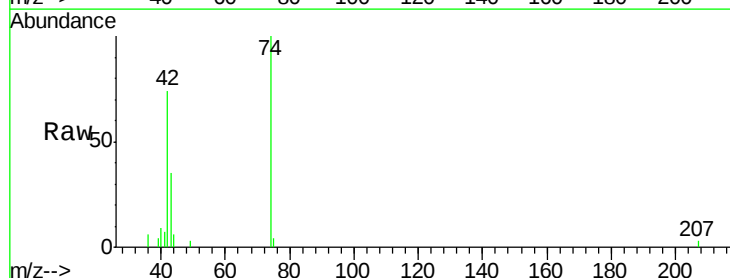
Tgt Ion: 42 Resp: 15488

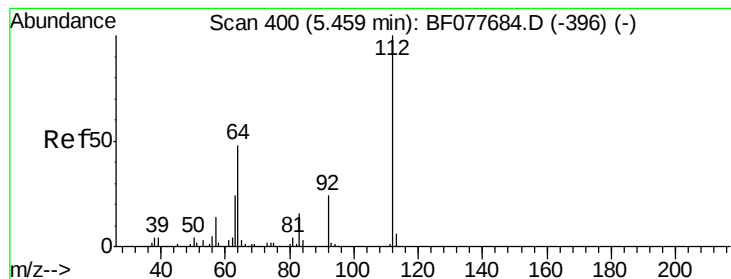
Ion Ratio Lower Upper

42 100

74 135.7 119.3 178.9

44 8.8 5.4 8.2#





#5

2-Fluorophenol

Concen: 46.65 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

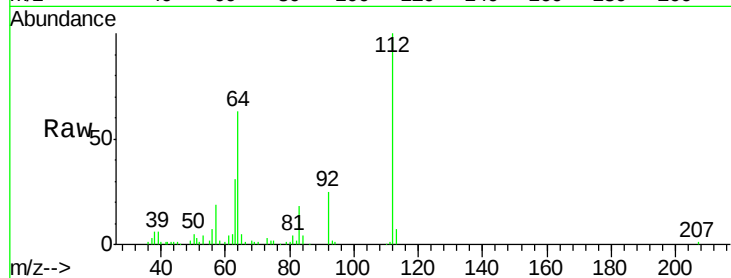
Tot Ion:112 Resp: 119509

Ion Ratio Lower Upper

112 100

64 62.5 38.6 57.8#

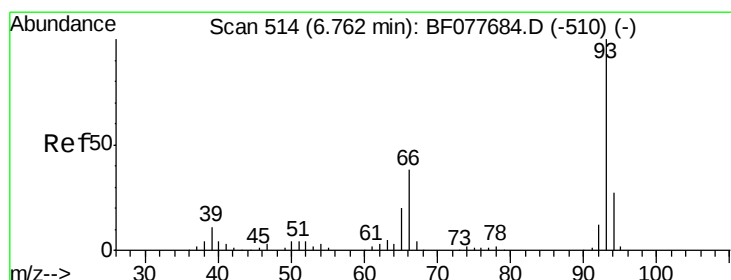
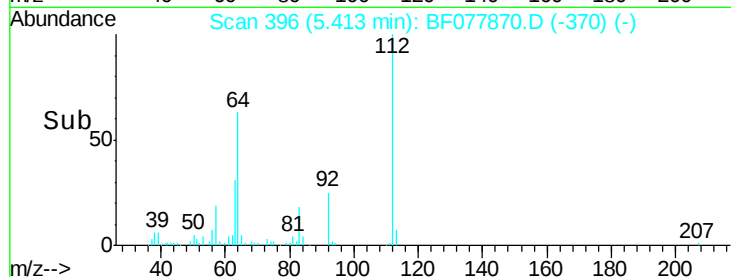
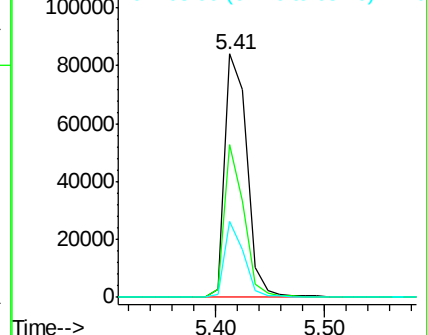
63 31.2 19.3 28.9#



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: 18.61 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

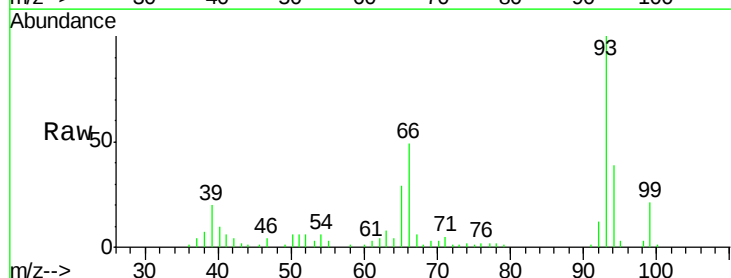
Tgt Ion: 93 Resp: 84267

Ion Ratio Lower Upper

93 100

66 49.4 30.8 46.2#

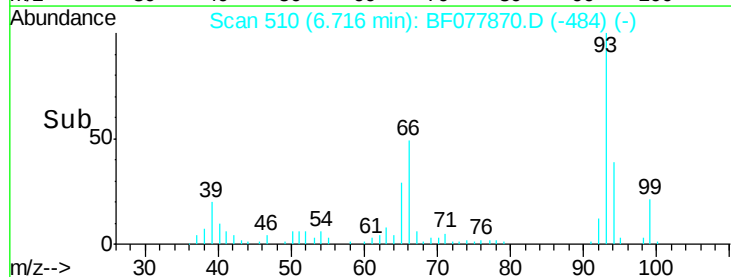
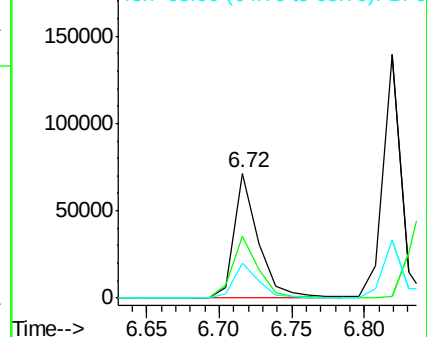
65 28.5 16.0 24.0#



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: 28.48 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

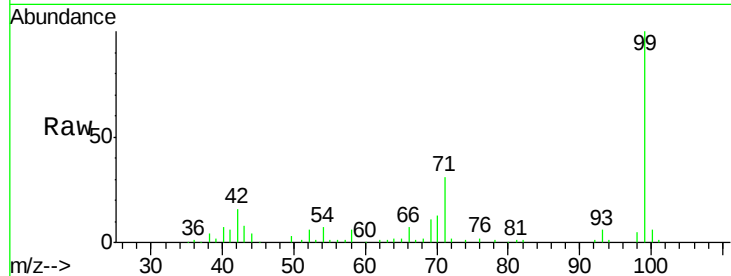
Tot Ion: 99 Resp: 90130

Ion Ratio Lower Upper

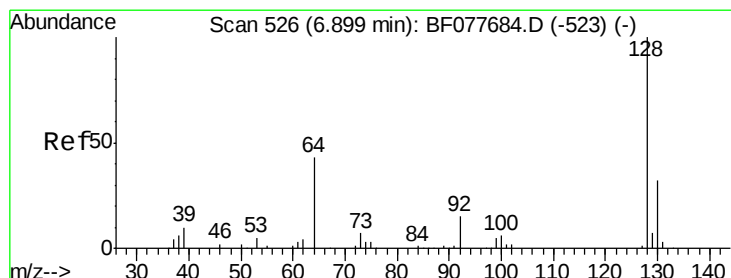
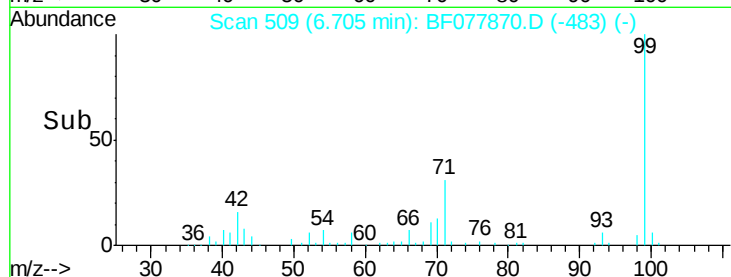
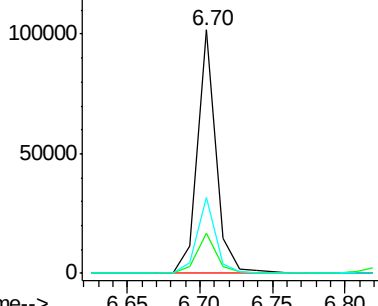
99 100

42 16.3 11.0 16.4

71 31.3 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 30.80 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

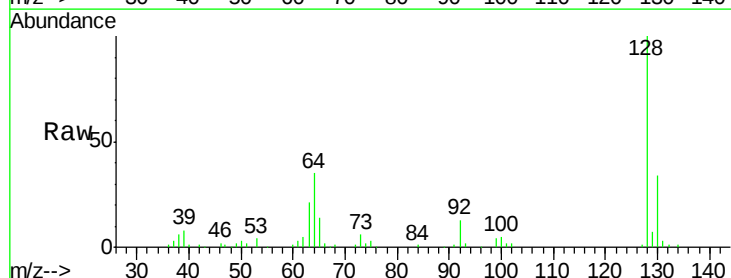
Tgt Ion: 128 Resp: 93920

Ion Ratio Lower Upper

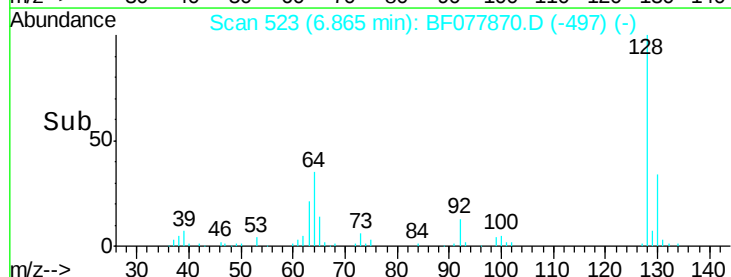
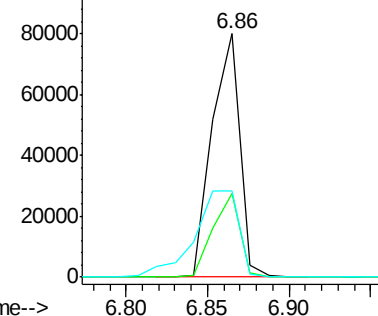
128 100

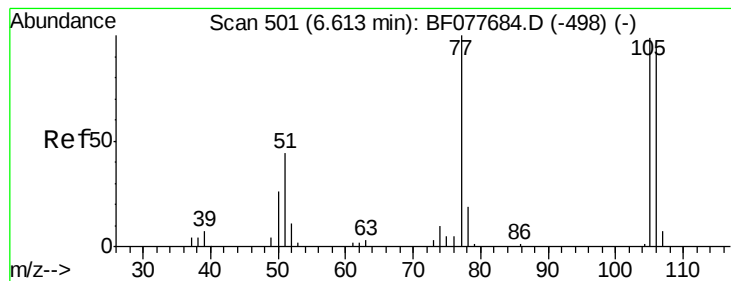
130 34.3 12.0 52.0

64 35.5 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.40 ng

RT: 6.57 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

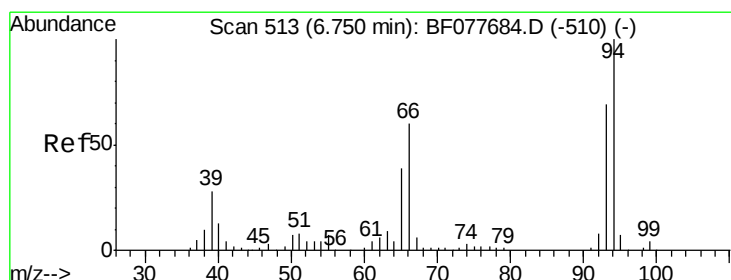
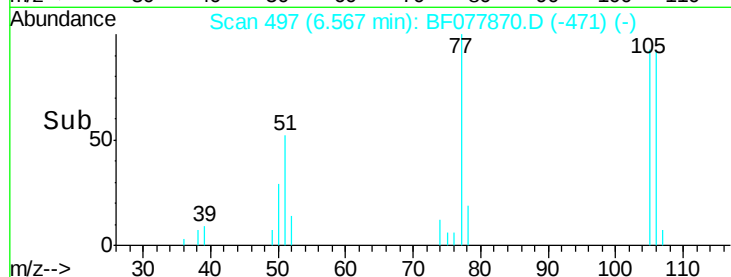
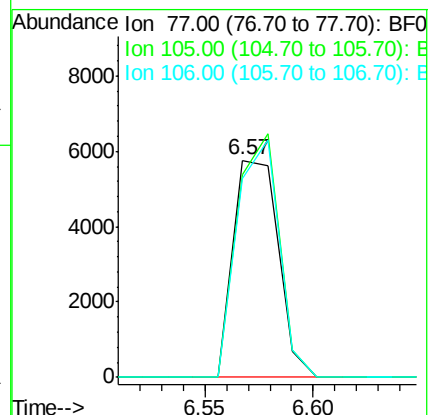
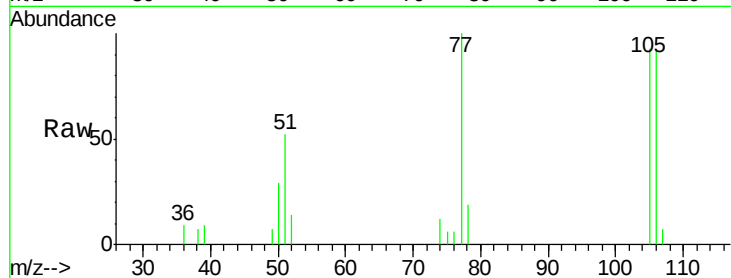
Tot Ion: 77 Resp: 8301

Ion Ratio Lower Upper

77 100

105 93.4 78.8 118.8

106 91.6 73.7 113.7



#10

Phenol

Concen: 10.30 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

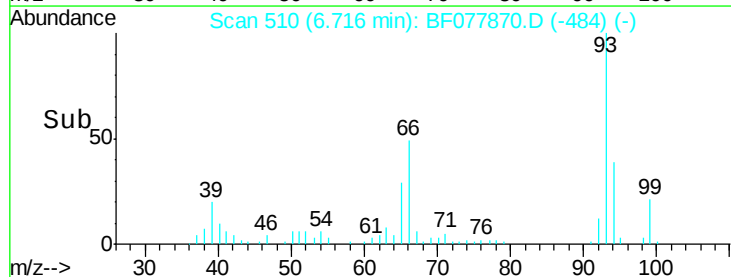
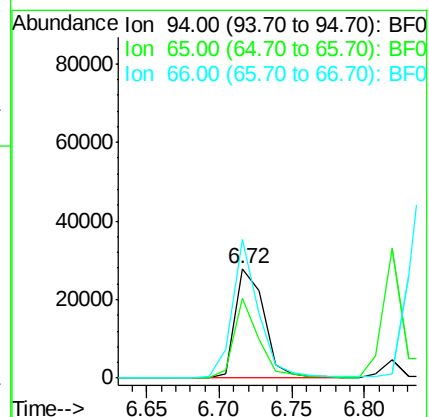
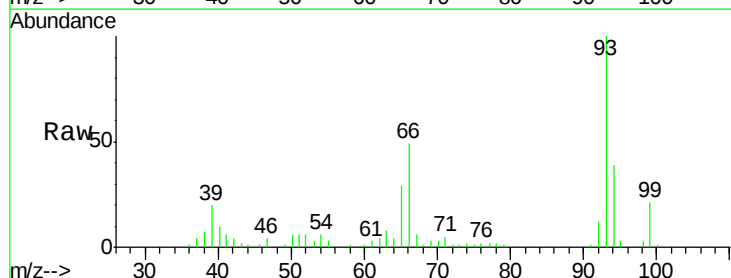
Tgt Ion: 94 Resp: 38522

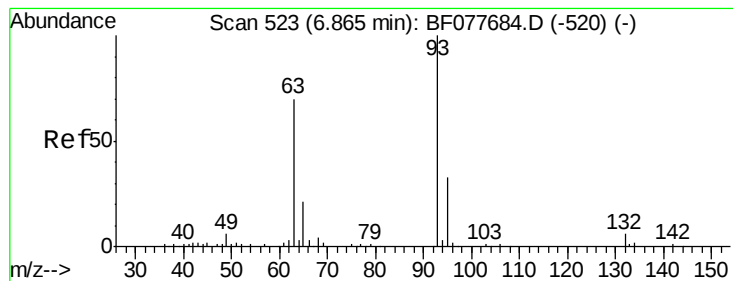
Ion Ratio Lower Upper

94 100

65 73.1 18.8 58.8#

66 126.6 39.9 79.9#





#11

bis(2-Chloroethyl)ether

Concen: 44.37 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

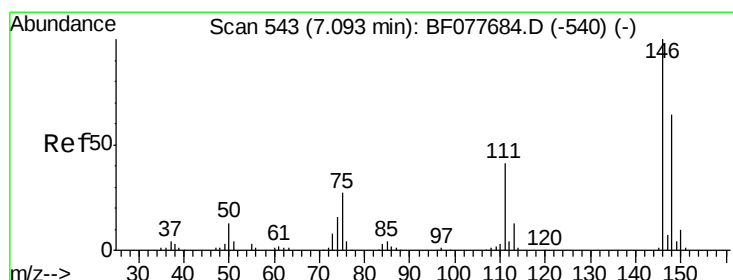
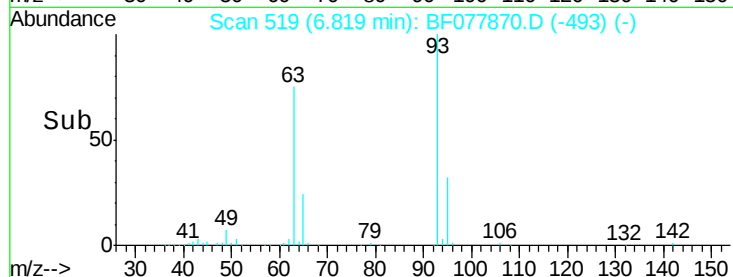
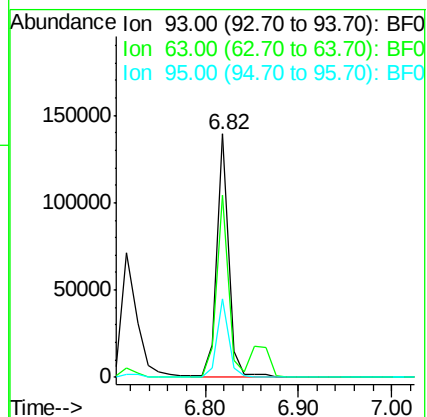
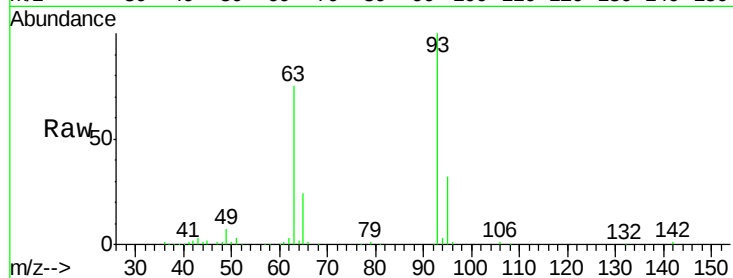
Tot Ion: 93 Resp: 124330

Ion Ratio Lower Upper

93 100

63 74.6 49.5 89.5

95 32.2 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 39.03 ng

RT: 7.05 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

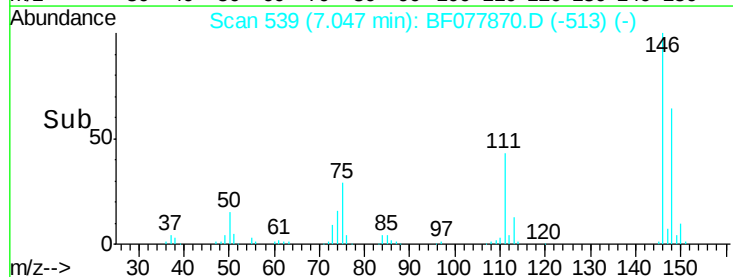
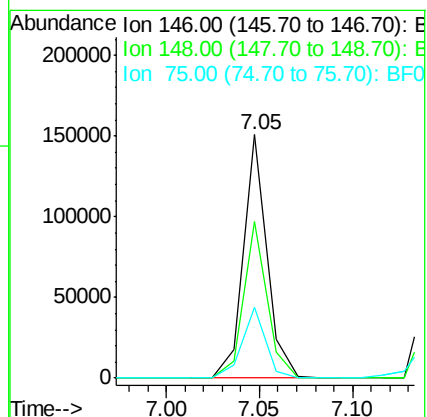
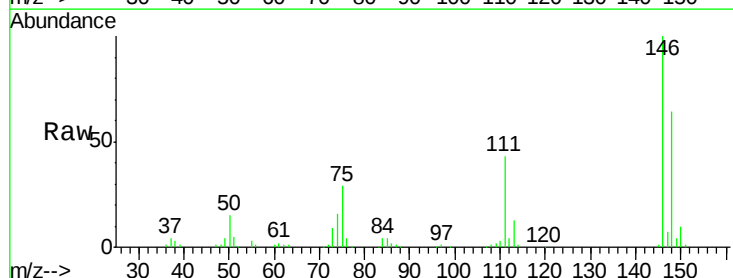
Tgt Ion: 146 Resp: 132369

Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

75 28.9 21.4 32.2

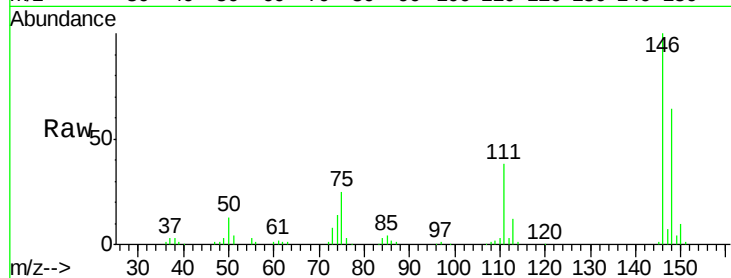




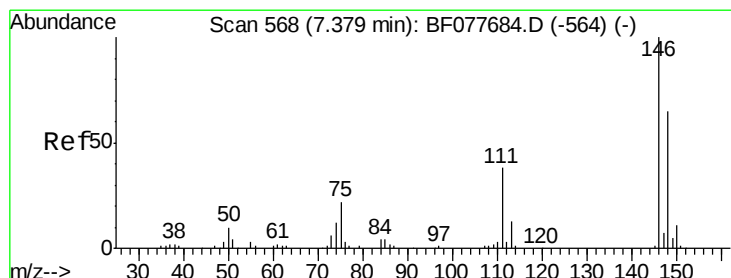
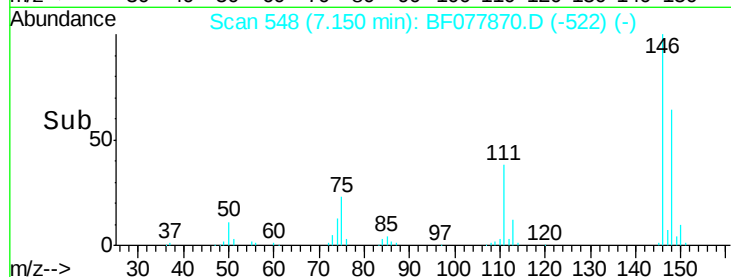
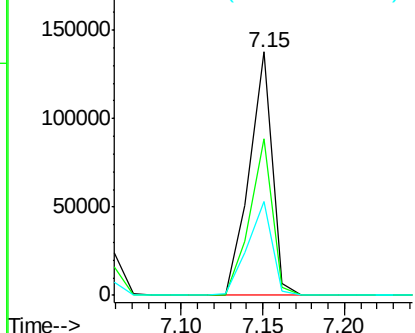
#13
 1,4-Dichlorobenzene
 Concen: 38.25 ng
 RT: 7.15 min Scan# 548
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MS

Tot Ion:146 Resp: 134801
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.9 77.9
 111 38.4 29.2 43.8

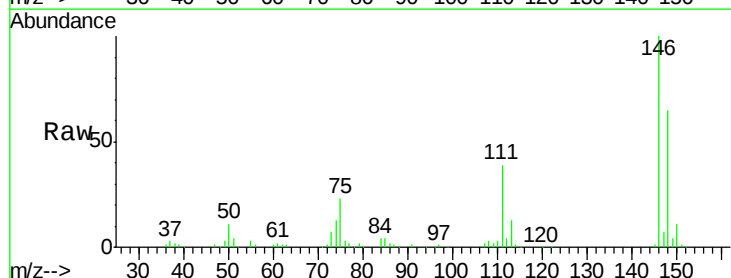


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

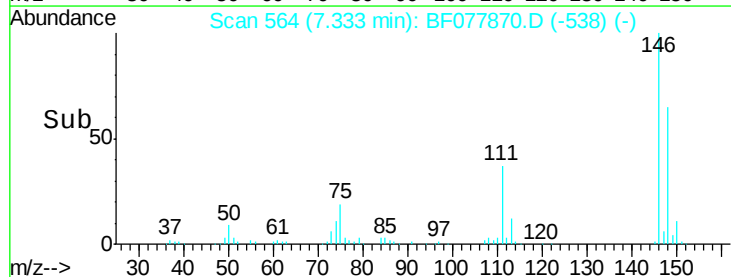
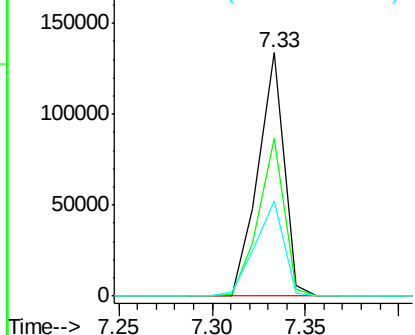


#14
 1,2-Dichlorobenzene
 Concen: 40.00 ng
 RT: 7.33 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Tgt Ion:146 Resp: 129241
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.3 78.5
 111 38.9 30.6 45.8



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

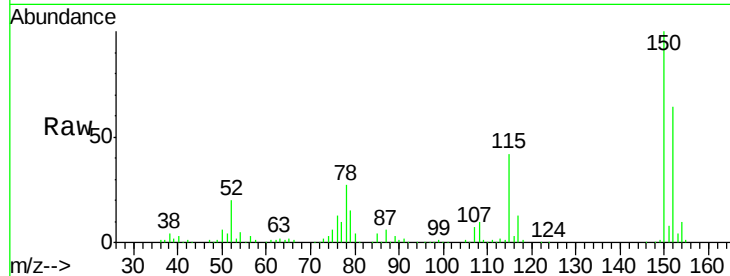




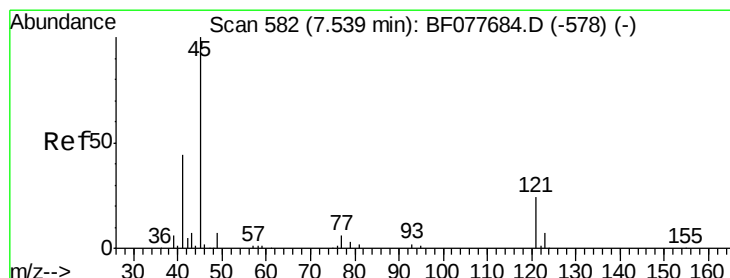
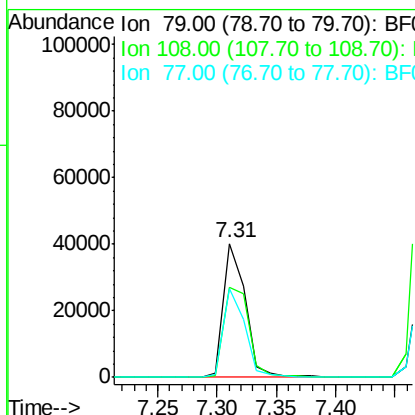
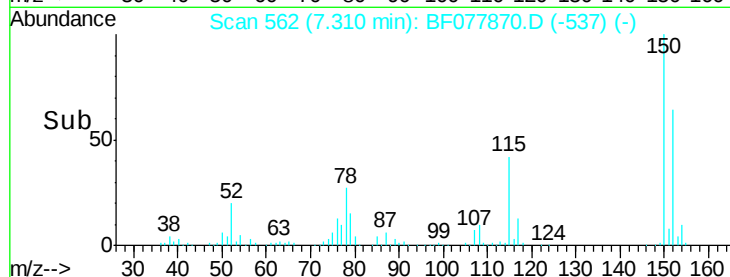
#15
Benzyl Alcohol
Concen: 20.84 ng
RT: 7.31 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

Tot Ion: 79 Resp: 51497
Ion Ratio Lower Upper
79 100
108 67.2 65.0 97.4
77 66.1 53.0 79.6

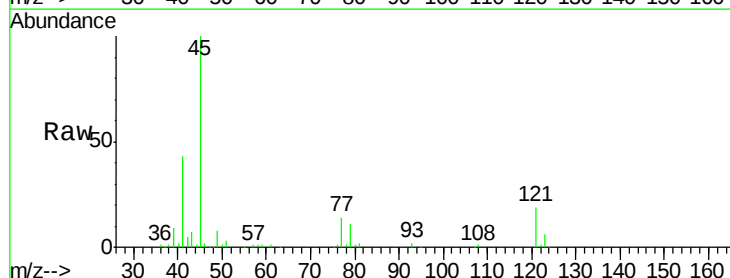


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

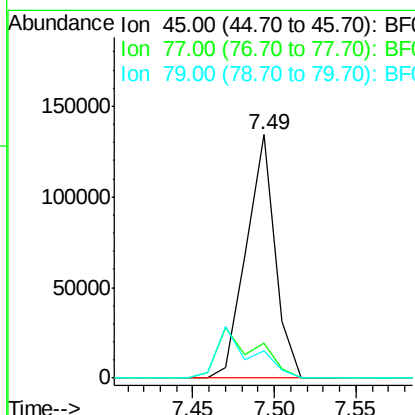
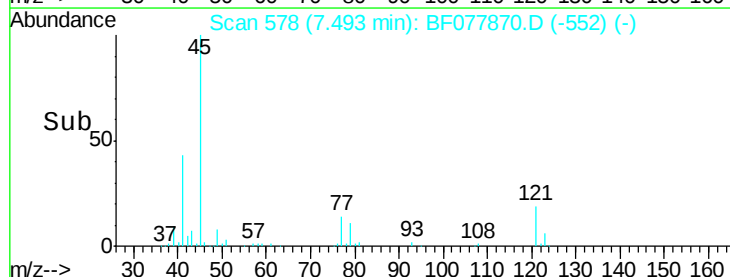


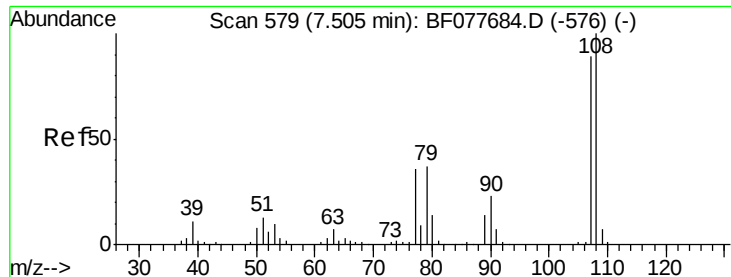
#16
2,2'-oxybis(1-chloropropane)
Concen: 43.53 ng
RT: 7.49 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion: 45 Resp: 164404
Ion Ratio Lower Upper
45 100
77 14.2 0.0 35.2
79 11.1 0.0 32.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

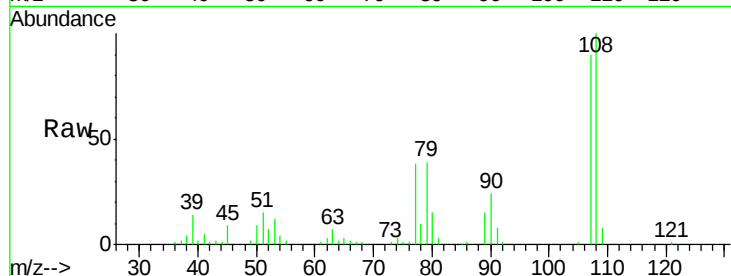




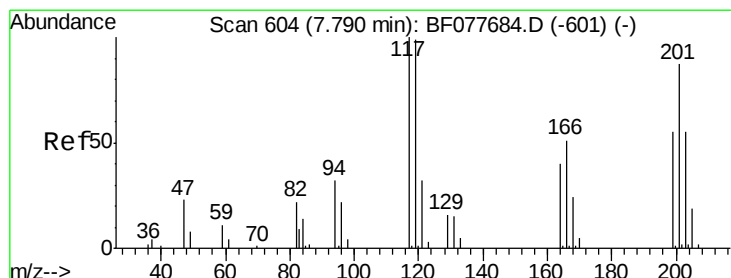
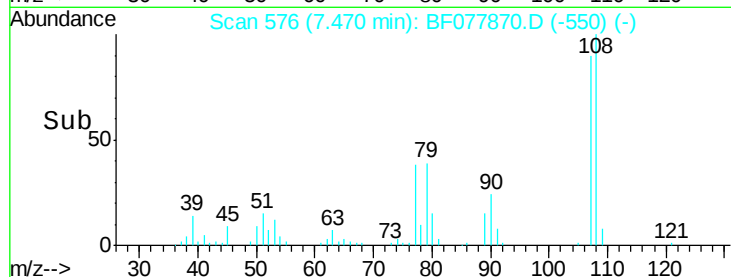
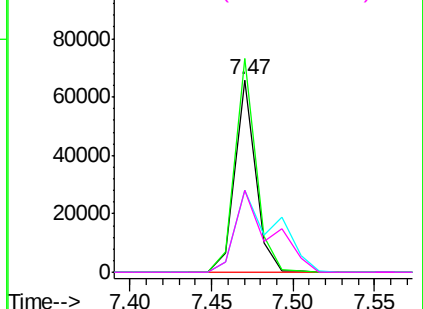
#17
2-Methylphenol
Concen: 23.08 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

Tot Ion:107 Resp: 57290
Ion Ratio Lower Upper
107 100
108 111.1 89.8 134.8
77 42.5 32.6 48.8
79 43.0 32.8 49.2

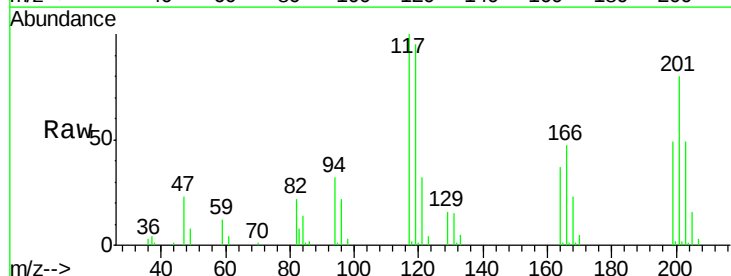


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

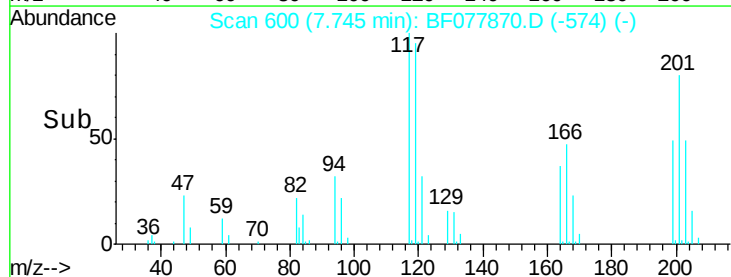
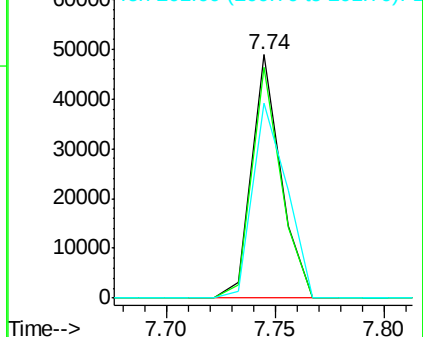


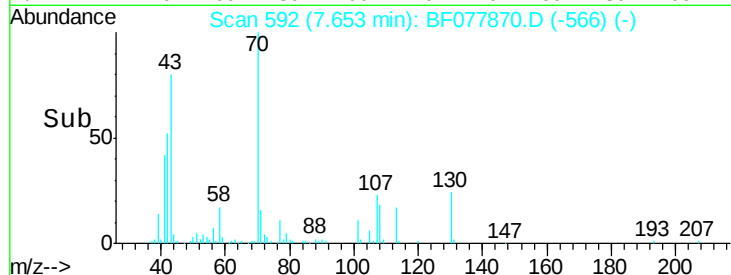
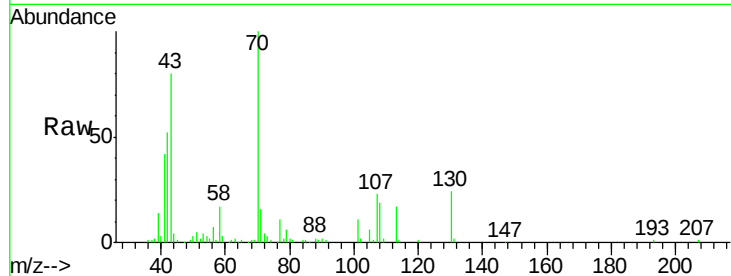
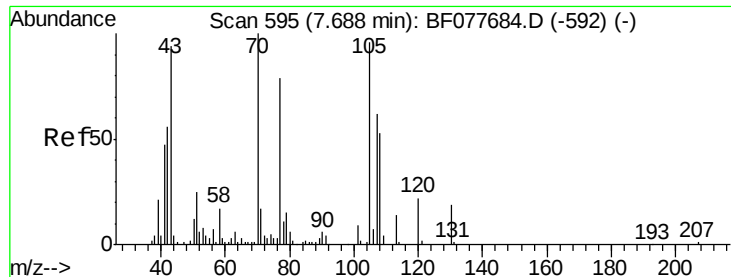
#18
Hexachloroethane
Concen: 39.45 ng
RT: 7.74 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:117 Resp: 45589
Ion Ratio Lower Upper
117 100
119 94.8 79.2 118.8
201 80.2 69.8 104.6



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

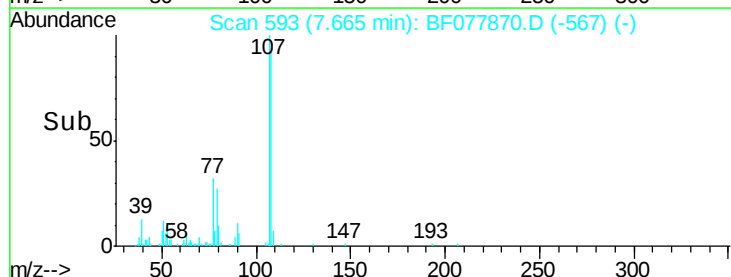
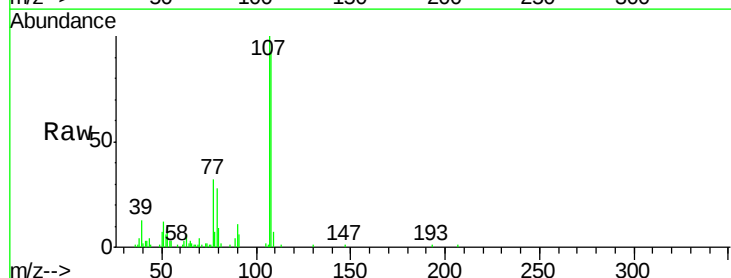
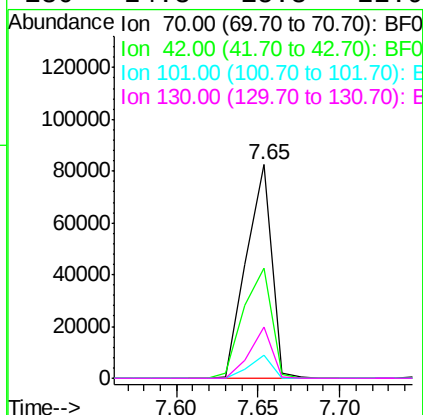




#19
n-Nitroso-di-n-propylamine
Concen: 40.45 ng
RT: 7.65 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

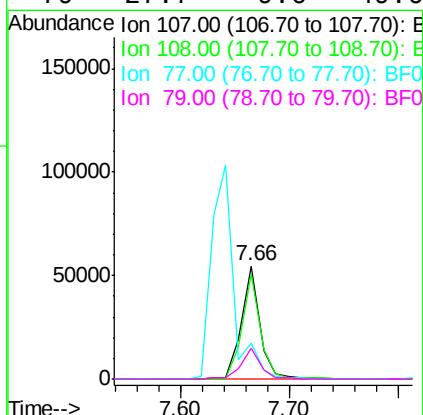
Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

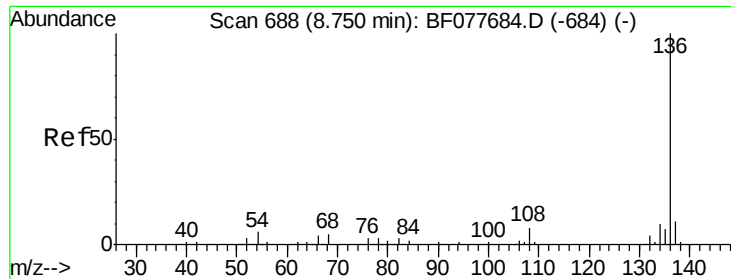
Tot Ion: 70 Resp: 88558
Ion Ratio Lower Upper
70 100
42 51.6 44.5 66.7
101 10.5 7.4 11.2
130 24.3 15.3 22.9#



#20
3+4-Methylphenols
Concen: 19.69 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:107 Resp: 64127
Ion Ratio Lower Upper
107 100
108 92.3 73.2 113.2
77 32.0 10.7 50.7
79 27.7 9.6 49.6

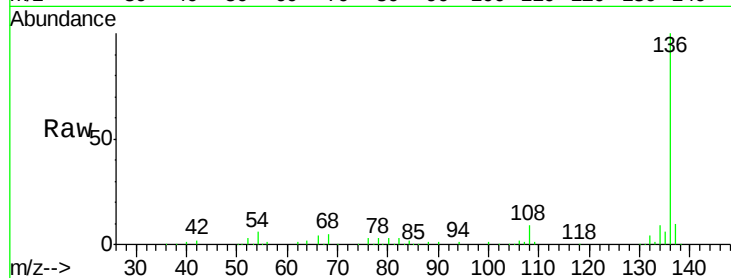




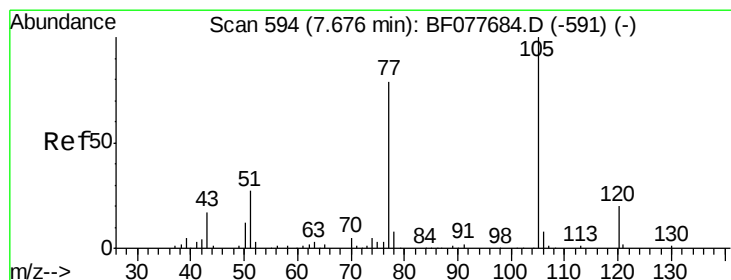
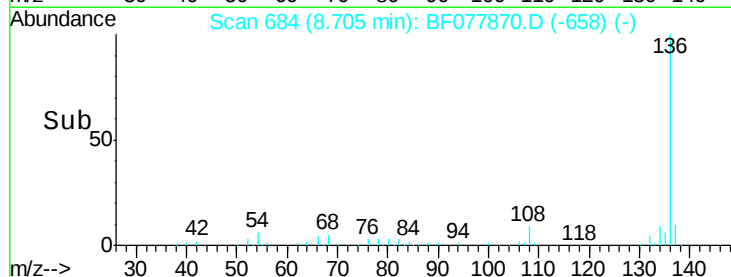
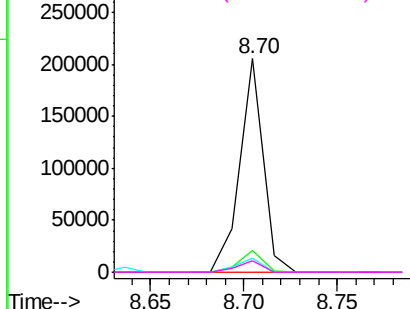
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

Tot Ion:136	Resp:	180970
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.7 13.1
54	6.4	4.6 6.8
68	5.2	3.7 5.5

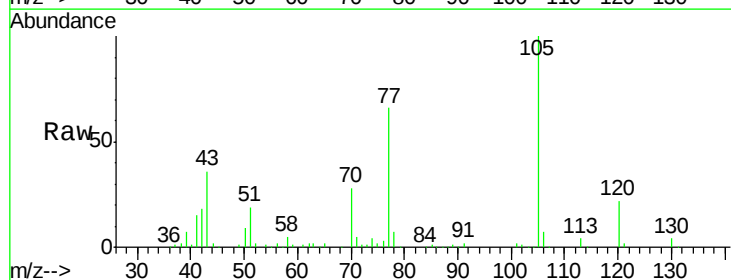


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

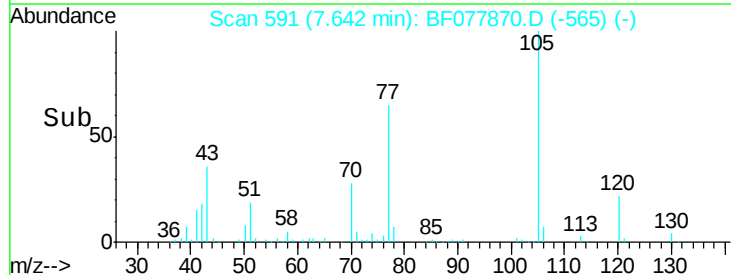
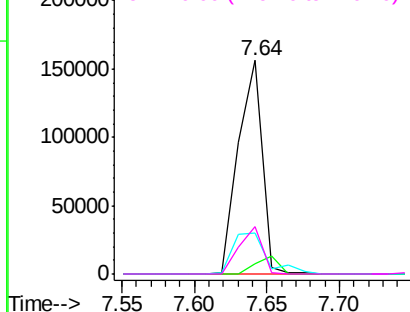


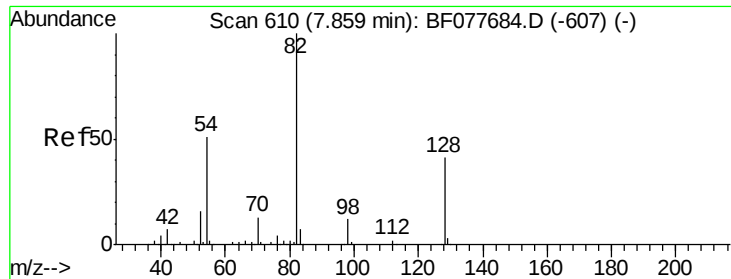
#22
Acetophenone
Concen: 44.62 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:105	Resp:	178751
Ion Ratio	Lower	Upper
105	100	
71	4.7	0.6 1.0#
51	19.0	21.6 32.4#
120	22.3	16.1 24.1



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

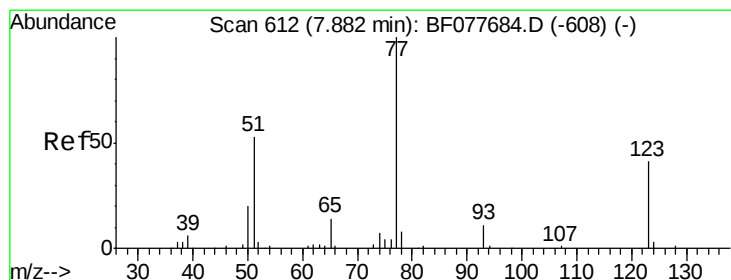
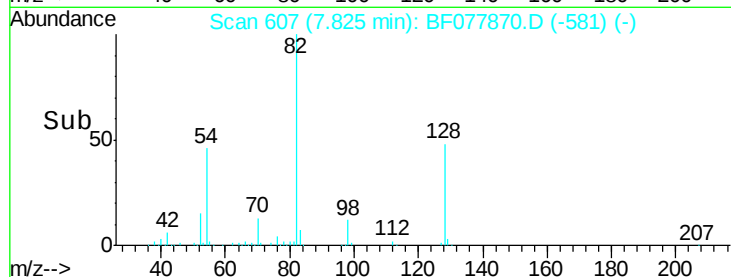
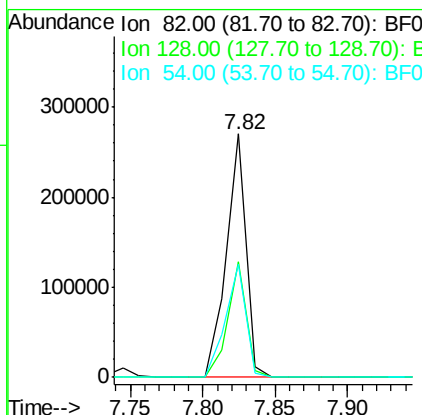
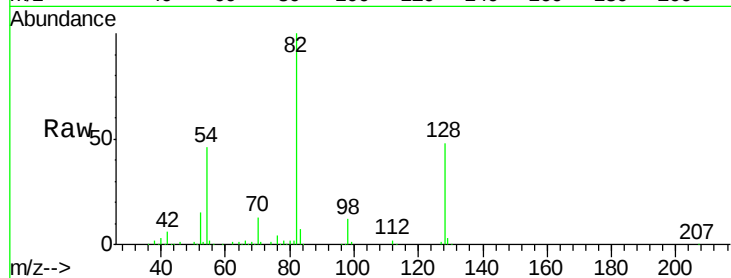




#23
 Nitrobenzene-d5
 Concen: 92.29 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

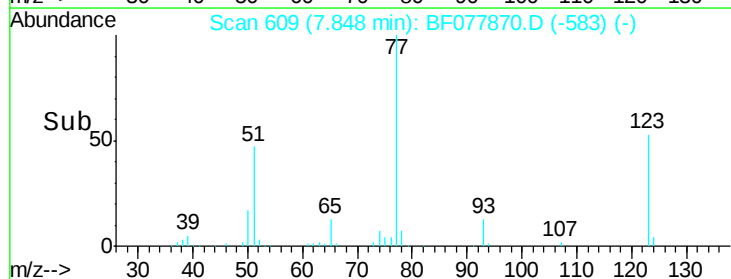
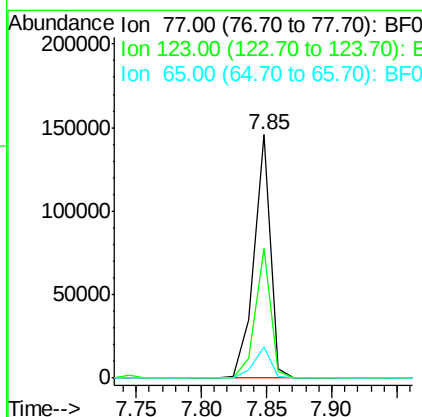
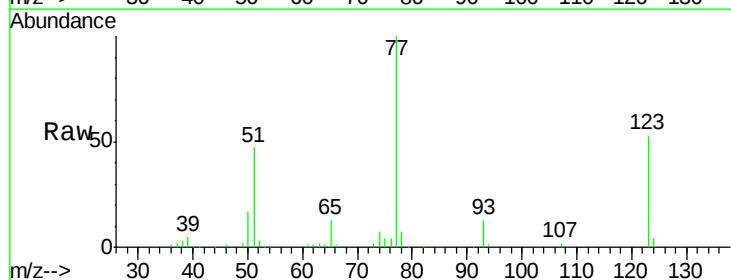
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MS

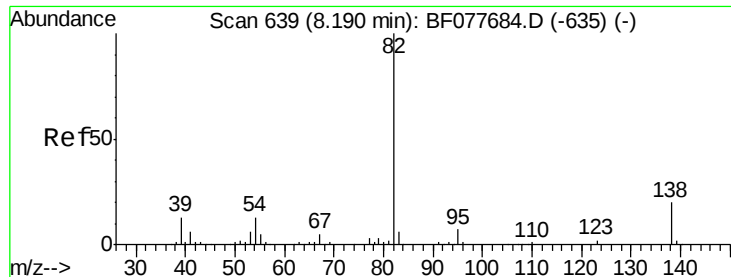
Tot Ion: 82 Resp: 254799
 Ion Ratio Lower Upper
 82 100
 128 47.7 32.8 49.2
 54 46.2 40.6 60.8



#24
 Nitrobenzene
 Concen: 43.48 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Tgt Ion: 77 Resp: 129308
 Ion Ratio Lower Upper
 77 100
 123 53.1 32.6 49.0#
 65 12.9 10.9 16.3





#25

Isophorone

Concen: 42.11 ng

RT: 8.14 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

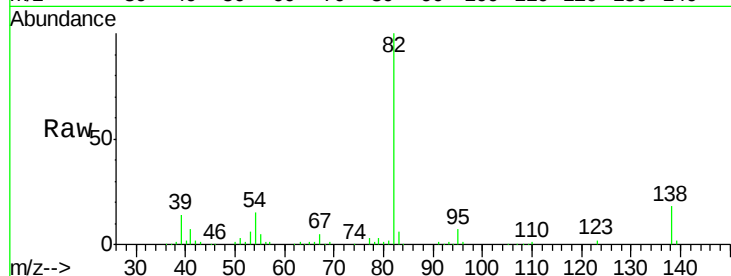
Tot Ion: 82 Resp: 234809

Ion Ratio Lower Upper

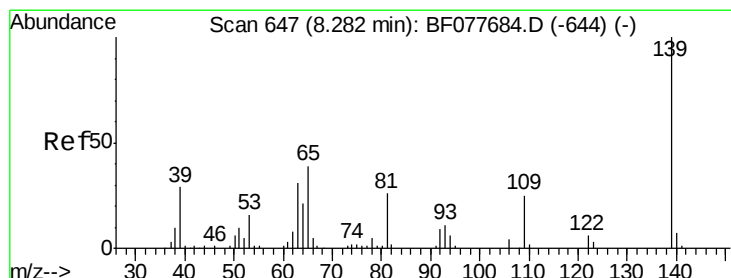
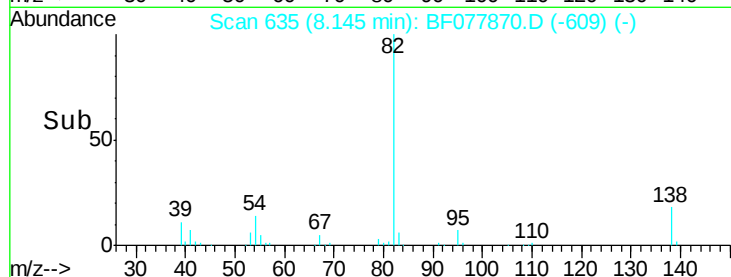
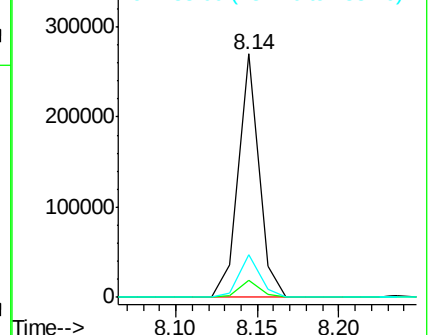
82 100

95 6.8 5.8 8.6

138 17.7 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.61 ng

RT: 8.24 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

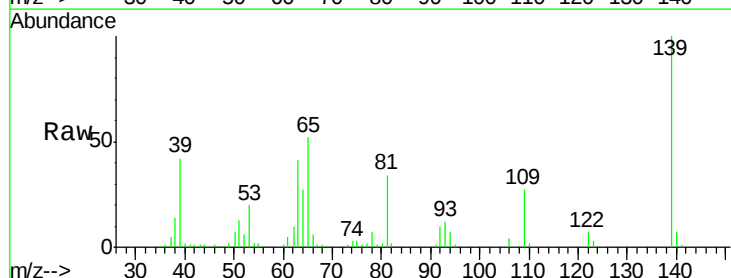
Tgt Ion: 139 Resp: 56214

Ion Ratio Lower Upper

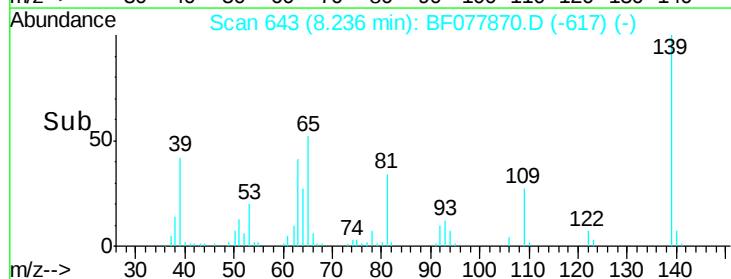
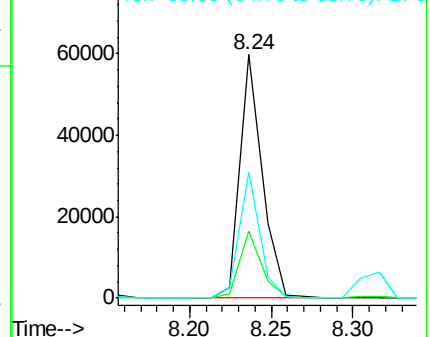
139 100

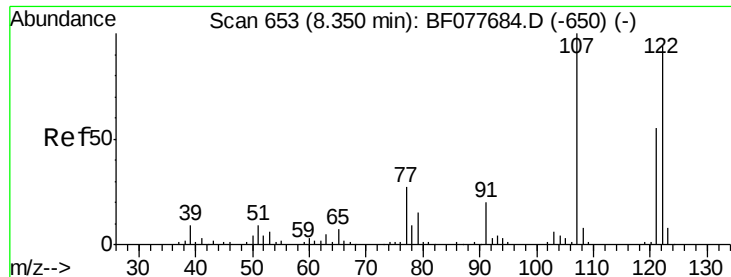
109 27.4 20.1 30.1

65 51.8 31.5 47.3#



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: 32.66 ng

RT: 8.32 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

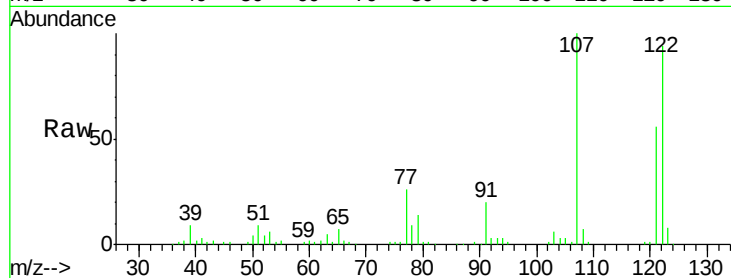
Tot Ion:122 Resp: 86632

Ion Ratio Lower Upper

122 100

107 106.3 84.7 127.1

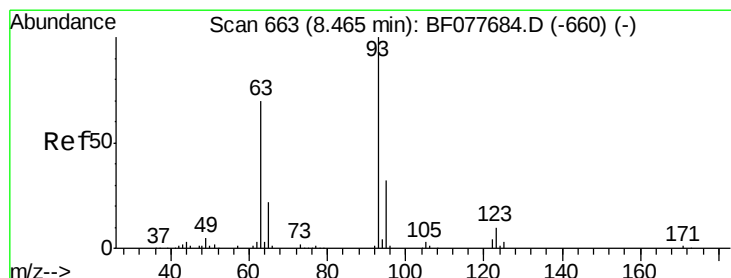
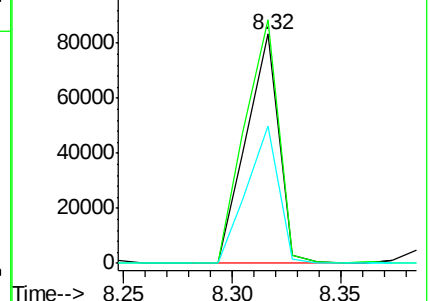
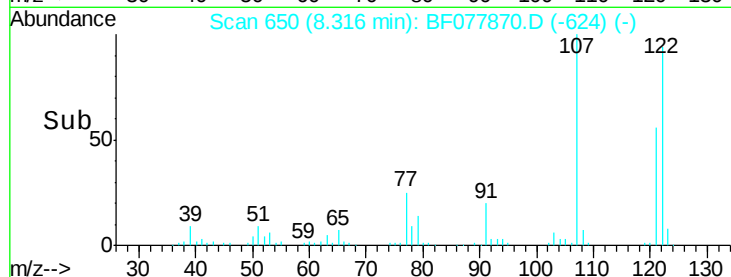
121 59.8 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.66 ng

RT: 8.43 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

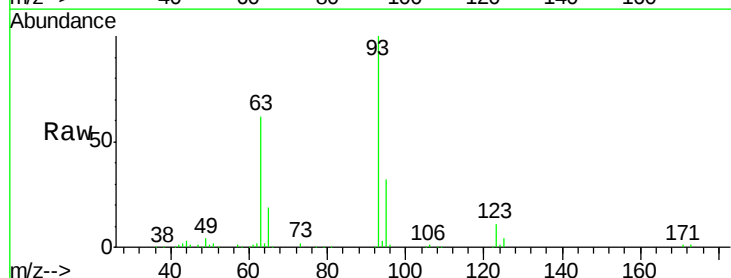
Tgt Ion: 93 Resp: 154525

Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

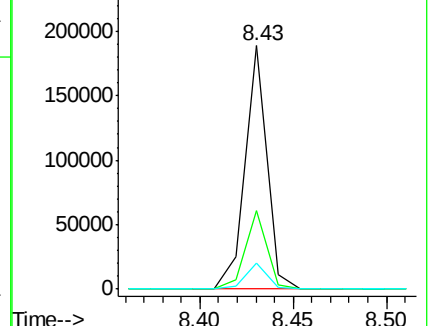
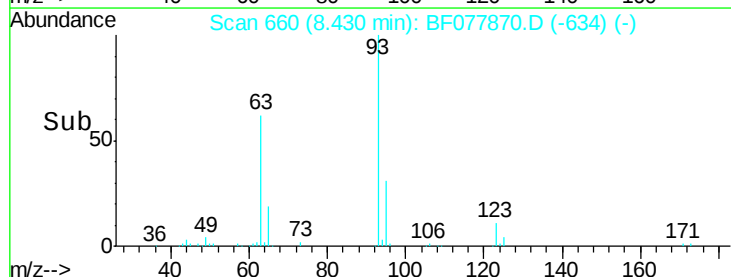
123 10.9 8.6 13.0

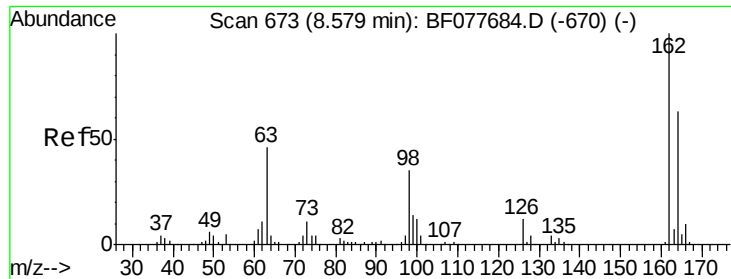


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

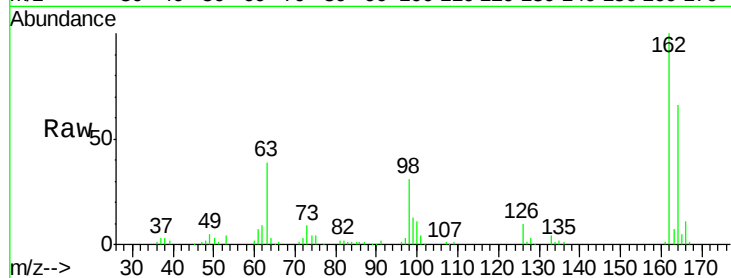




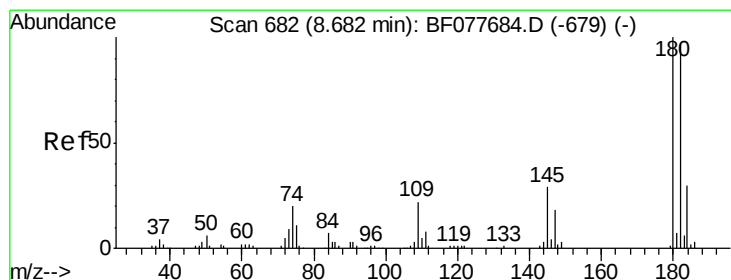
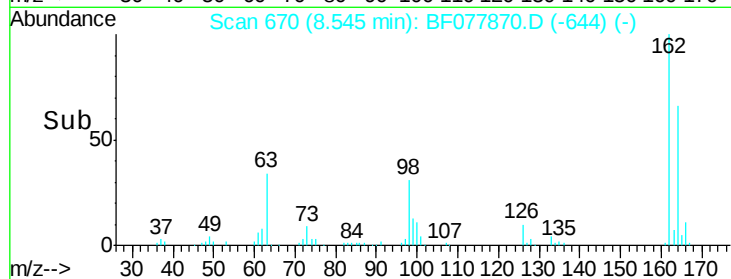
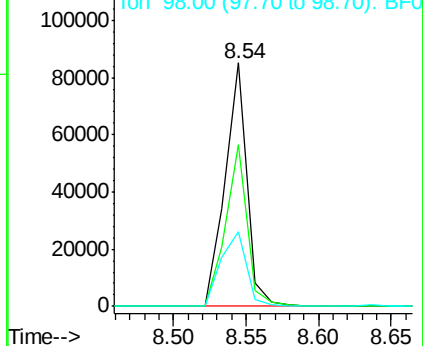
#29
 2,4-Dichlorophenol
 Concen: 35.38 ng
 RT: 8.54 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MS

Tot Ion:162 Resp: 89460
 Ion Ratio Lower Upper
 162 100
 164 66.4 42.8 82.8
 98 30.6 14.5 54.5

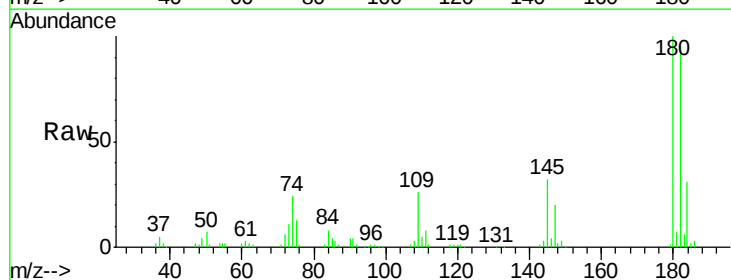


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

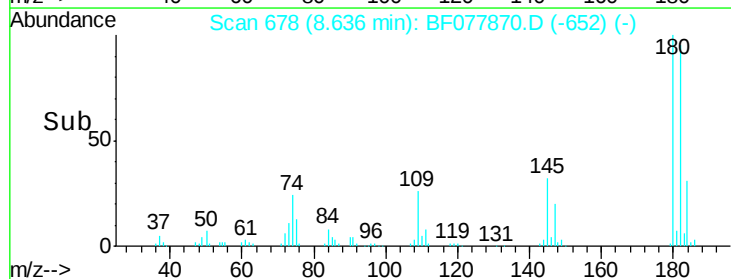
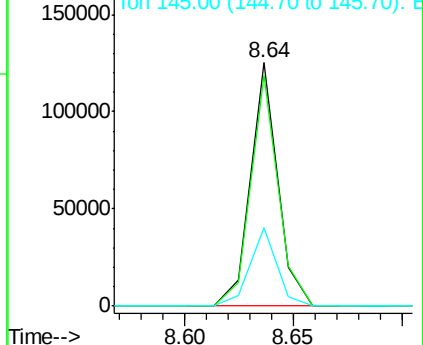


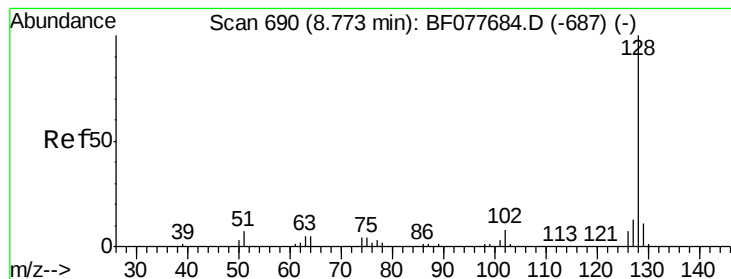
#30
 1,2,4-Trichlorobenzene
 Concen: 38.39 ng
 RT: 8.64 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Tgt Ion:180 Resp: 108622
 Ion Ratio Lower Upper
 180 100
 182 94.6 77.6 116.4
 145 32.3 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.37 ng

RT: 8.73 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

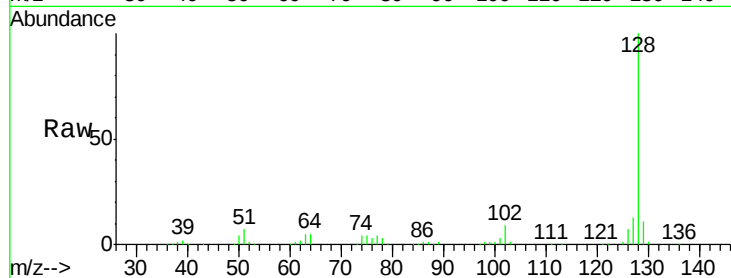
Tot Ion:128 Resp: 365952

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

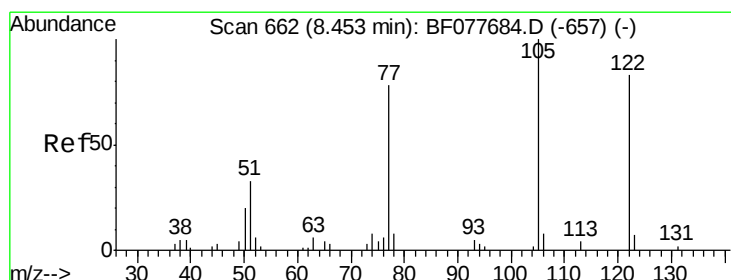
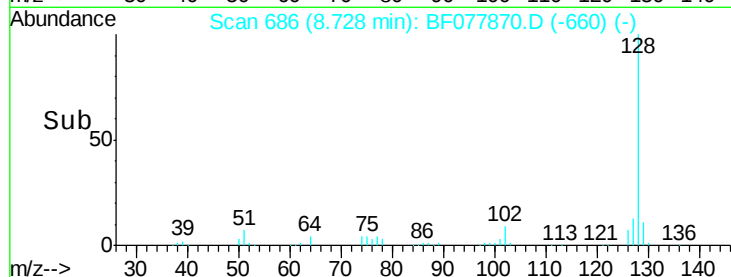
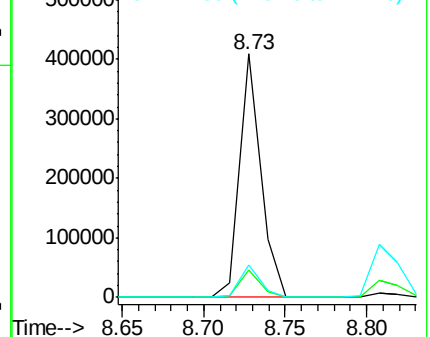
127 13.3 10.4 15.6



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



#32

Benzoic acid

Concen: 11.23 ng

RT: 8.40 min Scan# 657

Delta R.T. -0.03 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

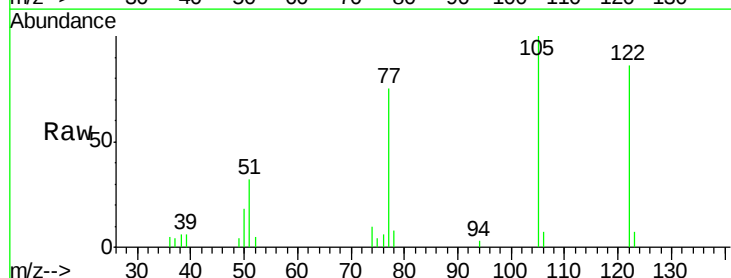
Tgt Ion:122 Resp: 12865

Ion Ratio Lower Upper

122 100

105 116.0 99.9 139.9

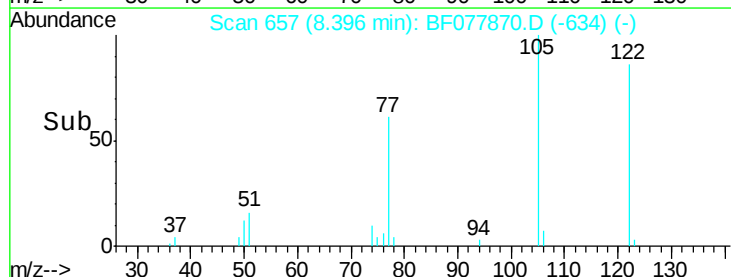
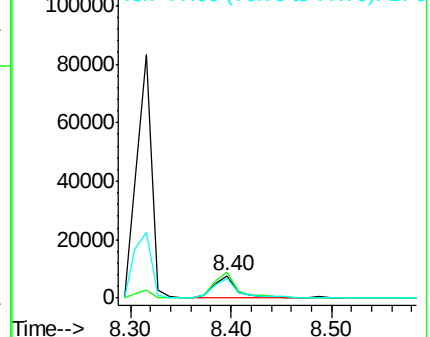
77 87.3 73.7 113.7

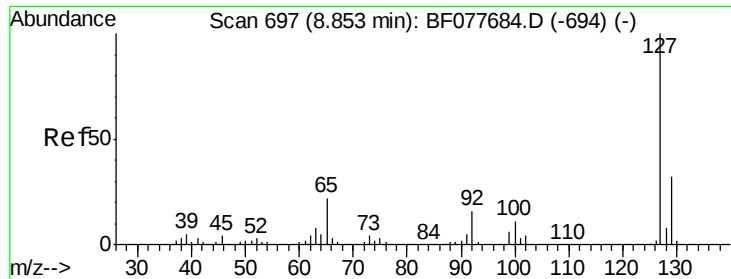


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

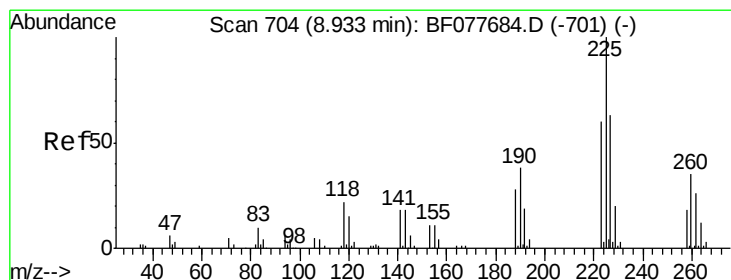
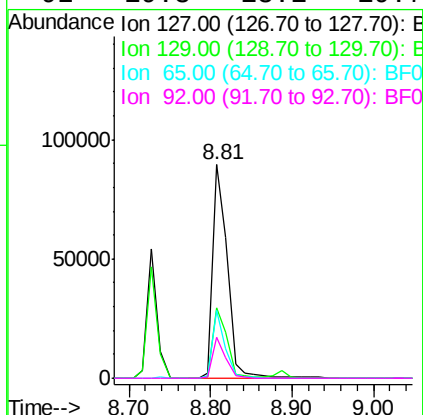
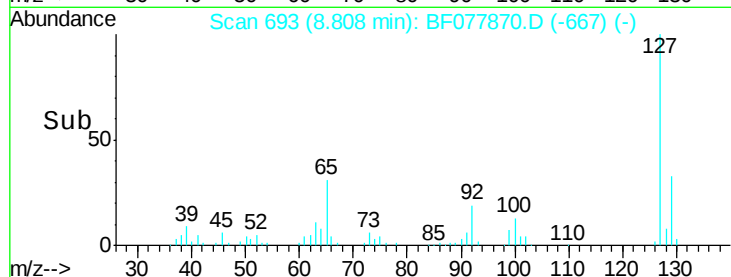
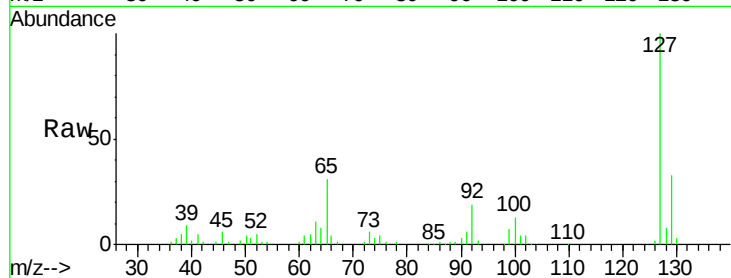




#33
4-Chloroaniline
Concen: 29.87 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

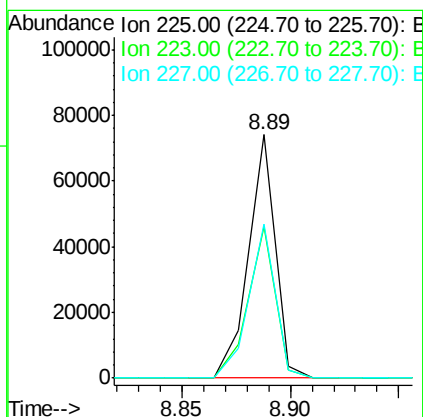
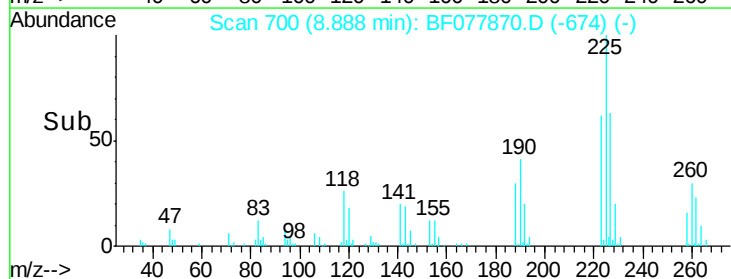
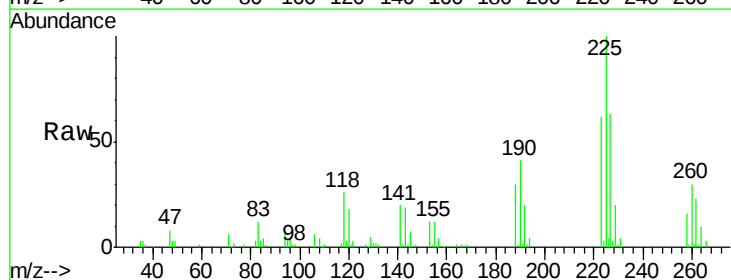
Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

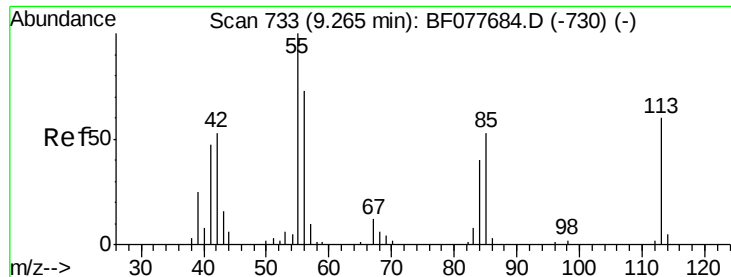
Tot Ion:	127	Resp:	112661
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.3	37.9
65	31.5	17.6	26.4
92	19.3	13.1	19.7



#34
Hexachlorobutadiene
Concen: 39.60 ng
RT: 8.89 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:	225	Resp:	63504
Ion	Ratio	Lower	Upper
225	100		
223	62.2	47.9	71.9
227	63.4	50.1	75.1

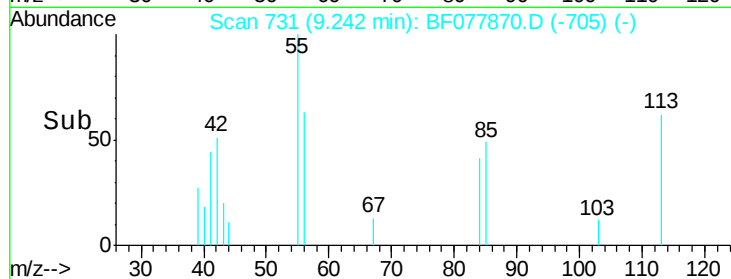
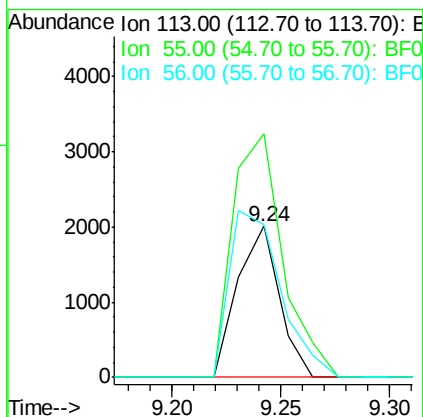
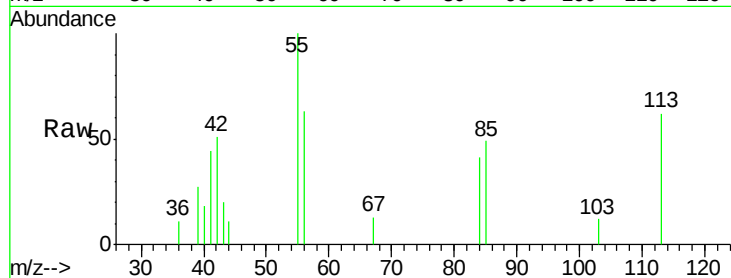




#35
Caprolactam
Concen: 3.63 ng
RT: 9.24 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

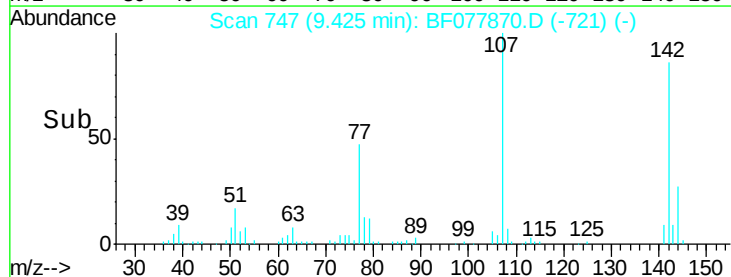
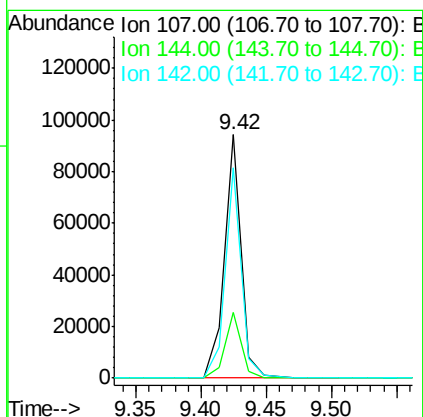
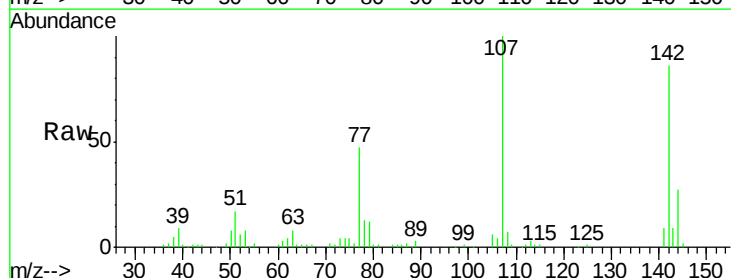
Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

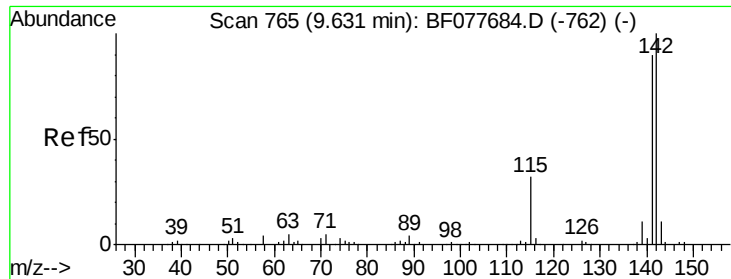
Tot Ion:113 Resp: 2680
Ion Ratio Lower Upper
113 100
55 160.8 145.9 185.9
56 100.6 101.0 141.0#



#36
4-Chloro-3-methylphenol
Concen: 33.57 ng
RT: 9.42 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:107 Resp: 85410
Ion Ratio Lower Upper
107 100
144 27.1 23.3 34.9
142 86.3 72.6 109.0

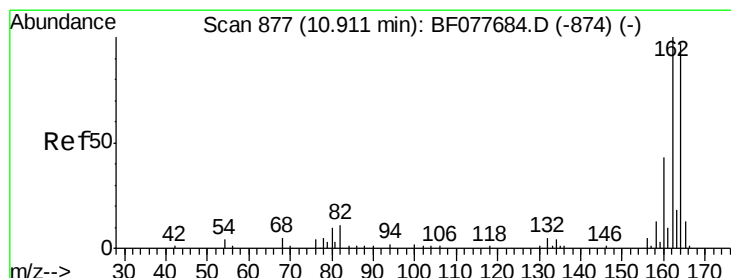
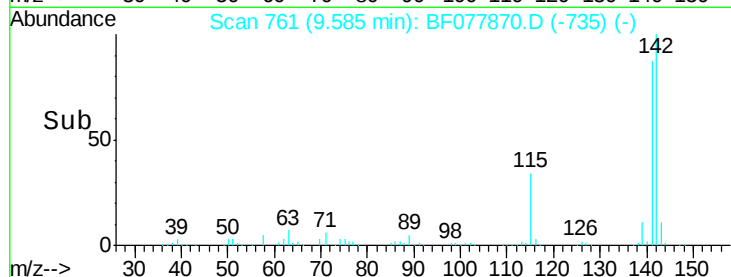
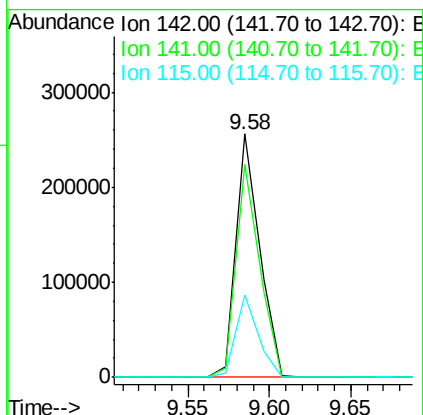
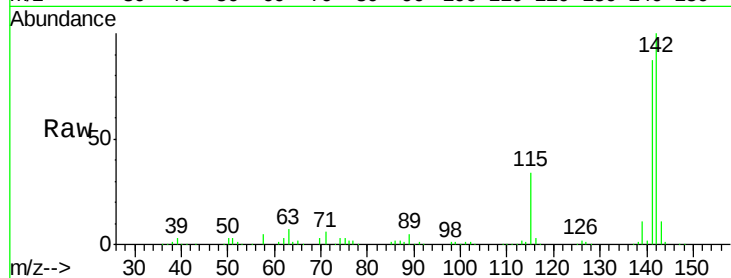




#37
 2-Methylnaphthalene
 Concen: 40.79 ng
 RT: 9.58 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

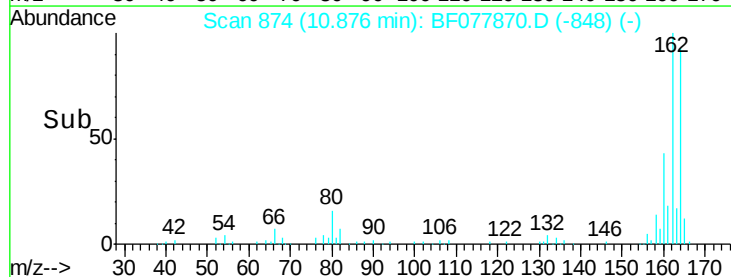
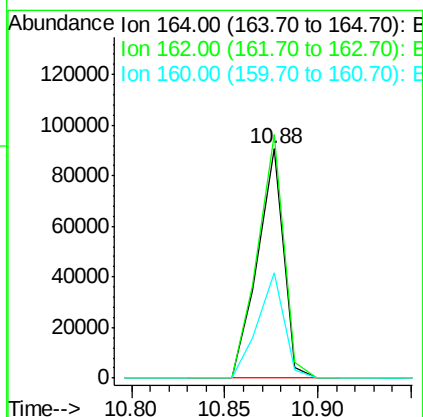
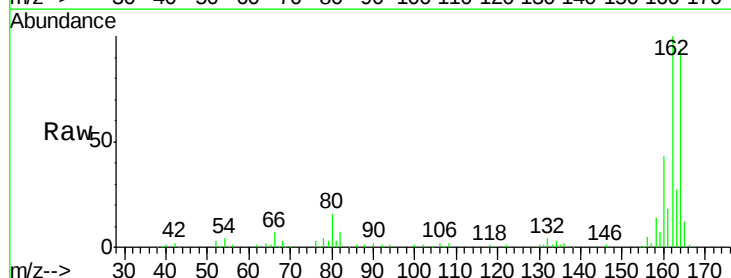
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MS

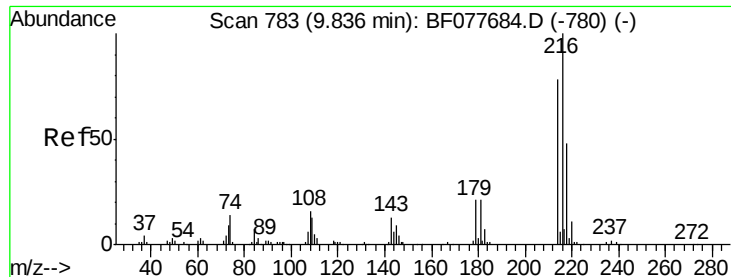
Tot Ion:142 Resp: 254700
 Ion Ratio Lower Upper
 142 100
 141 87.2 71.9 107.9
 115 33.6 25.4 38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Tgt Ion:164 Resp: 89043
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.4 123.6
 160 45.8 35.8 53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.71 ng

RT: 9.79 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

Tot Ion:216 Resp: 108129

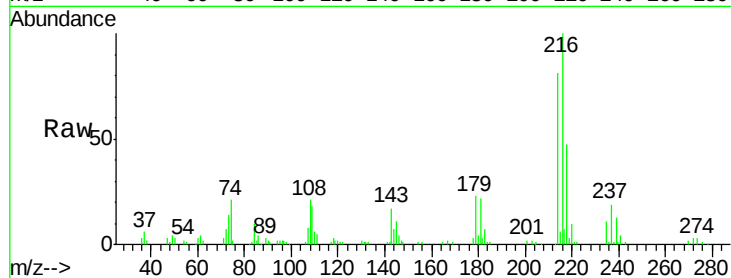
Ion Ratio Lower Upper

216 100

214 78.7 0.0 0.0#

179 21.4 0.0 0.0#

108 20.6 0.0 0.0#

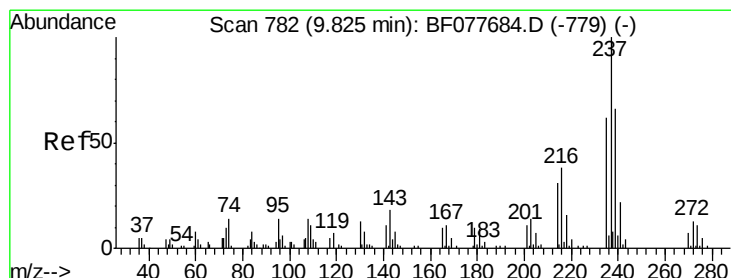
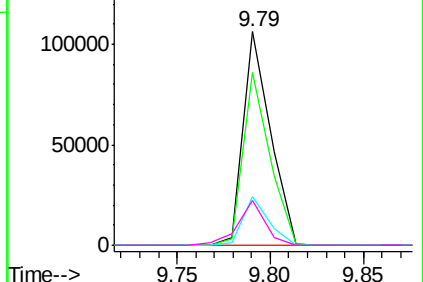
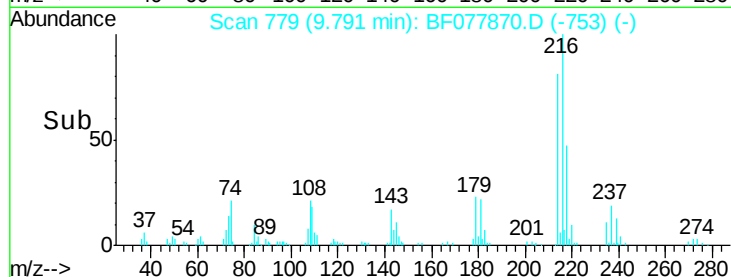


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.14 ng

RT: 9.78 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

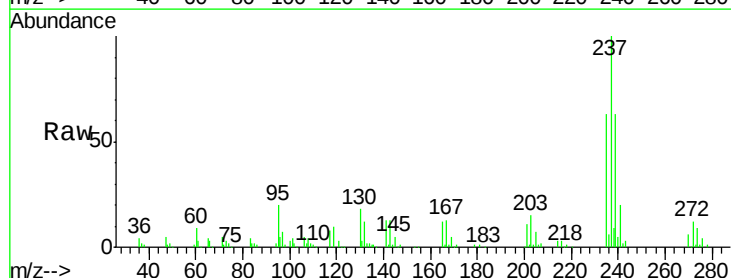
Tgt Ion:237 Resp: 107940

Ion Ratio Lower Upper

237 100

235 63.5 42.0 82.0

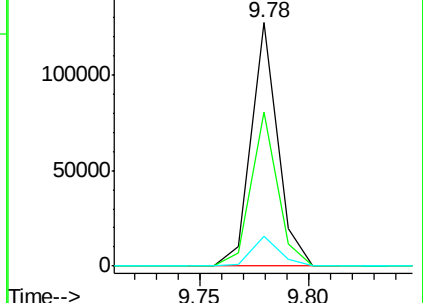
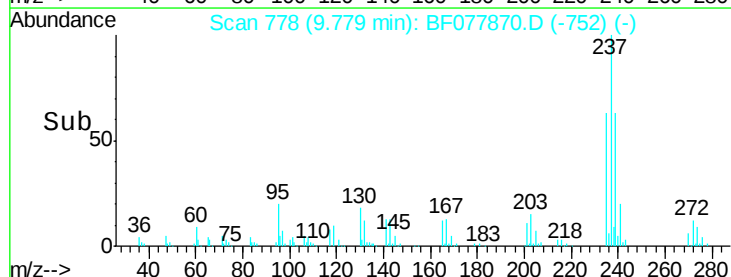
272 12.2 0.0 33.4



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

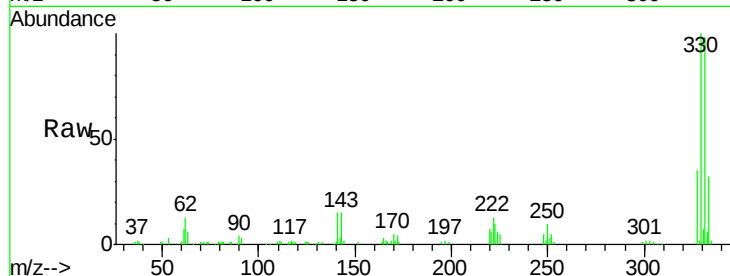




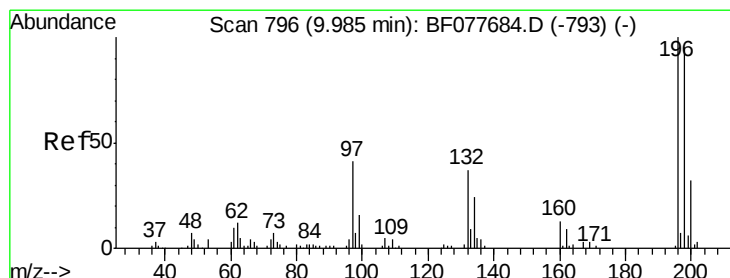
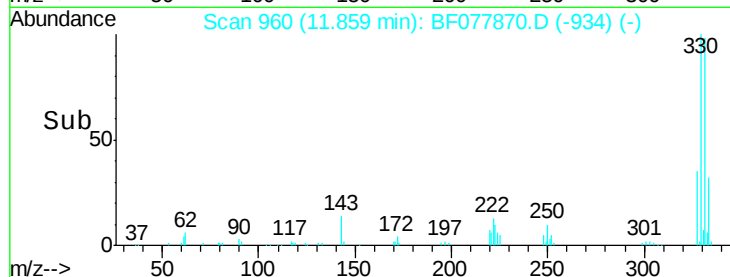
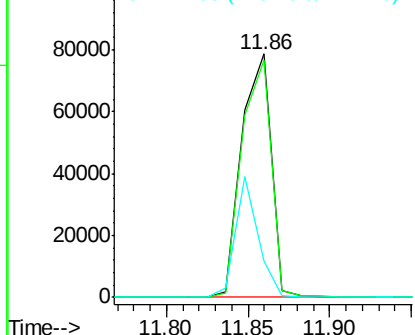
#41
 2,4,6-Tribromophenol
 Concen: 115.85 ng
 RT: 11.86 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Instrument :
 BNA_F
 ClientSampled :
 Z2-0119MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	37.5	0.0	0.0#

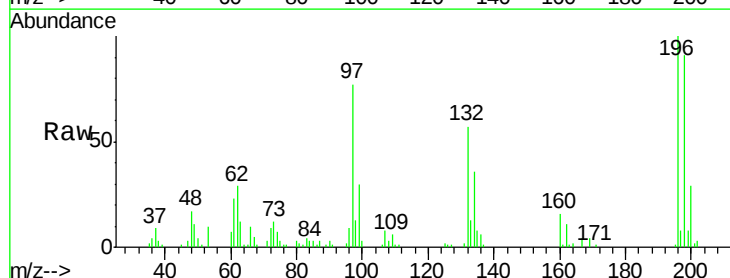


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

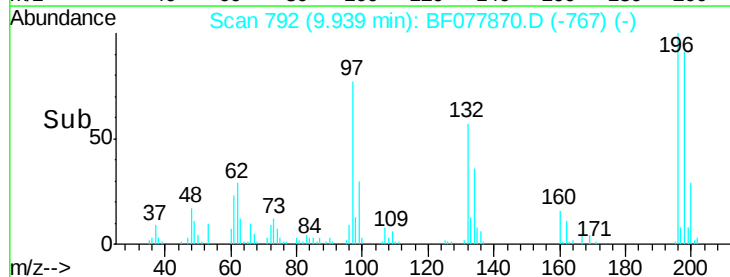
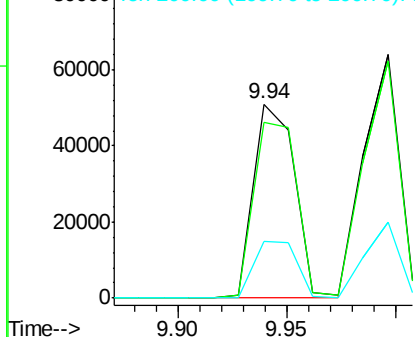


#42
 2,4,6-Trichlorophenol
 Concen: 36.51 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.0	76.3	114.5
200	29.1	25.6	38.4



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

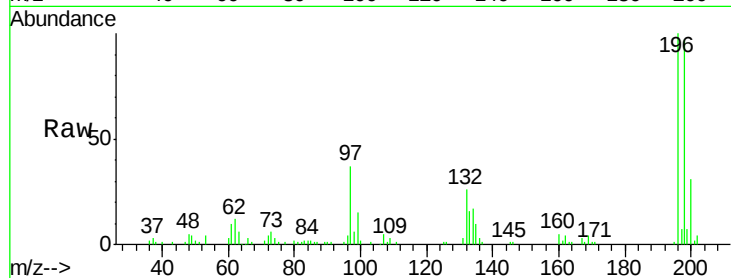




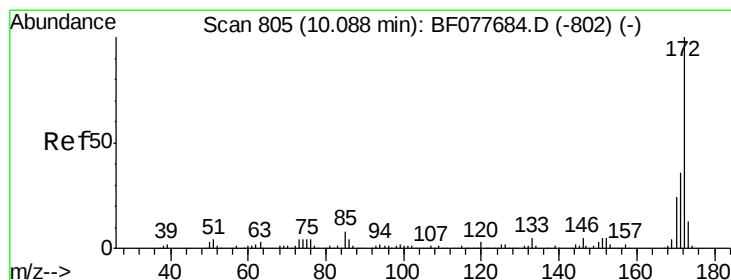
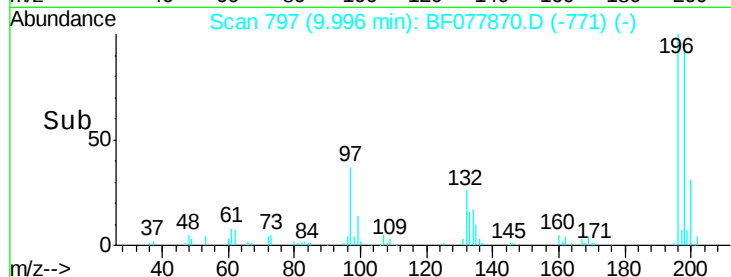
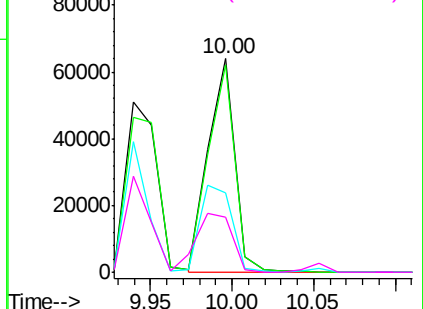
#43
 2,4,5-Trichlorophenol
 Concen: 37.04 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MS

Tot Ion:196 Resp: 73613
 Ion Ratio Lower Upper
 196 100
 198 97.3 79.4 119.0
 97 37.3 26.8 40.2
 132 25.8 18.6 28.0

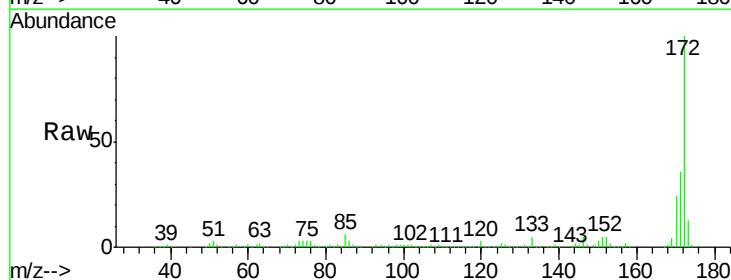


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

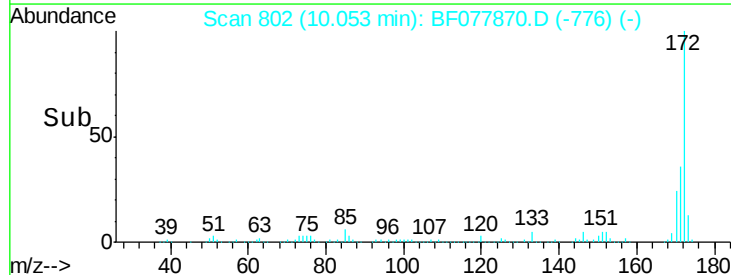
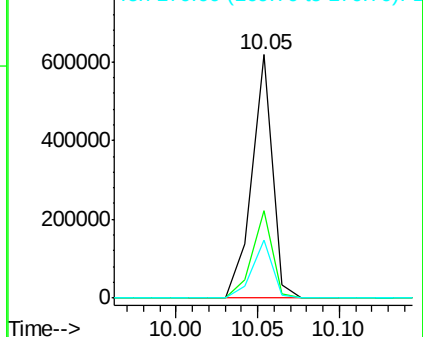


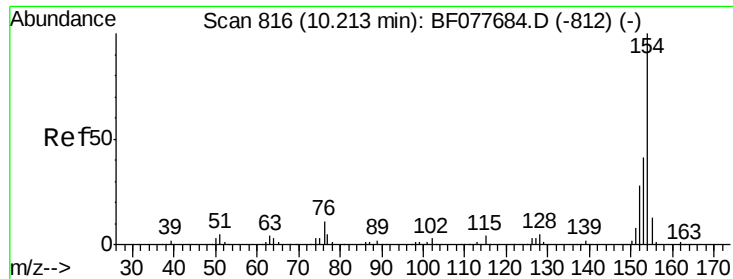
#44
 2-Fluorobiphenyl
 Concen: 89.54 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Tgt Ion:172 Resp: 542539
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 23.9 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

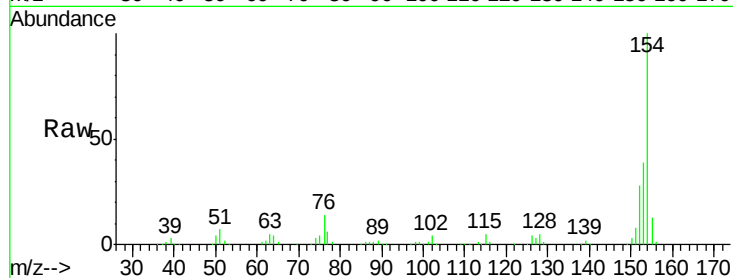




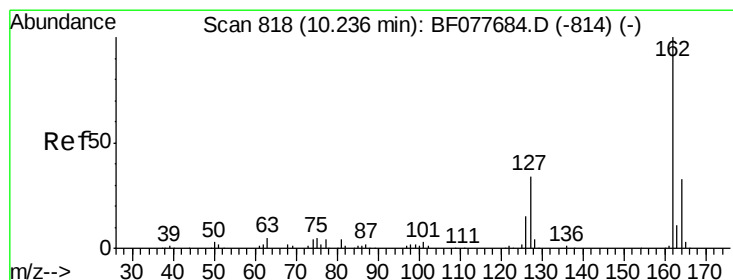
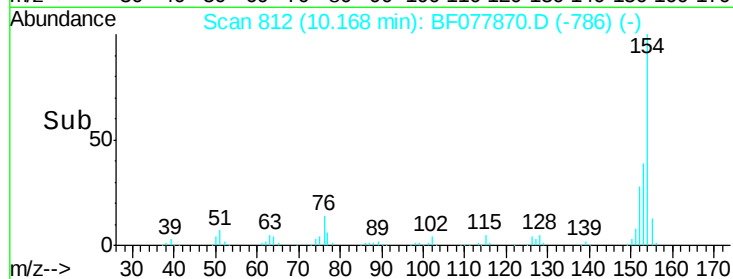
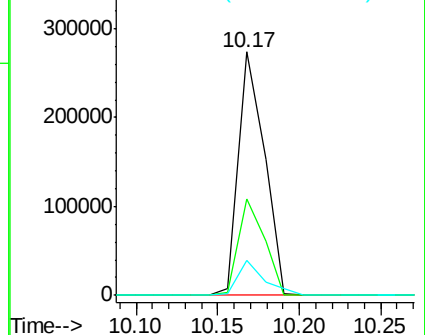
#45
1,1'-Biphenyl
Concen: 42.04 ng
RT: 10.17 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

Tot Ion:154 Resp: 299253
Ion Ratio Lower Upper
154 100
153 39.4 20.7 60.7
76 14.5 0.0 30.9

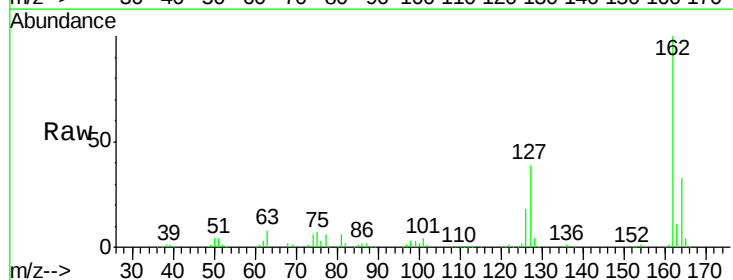


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

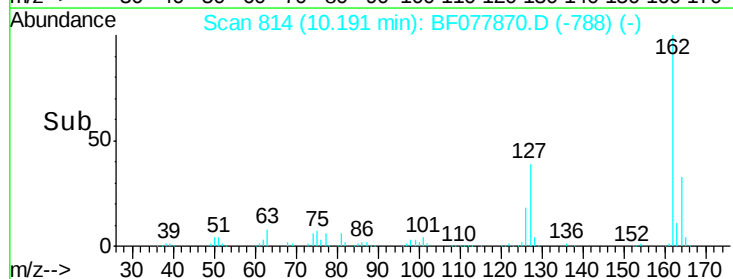
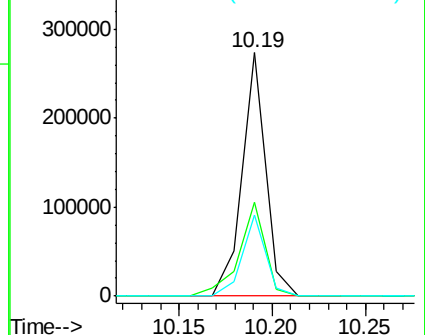


#46
2-Chloronaphthalene
Concen: 41.82 ng
RT: 10.19 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:162 Resp: 241941
Ion Ratio Lower Upper
162 100
127 38.5 26.9 40.3
164 33.1 26.8 40.2



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

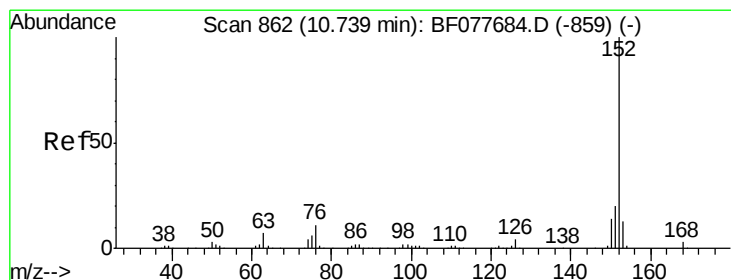
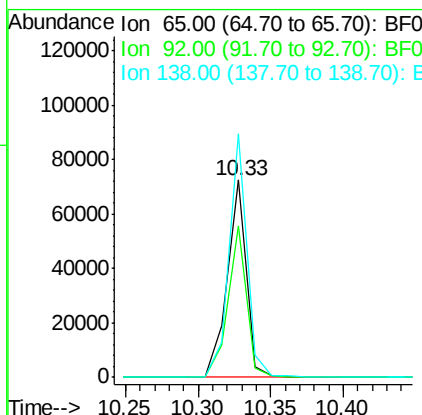
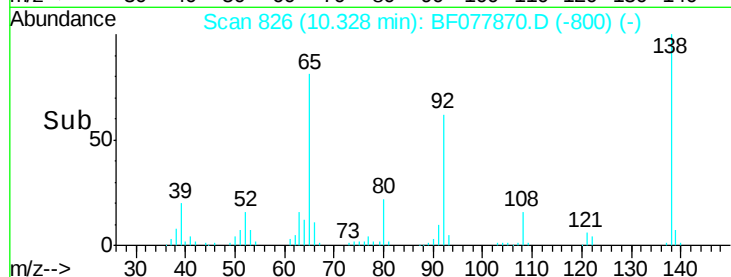
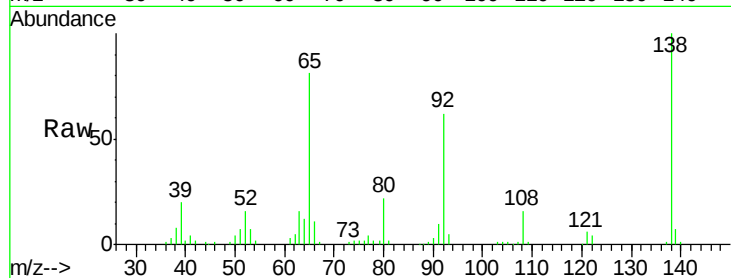




#47
 2-Nitroaniline
 Concen: 45.99 ng
 RT: 10.33 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

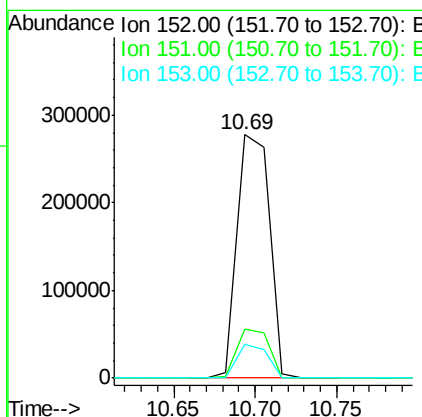
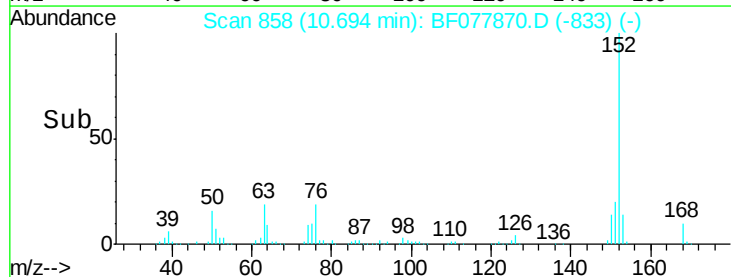
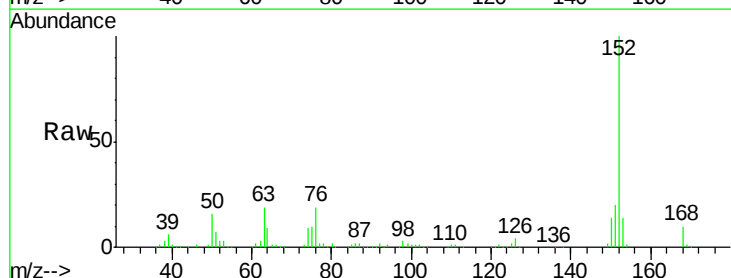
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MS

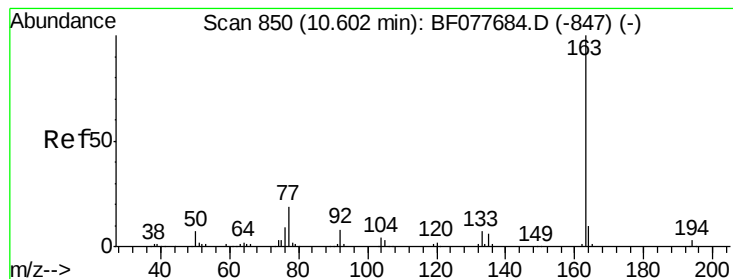
Tot Ion: 65 Resp: 66077
 Ion Ratio Lower Upper
 65 100
 92 76.6 59.1 88.7
 138 123.6 93.9 140.9



#48
 Acenaphthylene
 Concen: 39.43 ng
 RT: 10.69 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Tgt Ion: 152 Resp: 379272
 Ion Ratio Lower Upper
 152 100
 151 20.2 15.9 23.9
 153 13.7 10.6 16.0





#49

Dimethylphthalate

Concen: 44.79 ng

RT: 10.57 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

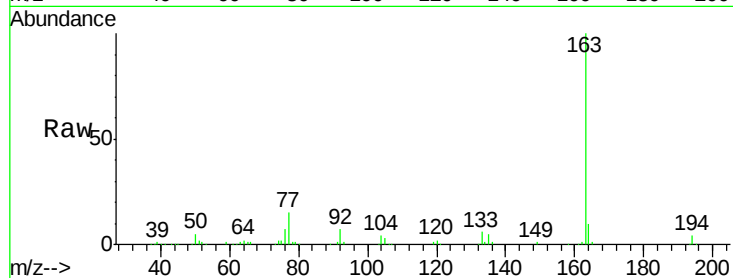
Tot Ion:163 Resp: 295801

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

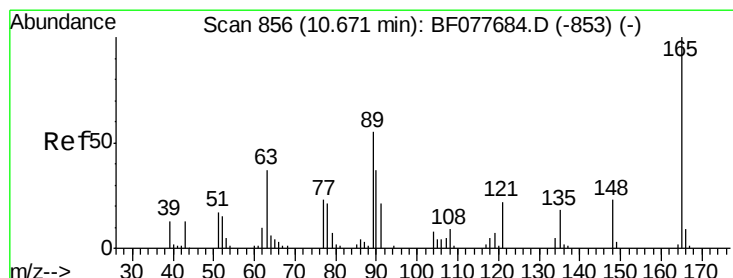
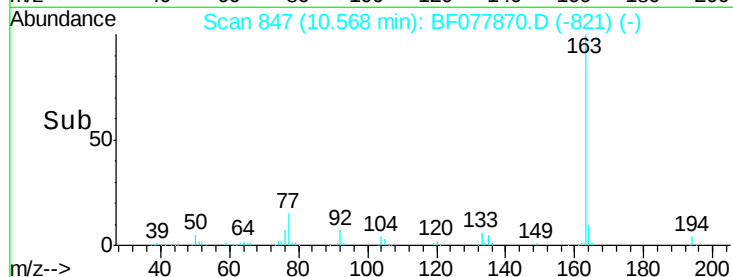
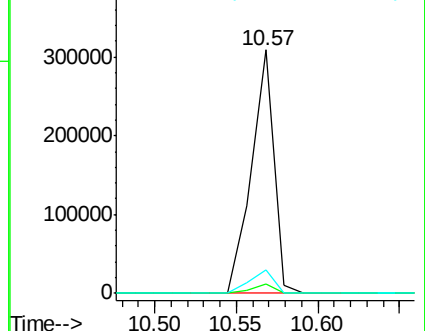
164 9.5 8.2 12.2



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: 45.90 ng

RT: 10.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

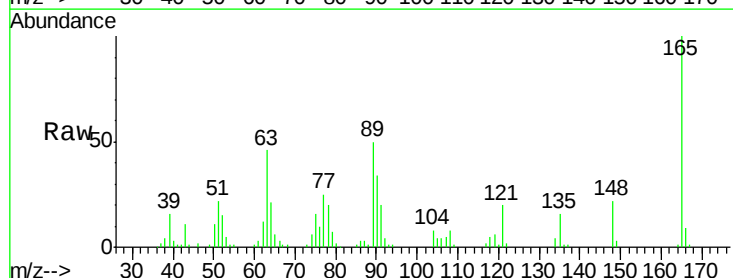
Tgt Ion:165 Resp: 62830

Ion Ratio Lower Upper

165 100

63 45.7 44.1 66.1

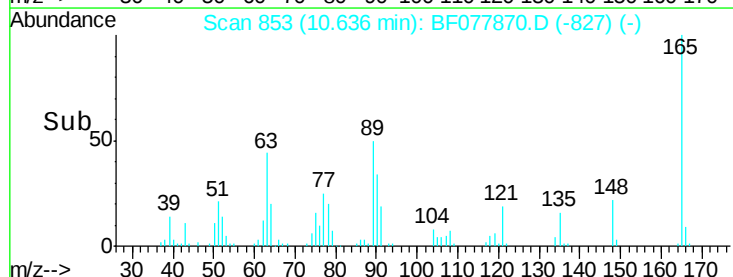
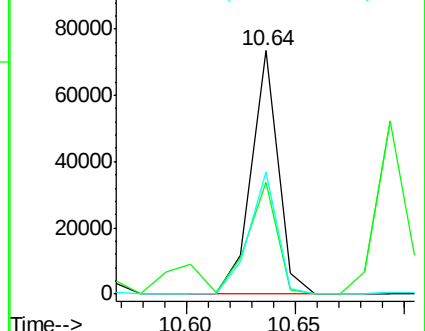
89 50.3 44.3 66.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.15 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

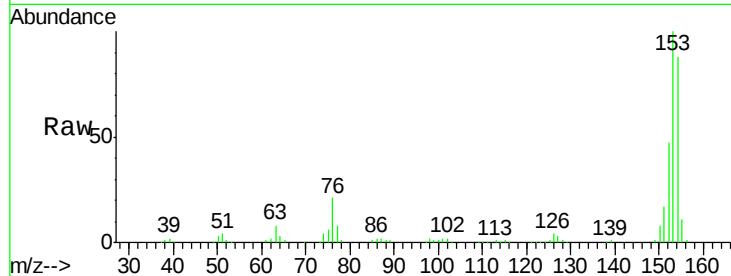
Tot Ion:154 Resp: 215904

Ion Ratio Lower Upper

154 100

153 113.3 90.0 135.0

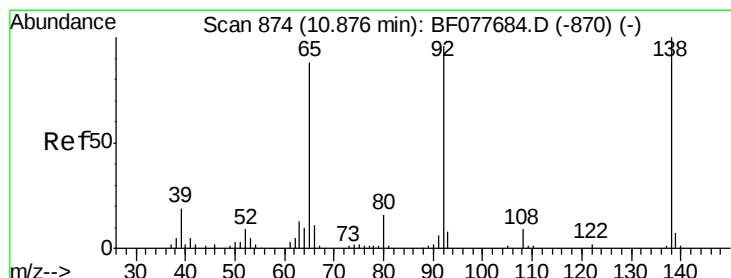
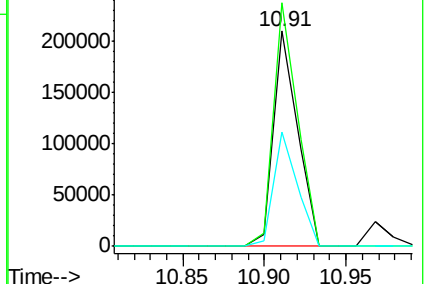
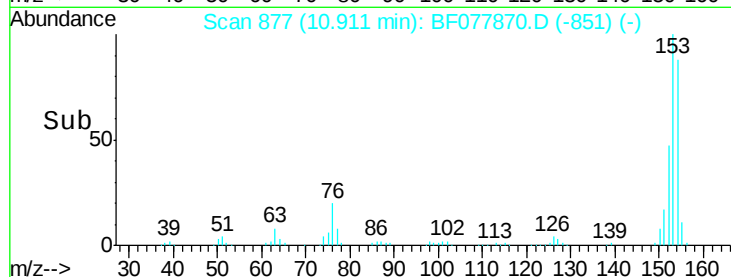
152 53.2 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.53 ng

RT: 10.84 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

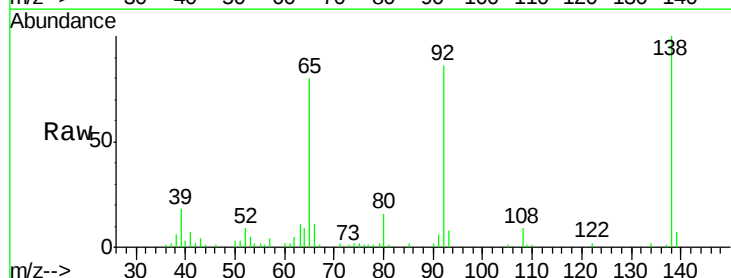
Tgt Ion:138 Resp: 56496

Ion Ratio Lower Upper

138 100

108 8.8 7.3 10.9

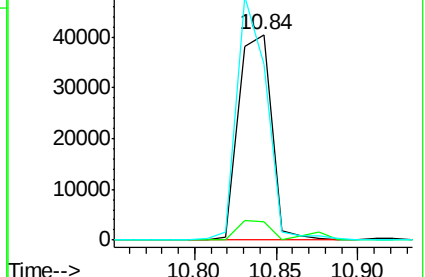
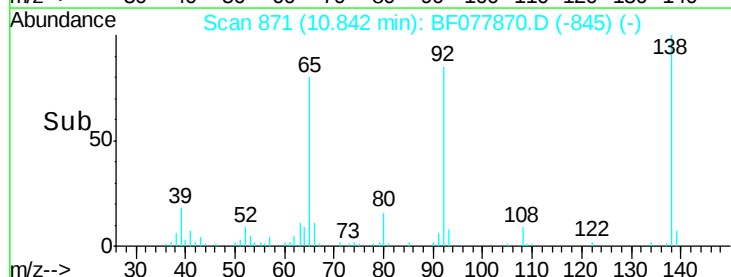
92 85.6 76.6 114.8

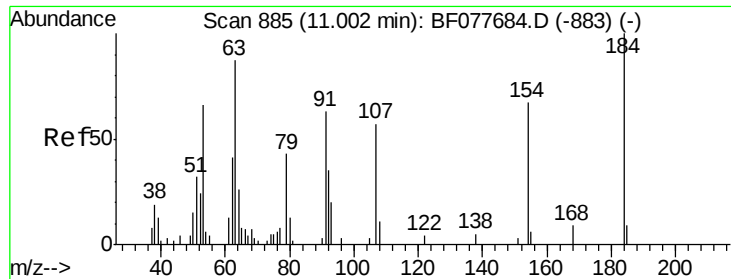


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

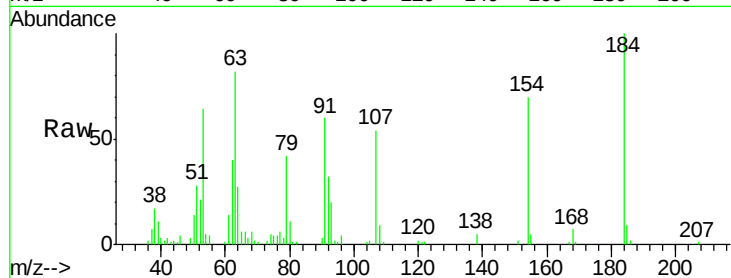




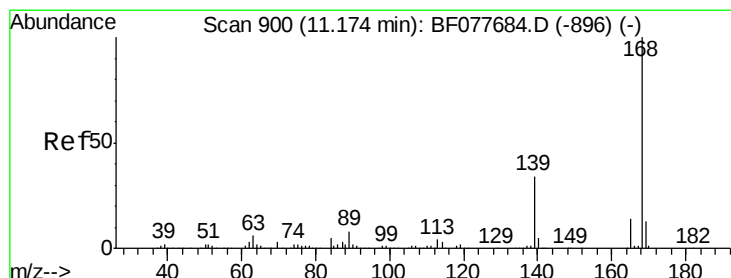
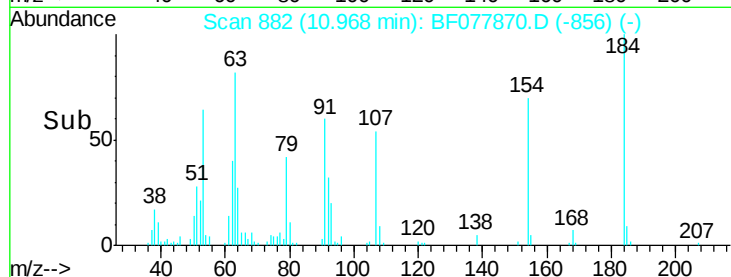
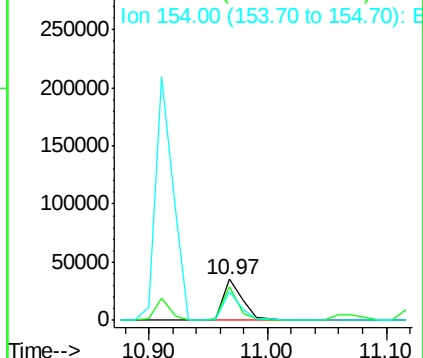
#53
2,4-Dinitrophenol
Concen: 77.56 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

Tot Ion:184 Resp: 38868
Ion Ratio Lower Upper
184 100
63 82.2 69.2 103.8
154 70.1 53.3 79.9

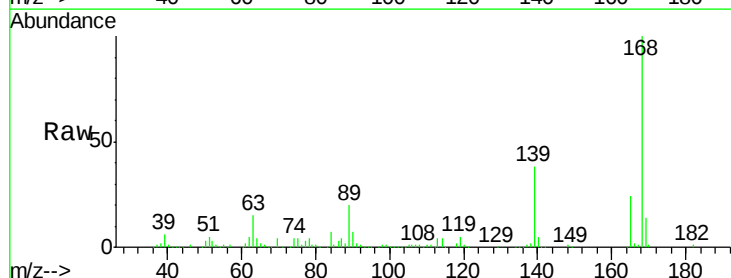


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

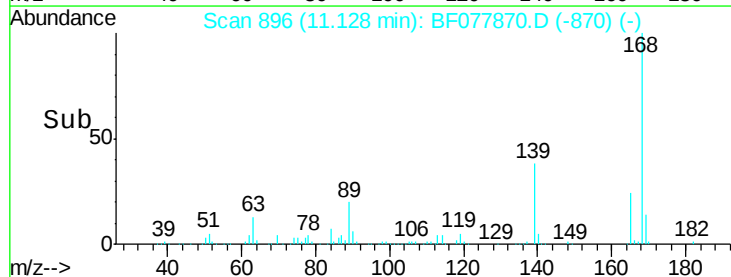
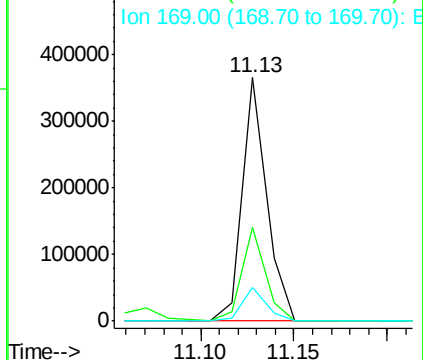


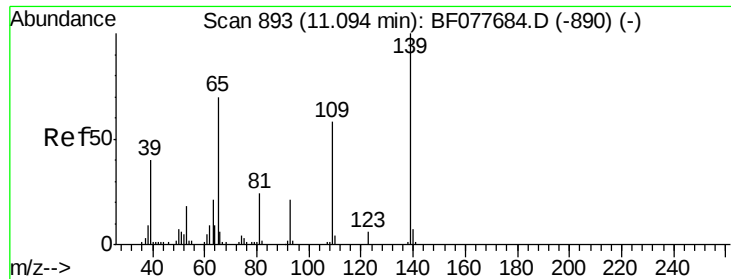
#54
Dibenzofuran
Concen: 40.93 ng
RT: 11.13 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:168 Resp: 334853
Ion Ratio Lower Upper
168 100
139 38.5 27.3 40.9
169 13.7 10.6 16.0



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

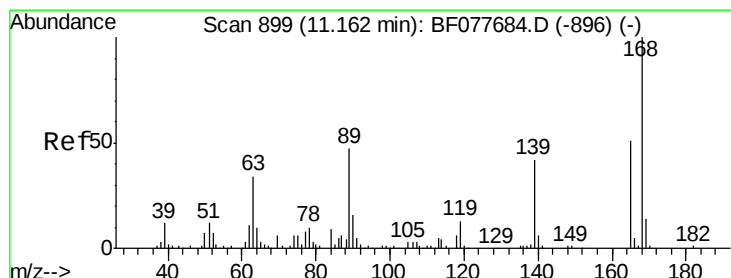
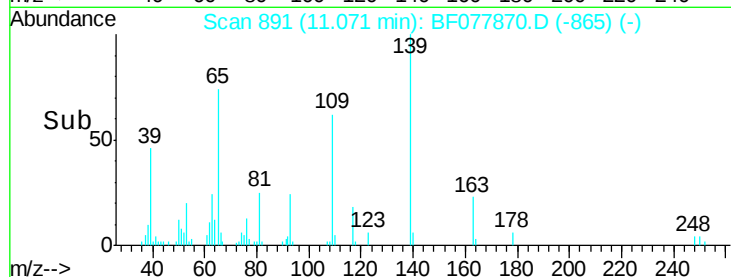
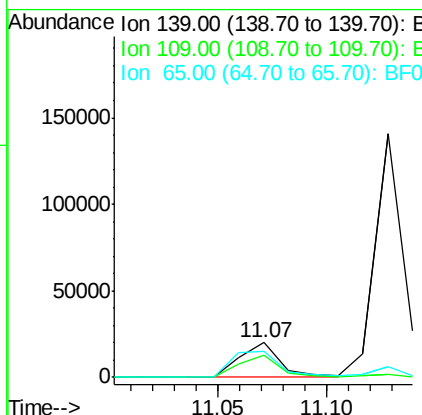
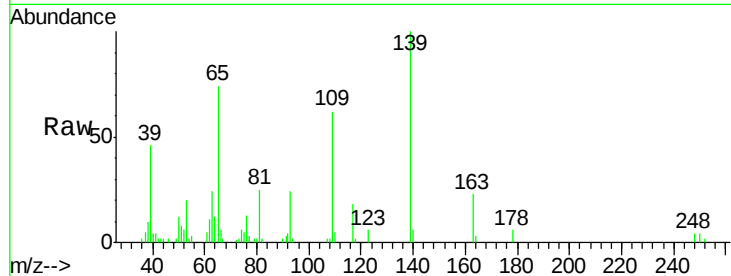




#55
4-Nitrophenol
Concen: 22.32 ng
RT: 11.07 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

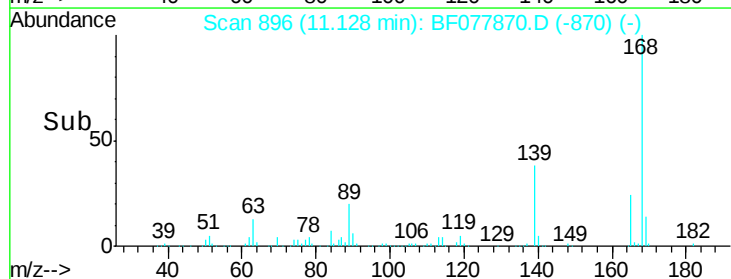
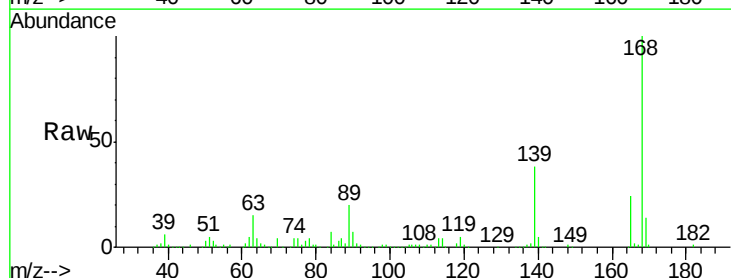
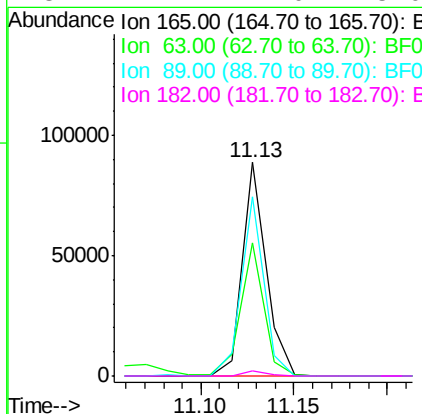
Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

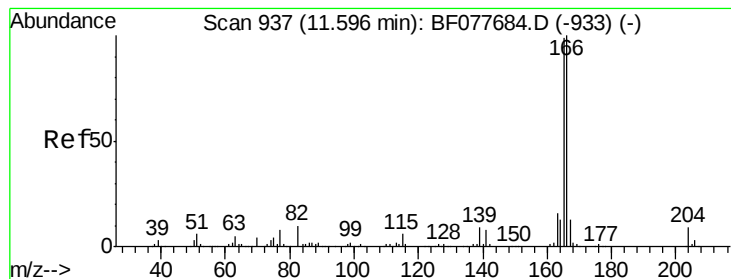
Tot Ion:139 Resp: 26291
Ion Ratio Lower Upper
139 100
109 62.0 37.7 77.7
65 74.2 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 44.34 ng
RT: 11.13 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:165 Resp: 79147
Ion Ratio Lower Upper
165 100
63 62.4 52.4 78.6
89 83.9 72.4 108.6
182 2.1 2.0 3.0





#57

Fluorene

Concen: 40.28 ng

RT: 11.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

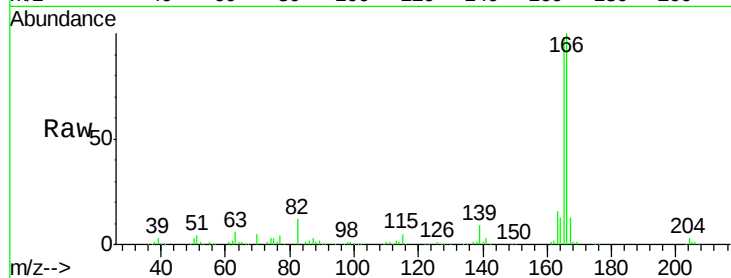
Tot Ion:166 Resp: 273573

Ion Ratio Lower Upper

166 100

165 97.9 79.0 118.4

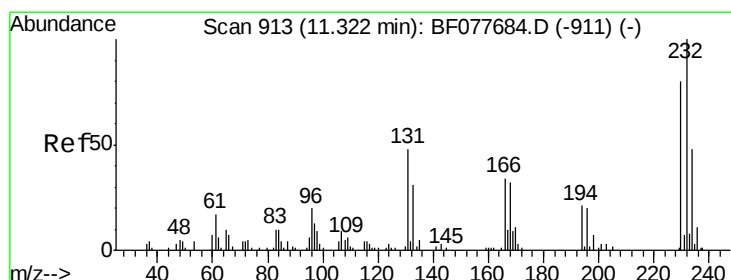
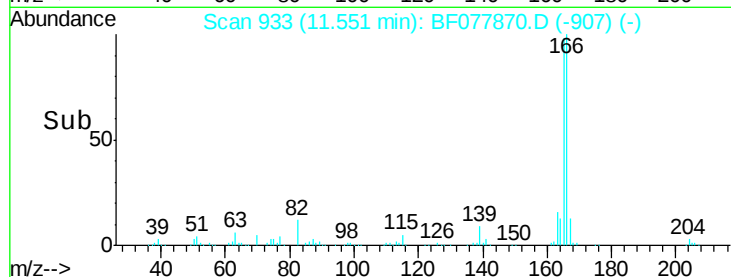
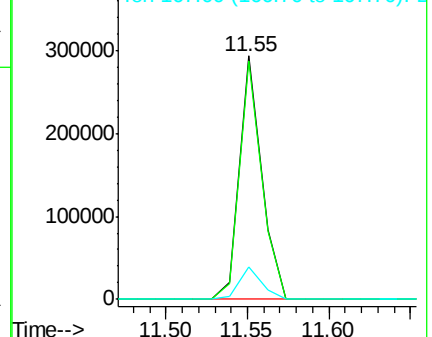
167 13.5 10.3 15.5



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: 40.04 ng

RT: 11.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Tgt Ion:232 Resp: 61282

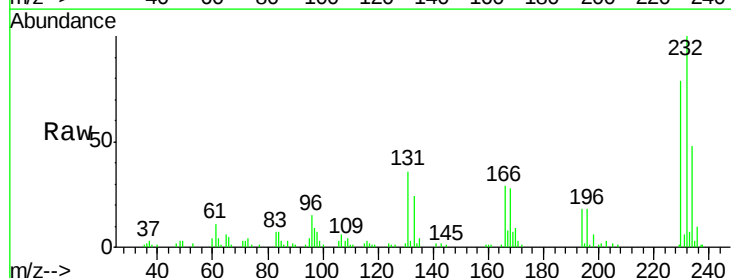
Ion Ratio Lower Upper

232 100

131 44.8 0.0 0.0#

130 2.3 0.0 0.0#

166 31.9 0.0 0.0#

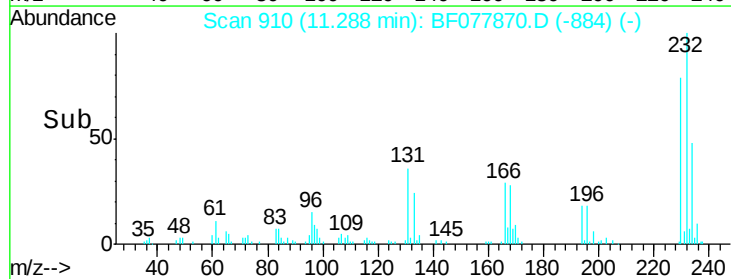
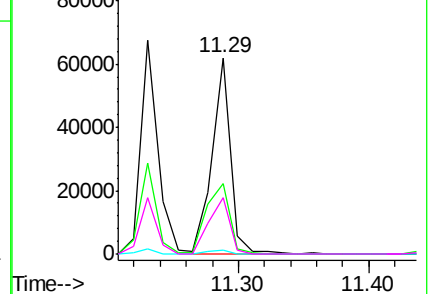


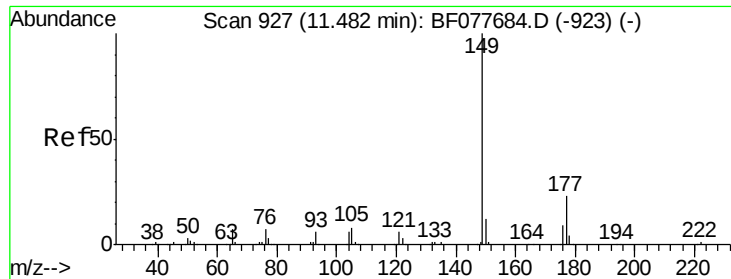
Abundance Ion 232.00 (231.70 to 232.70): E

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

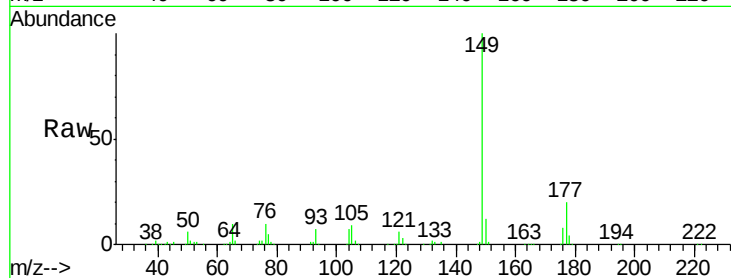




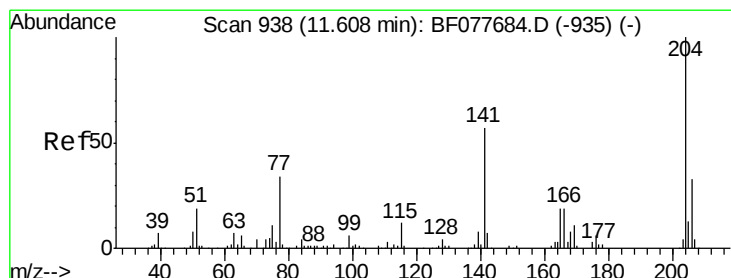
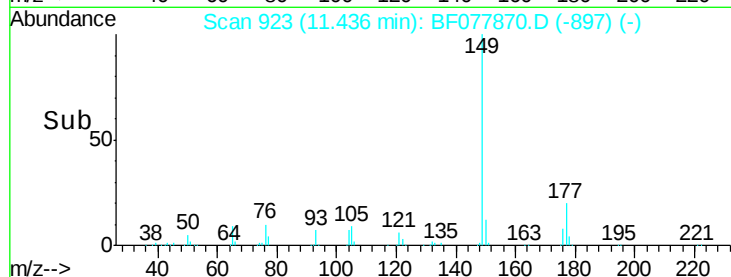
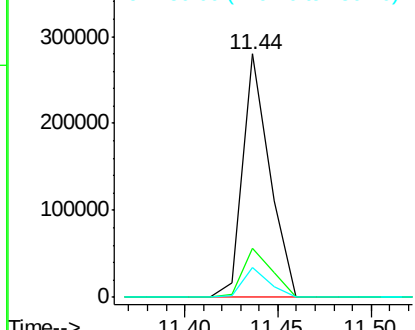
#59
Diethylphthalate
Concen: 43.43 ng
RT: 11.44 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

Tot Ion:149 Resp: 279455
Ion Ratio Lower Upper
149 100
177 20.1 18.3 27.5
150 12.2 9.8 14.8

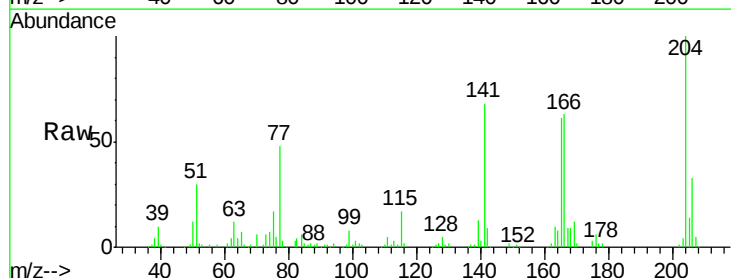


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

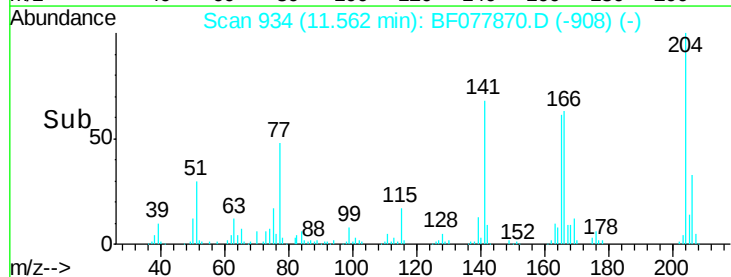
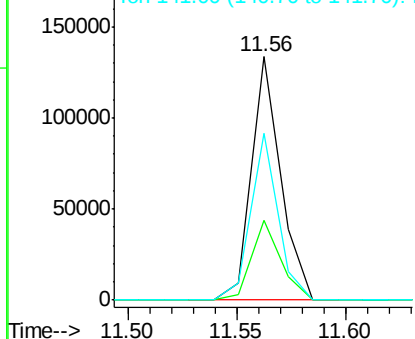


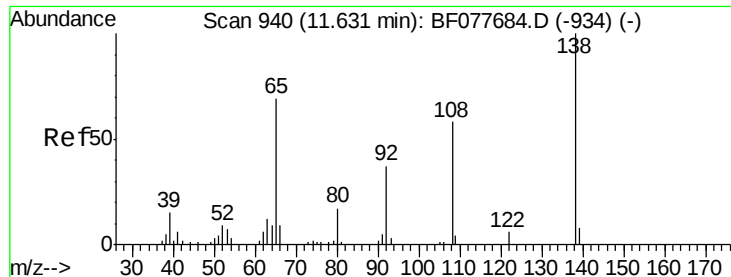
#60
4-Chlorophenyl-phenylether
Concen: 40.31 ng
RT: 11.56 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:204 Resp: 124961
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 68.4 45.2 67.8#



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

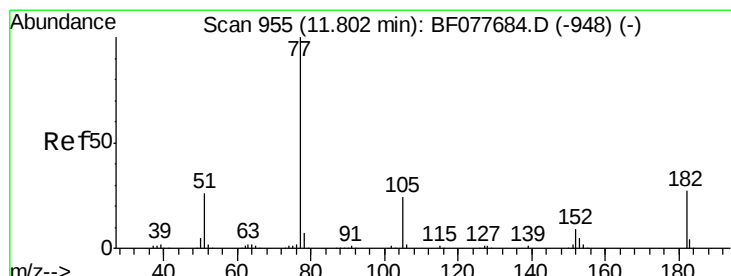
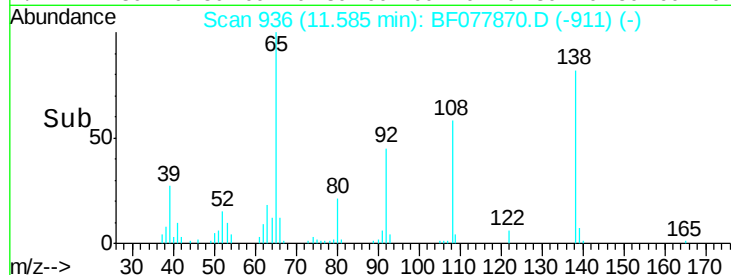
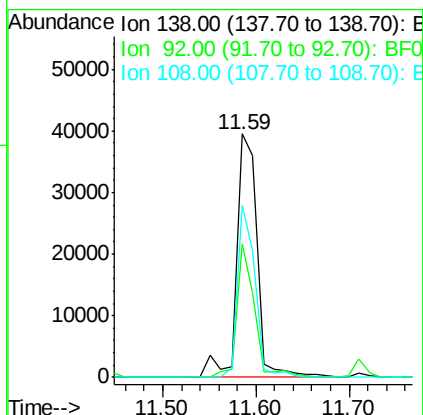
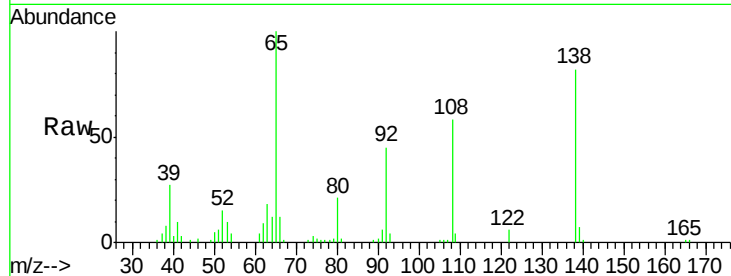




#61
4-Nitroaniline
Concen: 38.27 ng
RT: 11.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

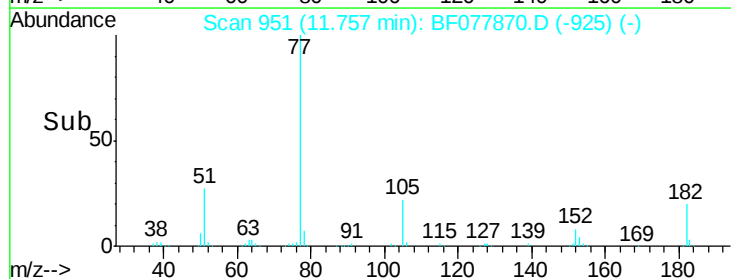
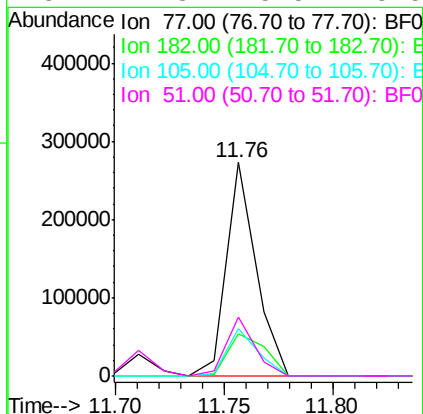
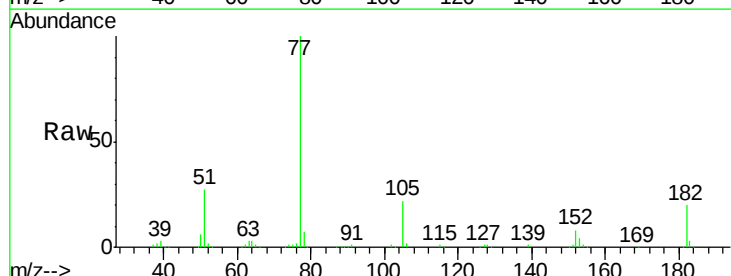
Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

Tot Ion:138 Resp: 60632
Ion Ratio Lower Upper
138 100
92 54.8 16.7 56.7
108 70.5 37.6 77.6



#62
Azobenzene
Concen: 41.96 ng
RT: 11.76 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion: 77 Resp: 258069
Ion Ratio Lower Upper
77 100
182 20.0 6.5 46.5
105 22.1 3.8 43.8
51 27.3 5.5 45.5

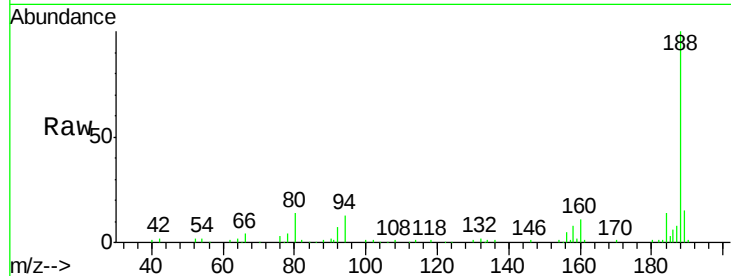




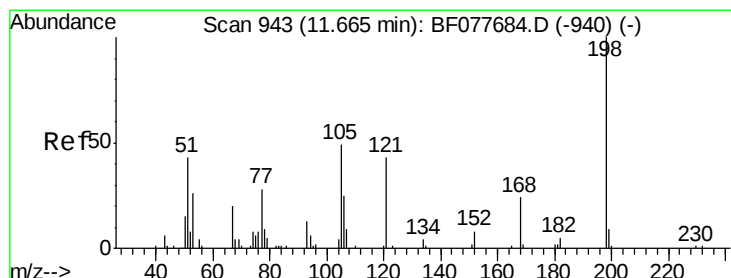
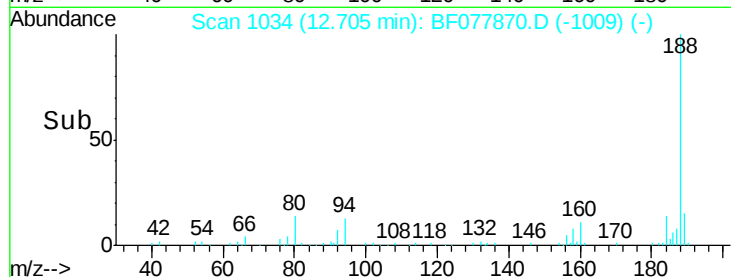
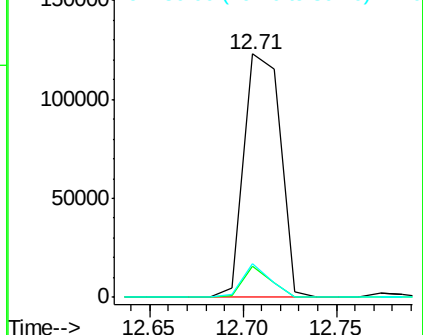
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

Tot Ion:188 Resp: 169116
Ion Ratio Lower Upper
188 100
94 12.7 8.7 13.1
80 14.0 9.3 13.9#

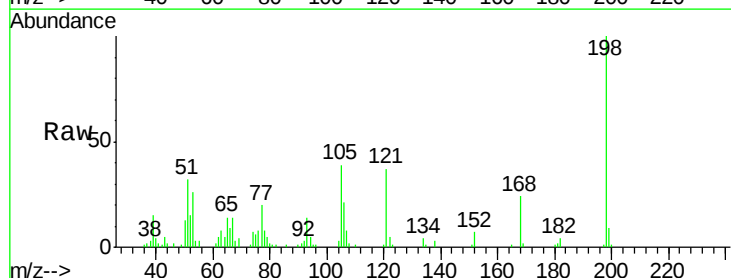


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

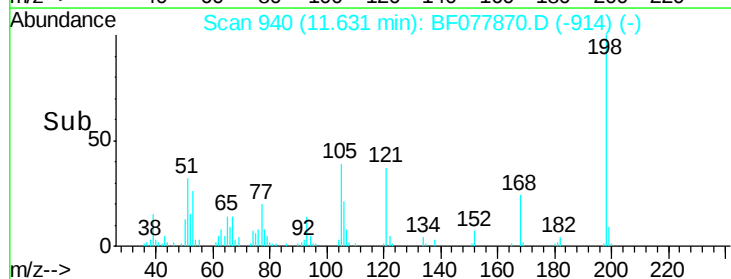
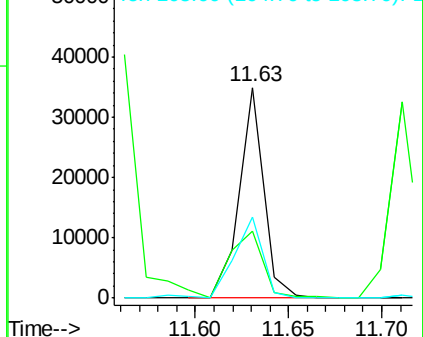


#64
4,6-Dinitro-2-methylphenol
Concen: 40.97 ng
RT: 11.63 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:198 Resp: 32159
Ion Ratio Lower Upper
198 100
51 32.0 28.8 68.8
105 38.5 30.5 70.5



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

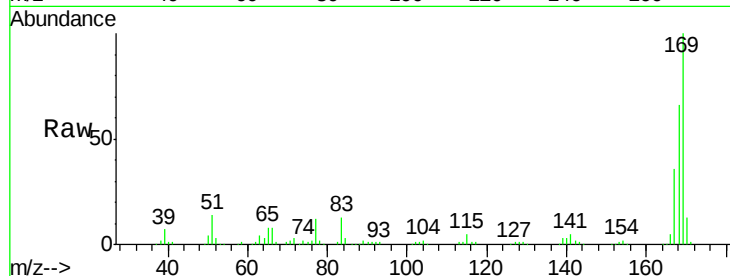




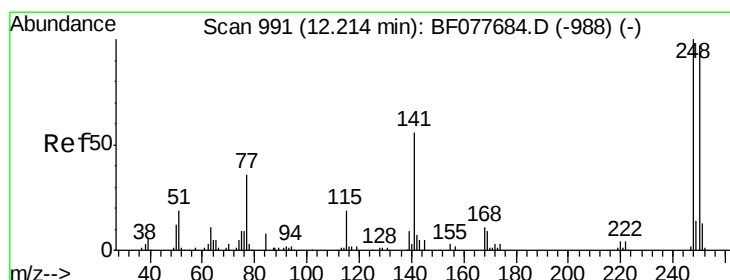
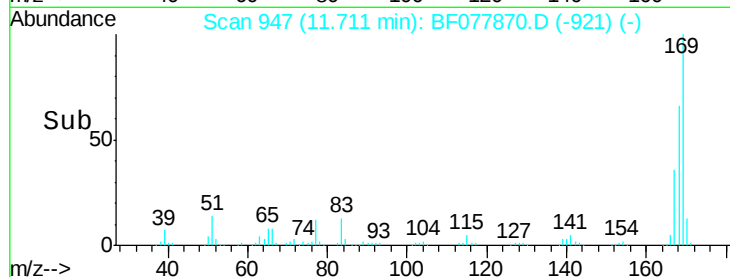
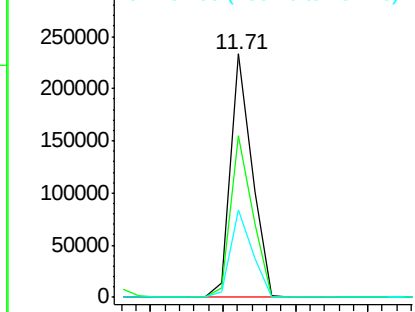
#65
 n-Nitrosodiphenylamine
 Concen: 42.59 ng
 RT: 11.71 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MS

Tot Ion:169 Resp: 239825
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.9 80.9
 167 36.1 28.9 43.3

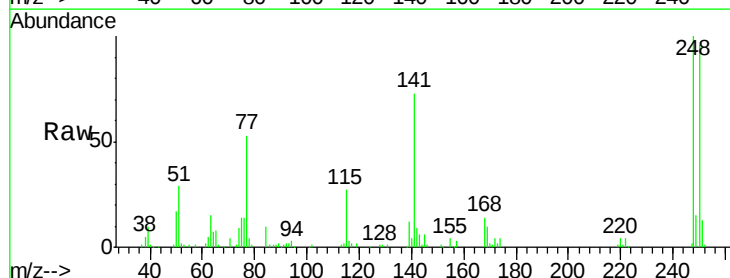


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

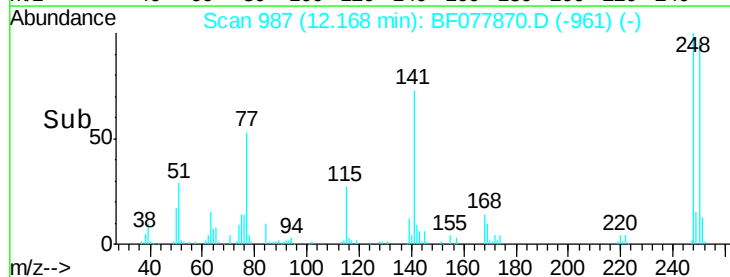
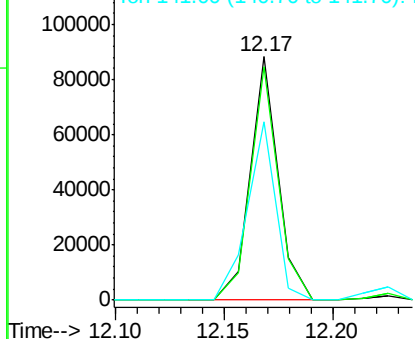


#66
 4-Bromophenyl-phenylether
 Concen: 43.35 ng
 RT: 12.17 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Tgt Ion:248 Resp: 78235
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.4 116.0
 141 73.2 45.2 67.8#



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

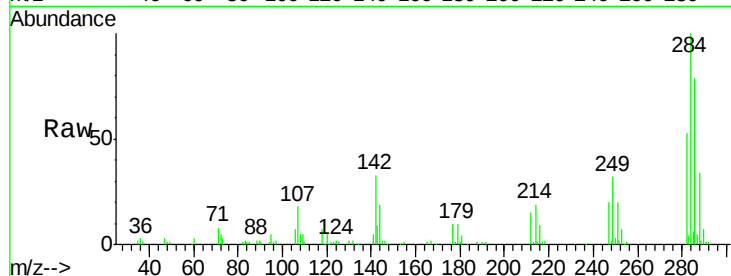




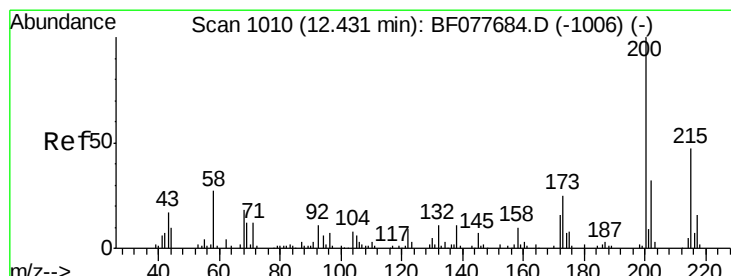
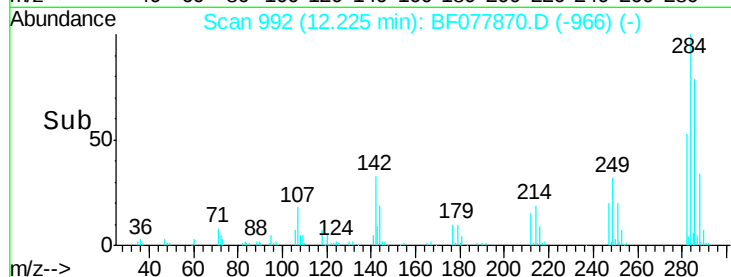
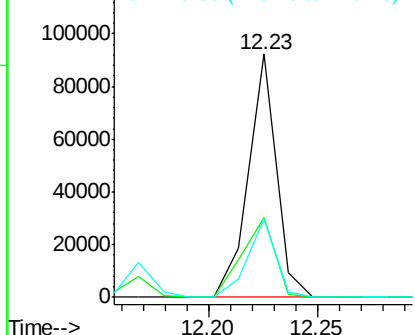
#67
Hexachlorobenzene
Concen: 41.63 ng
RT: 12.23 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

Tot Ion:284 Resp: 82561
Ion Ratio Lower Upper
284 100
142 32.5 20.4 30.6#
249 32.4 23.8 35.6

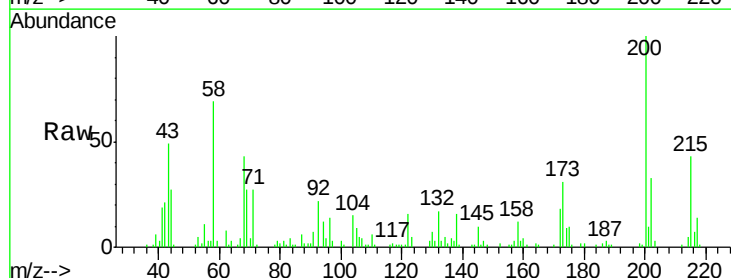


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

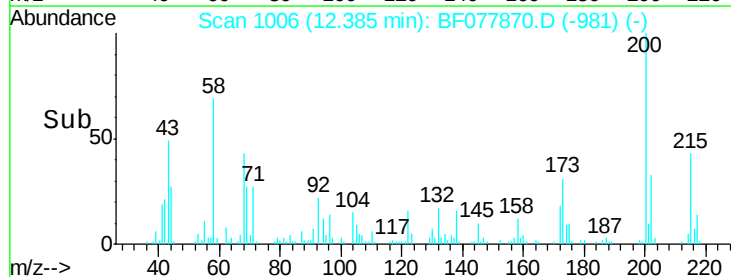
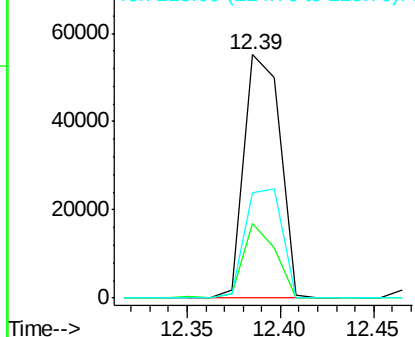


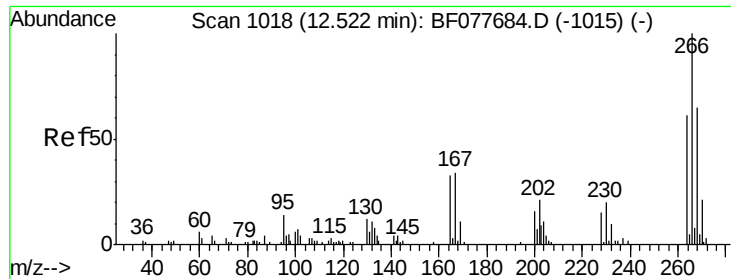
#68
Atrazine
Concen: 46.81 ng
RT: 12.39 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:200 Resp: 73870
Ion Ratio Lower Upper
200 100
173 30.7 4.8 44.8
215 43.3 26.9 66.9



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

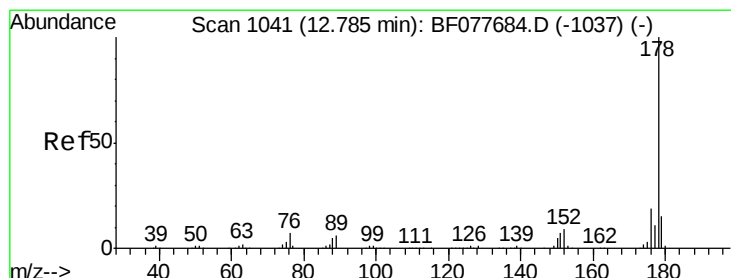
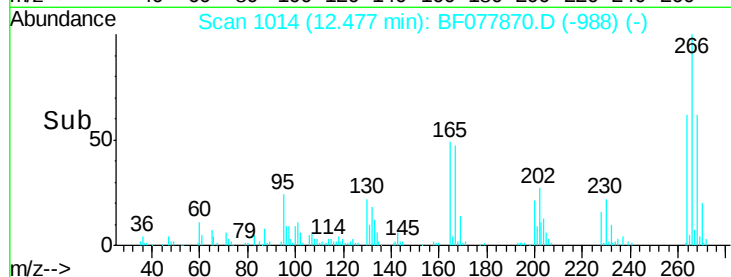
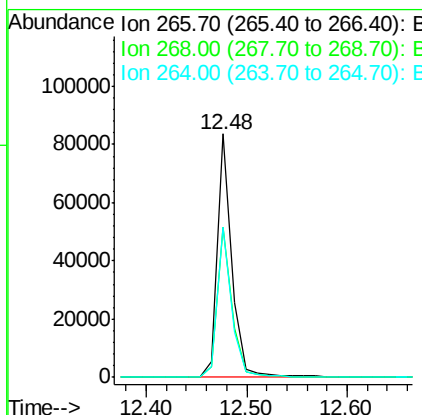
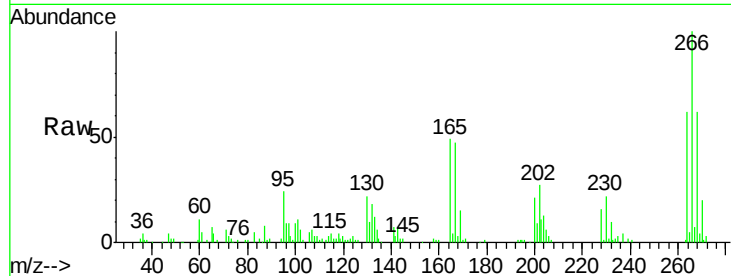




#69
 Pentachlorophenol
 Concen: 80.64 ng
 RT: 12.48 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

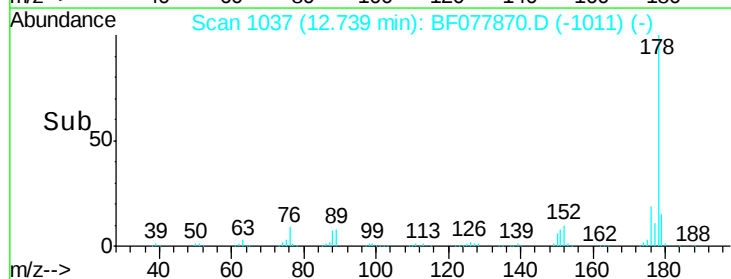
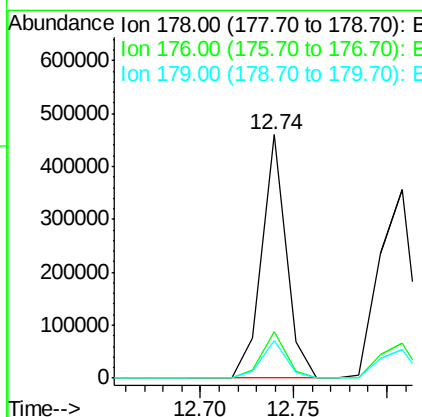
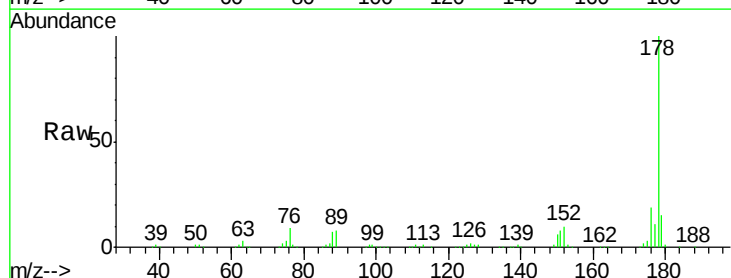
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MS

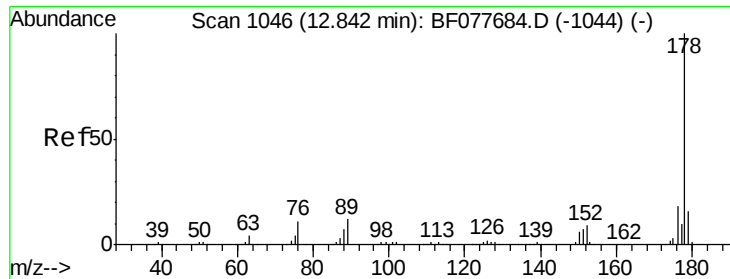
Tot Ion:266 Resp: 83784
 Ion Ratio Lower Upper
 266 100
 268 61.7 52.0 78.0
 264 61.6 49.0 73.4



#70
 Phenanthrene
 Concen: 42.86 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Tgt Ion:178 Resp: 416081
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.2 22.8
 179 15.4 12.1 18.1

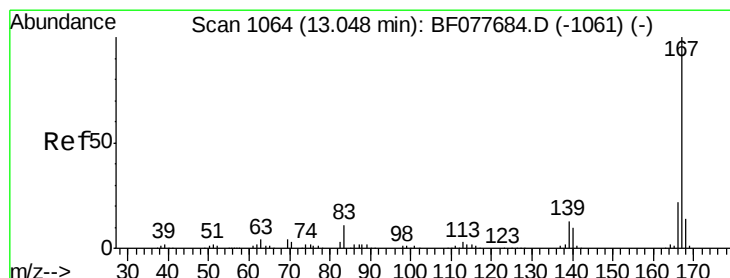
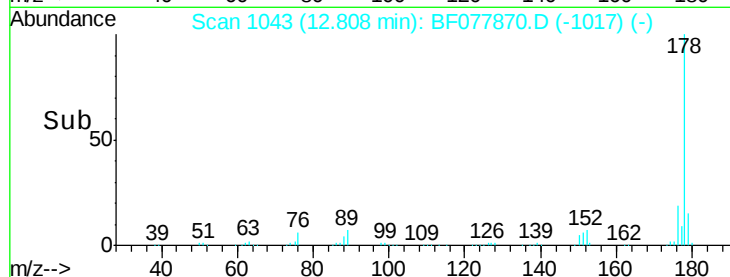
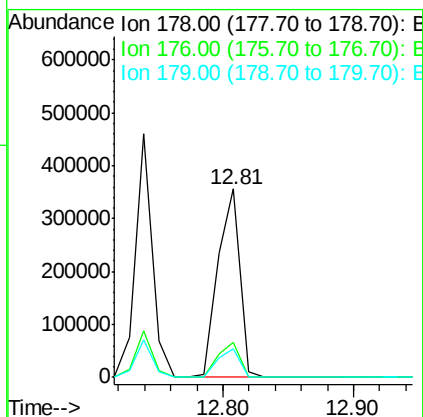
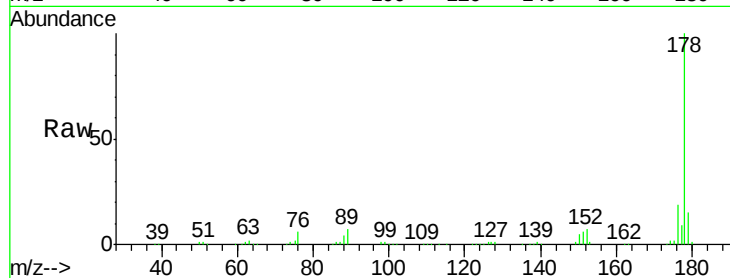




#71
 Anthracene
 Concen: 43.75 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

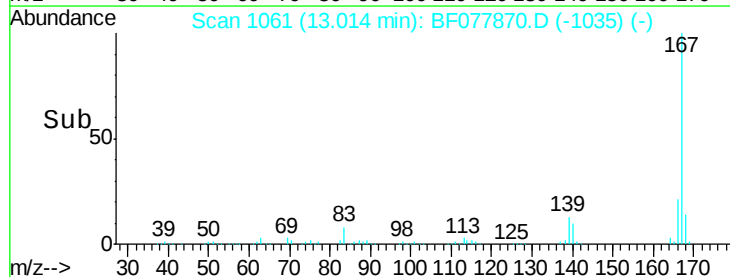
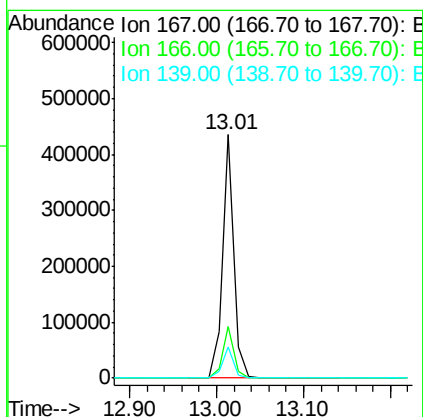
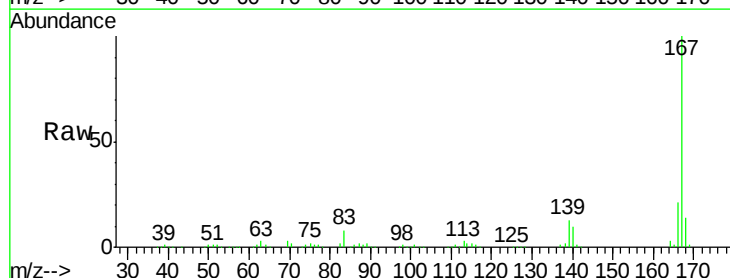
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MS

Tot Ion:178 Resp: 419664
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 22.0
 179 14.9 12.6 19.0



#72
 Carbazole
 Concen: 43.89 ng
 RT: 13.01 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Tgt Ion:167 Resp: 400476
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.6 10.8 16.2

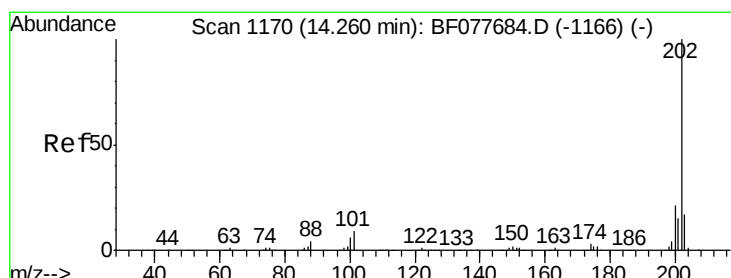
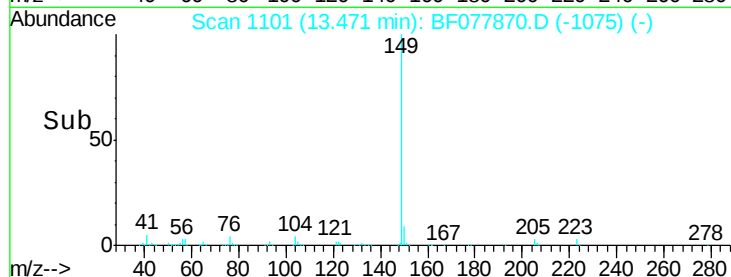
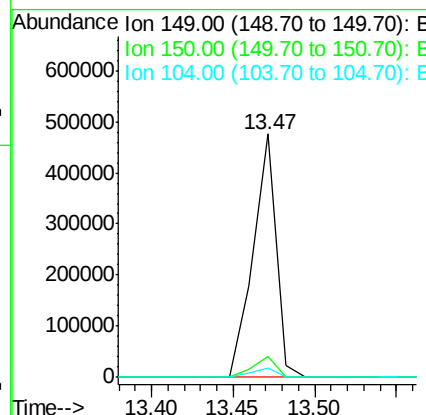
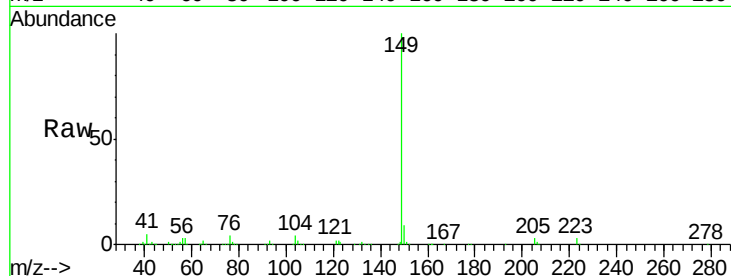




#73
Di-n-butylphthalate
Concen: 45.65 ng
RT: 13.47 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

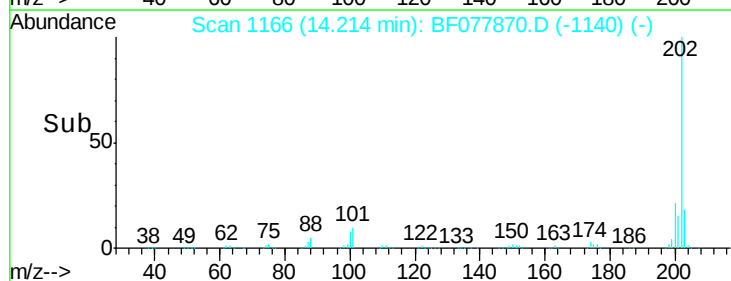
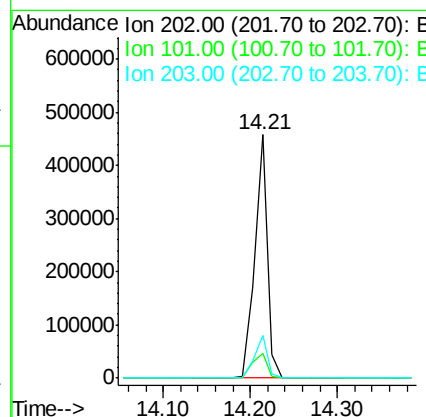
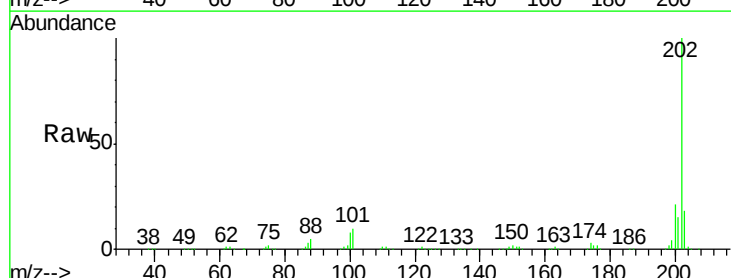
Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

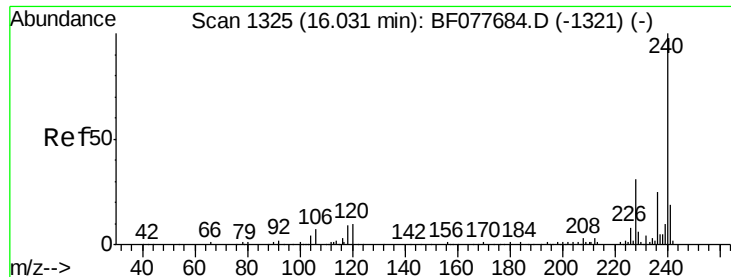
Tot Ion:149 Resp: 467020
Ion Ratio Lower Upper
149 100
150 8.7 7.5 11.3
104 4.0 3.7 5.5



#74
Fluoranthene
Concen: 43.51 ng
RT: 14.21 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:202 Resp: 465923
Ion Ratio Lower Upper
202 100
101 10.3 0.0 28.7
203 17.7 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.02 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

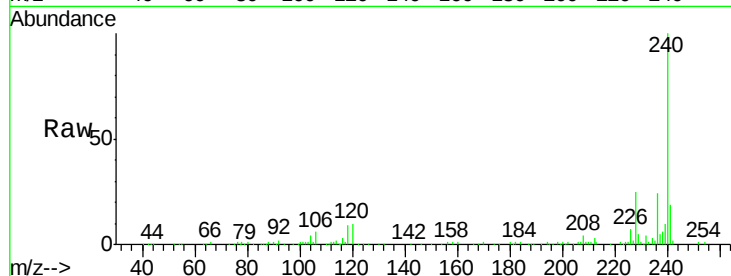
Tot Ion:240 Resp: 185860

Ion Ratio Lower Upper

240 100

120 9.7 8.2 12.2

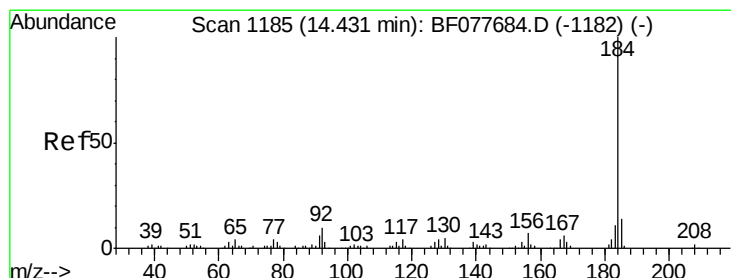
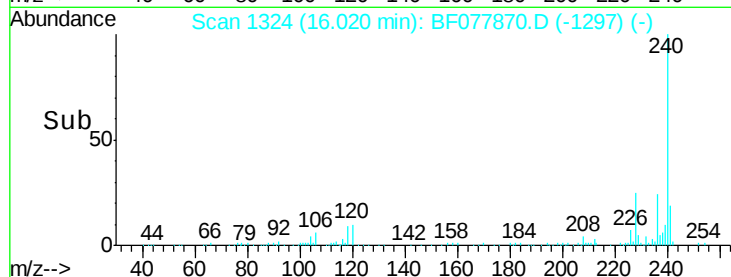
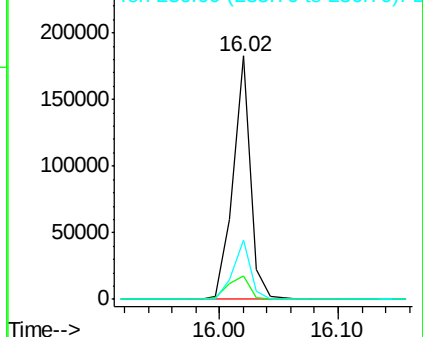
236 24.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 55.26 ng

RT: 14.40 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

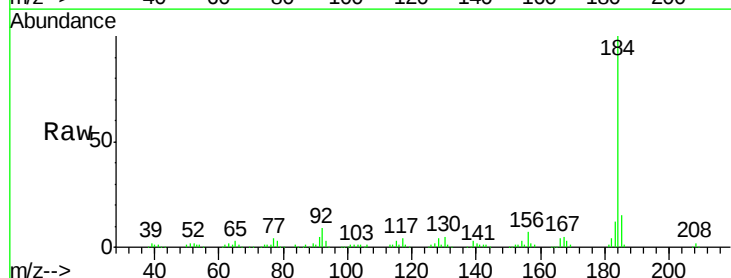
Tgt Ion:184 Resp: 253172

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

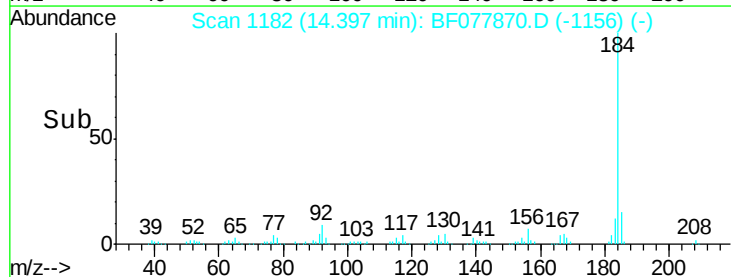
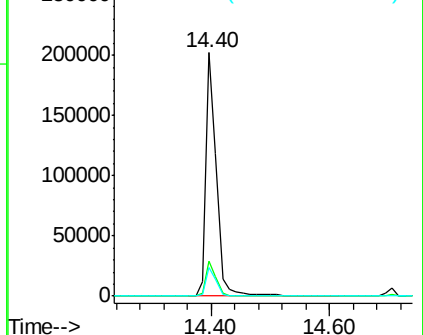
183 11.5 8.9 13.3

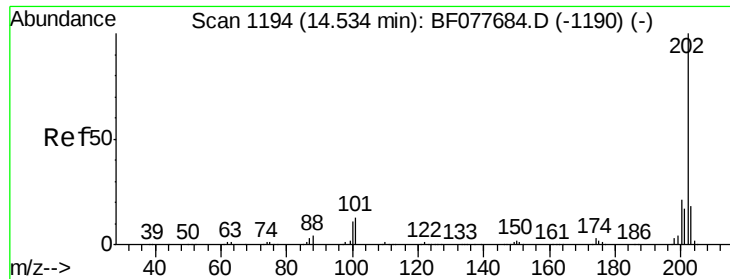


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

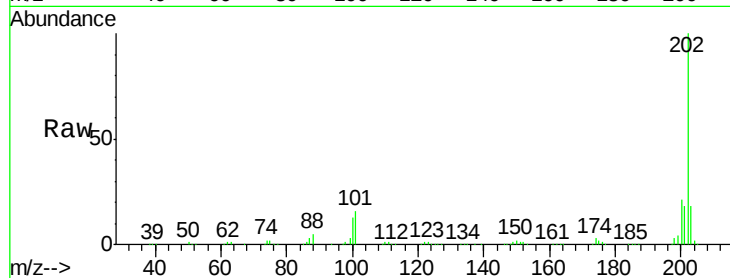




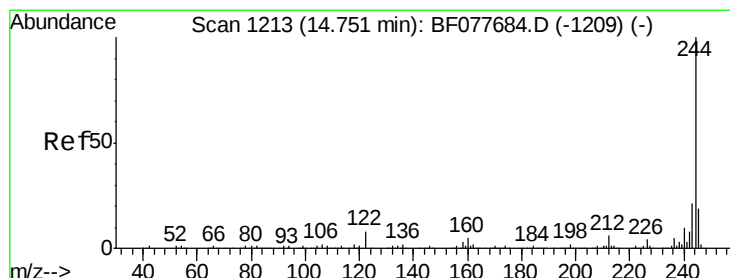
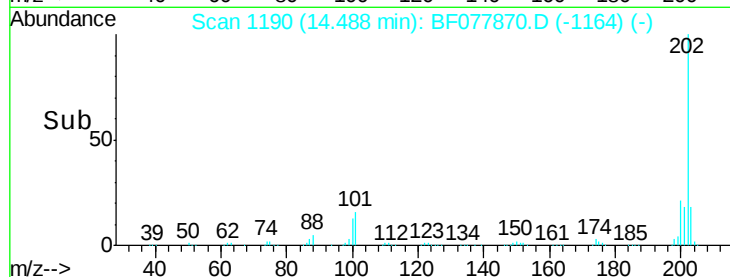
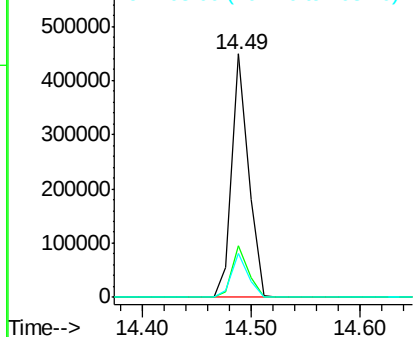
#77
Pvrene
Concen: 40.50 ng
RT: 14.49 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.0	14.1	21.1

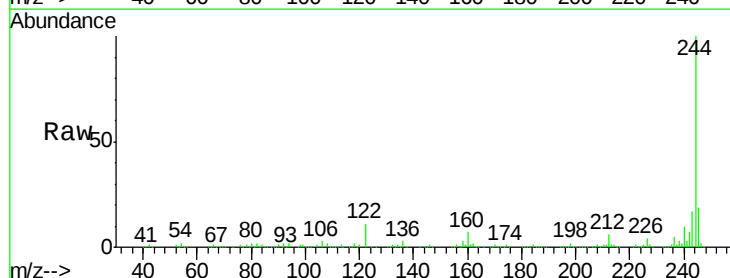


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

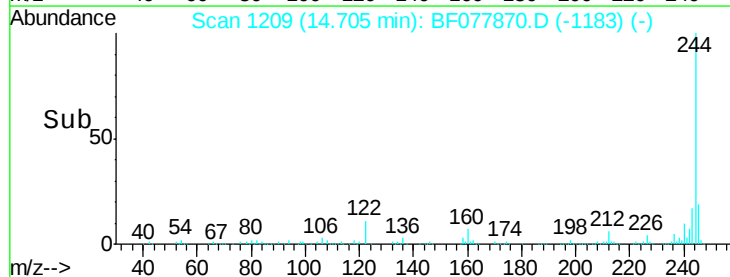
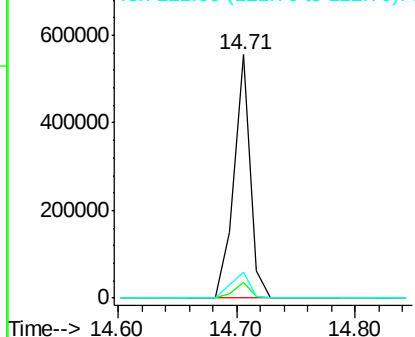


#78
Terphenyl-d14
Concen: 69.83 ng
RT: 14.71 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	4.9	7.3
122	10.7	6.2	9.4



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

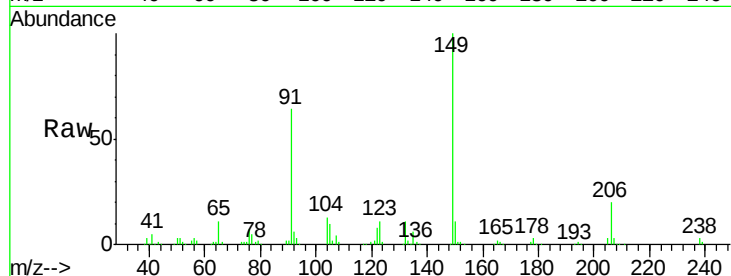




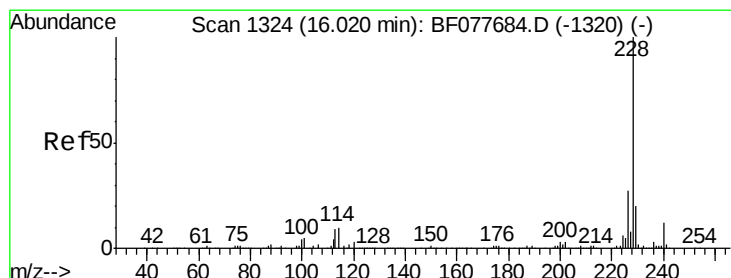
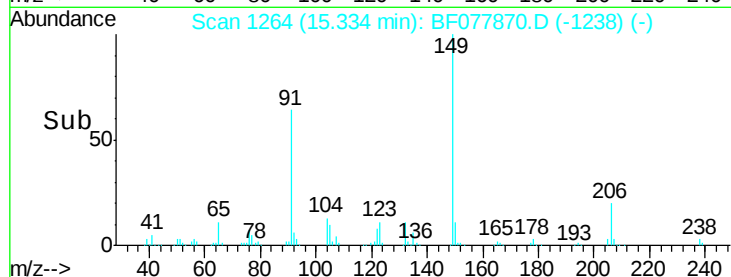
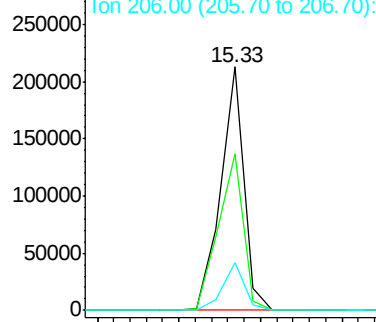
#79
Butylbenzylphthalate
Concen: 45.34 ng
RT: 15.33 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

Tot Ion:149 Resp: 208945
Ion Ratio Lower Upper
149 100
91 64.1 50.1 75.1
206 19.8 16.2 24.2

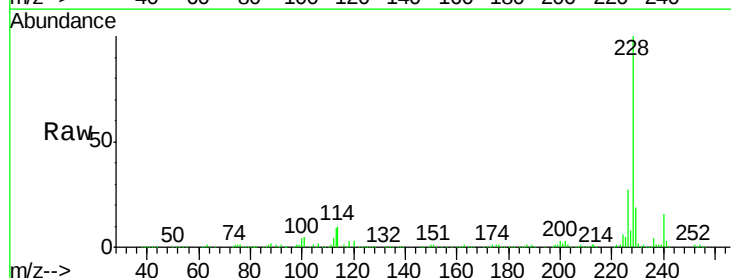


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

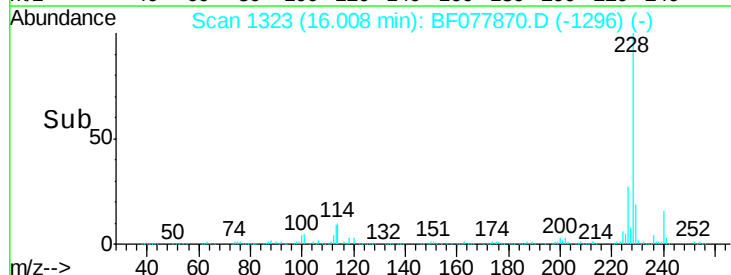
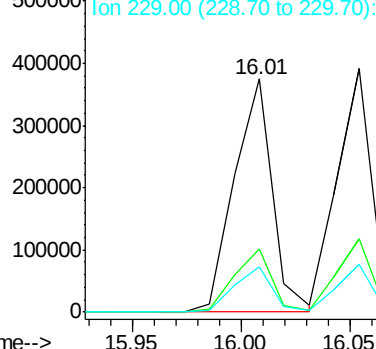


#80
Benzo(a)anthracene
Concen: 41.53 ng
RT: 16.01 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:228 Resp: 457549
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.4 16.0 24.0



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

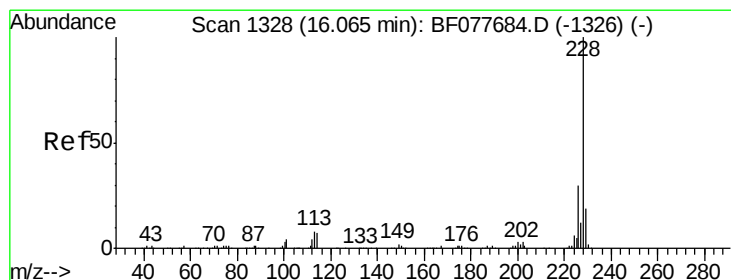
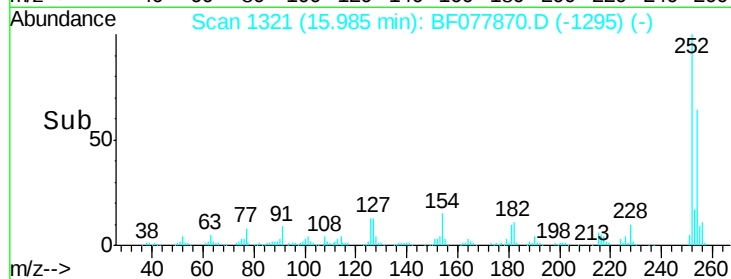
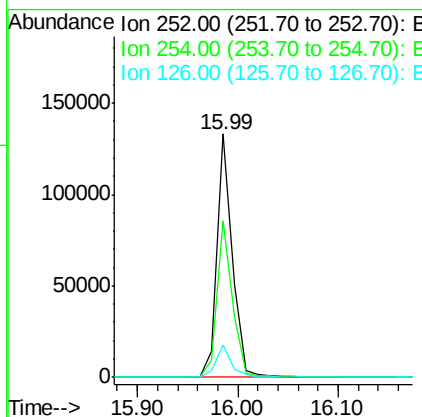
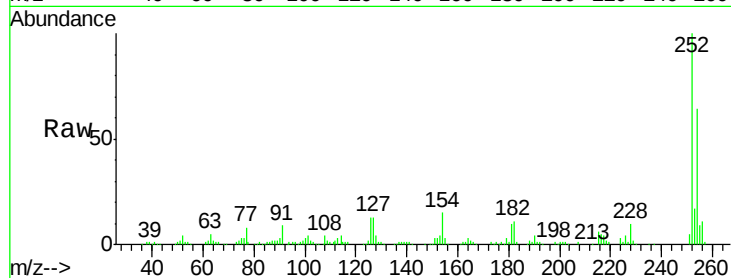




#81
 3,3'-Dichlorobenzidine
 Concen: 38.90 ng
 RT: 15.99 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

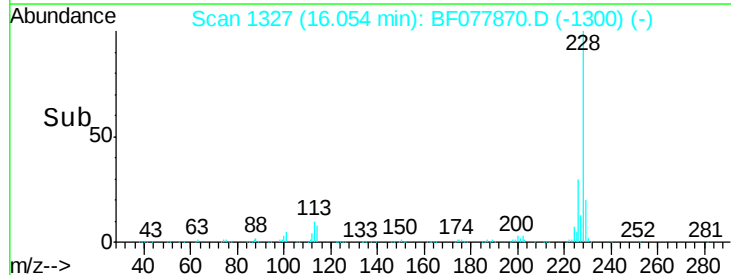
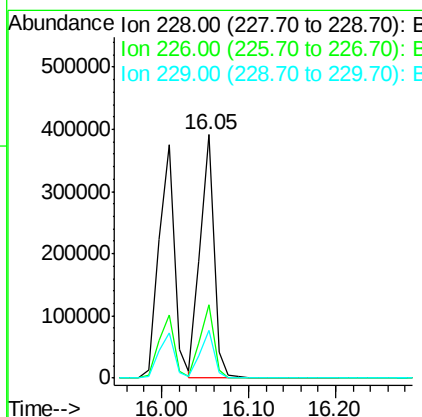
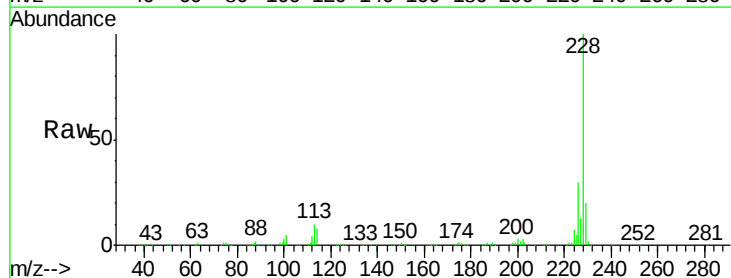
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MS

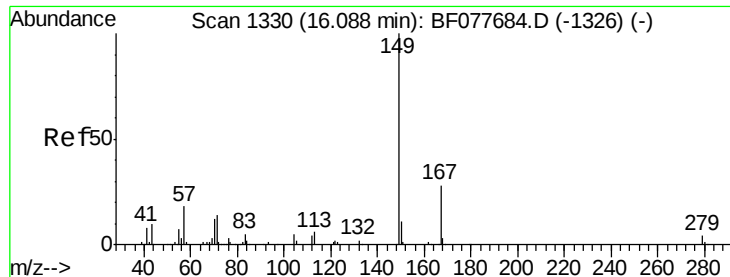
Tot Ion:252 Resp: 141366
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.9 77.9
 126 13.4 9.8 14.8



#82
 Chrysene
 Concen: 43.94 ng
 RT: 16.05 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Tgt Ion:228 Resp: 435283
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.1 36.1
 229 19.8 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.43 ng

RT: 16.08 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

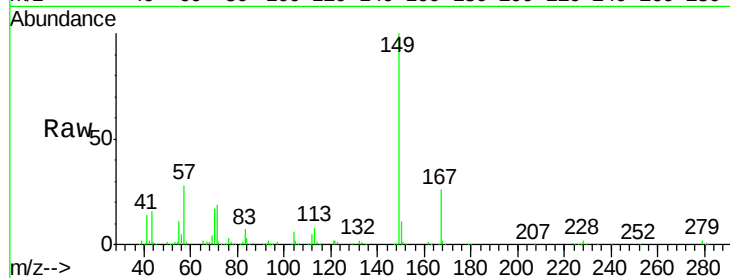
Tot Ion:149 Resp: 303155

Ion Ratio Lower Upper

149 100

167 25.7 22.4 33.6

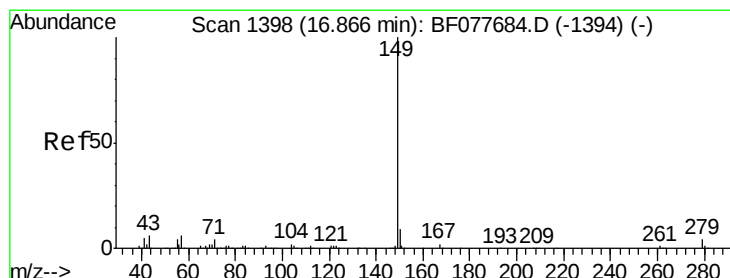
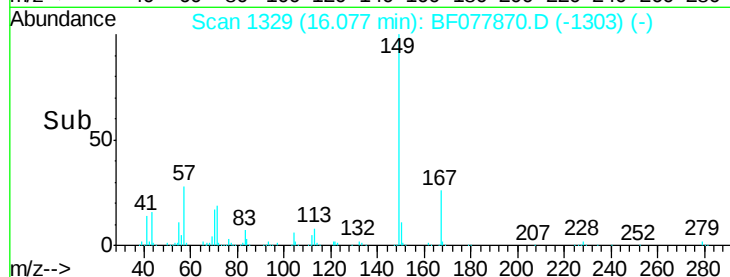
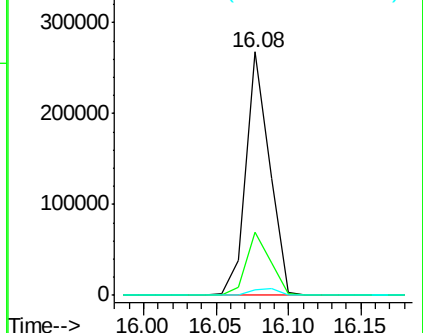
279 2.4 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.34 ng

RT: 16.92 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

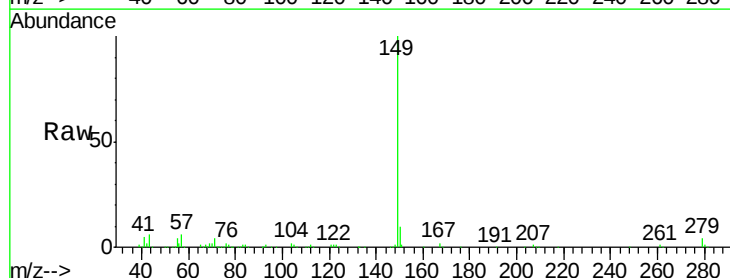
Tgt Ion:149 Resp: 517283

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

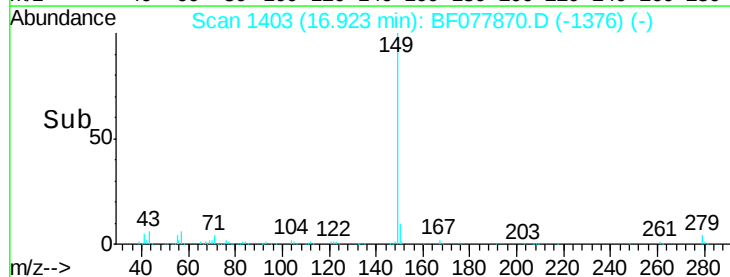
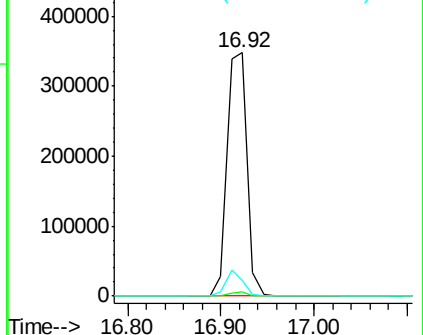
43 8.9 7.3 10.9



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

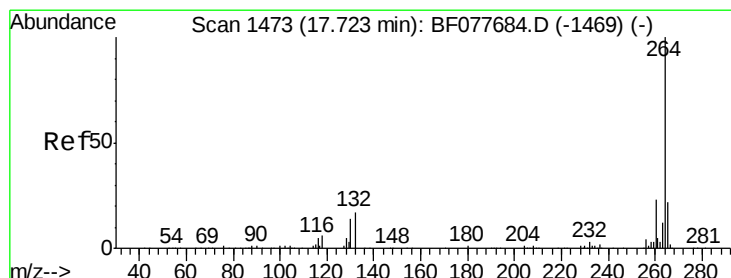
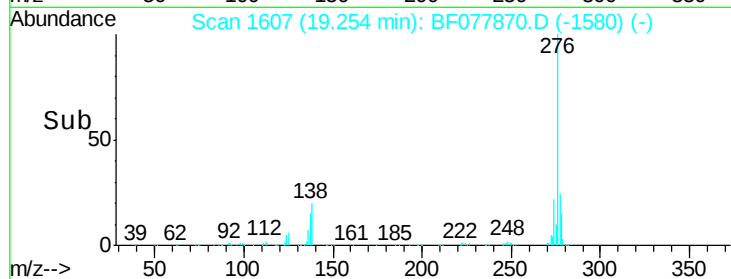
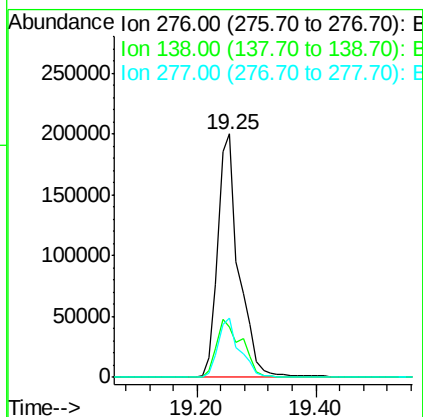
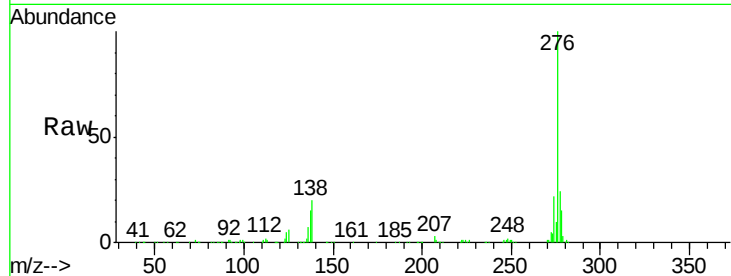




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.18 ng
 RT: 19.25 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

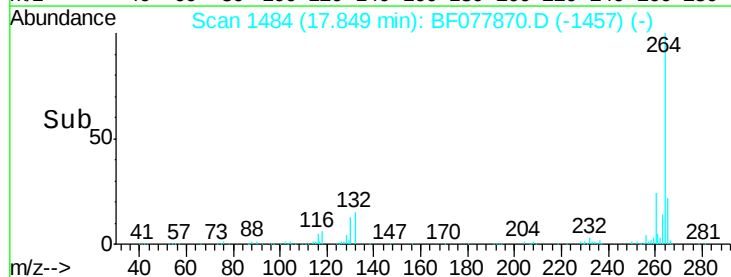
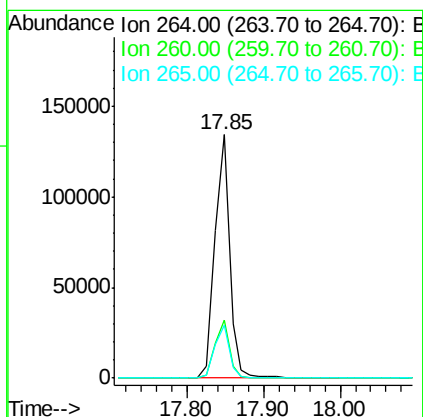
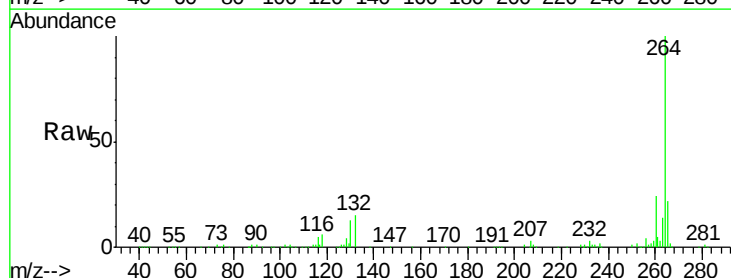
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MS

Tot Ion:276 Resp: 496774
 Ion Ratio Lower Upper
 276 100
 138 28.8 0.0 0.0#
 277 24.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.85 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF077870.D
 Acq: 20 Mar 2015 18:30

Tgt Ion:264 Resp: 179719
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.9 17.3 25.9

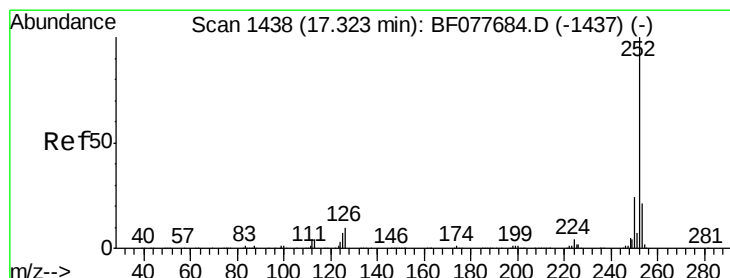
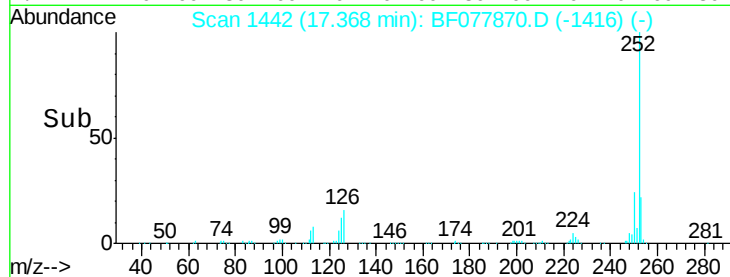
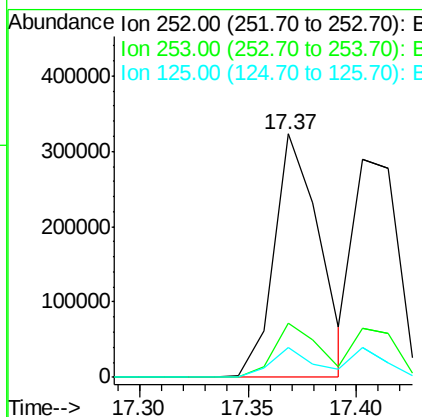
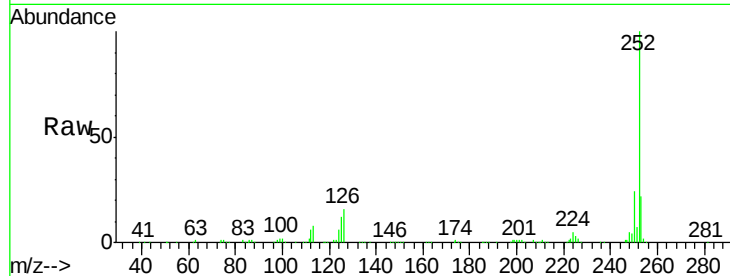




#87
Benzo(b)fluoranthene
Concen: 40.04 ng
RT: 17.37 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

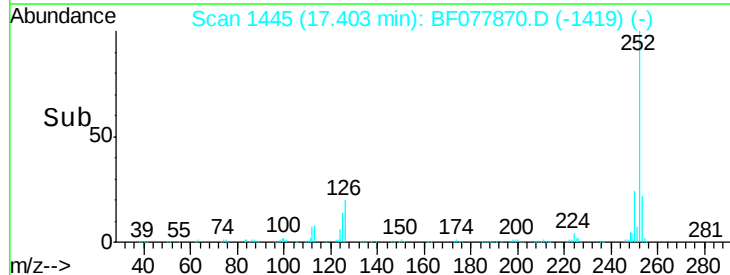
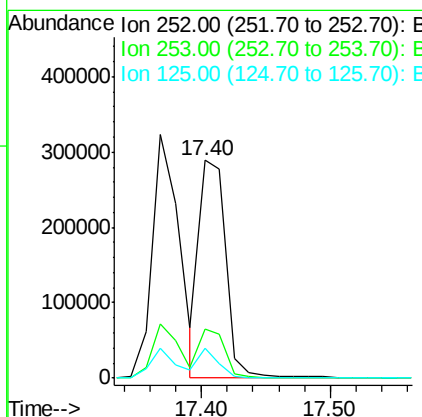
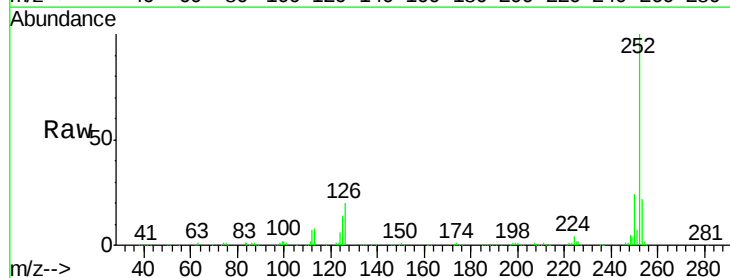
Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

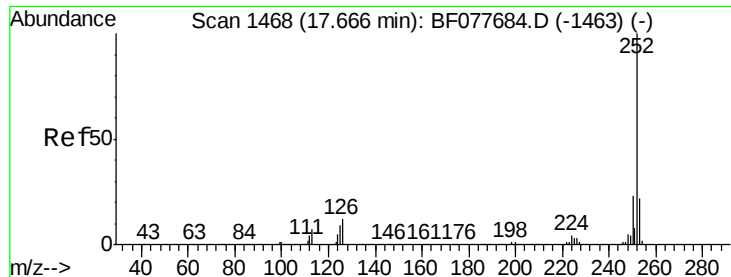
Tot Ion:252 Resp: 469755
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 12.1 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 45.89 ng m
RT: 17.40 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:252 Resp: 420563
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 13.6 8.1 12.1#

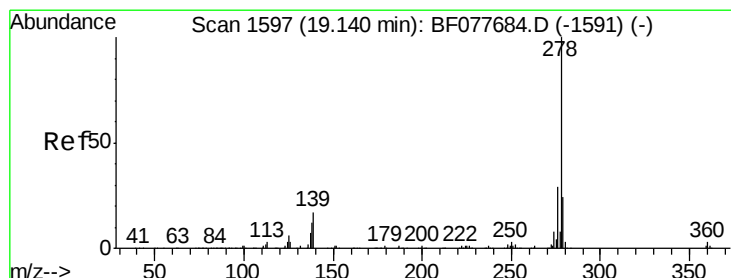
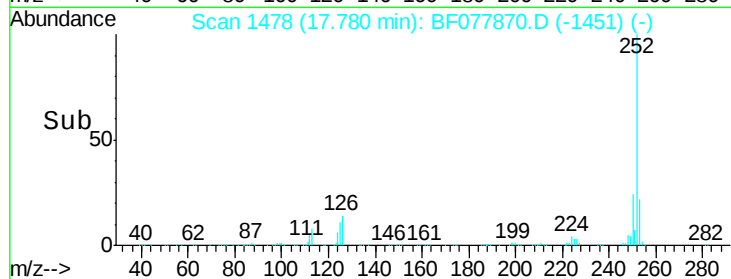
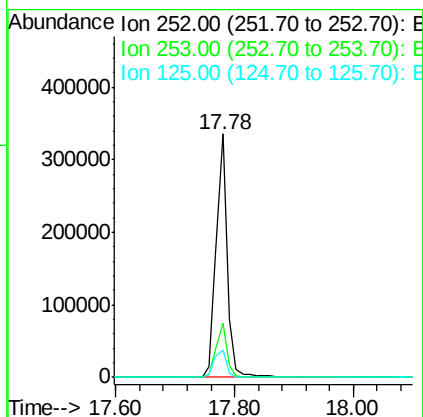
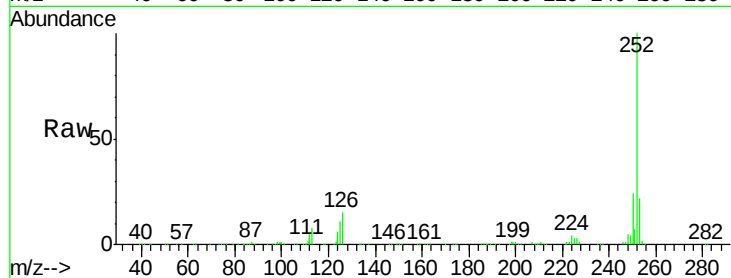




#89
Benzo(a)pyrene
Concen: 44.17 ng
RT: 17.78 min Scan# 1478
Delta R.T. 0.01 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

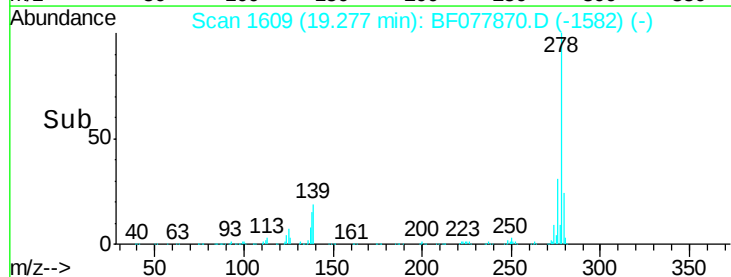
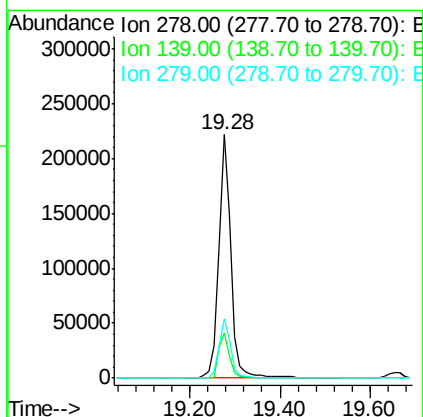
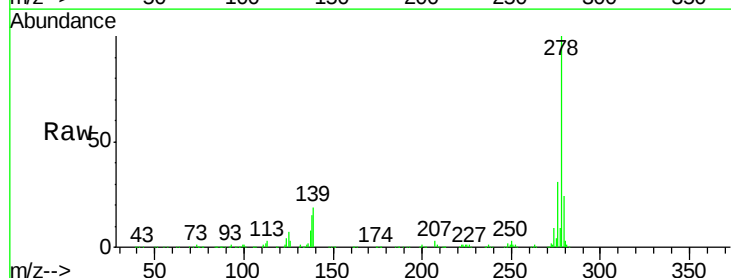
Instrument :
BNA_F
ClientSampleId :
Z2-0119MS

Tot Ion:252 Resp: 432421
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.5 7.4 11.2#



#90
Dibenzo(a,h)anthracene
Concen: 42.99 ng
RT: 19.28 min Scan# 1609
Delta R.T. 0.01 min
Lab File: BF077870.D
Acq: 20 Mar 2015 18:30

Tgt Ion:278 Resp: 417460
Ion Ratio Lower Upper
278 100
139 18.6 13.4 20.0
279 24.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 42.25 ng

RT: 19.65 min Scan# 1642

Delta R.T. 0.01 min

Lab File: BF077870.D

Acq: 20 Mar 2015 18:30

Instrument :

BNA_F

ClientSampleId :

Z2-0119MS

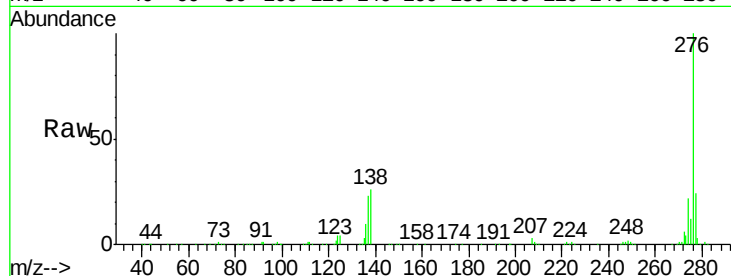
Tot Ion: 276 Resp: 417659

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 26.0 19.0 28.6



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

