

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077871.D
 Acq On : 20 Mar 2015 18:59
 Operator : TP/IZ
 Sample : G1604-06MSD
 Misc : W/DOD
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Quant Time: Mar 21 00:37:17 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	48506	20.00	ng	0.00
21) Naphthalene-d8	8.70	136	192845	20.00	ng	0.00
38) Acenaphthene-d10	10.88	164	98108	20.00	ng	0.00
63) Phenanthrene-d10	12.71	188	184631	20.00	ng	-0.01
75) Chrysene-d12	15.99	240	199418	20.00	ng	-0.02
86) Perylene-d12	17.68	264	187347	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	131801	47.43	ng	0.00
7) Phenol-d6	6.70	99	98357	28.65	ng	0.00
23) Nitrobenzene-d5	7.82	82	267973	91.09	ng	0.00
41) 2,4,6-Tribromophenol	11.86	330	108872	115.98	ng	0.00
44) 2-Fluorobiphenyl	10.05	172	586510	87.86	ng	0.00
78) Terphenyl-d14	14.71	244	567588	69.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	13601	10.78	ng	# 100
3) Pyridine	2.75	79	22286	6.57	ng	97
4) n-Nitrosodimethylamine	2.64	42	16245	11.01	ng	# 92
6) Aniline	6.72	93	82566	16.81	ng	# 85
8) 2-Chlorophenol	6.86	128	101715	30.75	ng	90
9) Benzaldehyde	6.57	77	8764	6.23	ng	95
10) Phenol	6.72	94	41281	10.17	ng	# 40
11) bis(2-Chloroethyl)ether	6.82	93	129428	42.58	ng	94
12) 1,3-Dichlorobenzene	7.05	146	135489	36.83	ng	99
13) 1,4-Dichlorobenzene	7.15	146	141818	37.10	ng	99
14) 1,2-Dichlorobenzene	7.33	146	134964	38.51	ng	99
15) Benzyl Alcohol	7.31	79	56361	21.03	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.49	45	171865	41.95	ng	99
17) 2-Methylphenol	7.47	107	64219	23.85	ng	97
18) Hexachloroethane	7.74	117	46523	37.11	ng	96
19) n-Nitroso-di-n-propylamine	7.65	70	98034	41.28	ng	# 93
20) 3+4-Methylphenols	7.66	107	71739	20.30	ng	98
22) Acetophenone	7.64	105	187841	44.00	ng	# 90
24) Nitrobenzene	7.85	77	139377	43.98	ng	# 86
25) Isophorone	8.14	82	252167	42.44	ng	96
26) 2-Nitrophenol	8.24	139	61753	39.80	ng	# 87
27) 2,4-Dimethylphenol	8.32	122	97168	34.37	ng	99
28) bis(2-Chloroethoxy)methane	8.43	93	163873	45.44	ng	99
29) 2,4-Dichlorophenol	8.54	162	99531	36.94	ng	94
30) 1,2,4-Trichlorobenzene	8.64	180	119616	39.68	ng	97
31) Naphthalene	8.73	128	383920	38.76	ng	100
32) Benzoic acid	8.40	122	17077	13.22	ng	97
33) 4-Chloroaniline	8.81	127	111668	27.78	ng	# 93
34) Hexachlorobutadiene	8.89	225	64414	37.70	ng	98
35) Caprolactam	9.24	113	3401	4.32	ng	90
36) 4-Chloro-3-methylphenol	9.42	107	96916	35.75	ng	98
37) 2-Methylnaphthalene	9.58	142	273321	41.08	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	113645	38.84	ng	# 100
40) Hexachlorocyclopentadiene	9.78	237	117983	80.52	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032015\
 Data File : BF077871.D
 Acq On : 20 Mar 2015 18:59
 Operator : TP/IZ
 Sample : G1604-06MSD
 Misc : W/DOD
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Quant Time: Mar 21 00:37:17 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	76797	37.89	nq	98
43) 2,4,5-Trichlorophenol	10.00	196	81748	37.33	nq	98
45) 1,1'-Biphenyl	10.17	154	318550	40.62	nq	97
46) 2-Chloronaphthalene	10.19	162	259268	40.68	nq	95
47) 2-Nitroaniline	10.33	65	71785	45.35	nq	92
48) Acenaphthylene	10.69	152	411018	38.78	nq	100
49) Dimethylphthalate	10.57	163	317181	43.59	nq	99
50) 2,6-Dinitrotoluene	10.64	165	69864	46.32	nq	# 87
51) Acenaphthene	10.91	154	233772	38.47	nq	100
52) 3-Nitroaniline	10.84	138	56969	32.52	nq	91
53) 2,4-Dinitrophenol	10.97	184	47672	85.42	nq	94
54) Dibenzofuran	11.13	168	364434	40.43	nq	95
55) 4-Nitrophenol	11.07	139	29469	22.71	nq	98
56) 2,4-Dinitrotoluene	11.13	165	88742	45.12	nq	92
57) Fluorene	11.55	166	294169	39.31	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.29	232	69917	41.47	nq	# 100
59) Diethylphthalate	11.44	149	300585	42.40	nq	96
60) 4-Chlorophenyl-phenylether	11.56	204	140810	41.23	nq	92
61) 4-Nitroaniline	11.60	138	65960	37.78	nq	96
62) Azobenzene	11.76	77	281168	41.49	nq	92
64) 4,6-Dinitro-2-methylphenol	11.63	198	37909	43.89	nq	78
65) n-Nitrosodiphenylamine	11.71	169	258899	42.11	nq	99
66) 4-Bromophenyl-phenylether	12.17	248	85146	43.21	nq	# 92
67) Hexachlorobenzene	12.22	284	89927	41.54	nq	94
68) Atrazine	12.39	200	81893	47.53	nq	94
69) Pentachlorophenol	12.48	266	92885	81.84	nq	96
70) Phenanthrene	12.74	178	458194	43.23	nq	98
71) Anthracene	12.81	178	452308	43.19	nq	99
72) Carbazole	13.01	167	444738	44.65	nq	99
73) Di-n-butylphthalate	13.47	149	512742	45.91	nq	99
74) Fluoranthene	14.21	202	501549	42.90	nq	98
76) Benzidine	14.40	184	99554	19.94	nq	99
77) Pyrene	14.49	202	519267	41.41	nq	99
79) Butylbenzylphthalate	15.32	149	222456	44.99	nq	87
80) Benzo(a)anthracene	15.97	228	487015	41.20	nq	99
81) 3,3'-Dichlorobenzidine	15.96	252	155623	39.91	nq	# 97
82) Chrysene	16.02	228	465738	43.82	nq	99
83) Bis(2-ethylhexyl)phthalate	16.04	149	329663	44.02	nq	# 97
84) Di-n-octyl phthalate	16.82	149	565556	44.17	nq	100
85) Indeno(1,2,3-cd)pyrene	19.05	276	529734	39.93	nq	# 100
87) Benzo(b)fluoranthene	17.25	252	490006	40.06	nq	# 95
88) Benzo(k)fluoranthene	17.28	252	437824m	45.83	nq	
89) Benzo(a)pyrene	17.62	252	462780	45.35	nq	99
90) Dibenzo(a,h)anthracene	19.07	278	440457	43.52	nq	96
91) Benzo(g,h,i)perylene	19.45	276	450945	43.76	nq	99

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

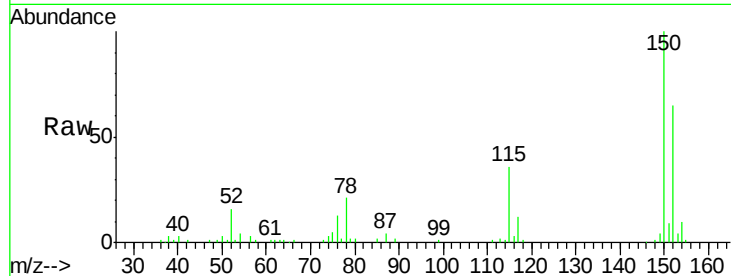


#1

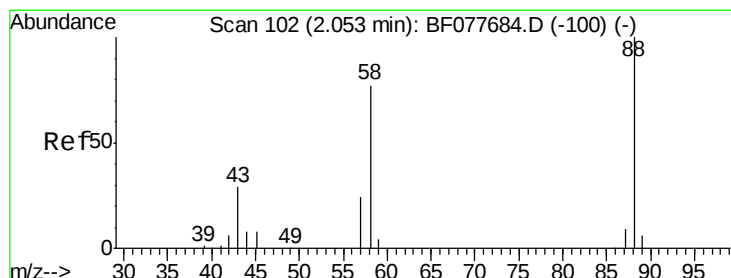
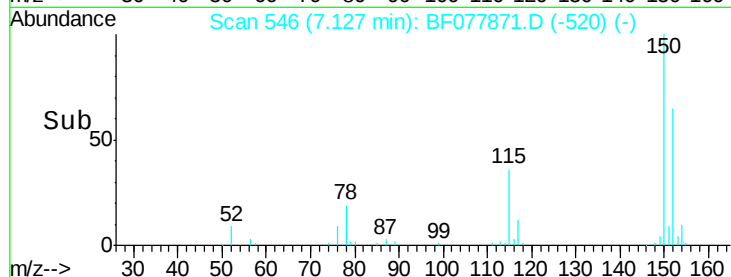
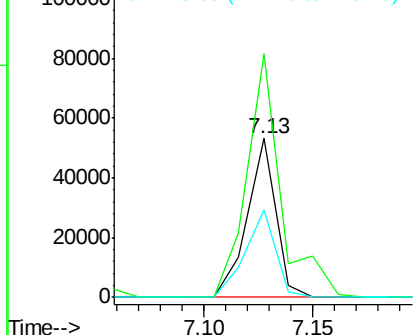
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Instrument :
BNA_F
ClientSampled :
Z2-0119MSD

Tot Ion:152 Resp: 48506
Ion Ratio Lower Upper
152 100
150 153.0 119.5 179.3
115 55.3 43.0 64.4



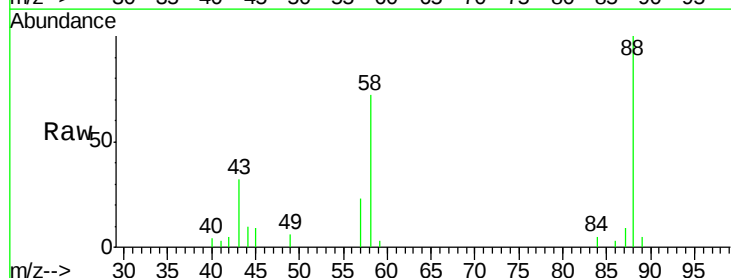
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



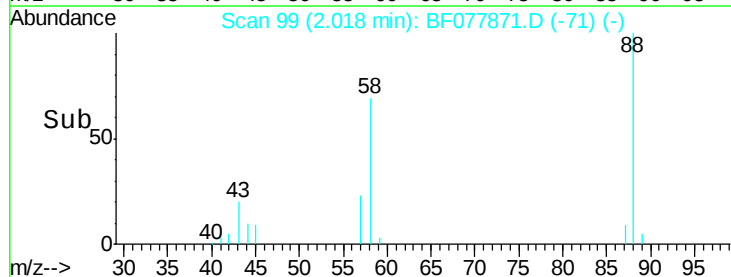
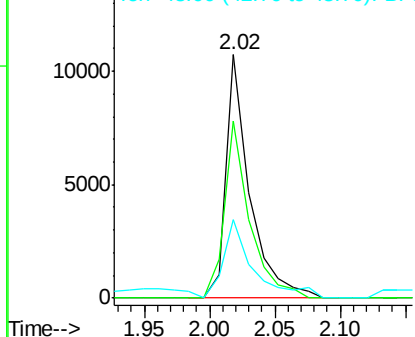
#2

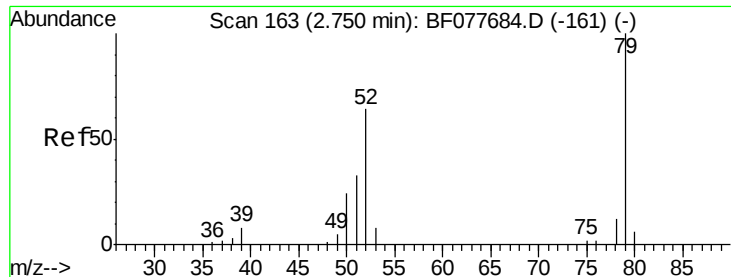
1,4-Dioxane
Concen: 10.78 ng
RT: 2.02 min Scan# 99
Delta R.T. 0.02 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion: 88 Resp: 13601
Ion Ratio Lower Upper
88 100
58 77.0 0.0 0.0#
43 40.4 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

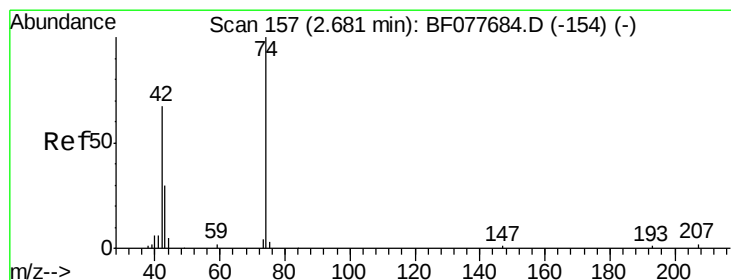
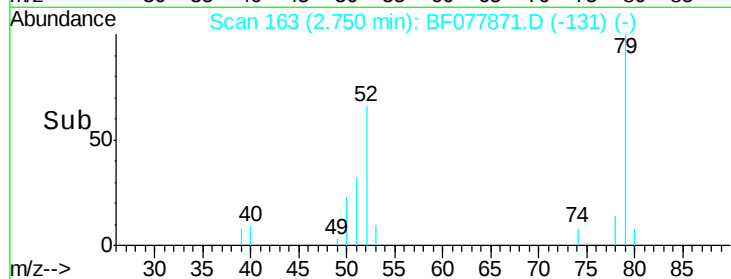
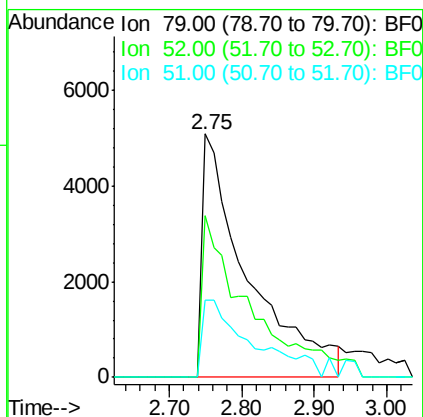
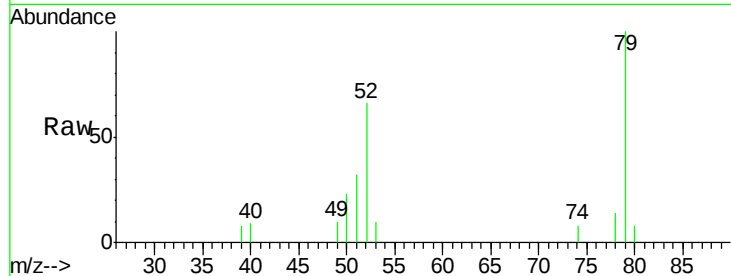




#3
 Pvridine
 Concen: 6.57 ng
 RT: 2.75 min Scan# 163
 Delta R.T. 0.07 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

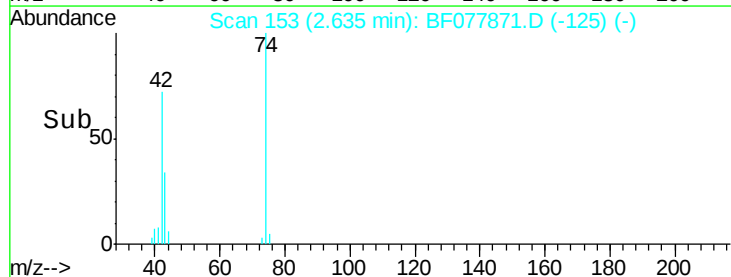
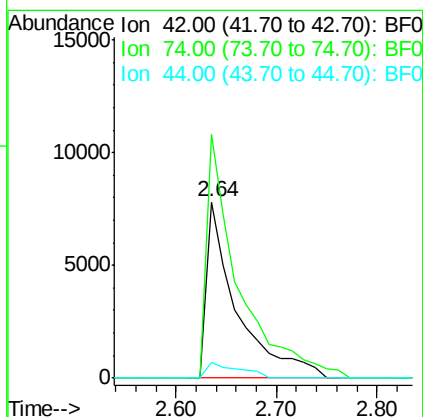
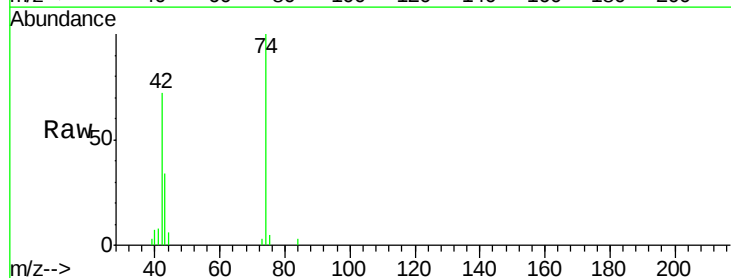
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Tot Ion: 79 Resp: 22286
 Ion Ratio Lower Upper
 79 100
 52 66.4 51.1 76.7
 51 31.7 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 11.01 ng
 RT: 2.64 min Scan# 153
 Delta R.T. 0.02 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Tgt Ion: 42 Resp: 16245
 Ion Ratio Lower Upper
 42 100
 74 138.5 119.3 178.9
 44 8.7 5.4 8.2#





#5

2-Fluorophenol

Concen: 47.43 ng

RT: 5.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

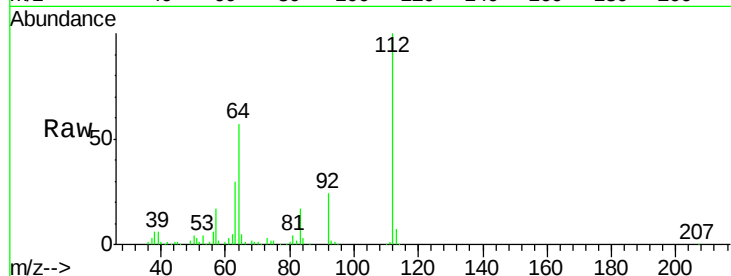
Tot Ion:112 Resp: 131801

Ion Ratio Lower Upper

112 100

64 57.1 38.6 57.8

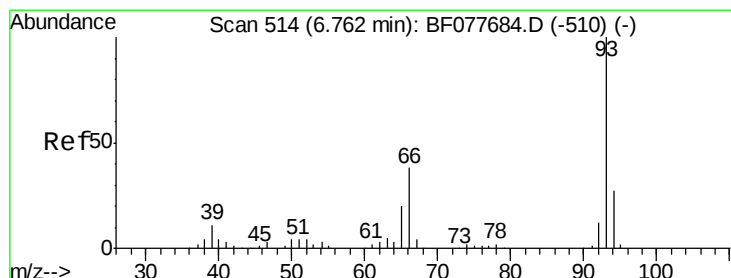
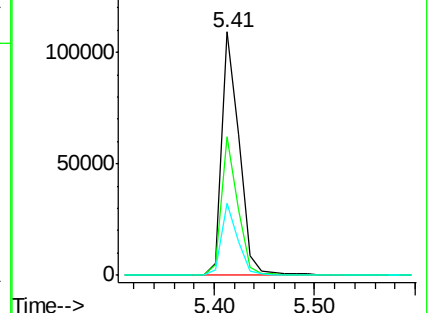
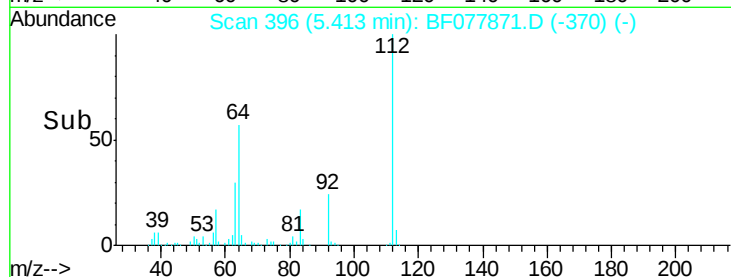
63 29.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.81 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

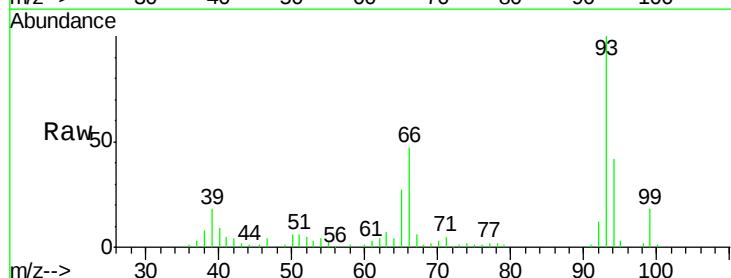
Tgt Ion: 93 Resp: 82566

Ion Ratio Lower Upper

93 100

66 47.4 30.8 46.2#

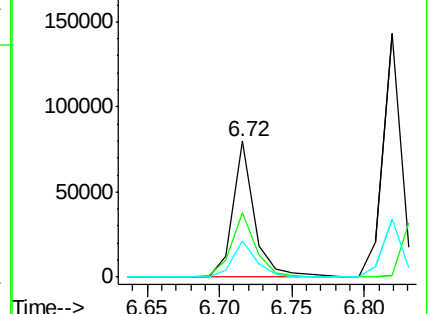
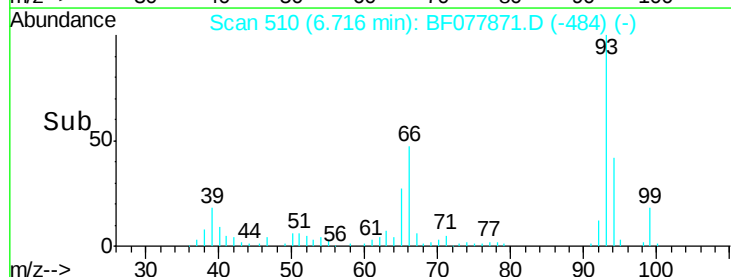
65 26.9 16.0 24.0#



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: 28.65 ng

RT: 6.70 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampled :

Z2-0119MSD

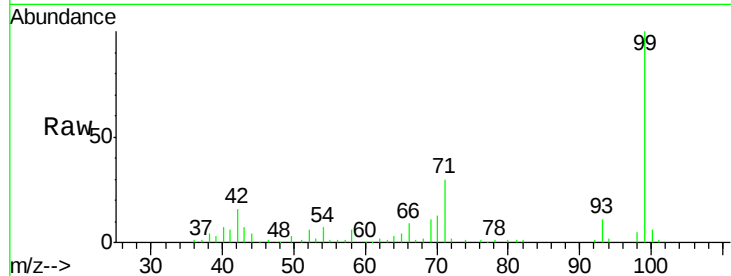
Tot Ion: 99 Resp: 98357

Ion Ratio Lower Upper

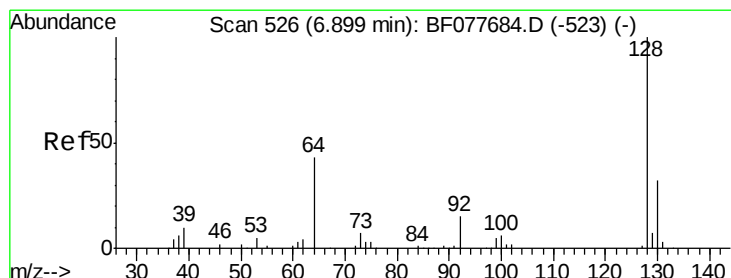
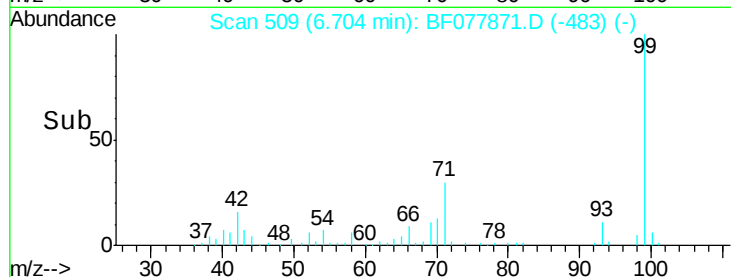
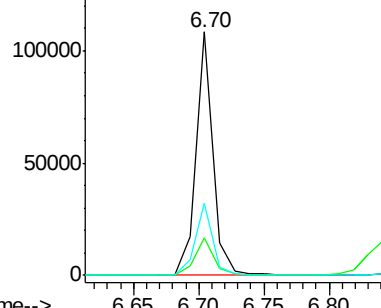
99 100

42 15.6 11.0 16.4

71 29.9 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: 30.75 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

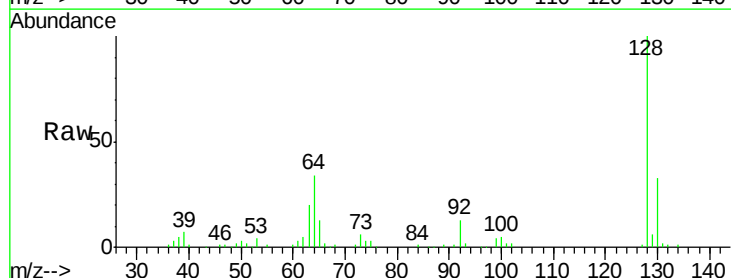
Tgt Ion:128 Resp: 101715

Ion Ratio Lower Upper

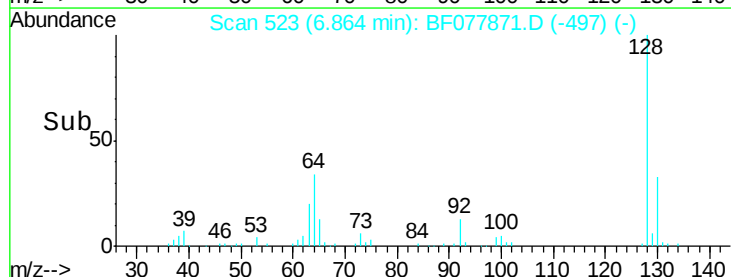
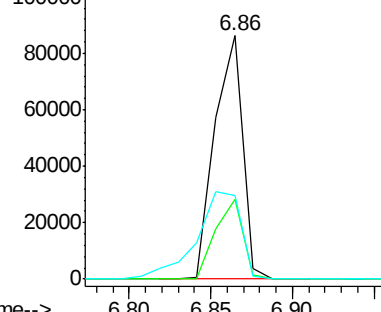
128 100

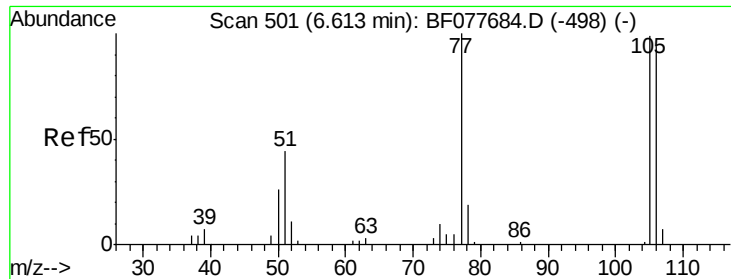
130 33.0 12.0 52.0

64 34.3 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: 6.23 ng

RT: 6.57 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

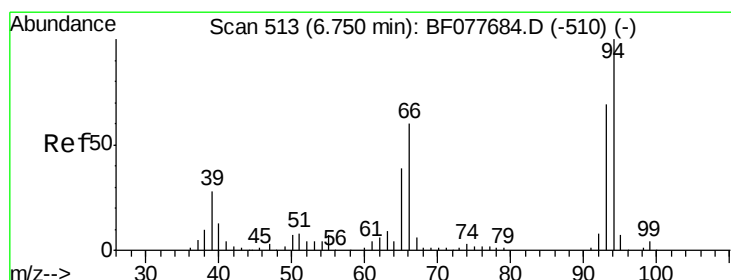
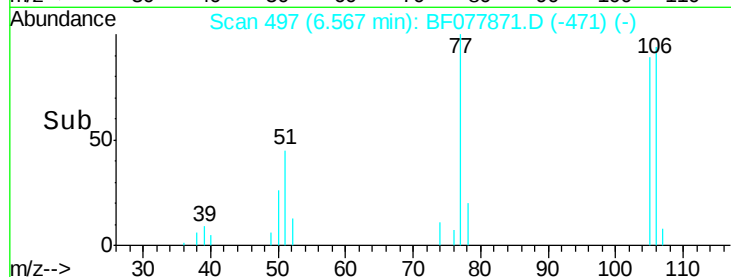
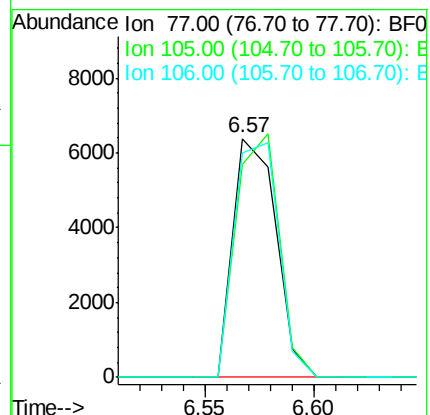
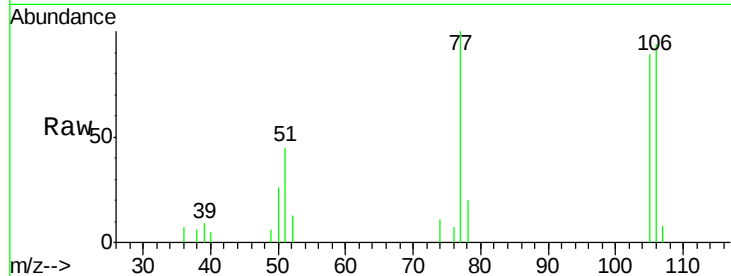
Tot Ion: 77 Resp: 8764

Ion Ratio Lower Upper

77 100

105 88.9 78.8 118.8

106 93.7 73.7 113.7



#10

Phenol

Concen: 10.17 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

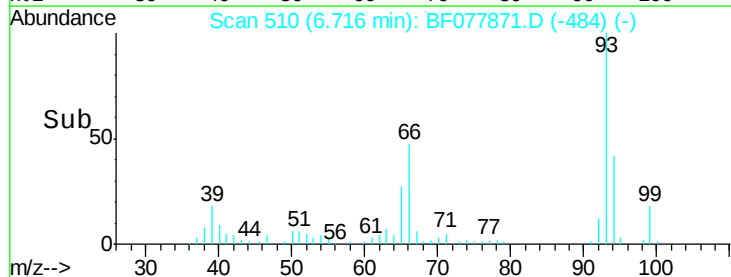
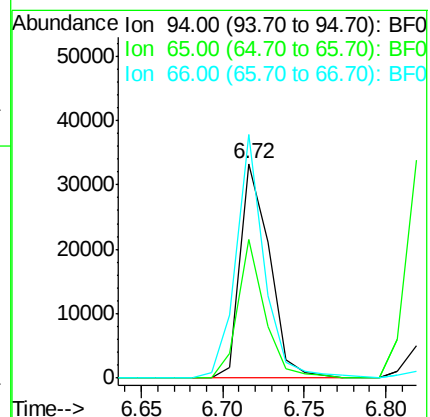
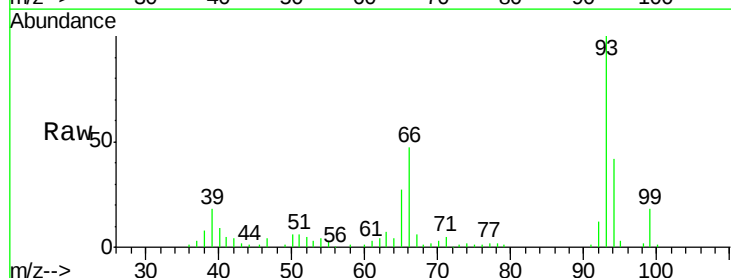
Tgt Ion: 94 Resp: 41281

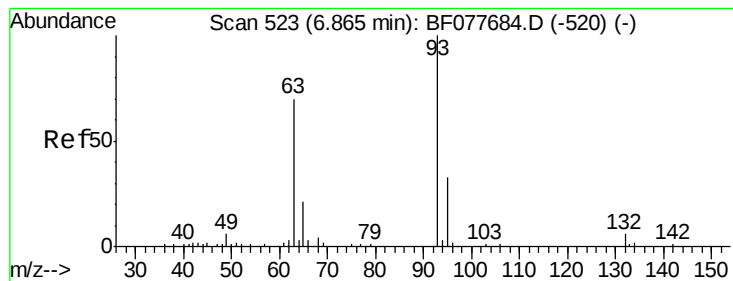
Ion Ratio Lower Upper

94 100

65 64.5 18.8 58.8#

66 113.6 39.9 79.9#

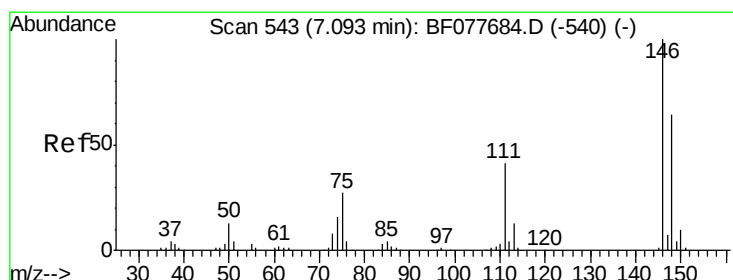
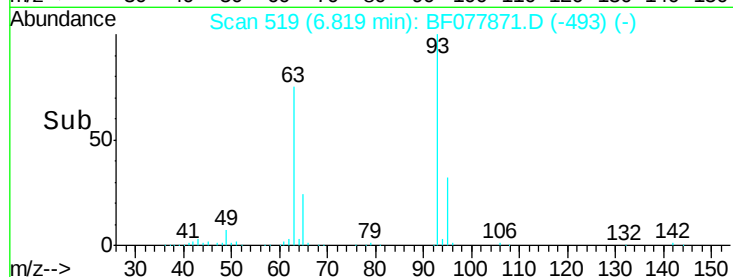
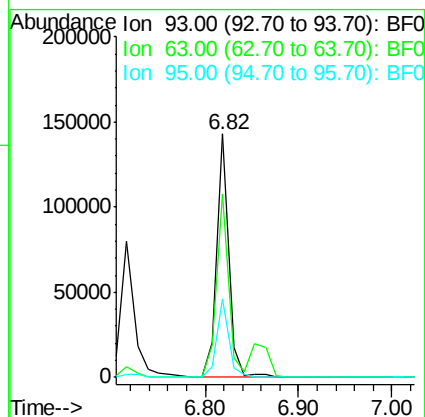
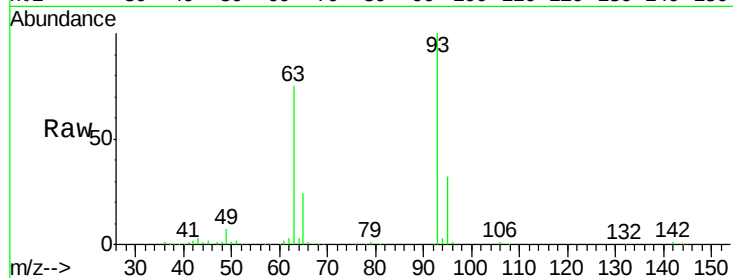




#11
bis(2-Chloroethyl)ether
Concen: 42.58 ng
RT: 6.82 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

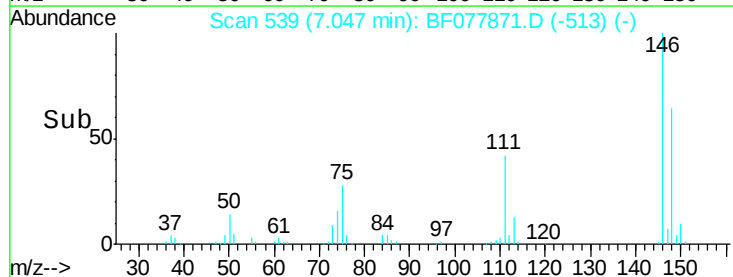
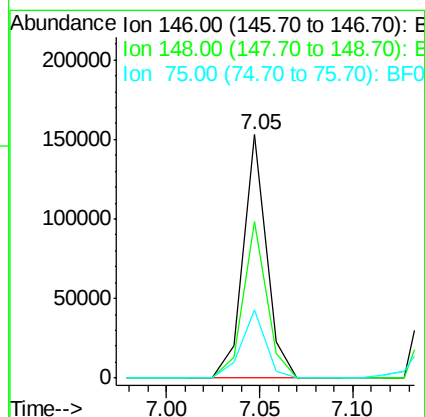
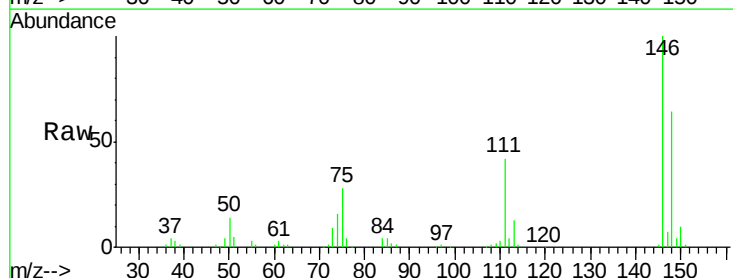
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

Tot Ion: 93 Resp: 129428
Ion Ratio Lower Upper
93 100
63 75.3 49.5 89.5
95 32.3 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 36.83 ng
RT: 7.05 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion: 146 Resp: 135489
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
75 28.1 21.4 32.2

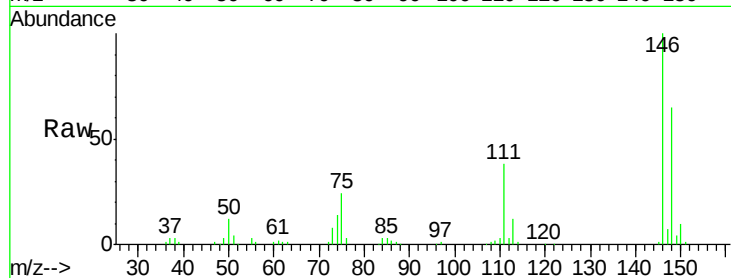




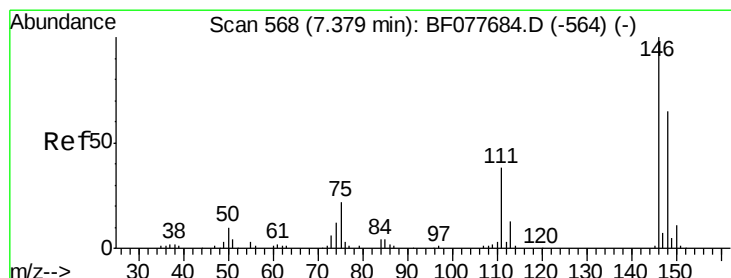
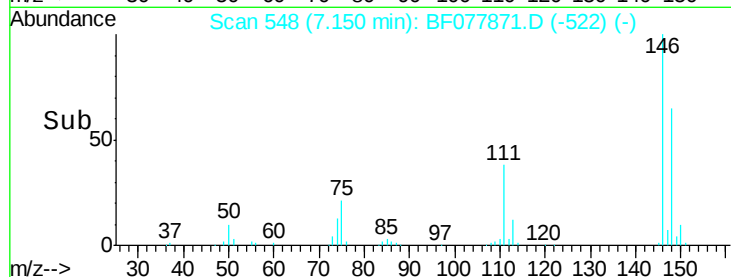
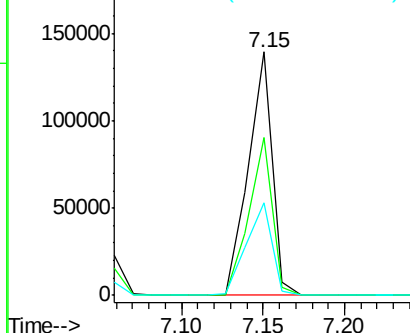
#13
1,4-Dichlorobenzene
Concen: 37.10 ng
RT: 7.15 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

Tot Ion:146 Resp: 141818
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
111 38.0 29.2 43.8

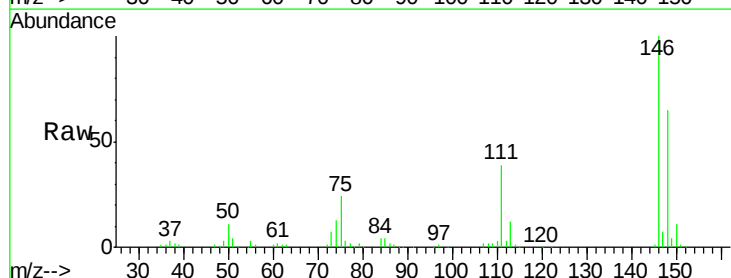


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

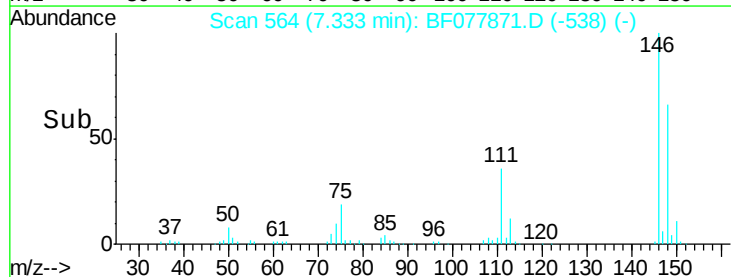
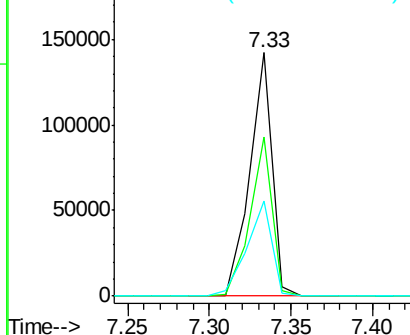


#14
1,2-Dichlorobenzene
Concen: 38.51 ng
RT: 7.33 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion:146 Resp: 134964
Ion Ratio Lower Upper
146 100
148 65.4 52.3 78.5
111 39.1 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: 21.03 ng

RT: 7.31 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

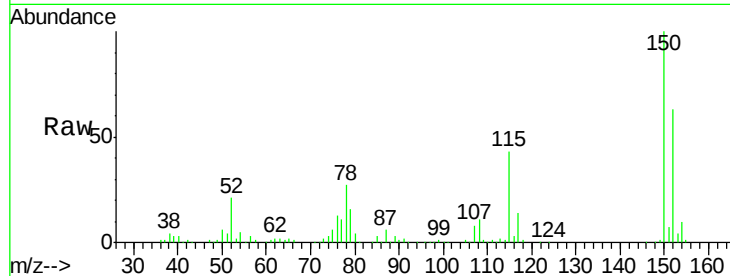
Tot Ion: 79 Resp: 56361

Ion Ratio Lower Upper

79 100

108 67.0 65.0 97.4

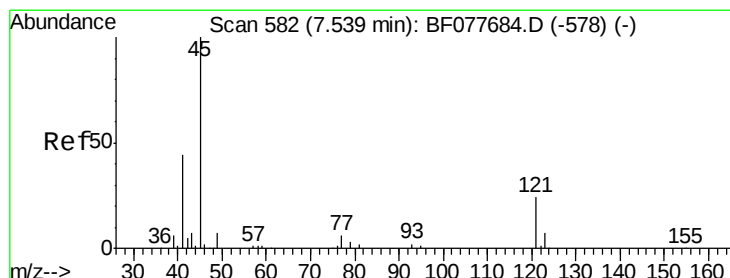
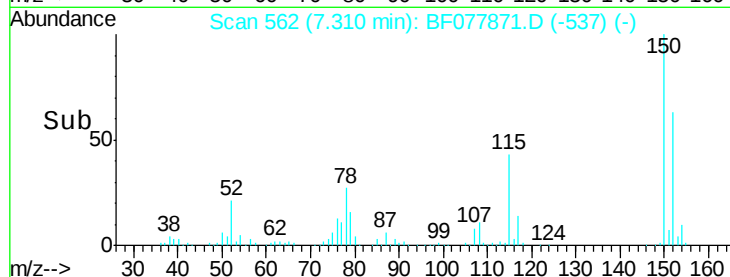
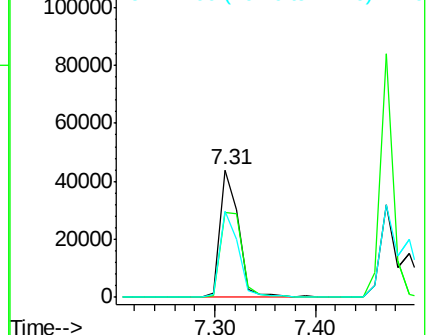
77 67.5 53.0 79.6



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: 41.95 ng

RT: 7.49 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

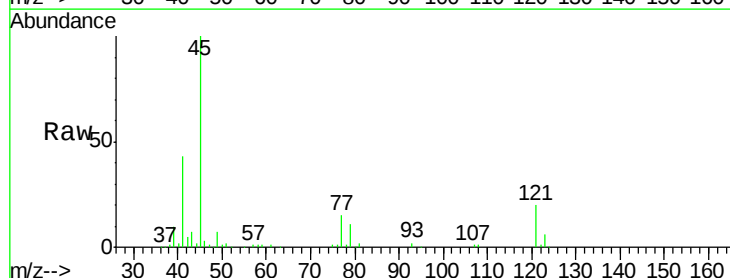
Tgt Ion: 45 Resp: 171865

Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.2

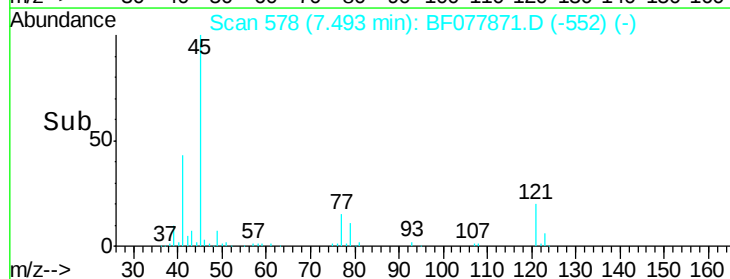
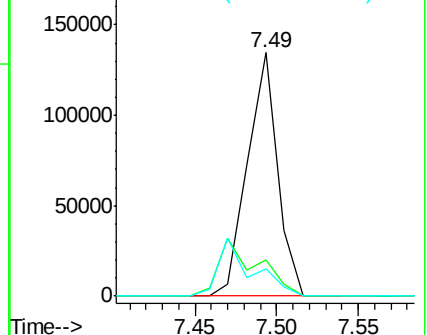
79 11.3 0.0 32.0

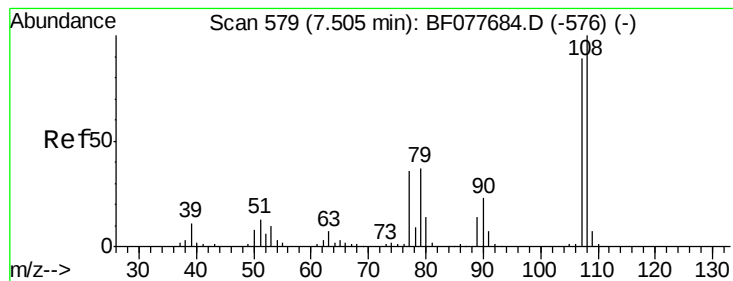


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 23.85 ng

RT: 7.47 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

Tot Ion:107 Resp: 64219

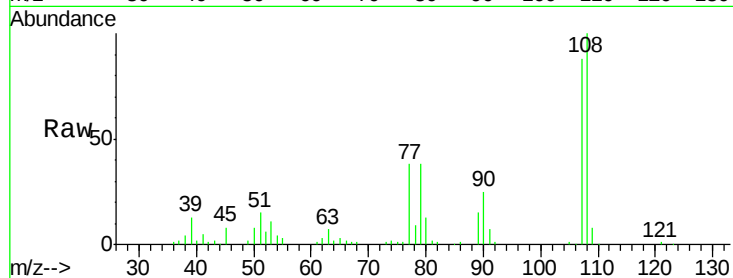
Ion Ratio Lower Upper

107 100

108 113.7 89.8 134.8

77 43.5 32.6 48.8

79 43.4 32.8 49.2

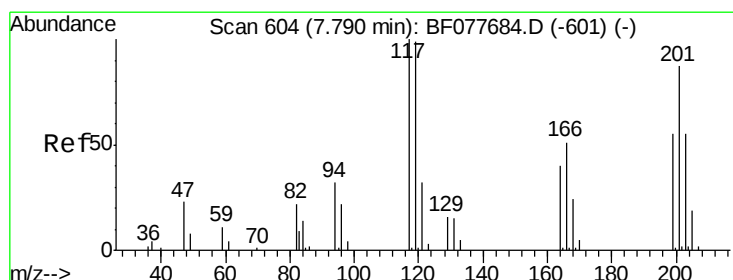
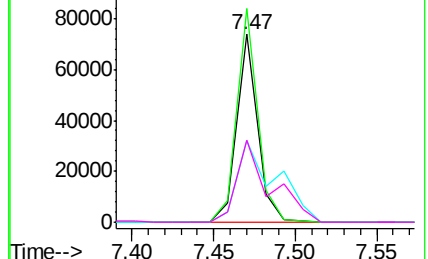
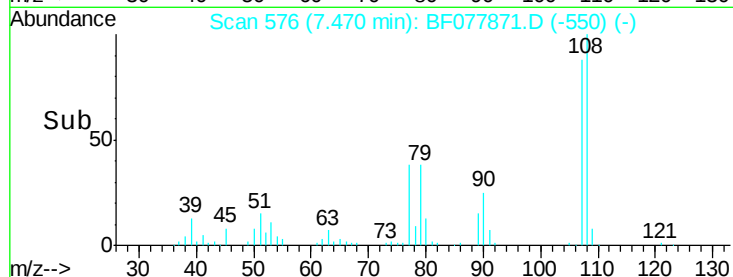


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.11 ng

RT: 7.74 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

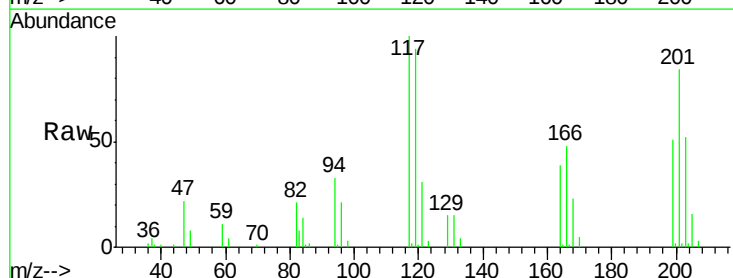
Tgt Ion:117 Resp: 46523

Ion Ratio Lower Upper

117 100

119 94.4 79.2 118.8

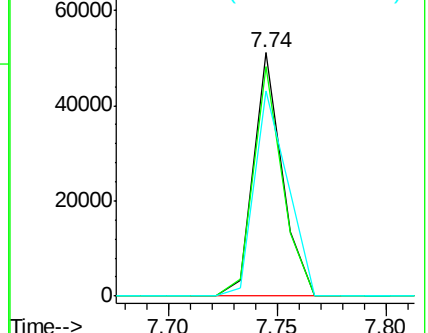
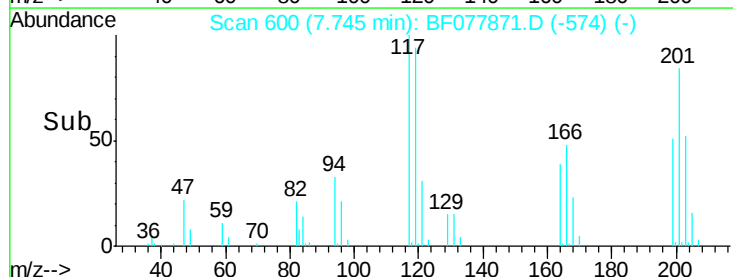
201 84.1 69.8 104.6

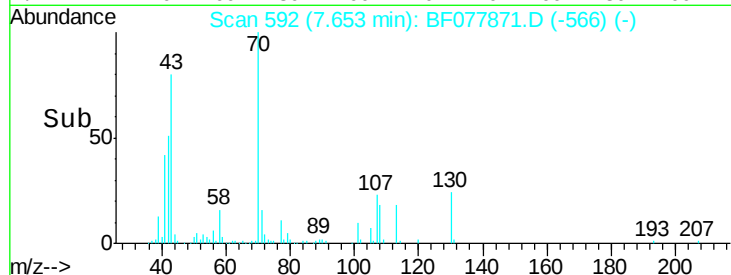
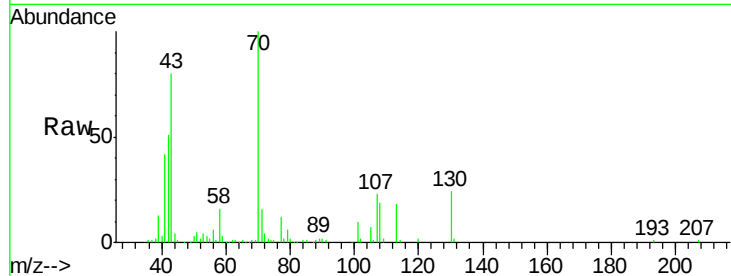
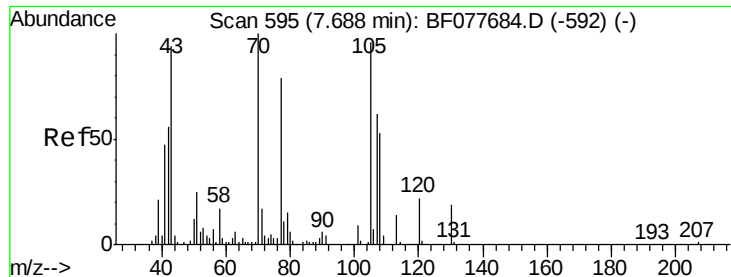


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

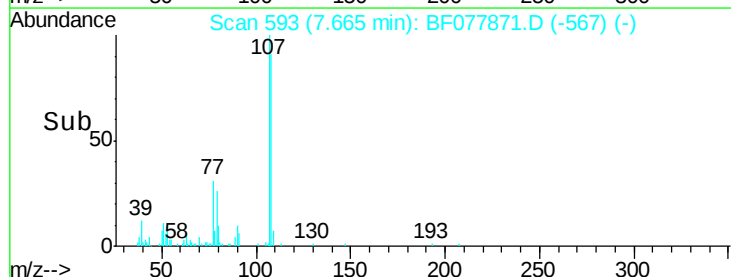
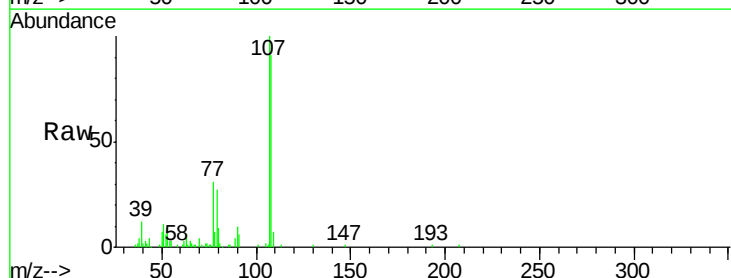
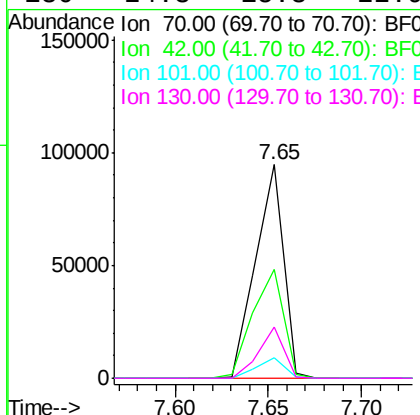




#19
n-Nitroso-di-n-propylamine
Concen: 41.28 ng
RT: 7.65 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

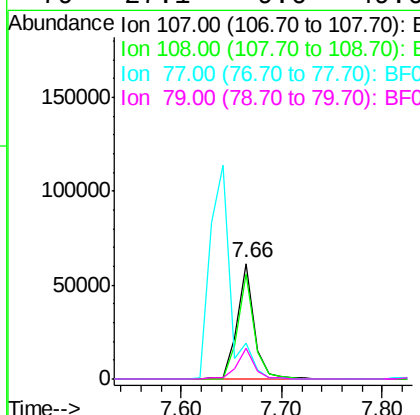
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

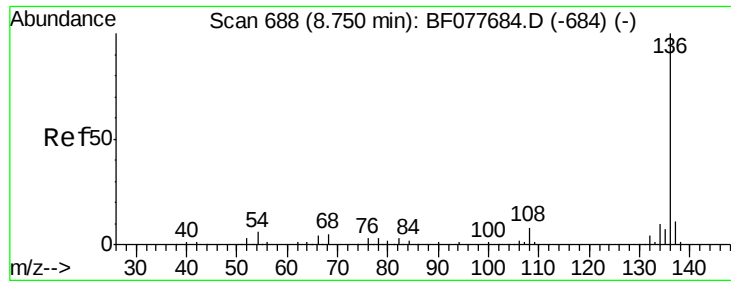
Tot Ion: 70 Resp: 98034
Ion Ratio Lower Upper
70 100
42 50.8 44.5 66.7
101 9.7 7.4 11.2
130 24.3 15.3 22.9#



#20
3+4-Methylphenols
Concen: 20.30 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion:107 Resp: 71739
Ion Ratio Lower Upper
107 100
108 91.3 73.2 113.2
77 31.1 10.7 50.7
79 27.1 9.6 49.6

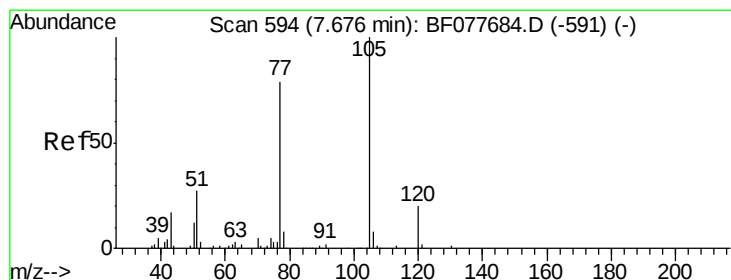
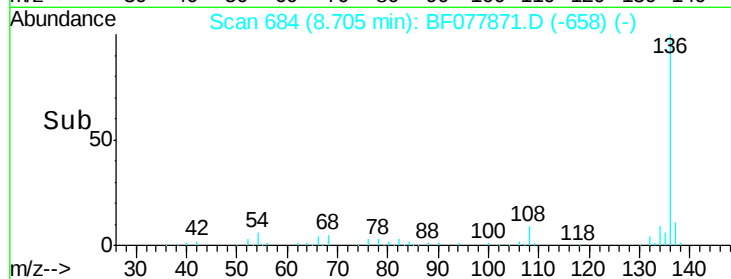
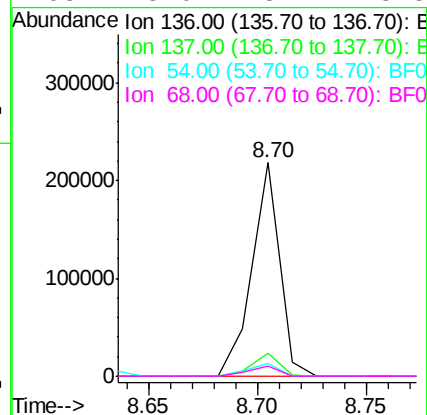
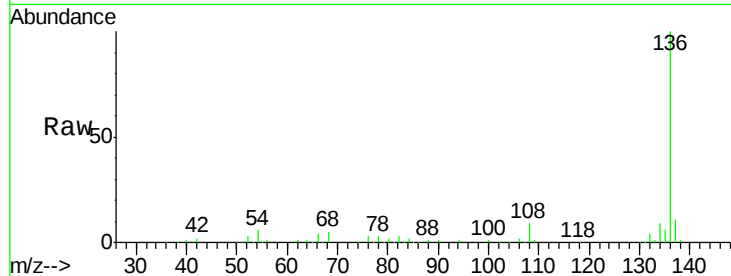




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

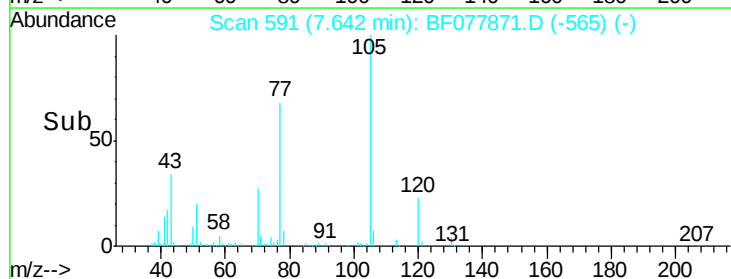
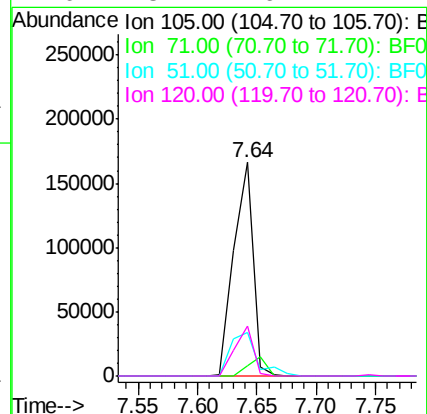
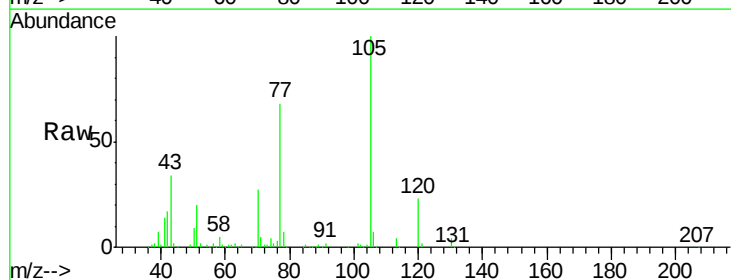
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

Tot Ion:136	Resp: 192845
Ion Ratio	Lower Upper
136 100	
137 10.6	8.7 13.1
54 6.2	4.6 6.8
68 5.0	3.7 5.5



#22
Acetophenone
Concen: 44.00 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion:105	Resp: 187841
Ion Ratio	Lower Upper
105 100	
71 4.8	0.6 1.0#
51 20.2	21.6 32.4#
120 23.2	16.1 24.1

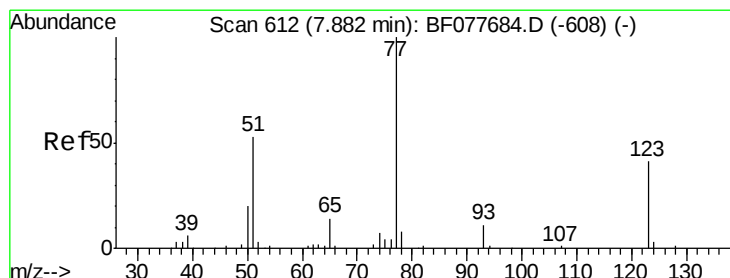
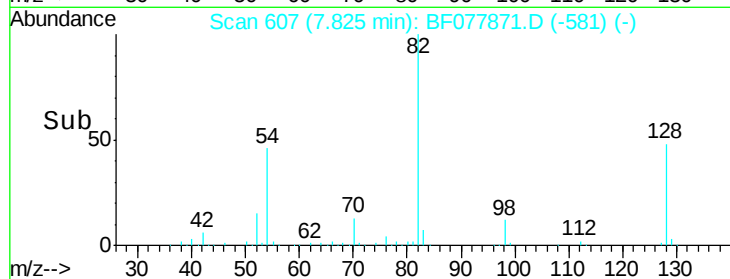
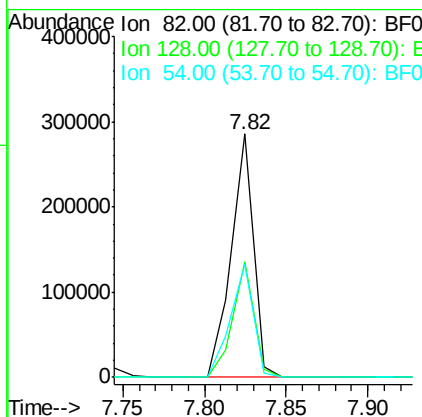
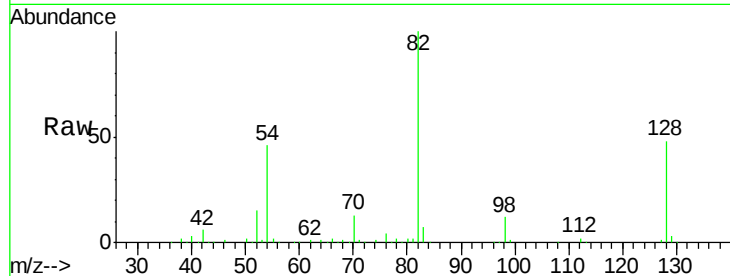




#23
 Nitrobenzene-d5
 Concen: 91.09 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

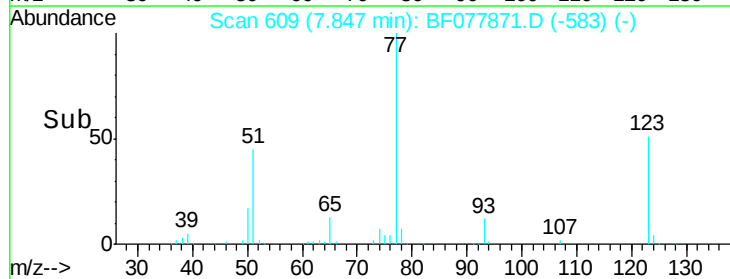
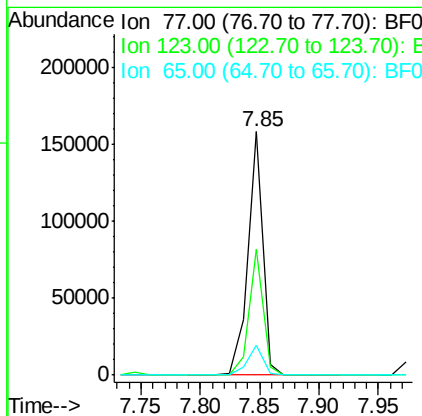
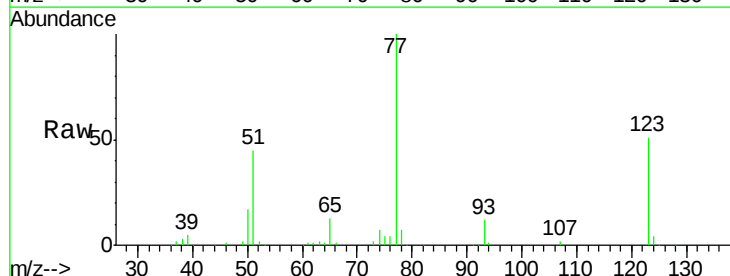
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

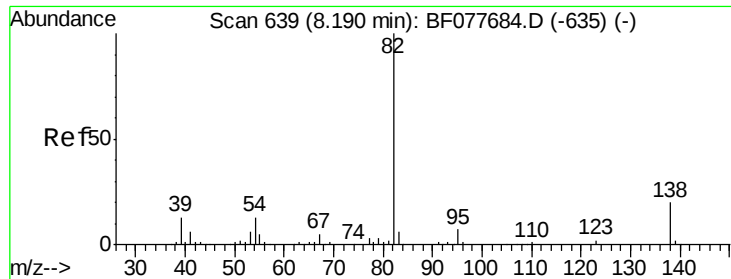
Tot Ion	82	Resp	267973
Ion Ratio	100	Lower	Upper
128	47.5	32.8	49.2
54	46.4	40.6	60.8



#24
 Nitrobenzene
 Concen: 43.98 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Tgt Ion	77	Resp	139377
Ion Ratio	100	Lower	Upper
123	51.5	32.6	49.0#
65	12.5	10.9	16.3





#25

Isophorone

Concen: 42.44 ng

RT: 8.14 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

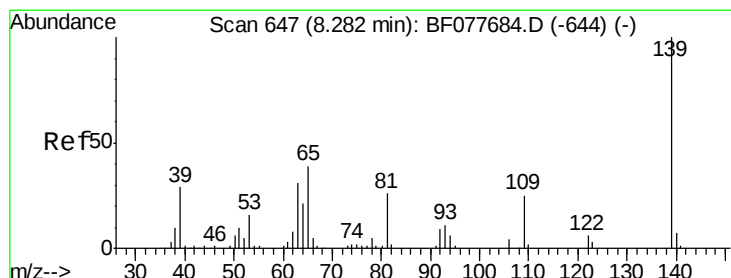
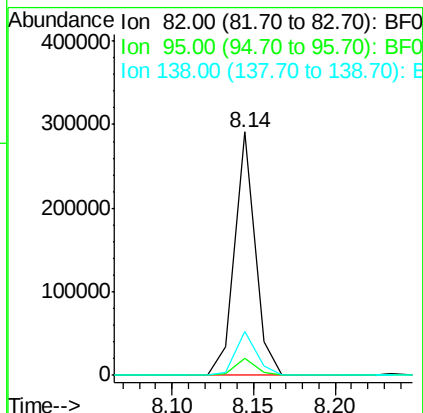
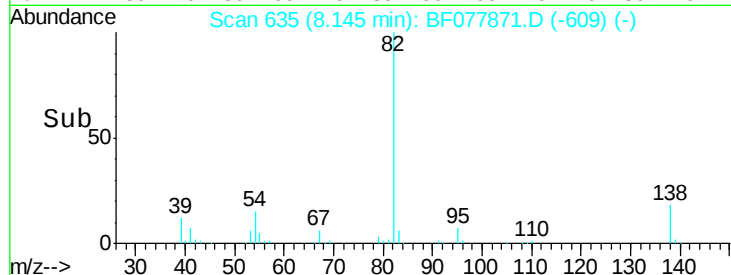
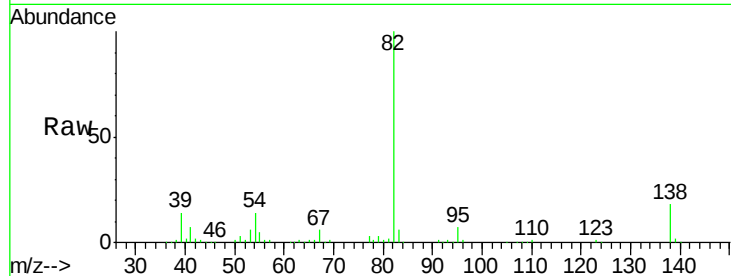
Tot Ion: 82 Resp: 252167

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.6

138 18.0 16.3 24.5



#26

2-Nitrophenol

Concen: 39.80 ng

RT: 8.24 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

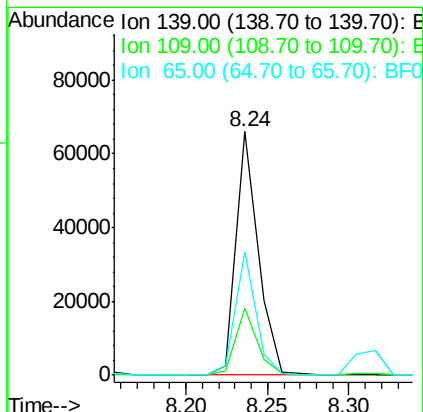
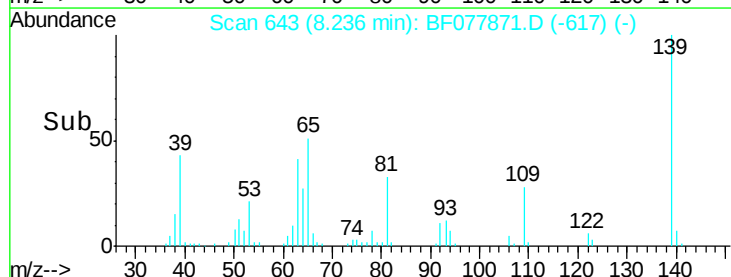
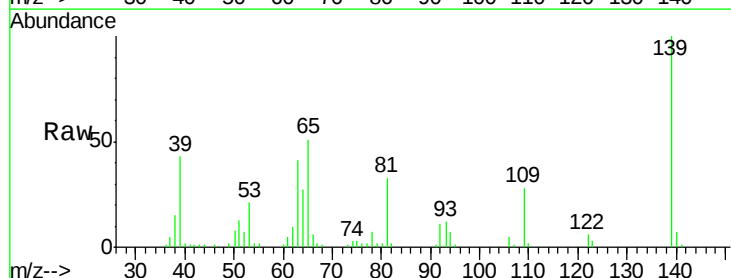
Tgt Ion: 139 Resp: 61753

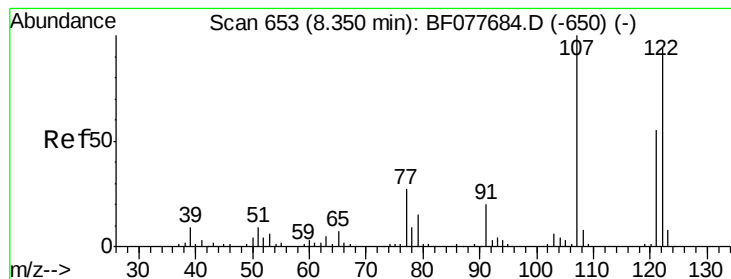
Ion Ratio Lower Upper

139 100

109 27.7 20.1 30.1

65 50.9 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 34.37 ng

RT: 8.32 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

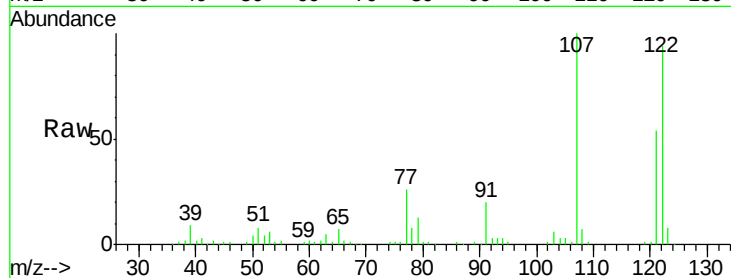
Tot Ion:122 Resp: 97168

Ion Ratio Lower Upper

122 100

107 105.9 84.7 127.1

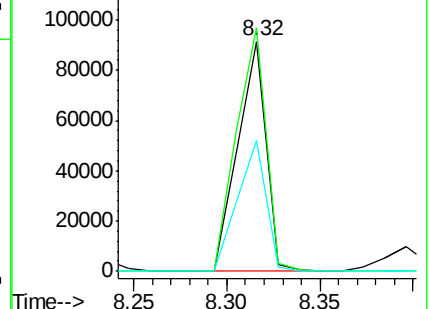
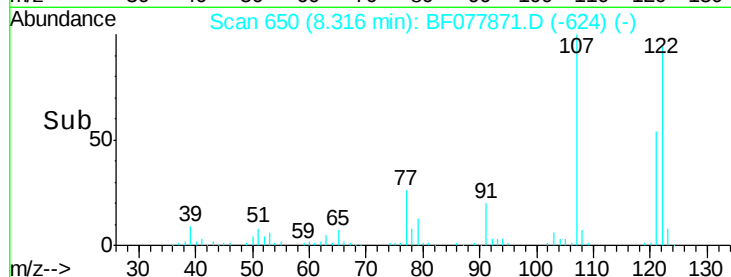
121 57.0 46.6 69.8



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: 45.44 ng

RT: 8.43 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

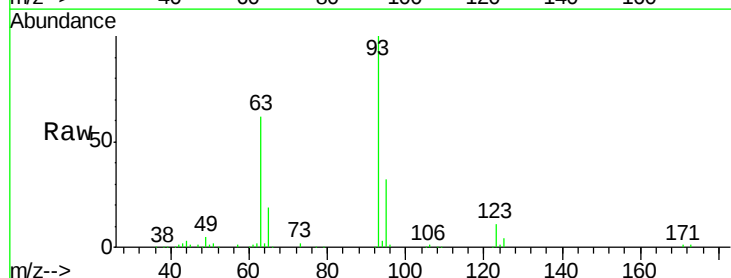
Tgt Ion: 93 Resp: 163873

Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

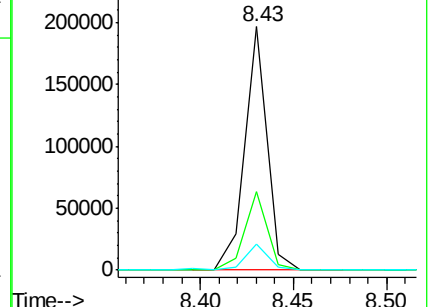
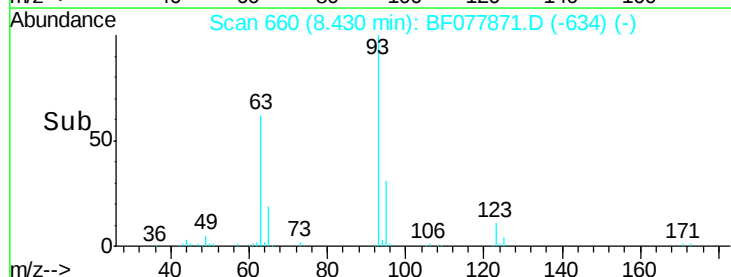
123 10.8 8.6 13.0

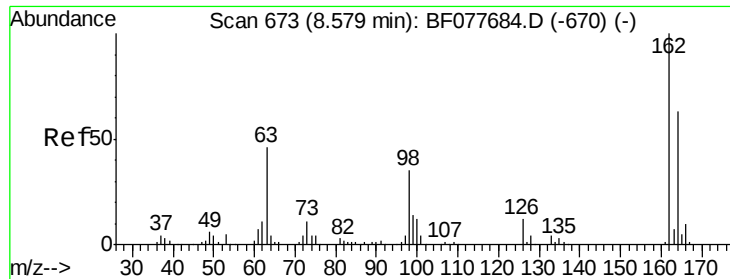


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

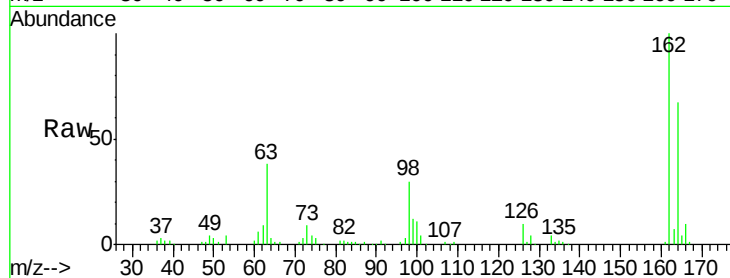




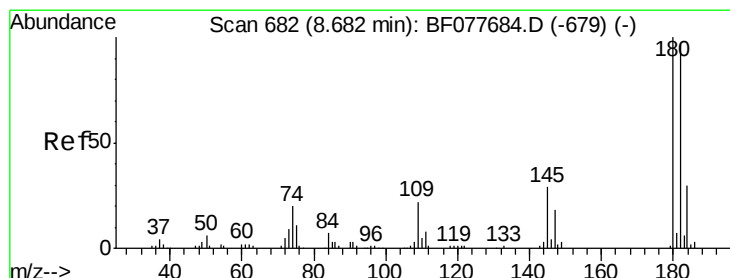
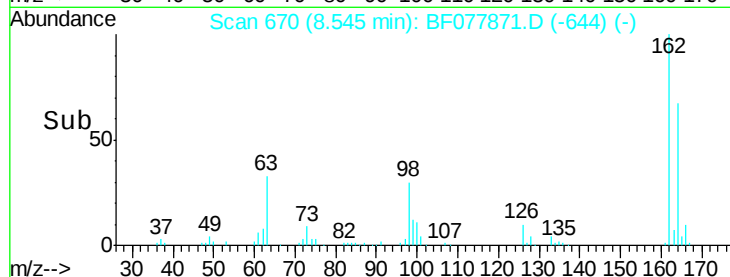
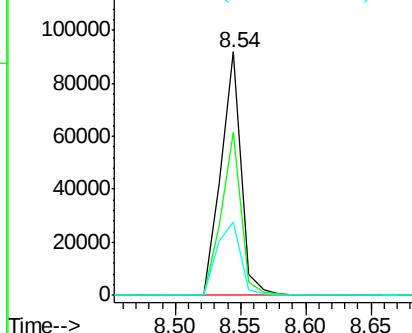
#29
 2,4-Dichlorophenol
 Concen: 36.94 ng
 RT: 8.54 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.9	42.8	82.8
98	30.2	14.5	54.5

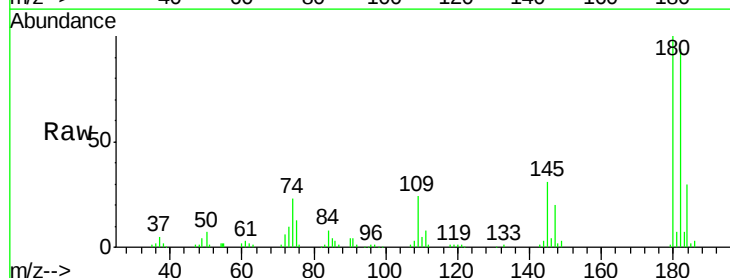


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

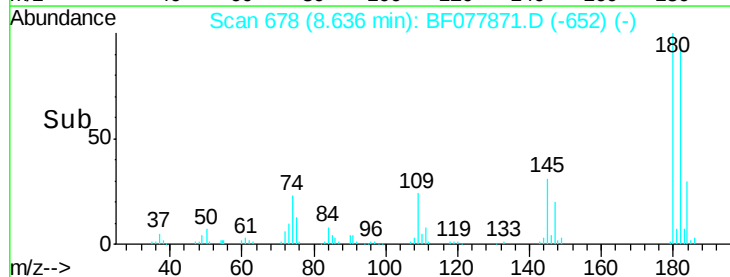
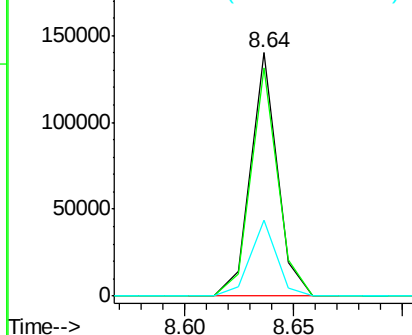


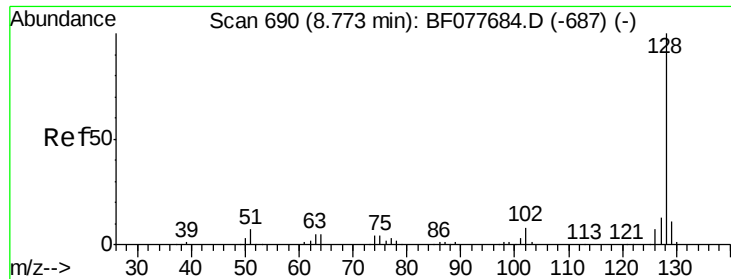
#30
 1,2,4-Trichlorobenzene
 Concen: 39.68 ng
 RT: 8.64 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.6	116.4
145	31.3	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

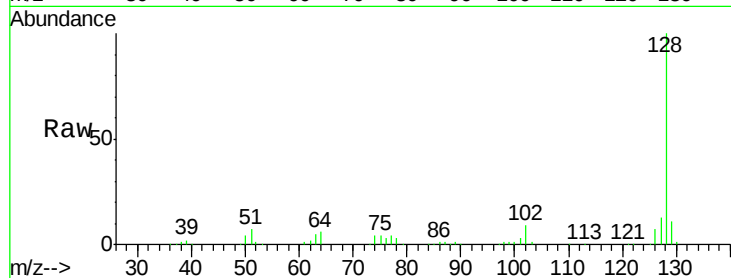




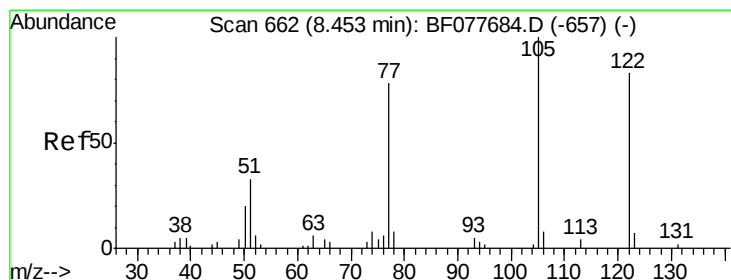
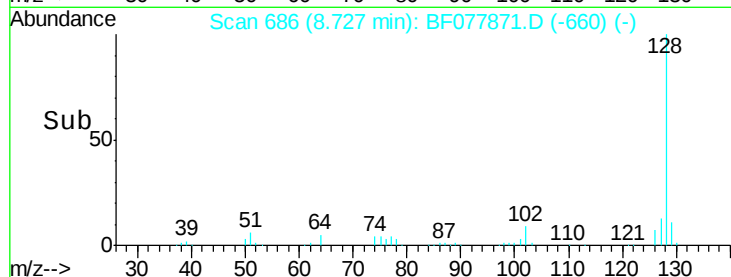
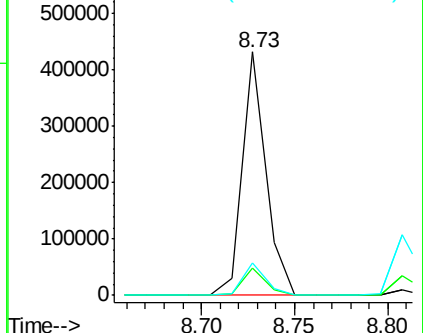
#31
Naphthalene
Concen: 38.76 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

Tot Ion:128 Resp: 383920
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.1 10.4 15.6

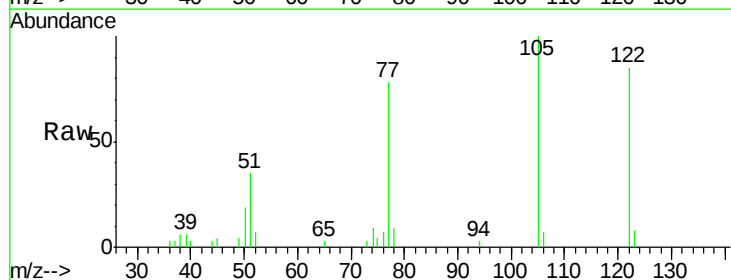


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

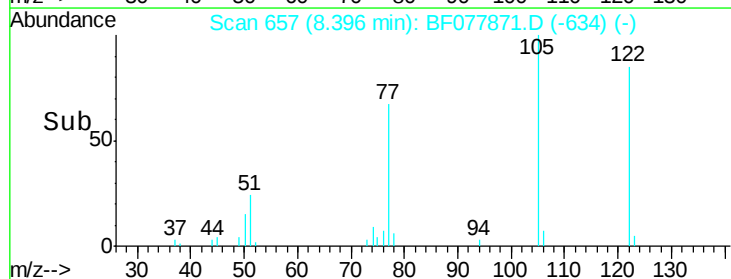
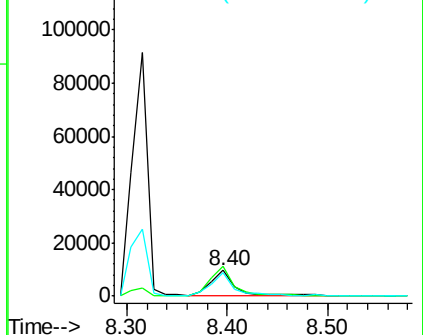


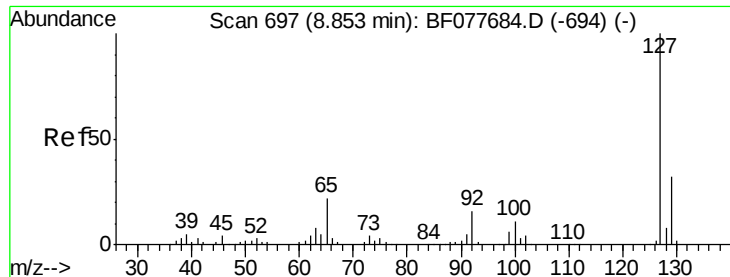
#32
Benzoic acid
Concen: 13.22 ng
RT: 8.40 min Scan# 657
Delta R.T. -0.03 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion:122 Resp: 17077
Ion Ratio Lower Upper
122 100
105 117.2 99.9 139.9
77 91.1 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

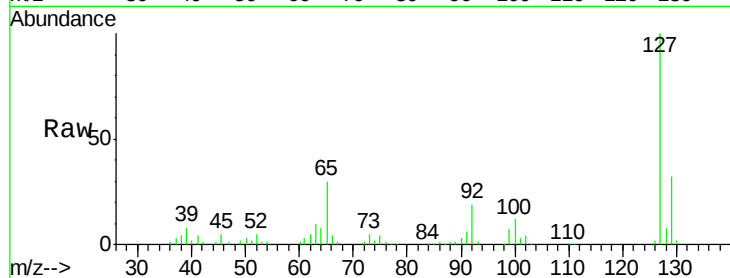




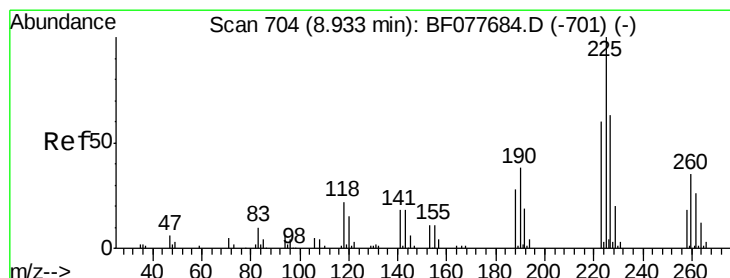
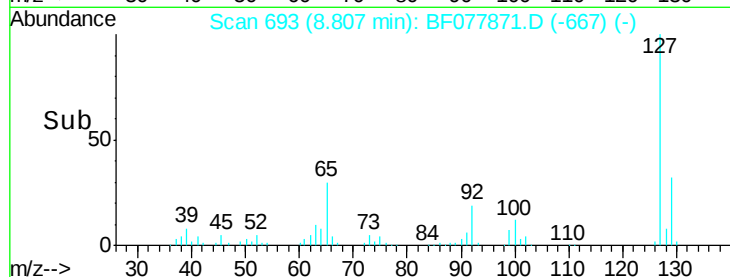
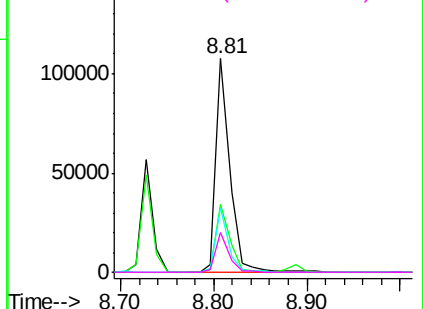
#33
4-Chloroaniline
Concen: 27.78 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

Tot Ion:	127	Resp:	111668
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.3	37.9
65	30.3	17.6	26.4
92	18.8	13.1	19.7

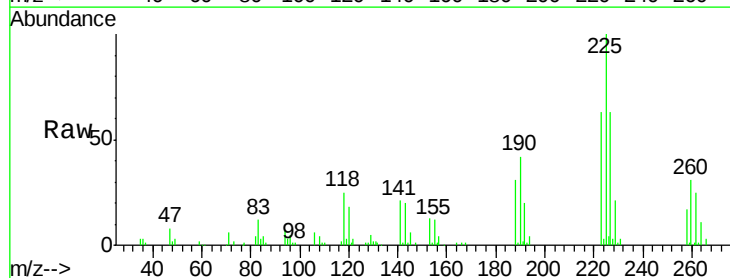


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

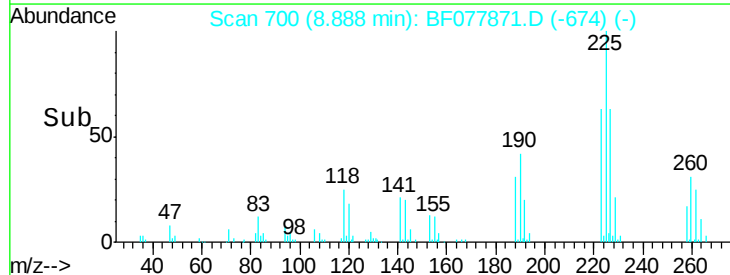
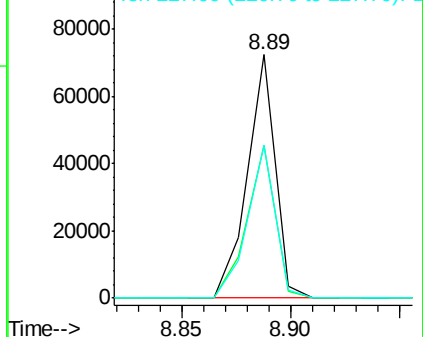


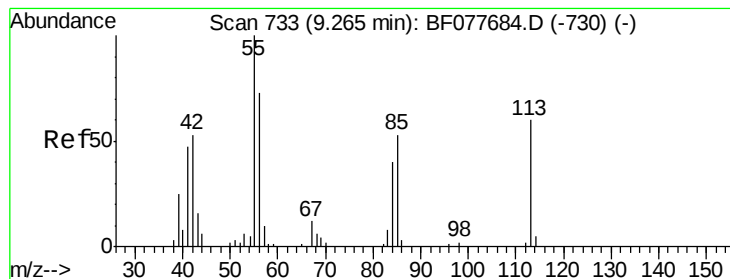
#34
Hexachlorobutadiene
Concen: 37.70 ng
RT: 8.89 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion:	225	Resp:	64414
Ion	Ratio	Lower	Upper
225	100		
223	62.7	47.9	71.9
227	62.8	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 4.32 ng

RT: 9.24 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

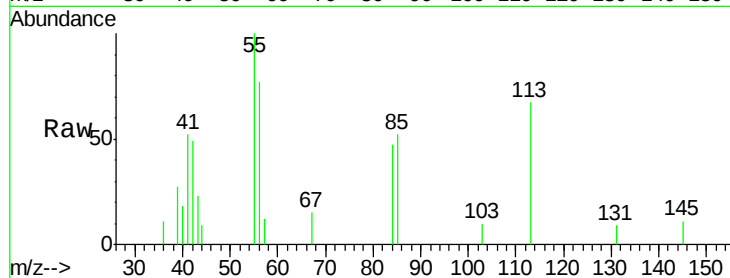
Tot Ion:113 Resp: 3401

Ion Ratio Lower Upper

113 100

55 148.8 145.9 185.9

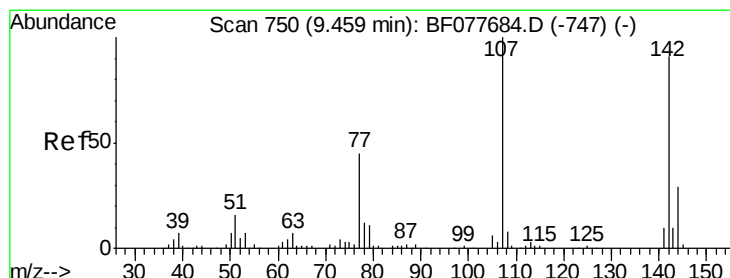
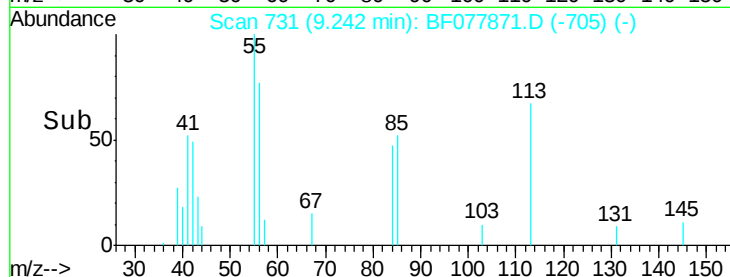
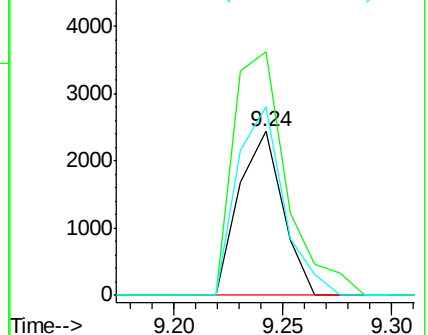
56 115.2 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 35.75 ng

RT: 9.42 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

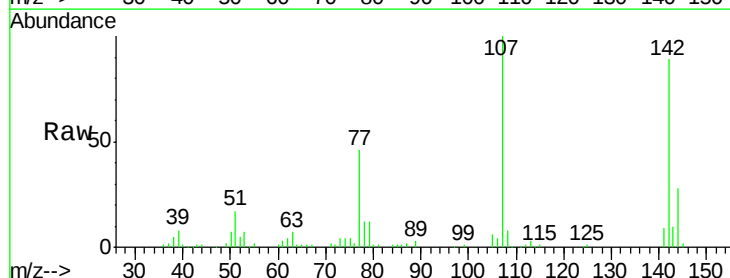
Tgt Ion:107 Resp: 96916

Ion Ratio Lower Upper

107 100

144 27.9 23.3 34.9

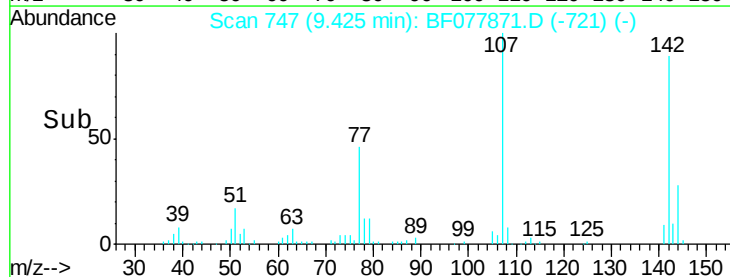
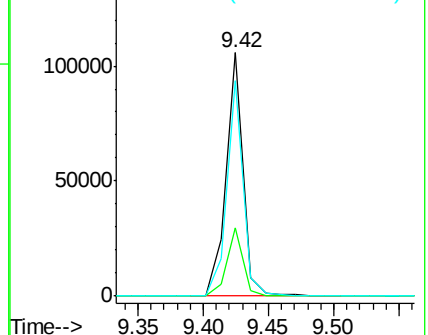
142 88.7 72.6 109.0

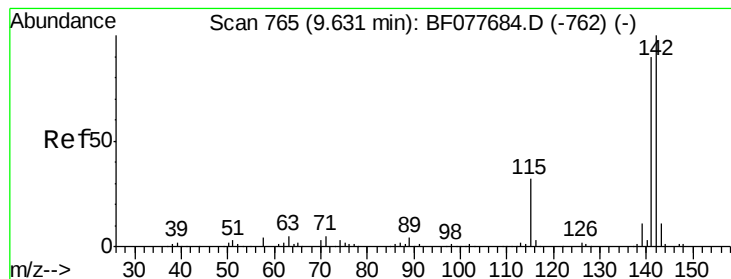


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.08 ng

RT: 9.58 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

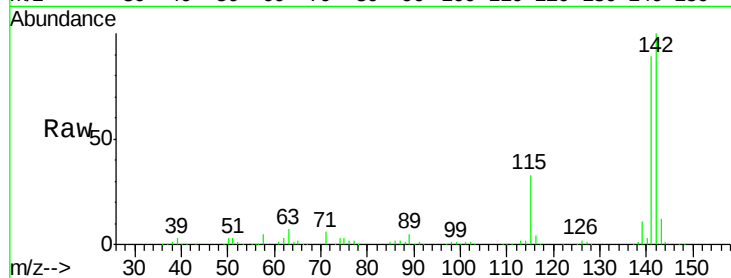
Tot Ion:142 Resp: 273321

Ion Ratio Lower Upper

142 100

141 89.4 71.9 107.9

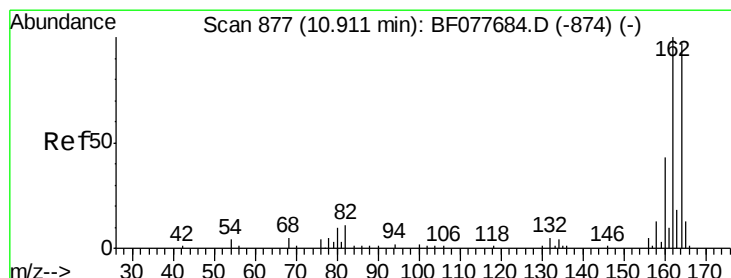
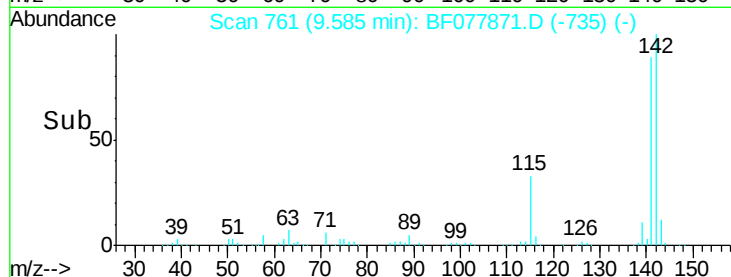
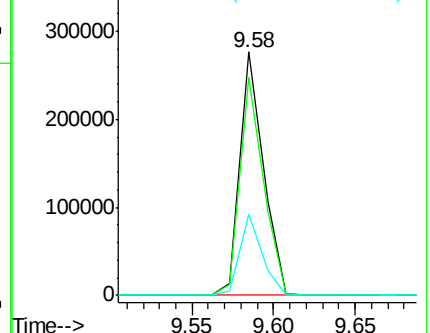
115 33.2 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

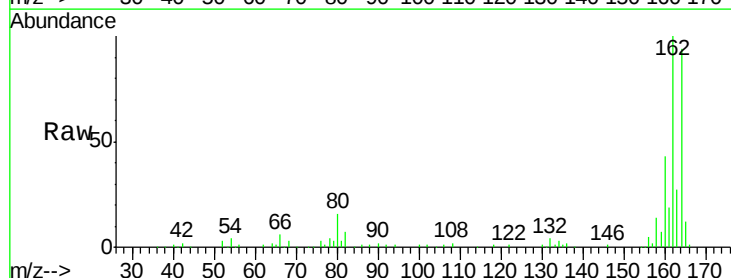
Tgt Ion:164 Resp: 98108

Ion Ratio Lower Upper

164 100

162 106.2 82.4 123.6

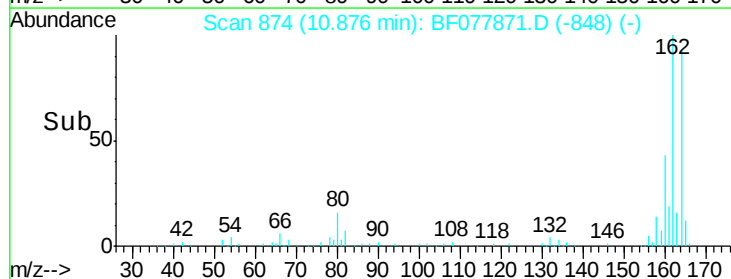
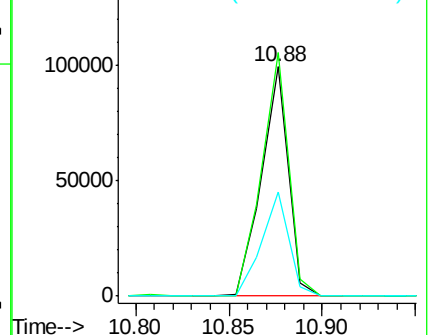
160 45.4 35.8 53.6

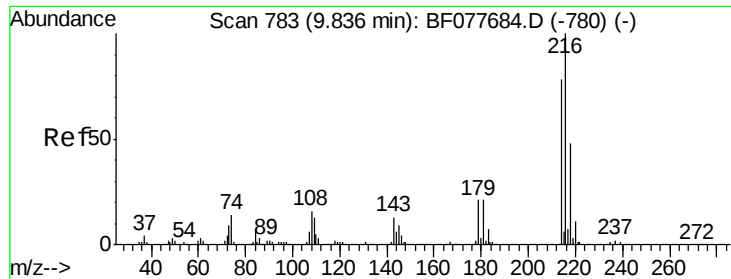


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

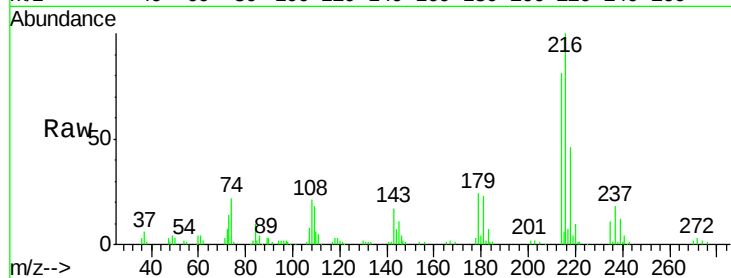




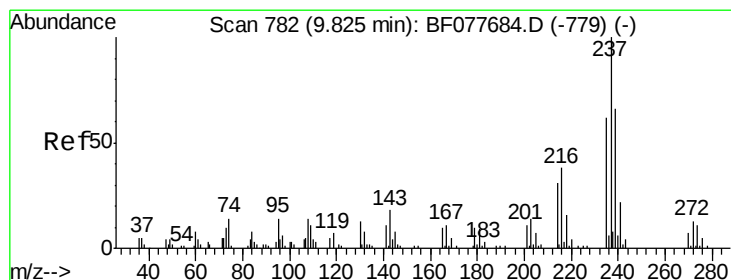
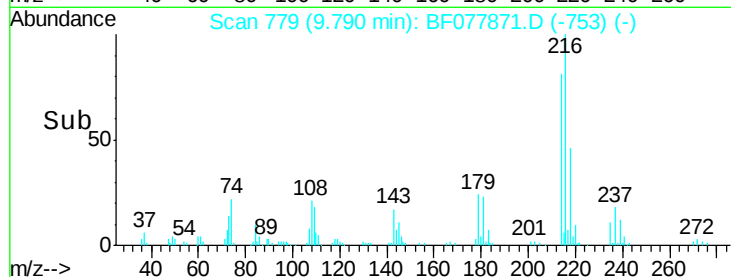
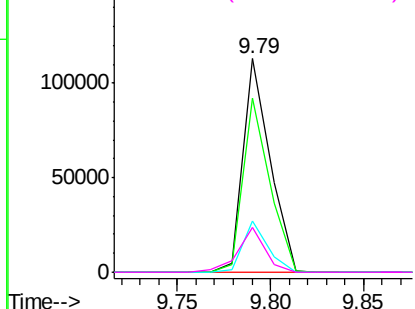
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.84 ng
 RT: 9.79 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Tot Ion:216	Resp:	113645
Ion Ratio	Lower	Upper
216	100	
214	80.1	0.0 0.0#
179	22.3	0.0 0.0#
108	21.3	0.0 0.0#

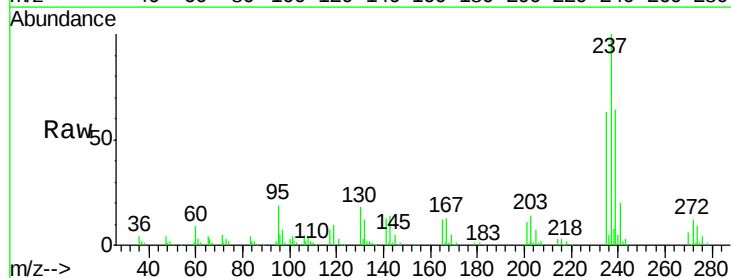


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

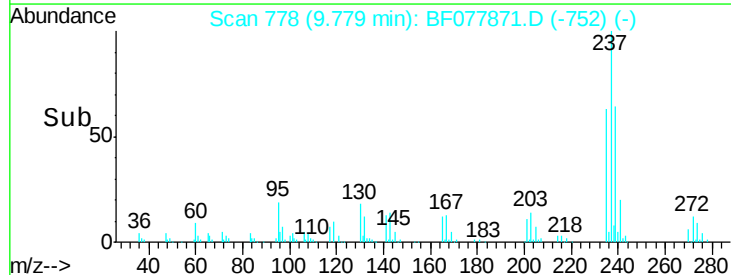
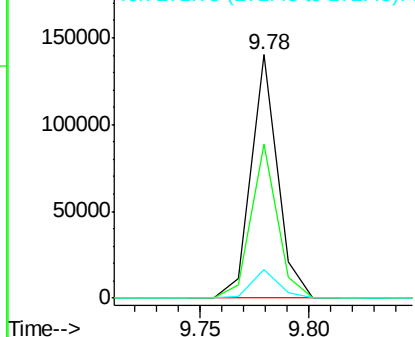


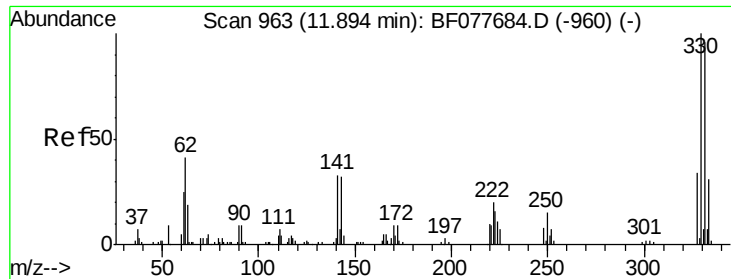
#40
 Hexachlorocyclopentadiene
 Concen: 80.52 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Tgt Ion:237	Resp:	117983
Ion Ratio	Lower	Upper
237	100	
235	63.0	42.0 82.0
272	11.8	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

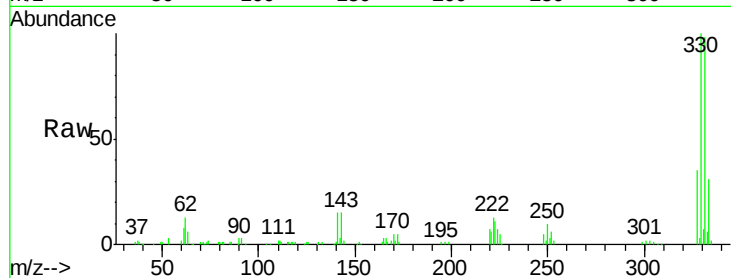




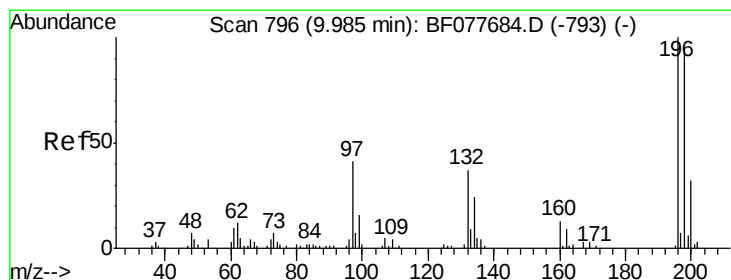
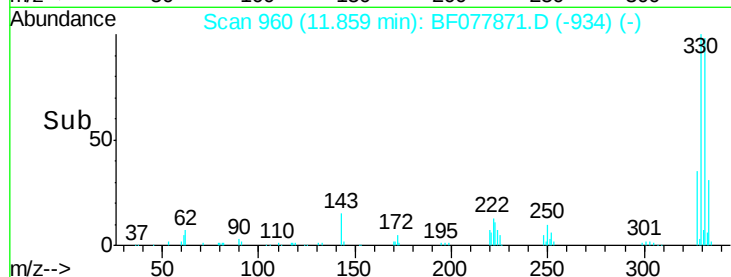
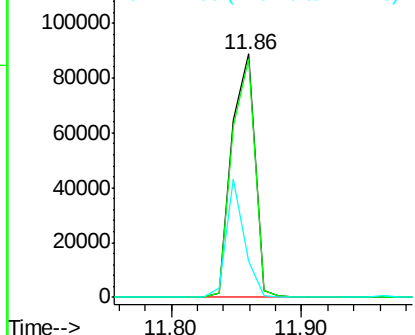
#41
 2,4,6-Tribromophenol
 Concen: 115.98 ng
 RT: 11.86 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	38.0	0.0	0.0#

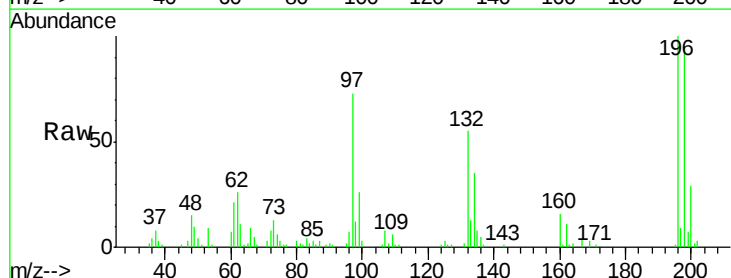


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

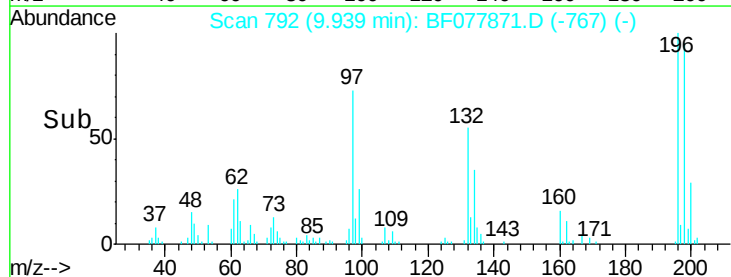
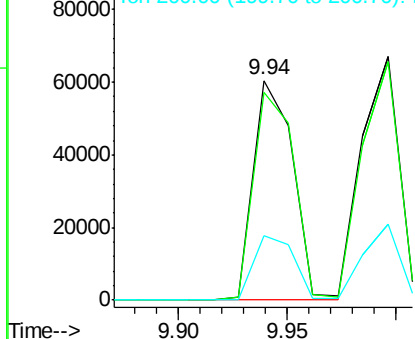


#42
 2,4,6-Trichlorophenol
 Concen: 37.89 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.3	114.5
200	29.2	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

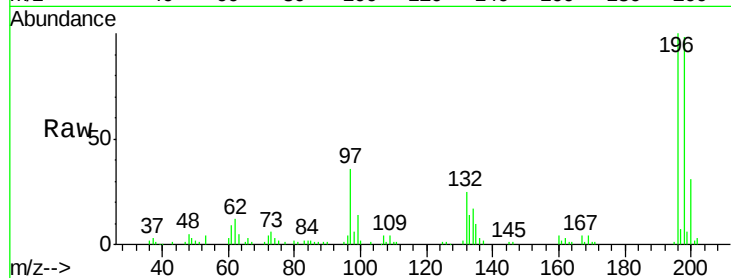




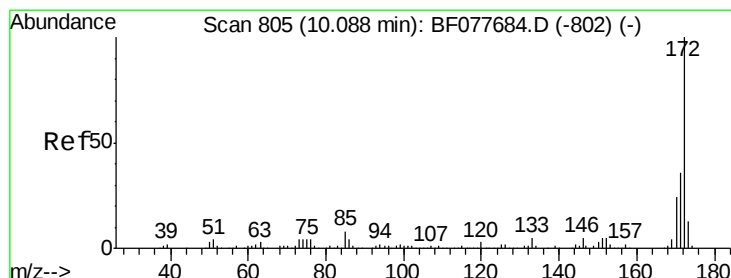
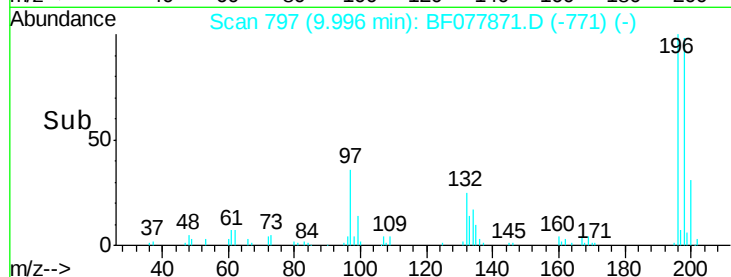
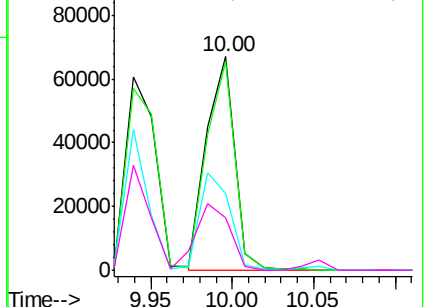
#43
 2,4,5-Trichlorophenol
 Concen: 37.33 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Tot Ion:196 Resp: 81748
 Ion Ratio Lower Upper
 196 100
 198 97.9 79.4 119.0
 97 36.0 26.8 40.2
 132 24.6 18.6 28.0

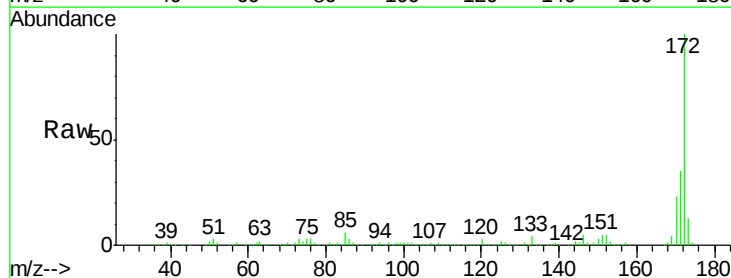


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

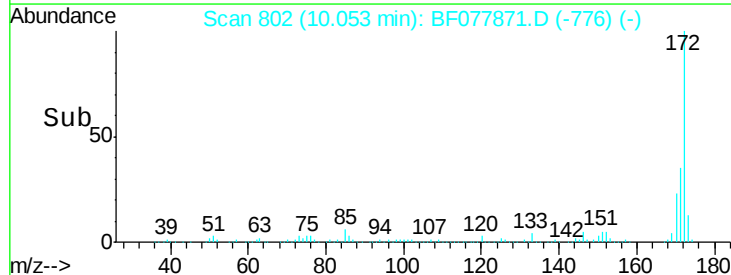
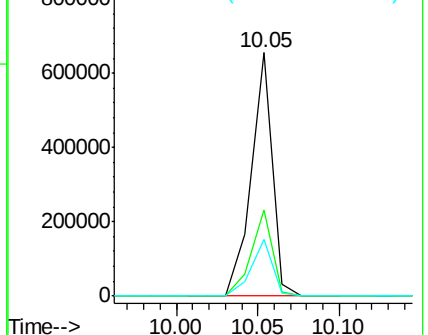


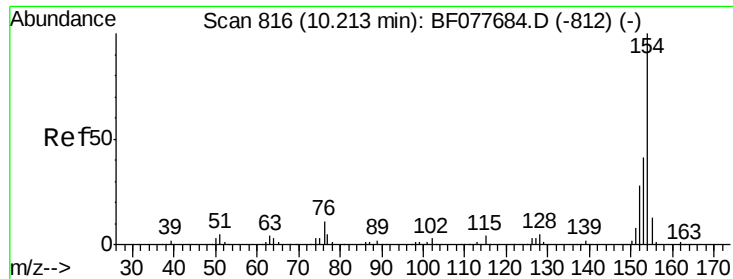
#44
 2-Fluorobiphenyl
 Concen: 87.86 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Tgt Ion:172 Resp: 586510
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.5 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

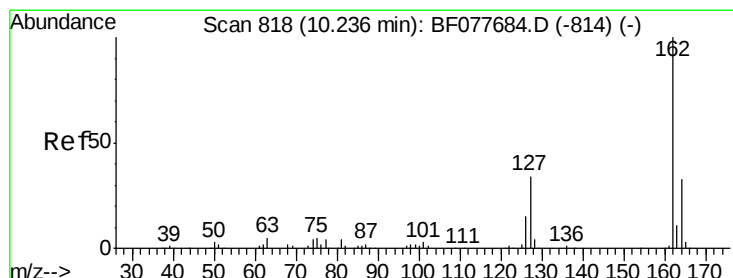
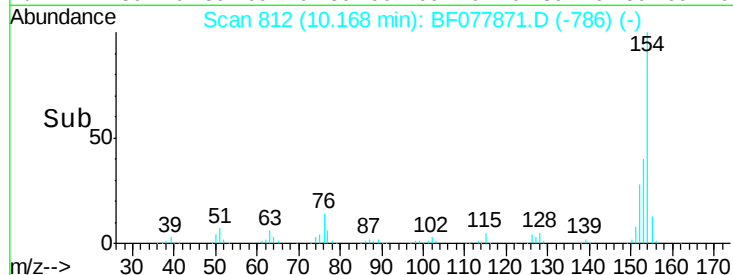
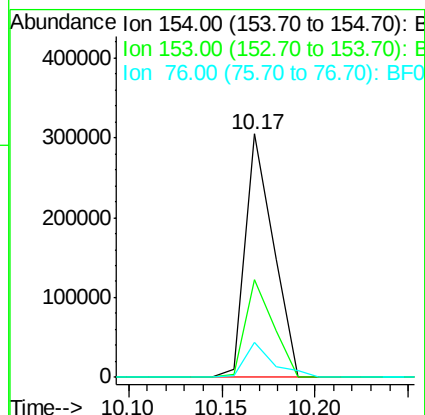
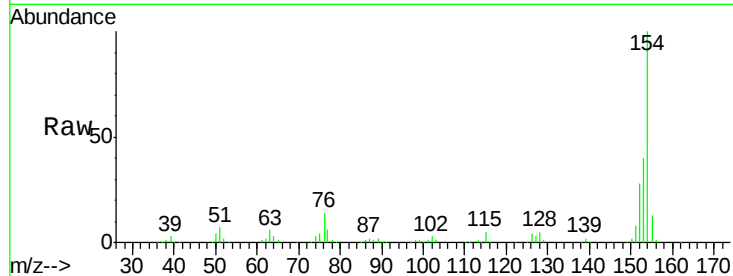




#45
1,1'-Biphenyl
Concen: 40.62 ng
RT: 10.17 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

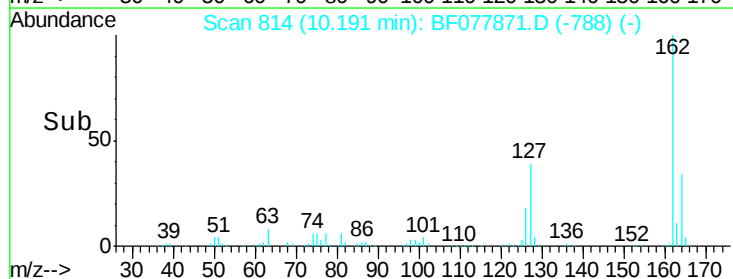
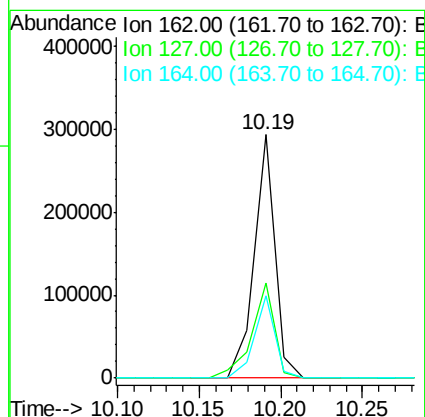
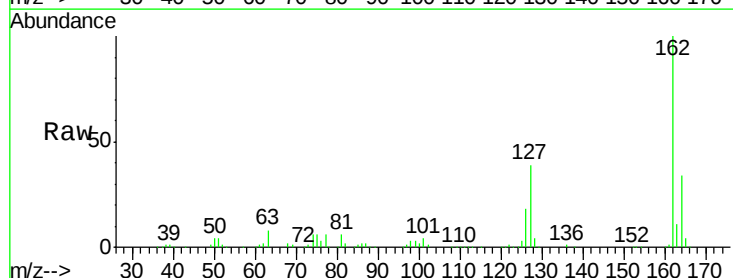
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

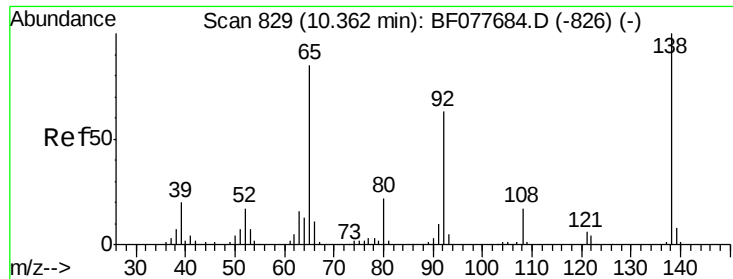
Tot Ion:154 Resp: 318550
Ion Ratio Lower Upper
154 100
153 40.1 20.7 60.7
76 14.3 0.0 30.9



#46
2-Chloronaphthalene
Concen: 40.68 ng
RT: 10.19 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion:162 Resp: 259268
Ion Ratio Lower Upper
162 100
127 39.1 26.9 40.3
164 33.6 26.8 40.2

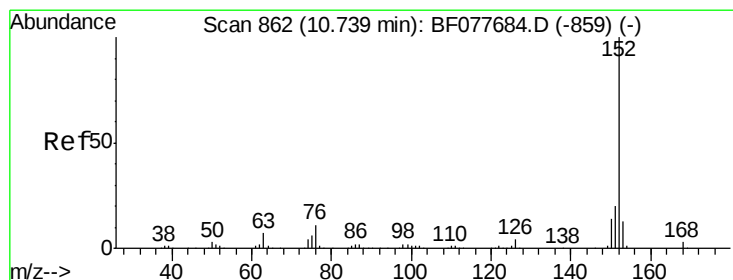
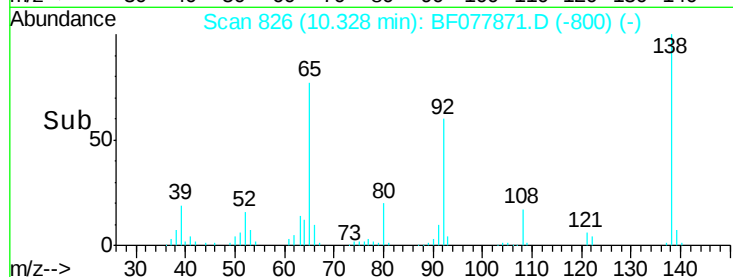
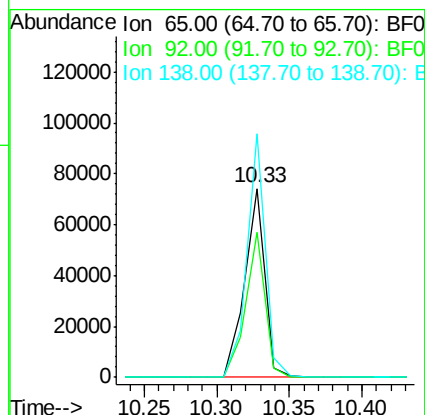
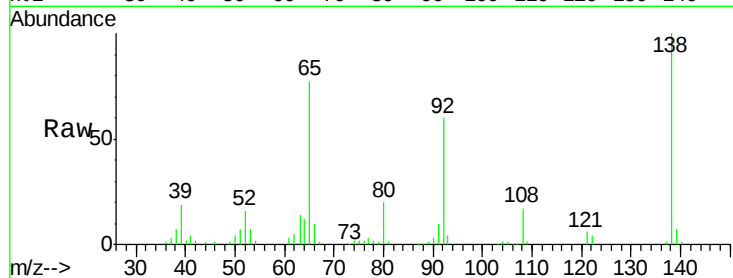




#47
2-Nitroaniline
Concen: 45.35 ng
RT: 10.33 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

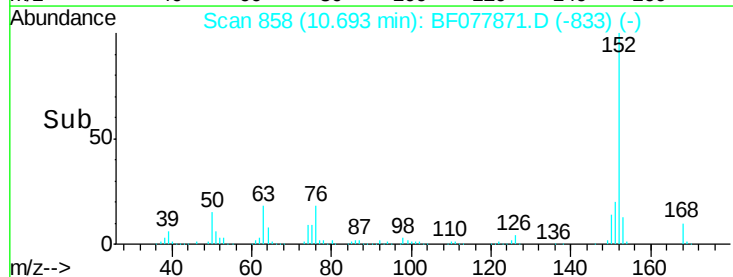
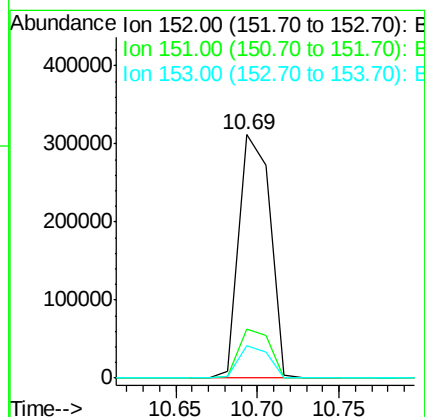
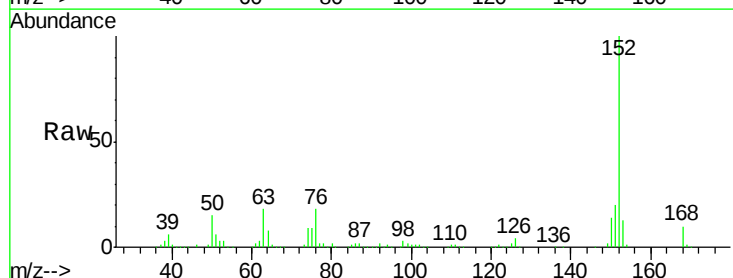
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

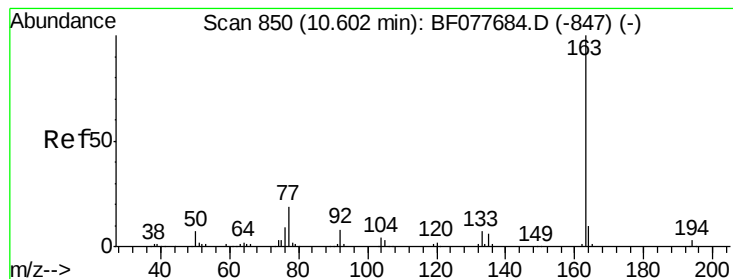
Tot Ion: 65 Resp: 71785
Ion Ratio Lower Upper
65 100
92 77.0 59.1 88.7
138 129.1 93.9 140.9



#48
Acenaphthylene
Concen: 38.78 ng
RT: 10.69 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion: 152 Resp: 411018
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.1 10.6 16.0





#49

Dimethylphthalate

Concen: 43.59 ng

RT: 10.57 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

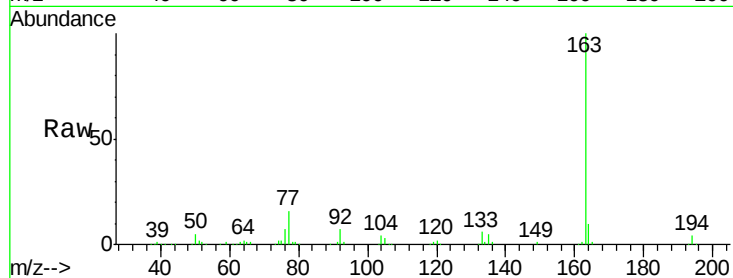
Tot Ion:163 Resp: 317181

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

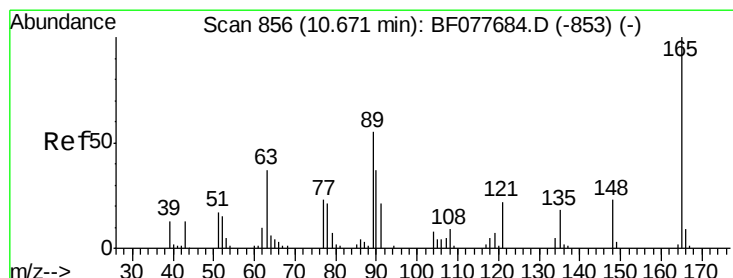
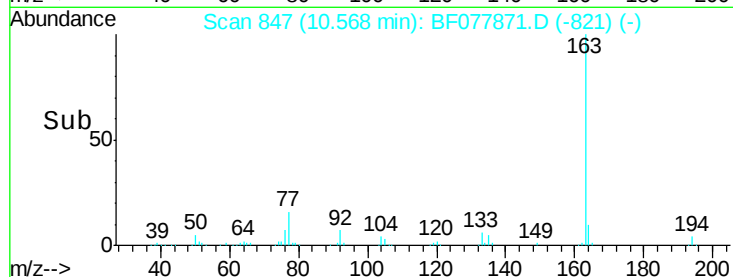
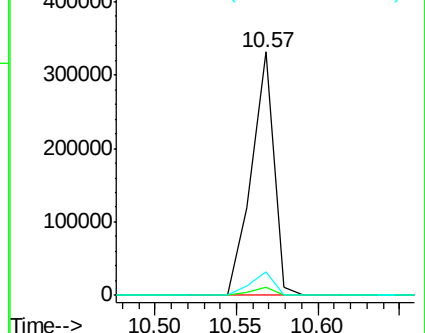
164 9.6 8.2 12.2



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: 46.32 ng

RT: 10.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

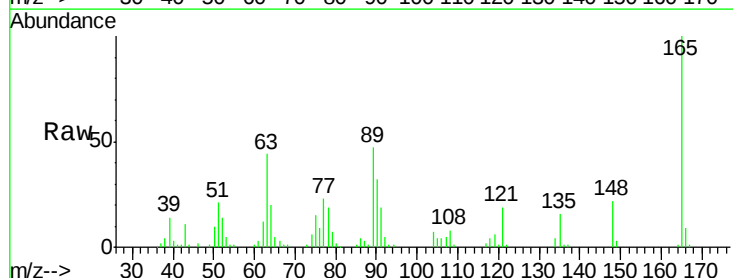
Tgt Ion:165 Resp: 69864

Ion Ratio Lower Upper

165 100

63 43.8 44.1 66.1#

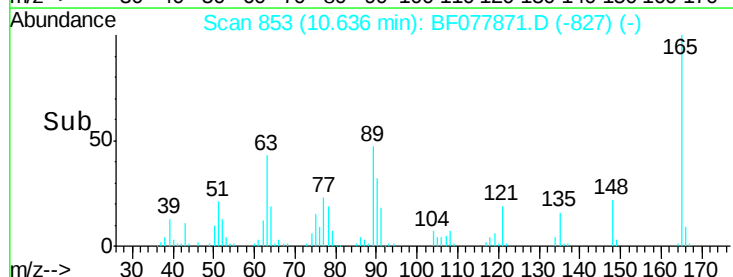
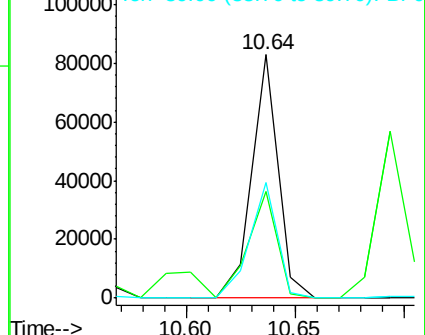
89 47.4 44.3 66.5



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: 38.47 ng

RT: 10.91 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

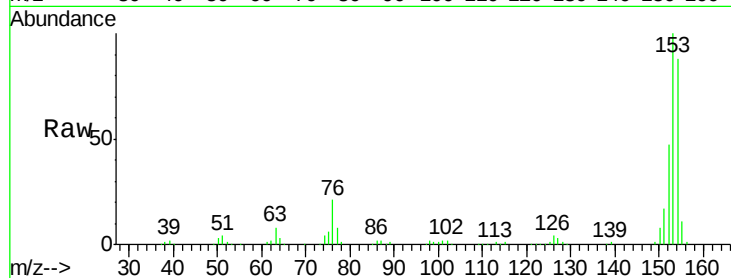
Tot Ion:154 Resp: 233772

Ion Ratio Lower Upper

154 100

153 113.0 90.0 135.0

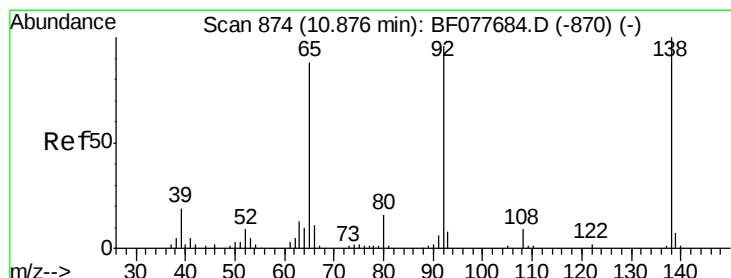
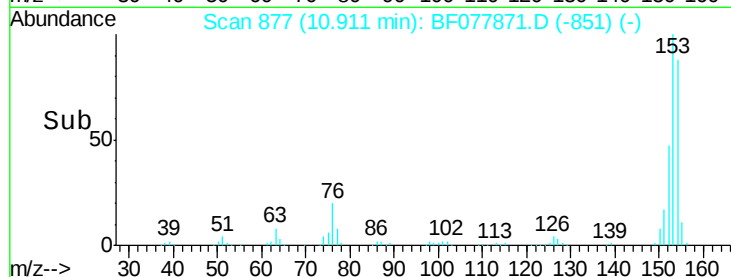
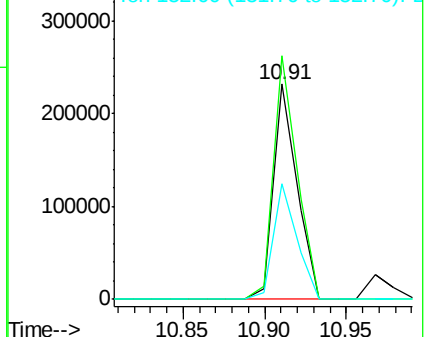
152 53.5 42.6 63.8



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: 32.52 ng

RT: 10.84 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

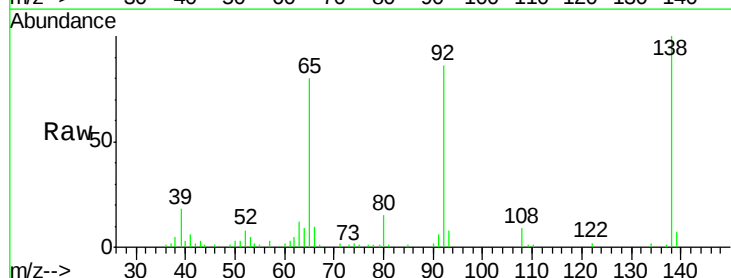
Tgt Ion:138 Resp: 56969

Ion Ratio Lower Upper

138 100

108 9.2 7.3 10.9

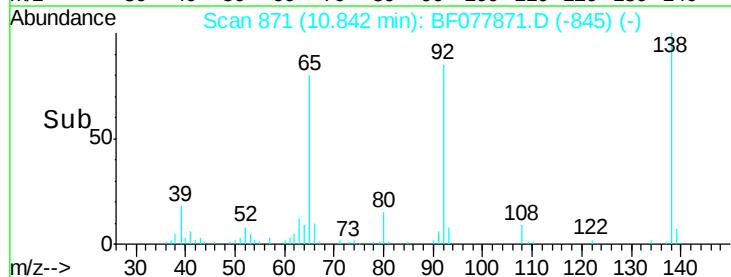
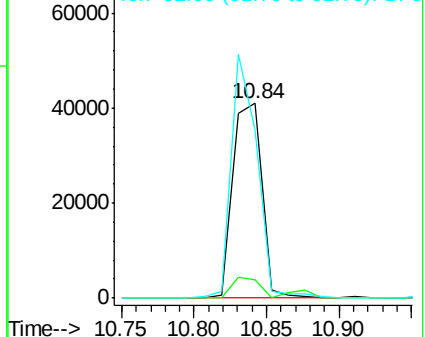
92 86.1 76.6 114.8

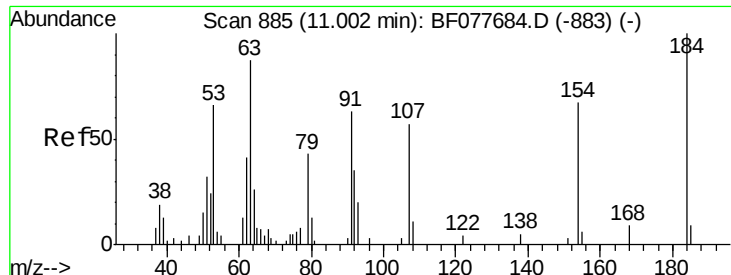


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

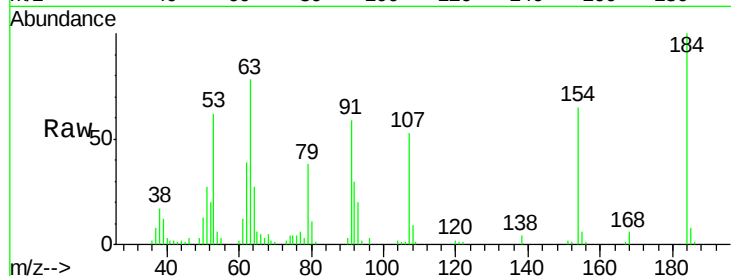




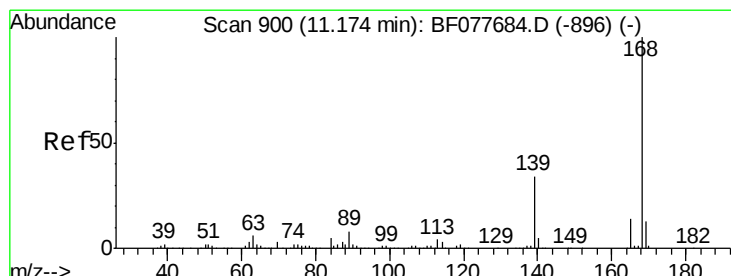
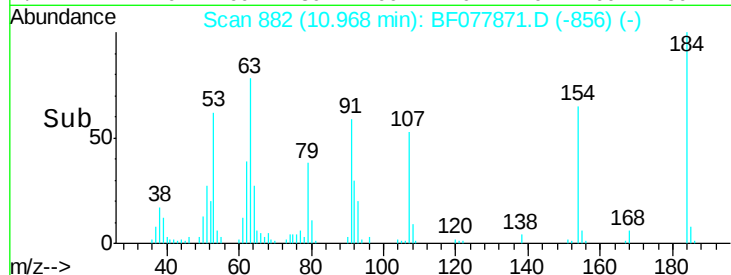
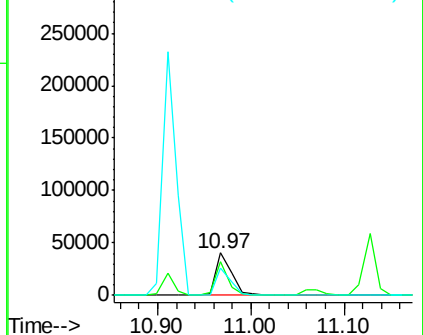
#53
2,4-Dinitrophenol
Concen: 85.42 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

Tot Ion:184 Resp: 47672
Ion Ratio Lower Upper
184 100
63 78.3 69.2 103.8
154 65.1 53.3 79.9

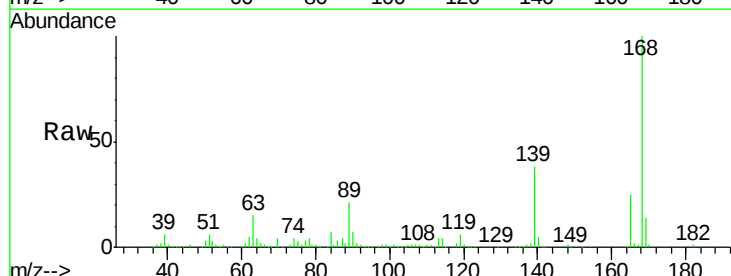


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

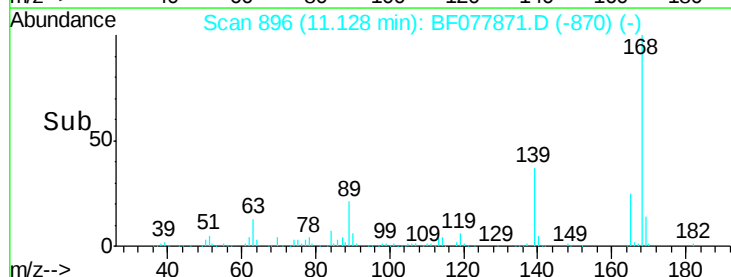
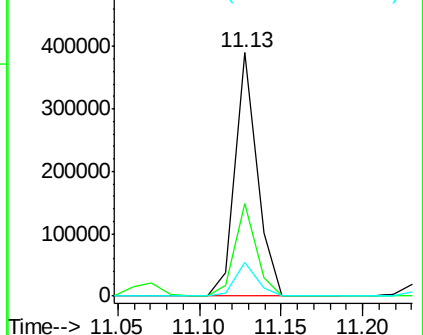


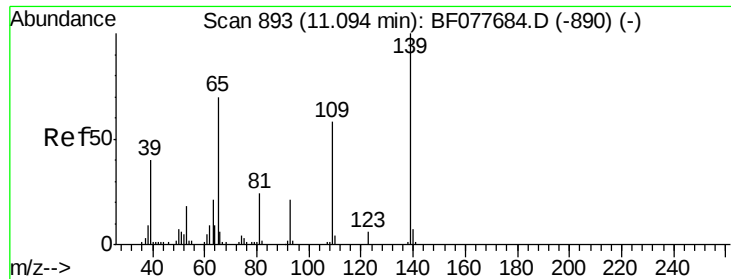
#54
Dibenzofuran
Concen: 40.43 ng
RT: 11.13 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion:168 Resp: 364434
Ion Ratio Lower Upper
168 100
139 38.1 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: 22.71 ng

RT: 11.07 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

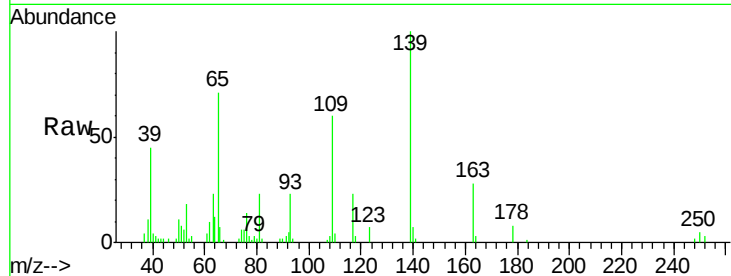
Tot Ion:139 Resp: 29469

Ion Ratio Lower Upper

139 100

109 59.8 37.7 77.7

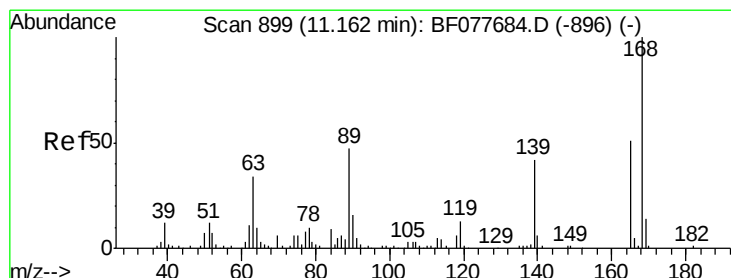
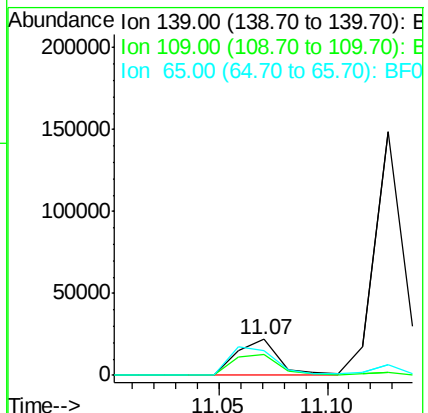
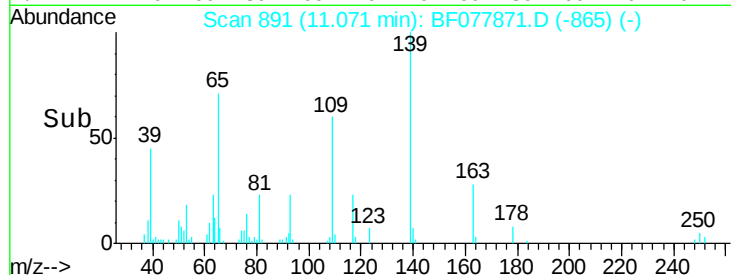
65 70.5 49.9 89.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.12 ng

RT: 11.13 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Tgt Ion:165 Resp: 88742

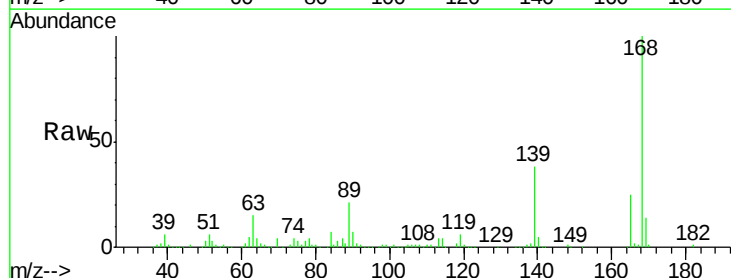
Ion Ratio Lower Upper

165 100

63 59.9 52.4 78.6

89 82.0 72.4 108.6

182 2.2 2.0 3.0

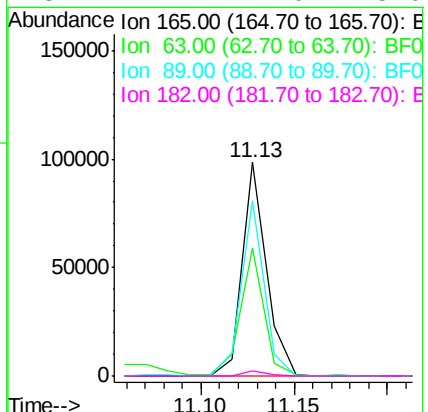
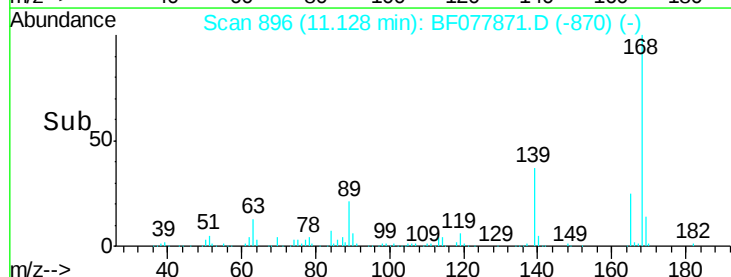


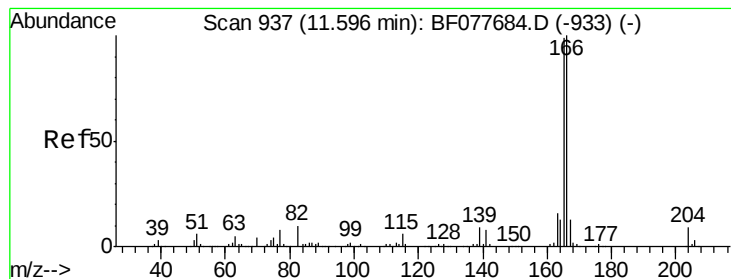
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.31 ng

RT: 11.55 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

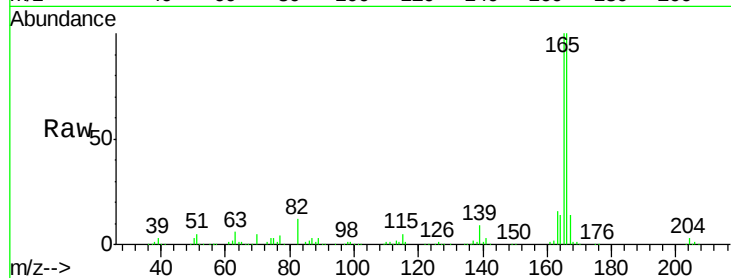
Tot Ion:166 Resp: 294169

Ion Ratio Lower Upper

166 100

165 99.8 79.0 118.4

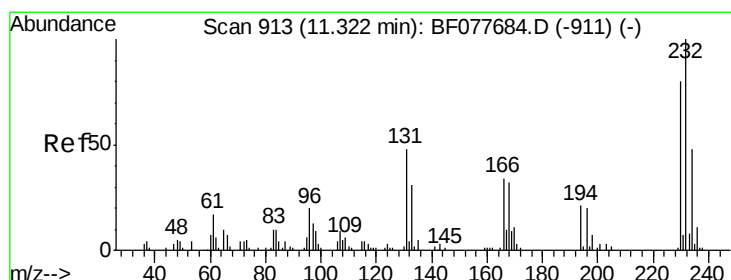
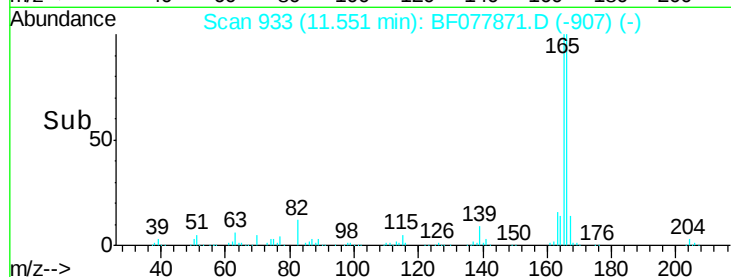
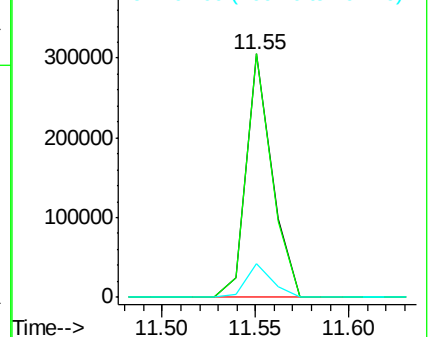
167 13.9 10.3 15.5



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: 41.47 ng

RT: 11.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Tgt Ion:232 Resp: 69917

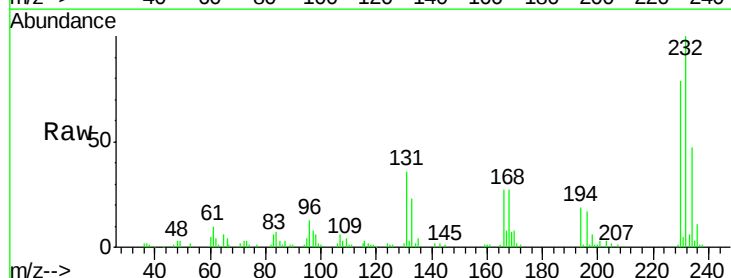
Ion Ratio Lower Upper

232 100

131 44.9 0.0 0.0#

130 2.2 0.0 0.0#

166 30.4 0.0 0.0#

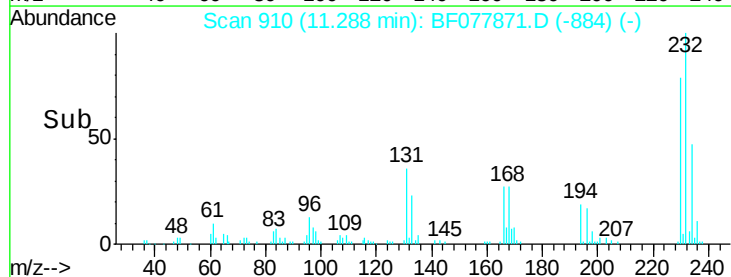
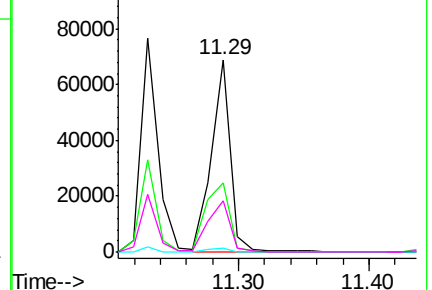


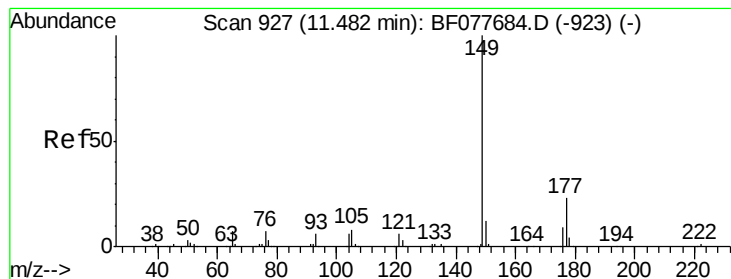
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.40 ng

RT: 11.44 min Scan# 923

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

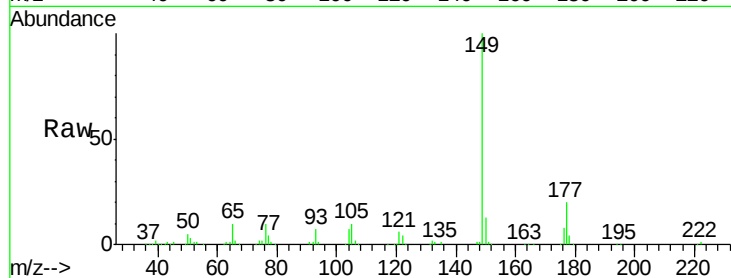
Tot Ion:149 Resp: 300585

Ion Ratio Lower Upper

149 100

177 20.4 18.3 27.5

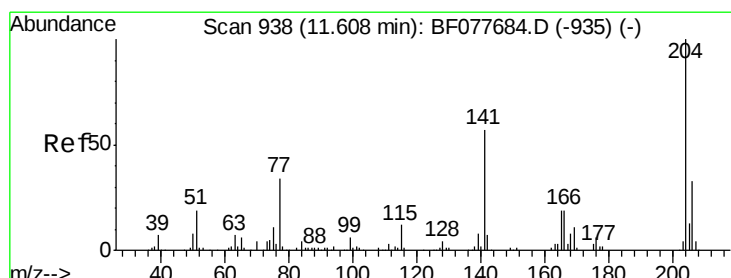
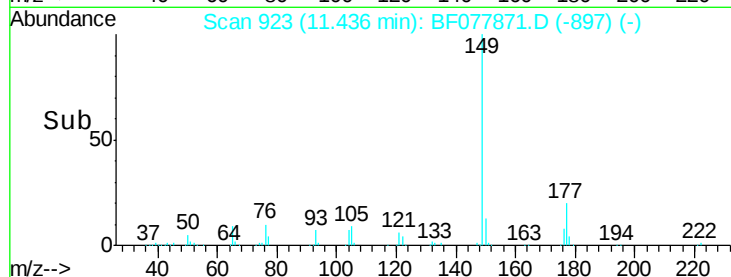
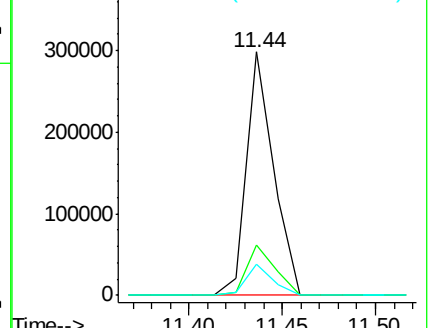
150 12.7 9.8 14.8



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: 41.23 ng

RT: 11.56 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

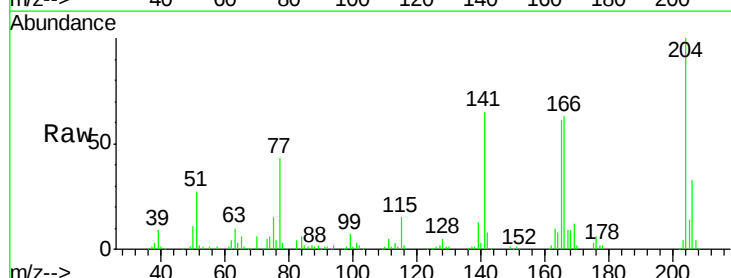
Tgt Ion:204 Resp: 140810

Ion Ratio Lower Upper

204 100

206 33.0 26.6 39.8

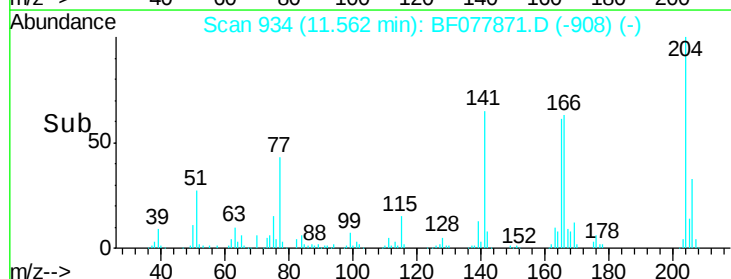
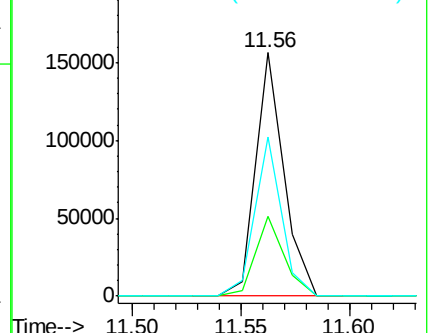
141 65.5 45.2 67.8

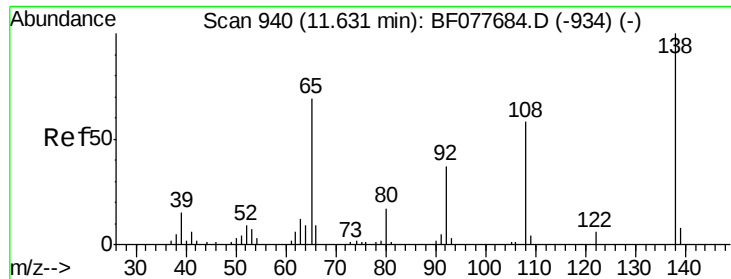


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

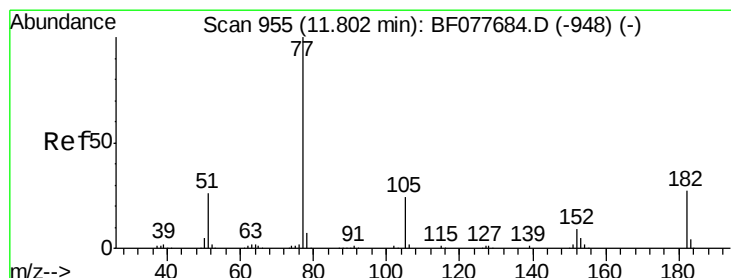
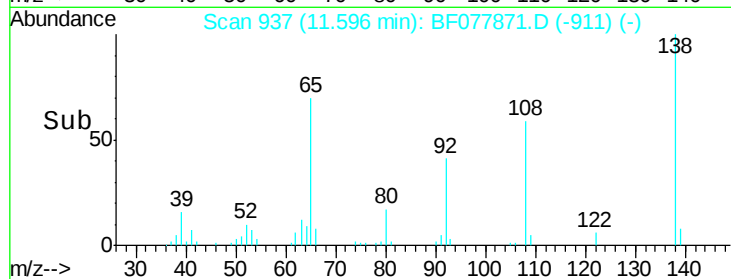
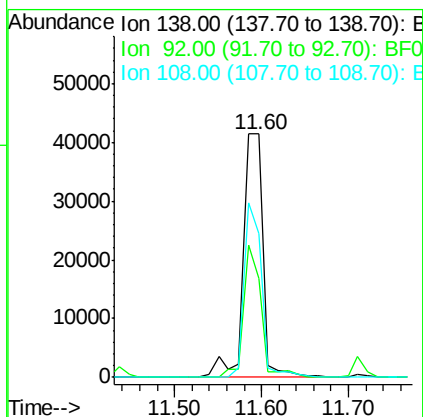
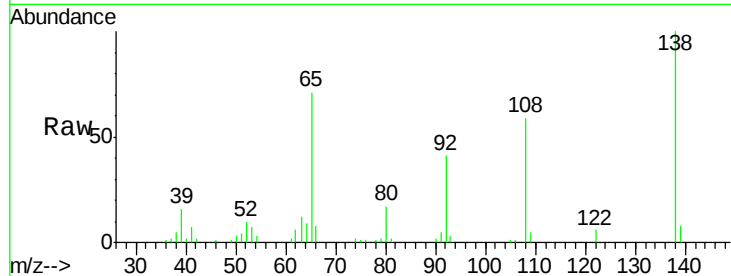




#61
4-Nitroaniline
Concen: 37.78 ng
RT: 11.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

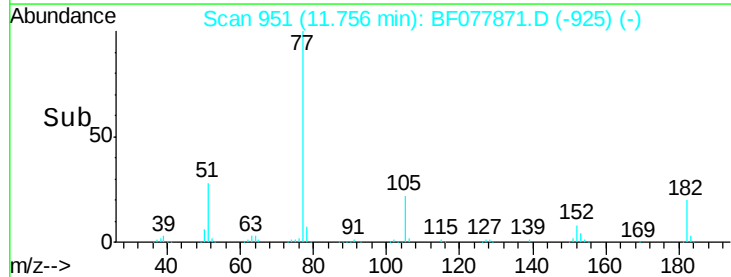
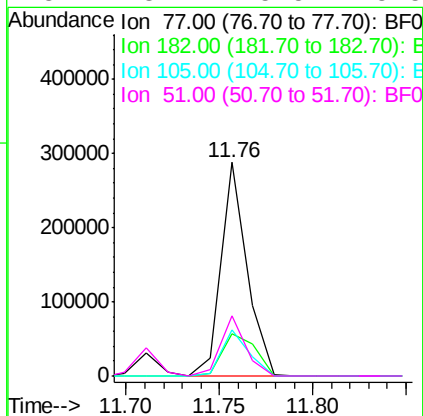
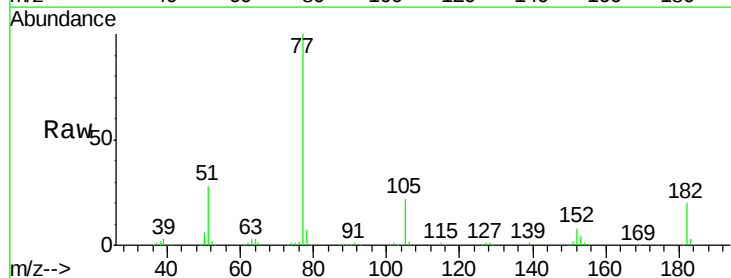
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

Tot Ion:138 Resp: 65960
Ion Ratio Lower Upper
138 100
92 40.6 16.7 56.7
108 59.0 37.6 77.6



#62
Azobenzene
Concen: 41.49 ng
RT: 11.76 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion: 77 Resp: 281168
Ion Ratio Lower Upper
77 100
182 19.6 6.5 46.5
105 21.7 3.8 43.8
51 28.2 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: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

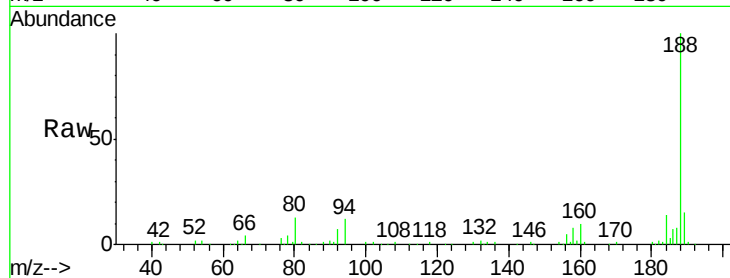
Tot Ion:188 Resp: 184631

Ion Ratio Lower Upper

188 100

94 12.1 8.7 13.1

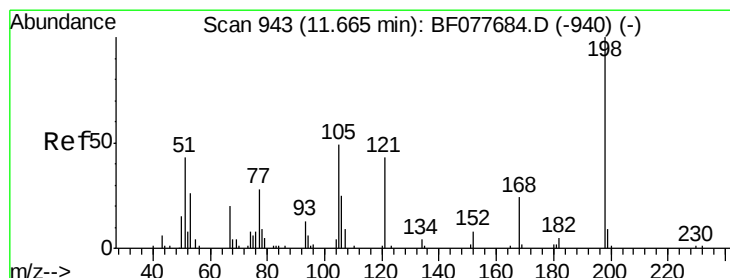
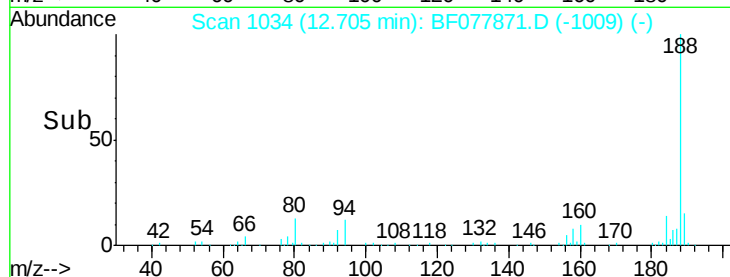
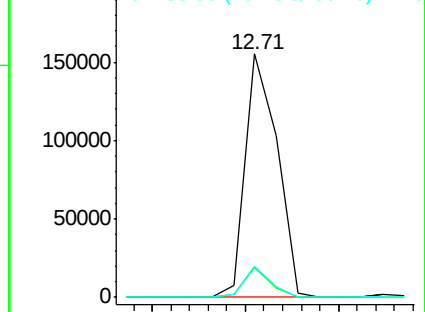
80 12.7 9.3 13.9



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: 43.89 ng

RT: 11.63 min Scan# 940

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

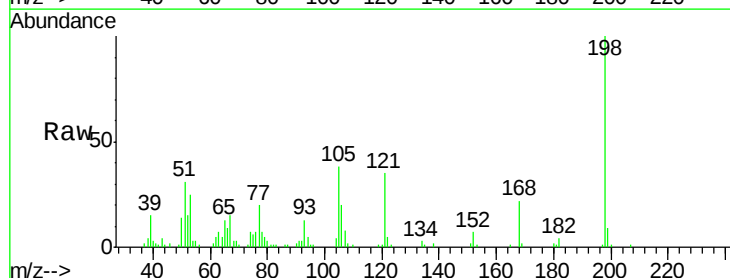
Tgt Ion:198 Resp: 37909

Ion Ratio Lower Upper

198 100

51 31.4 28.8 68.8

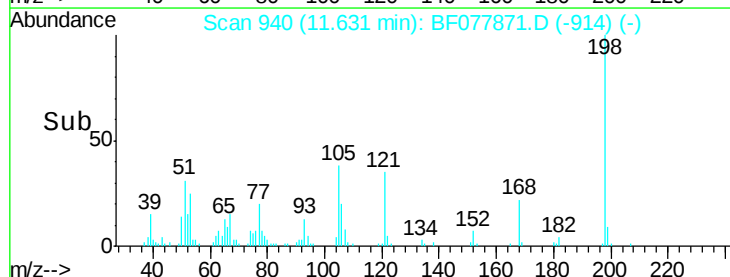
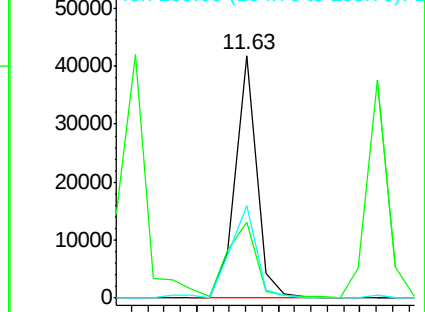
105 38.2 30.5 70.5



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

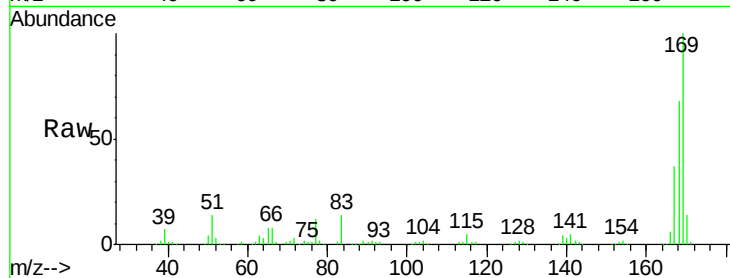




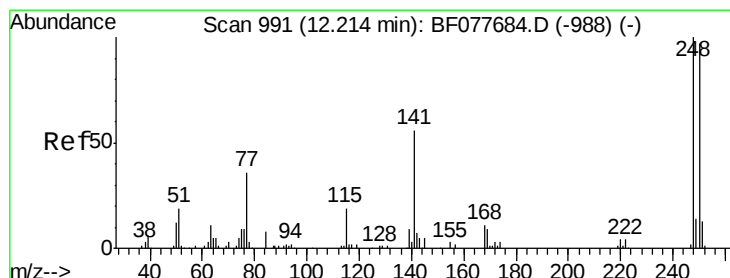
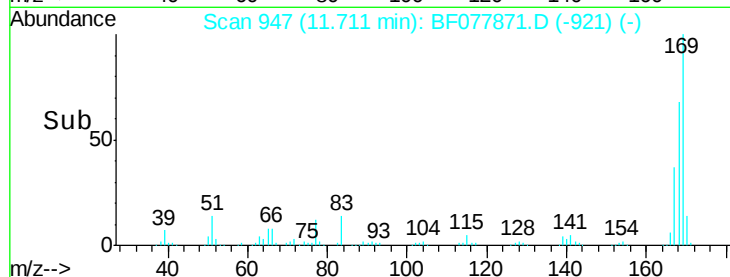
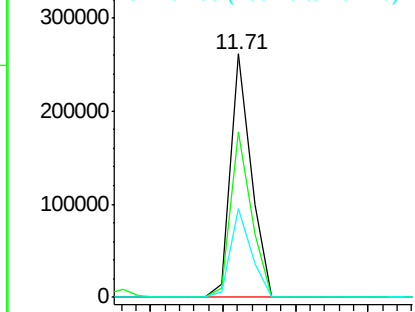
#65
 n-Nitrosodiphenylamine
 Concen: 42.11 ng
 RT: 11.71 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Tot Ion:169 Resp: 258899
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.9 80.9
 167 36.6 28.9 43.3

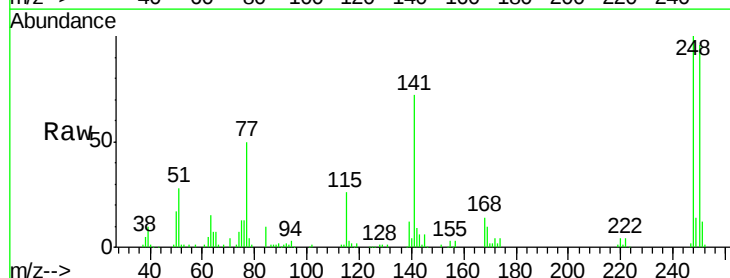


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

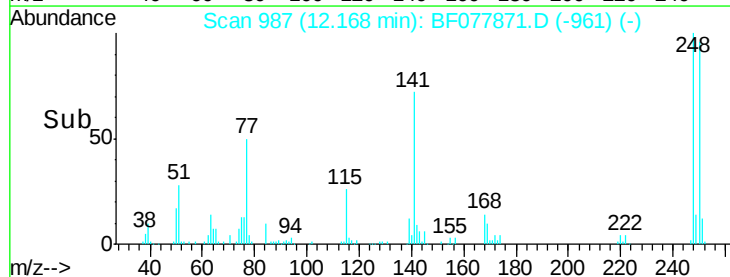
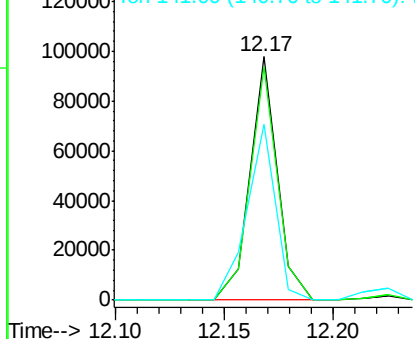


#66
 4-Bromophenyl-phenylether
 Concen: 43.21 ng
 RT: 12.17 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Tgt Ion:248 Resp: 85146
 Ion Ratio Lower Upper
 248 100
 250 96.1 77.4 116.0
 141 72.1 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

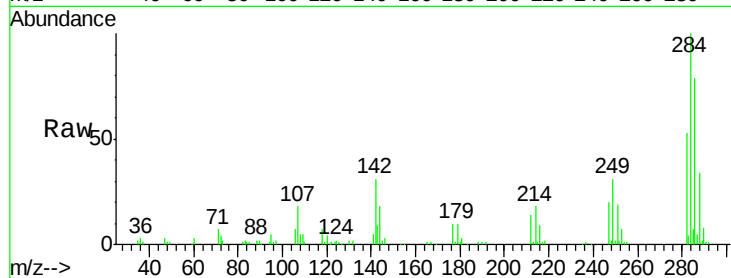




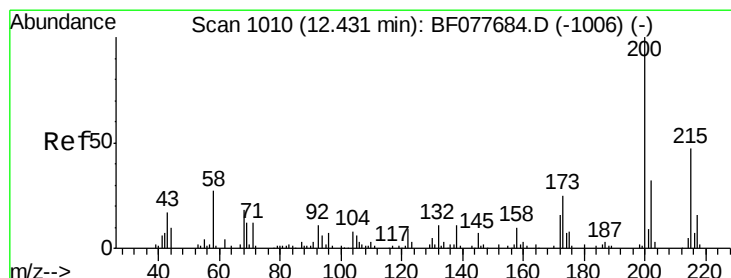
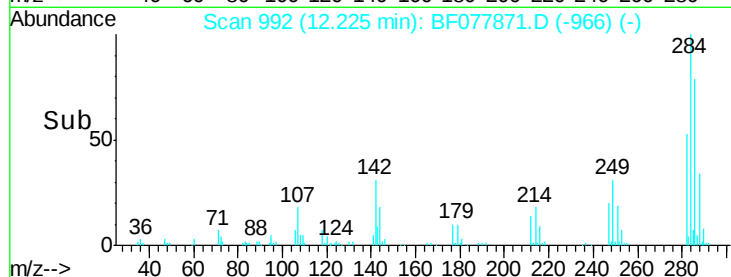
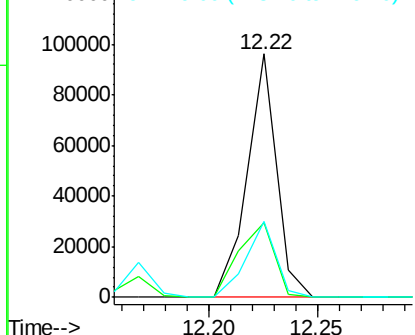
#67
Hexachlorobenzene
Concen: 41.54 ng
RT: 12.22 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

Tot Ion:284 Resp: 89927
Ion Ratio Lower Upper
284 100
142 30.5 20.4 30.6
249 31.1 23.8 35.6

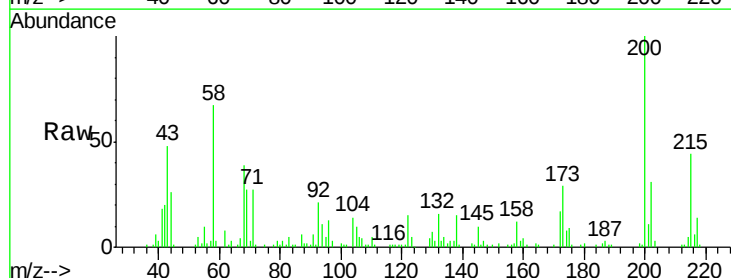


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

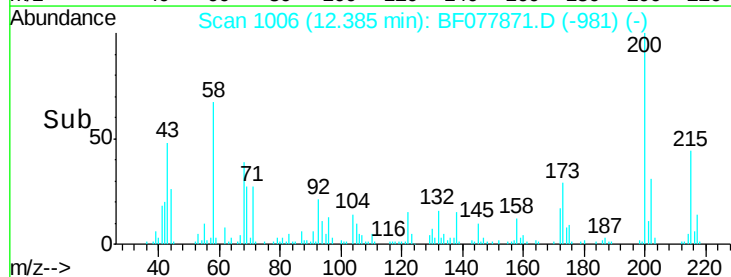
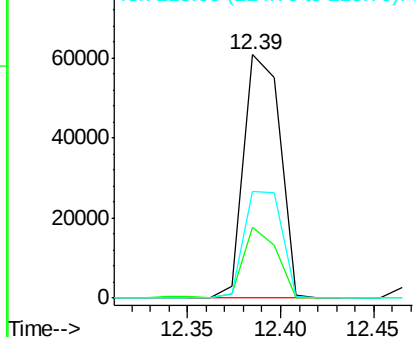


#68
Atrazine
Concen: 47.53 ng
RT: 12.39 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion:200 Resp: 81893
Ion Ratio Lower Upper
200 100
173 28.9 4.8 44.8
215 43.6 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

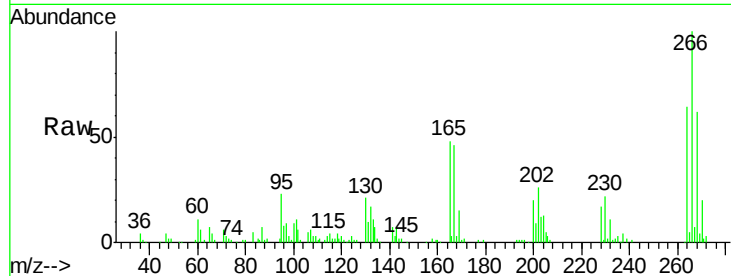




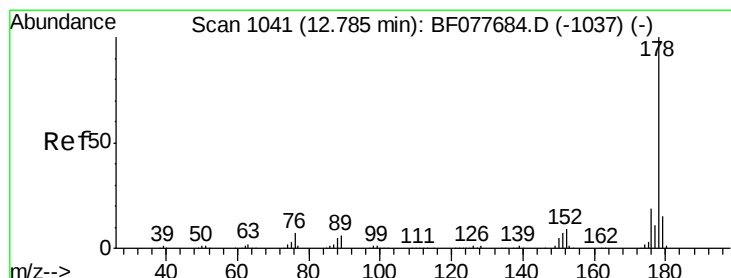
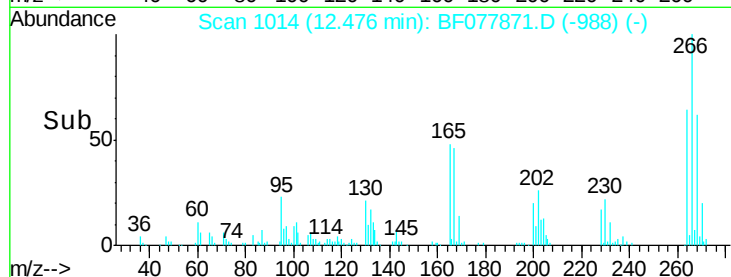
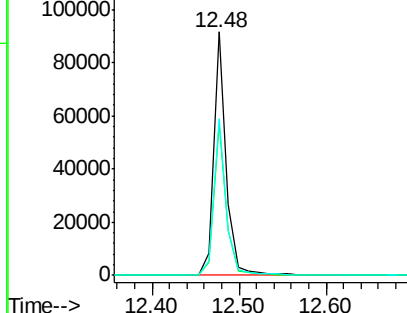
#69
 Pentachlorophenol
 Concen: 81.84 ng
 RT: 12.48 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Tot Ion:266 Resp: 92885
 Ion Ratio Lower Upper
 266 100
 268 62.0 52.0 78.0
 264 64.1 49.0 73.4

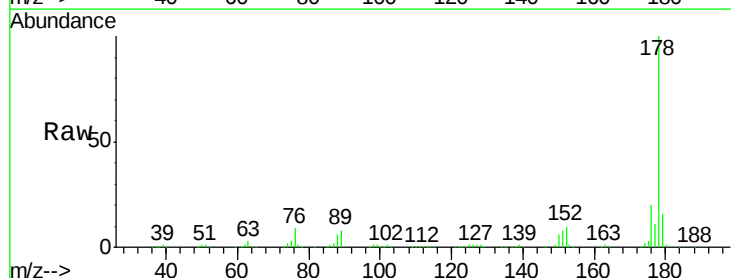


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

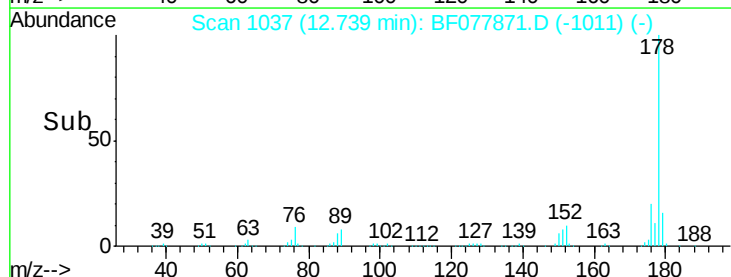
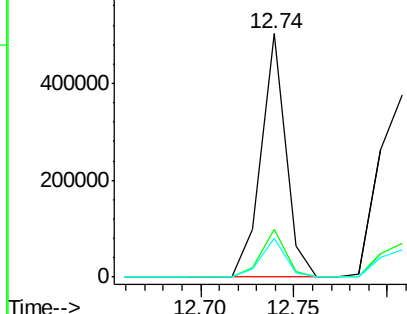


#70
 Phenanthrene
 Concen: 43.23 ng
 RT: 12.74 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Tgt Ion:178 Resp: 458194
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.2 22.8
 179 16.0 12.1 18.1



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

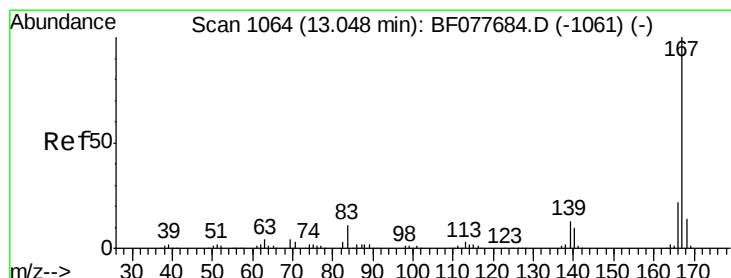
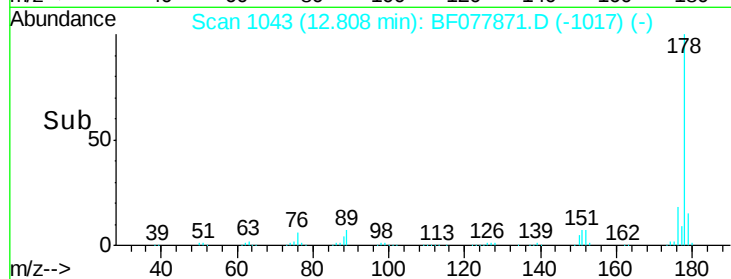
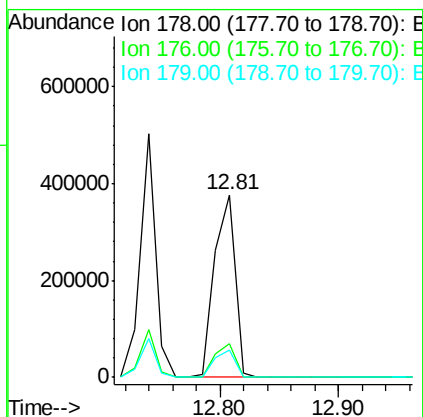
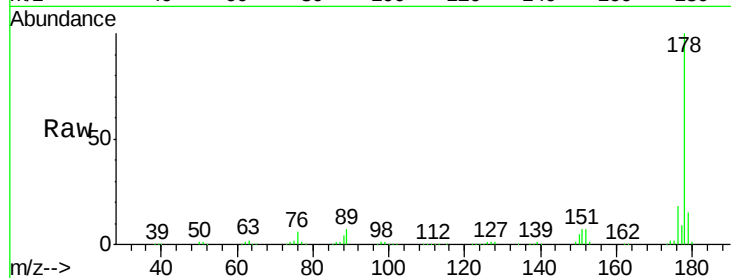




#71
 Anthracene
 Concen: 43.19 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

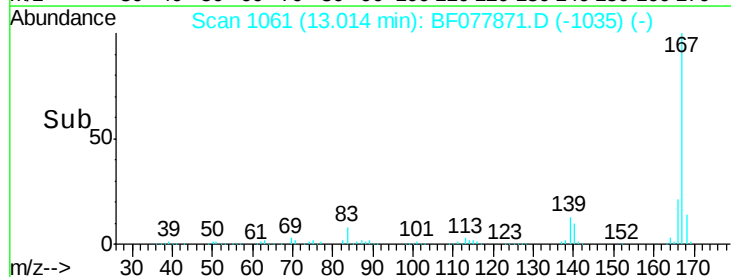
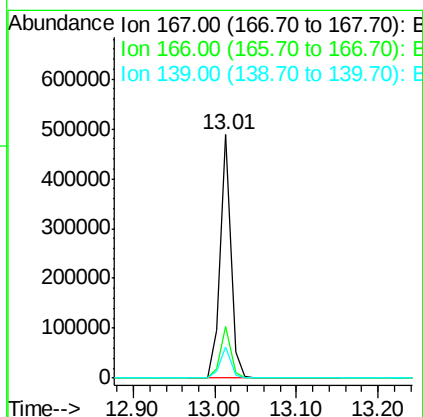
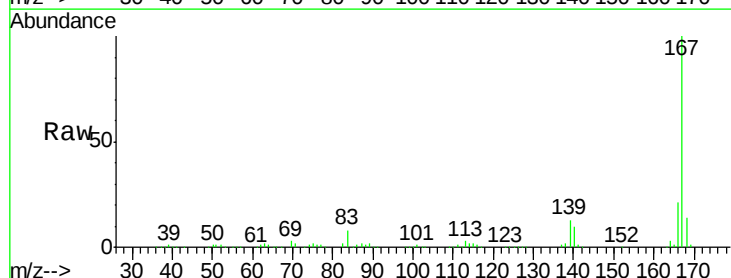
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

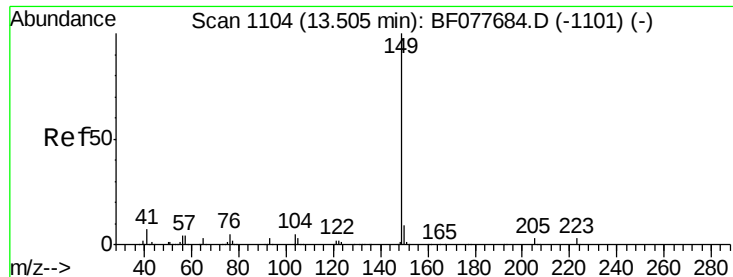
Tot Ion:178 Resp: 452308
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.6 22.0
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 44.65 ng
 RT: 13.01 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Tgt Ion:167 Resp: 444738
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 45.91 ng

RT: 13.47 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

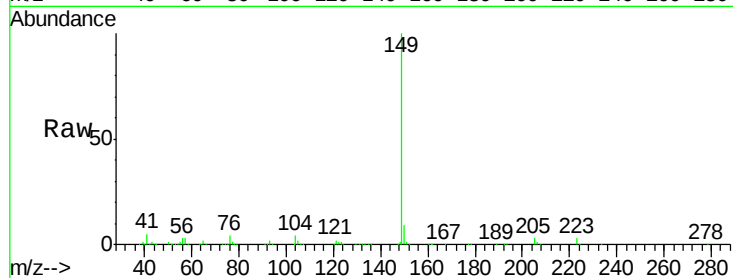
Tot Ion:149 Resp: 512742

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

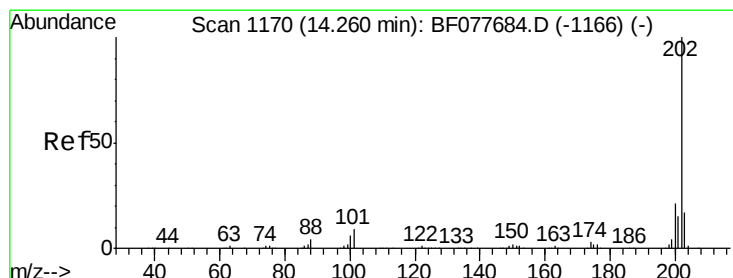
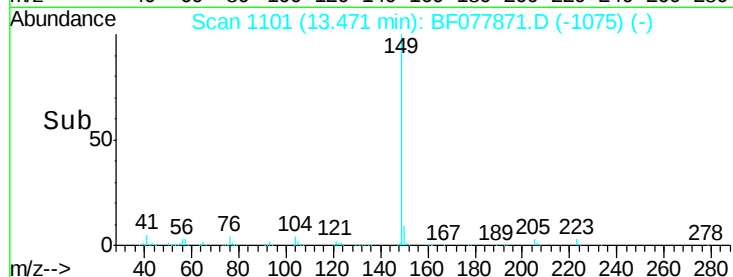
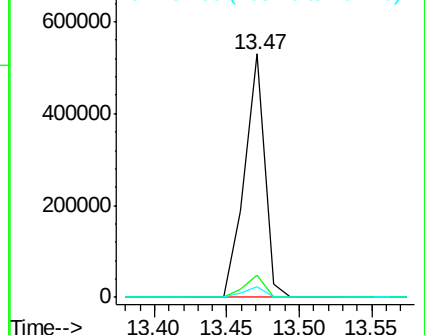
104 4.2 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.90 ng

RT: 14.21 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

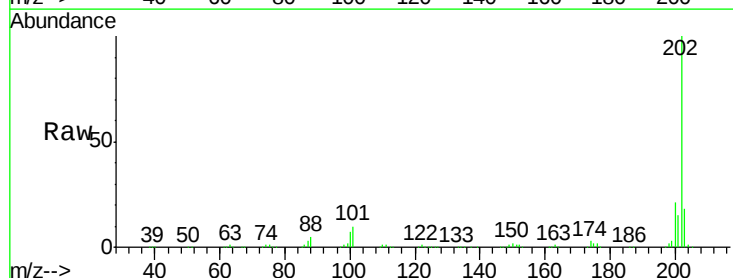
Tgt Ion:202 Resp: 501549

Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.7

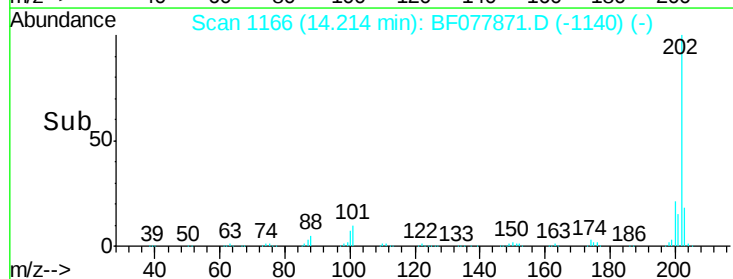
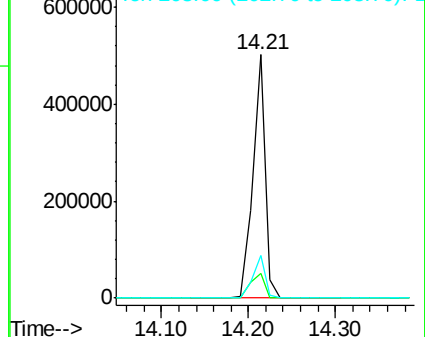
203 17.6 0.0 37.2

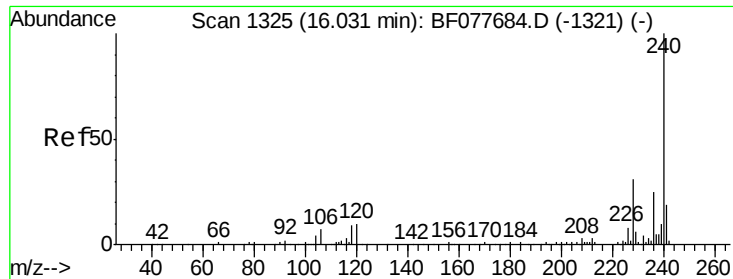


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.99 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

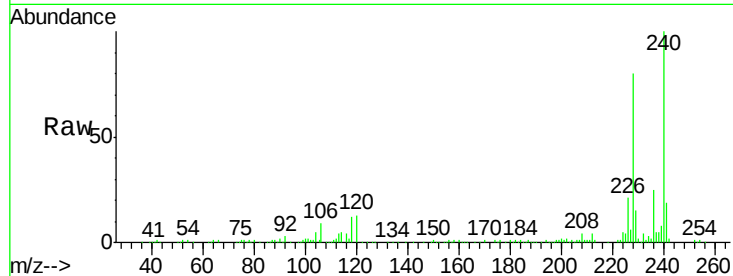
Tot Ion:240 Resp: 199418

Ion Ratio Lower Upper

240 100

120 13.2 8.2 12.2#

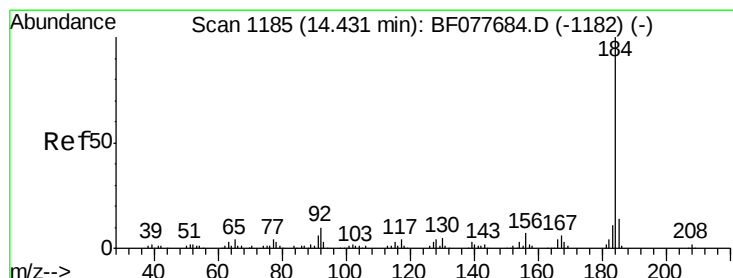
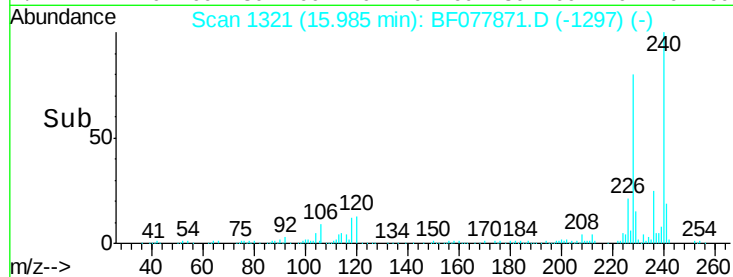
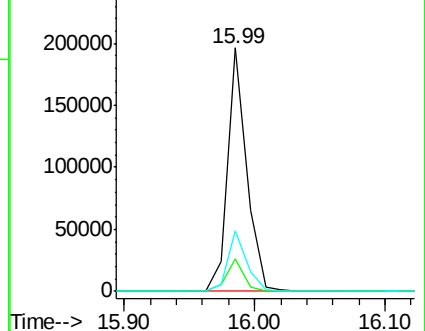
236 24.8 20.0 30.0



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: 19.94 ng

RT: 14.40 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

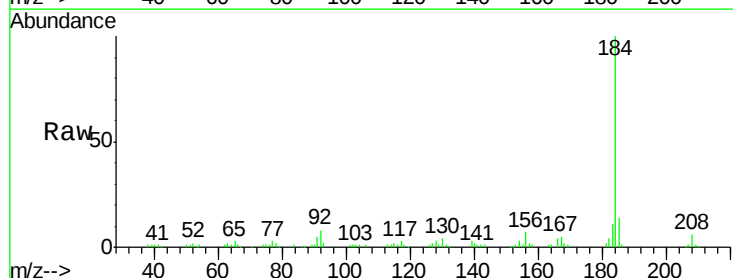
Tgt Ion:184 Resp: 99554

Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

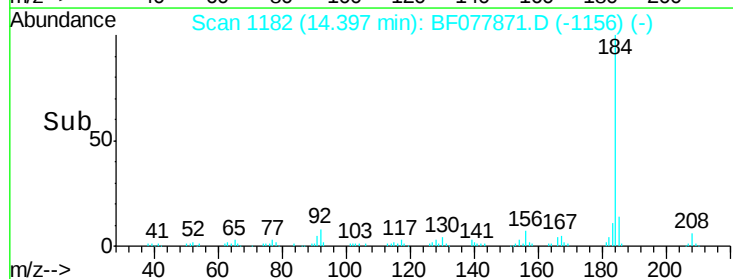
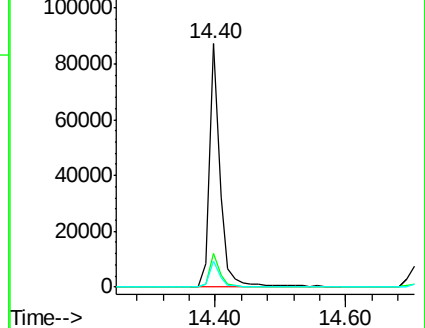
183 10.8 8.9 13.3

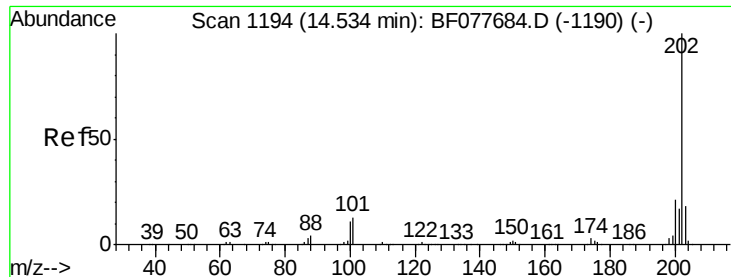


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

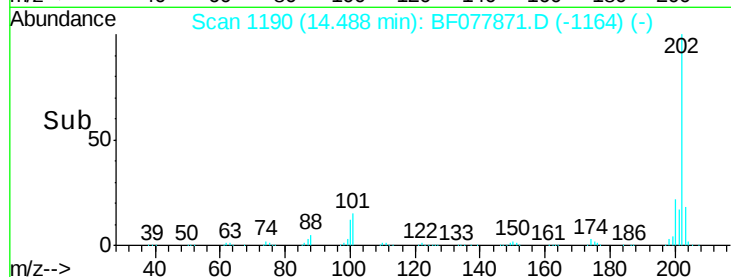
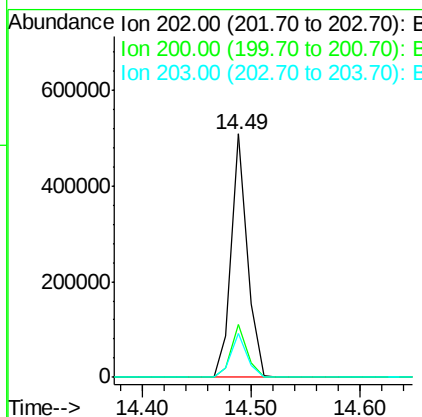
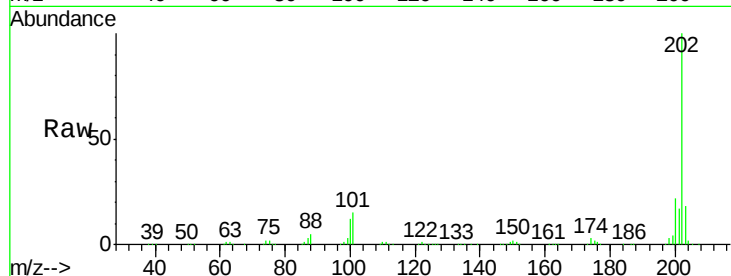




#77
Pvrene
Concen: 41.41 ng
RT: 14.49 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

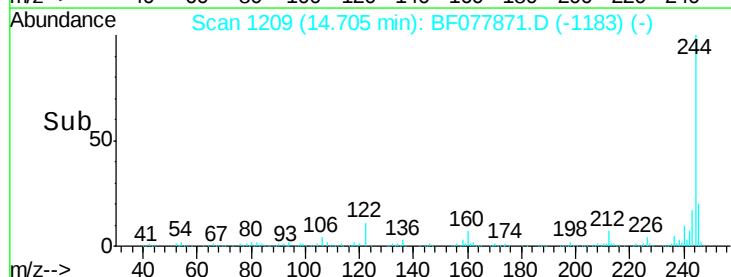
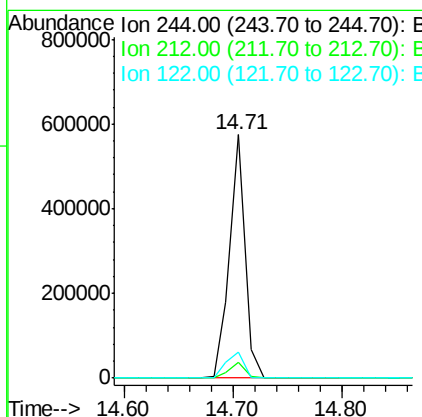
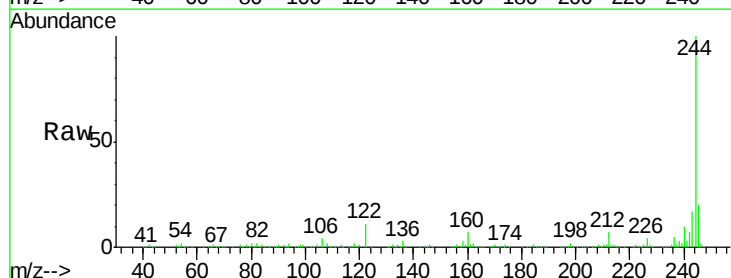
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.2	14.1	21.1



#78
Terphenyl-d14
Concen: 69.52 ng
RT: 14.71 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.9	7.3
122	10.9	6.2	9.4

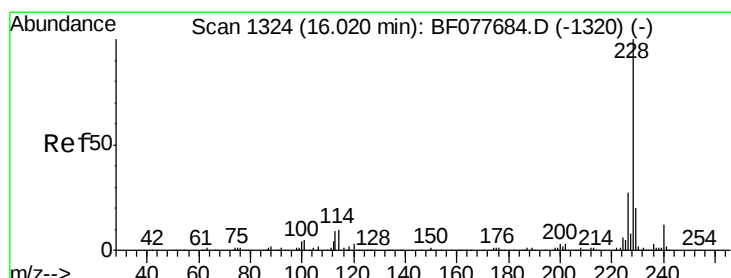
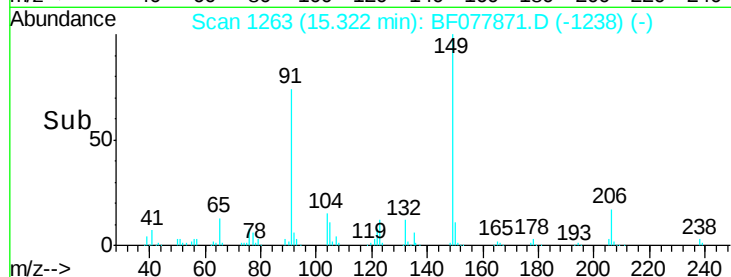
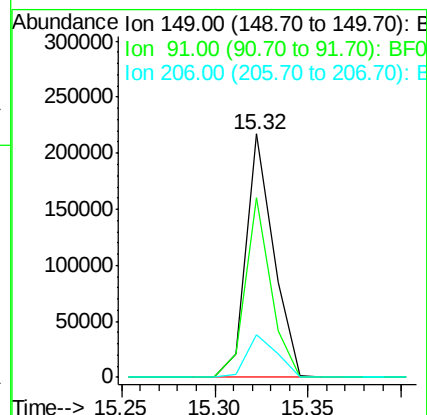
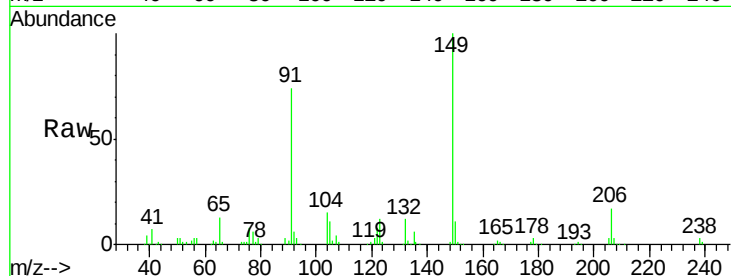




#79
Butylbenzylphthalate
Concen: 44.99 ng
RT: 15.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

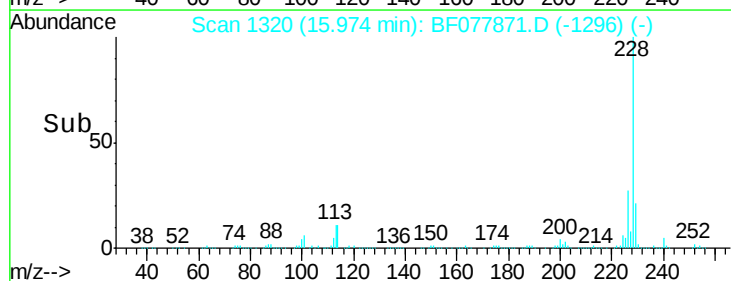
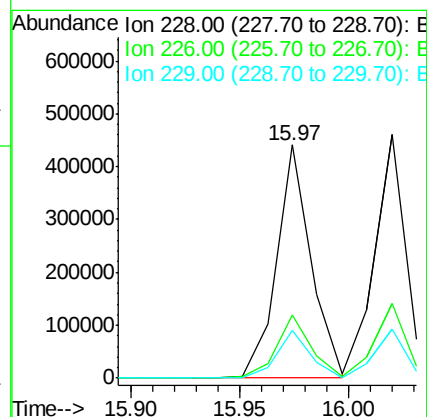
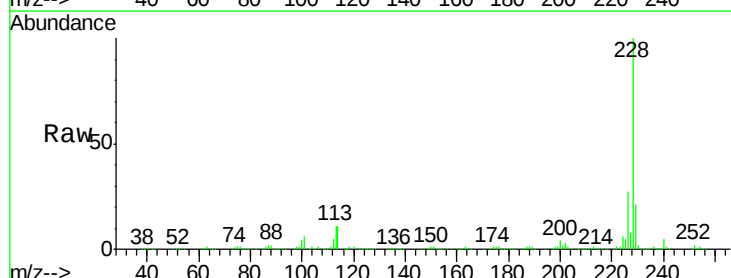
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

Tot Ion:149 Resp: 222456
Ion Ratio Lower Upper
149 100
91 74.0 50.1 75.1
206 17.3 16.2 24.2



#80
Benzo(a)anthracene
Concen: 41.20 ng
RT: 15.97 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion:228 Resp: 487015
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 20.7 16.0 24.0

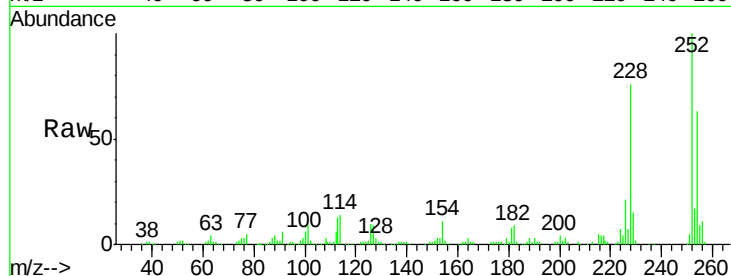




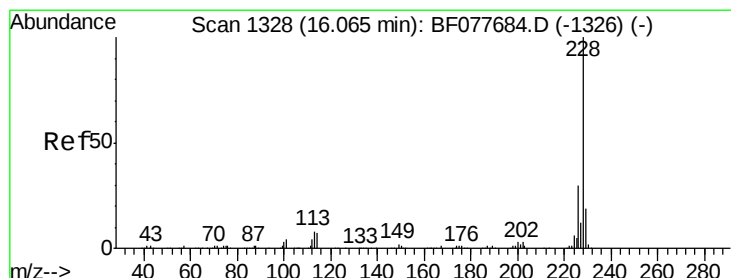
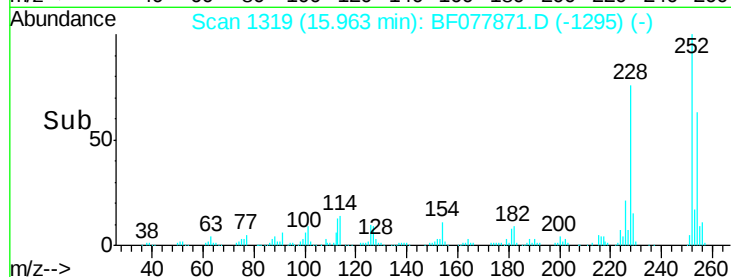
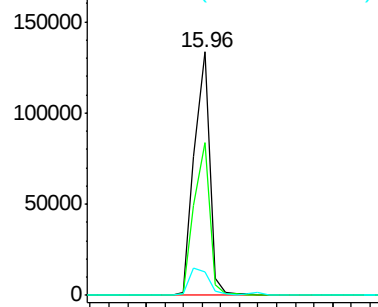
#81
 3,3'-Dichlorobenzidine
 Concen: 39.91 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Tot Ion:252 Resp: 155623
 Ion Ratio Lower Upper
 252 100
 254 62.8 51.9 77.9
 126 9.8 9.8 14.8#

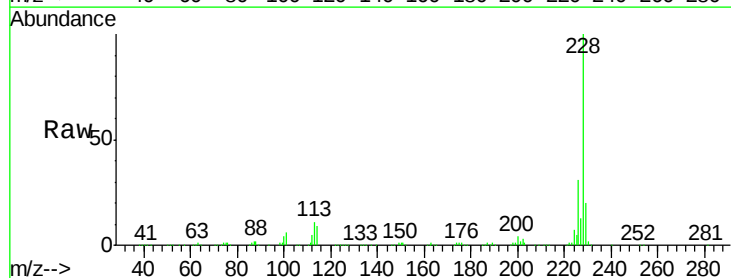


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

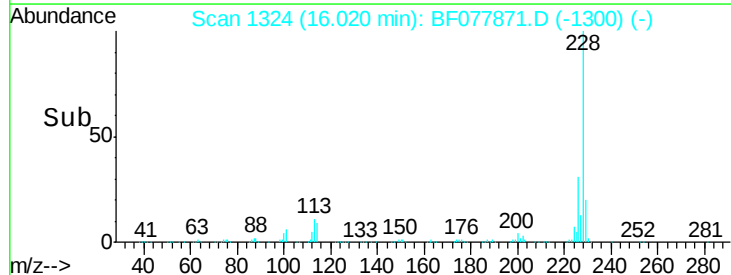
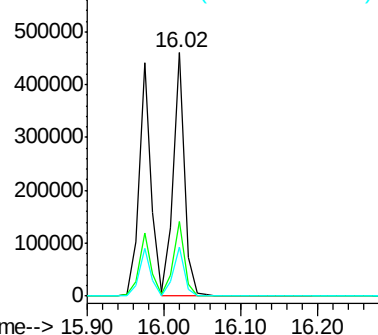


#82
 Chrysene
 Concen: 43.82 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Tgt Ion:228 Resp: 465738
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.1 36.1
 229 19.9 15.5 23.3



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

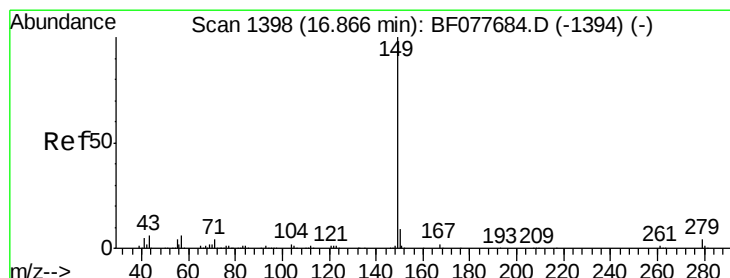
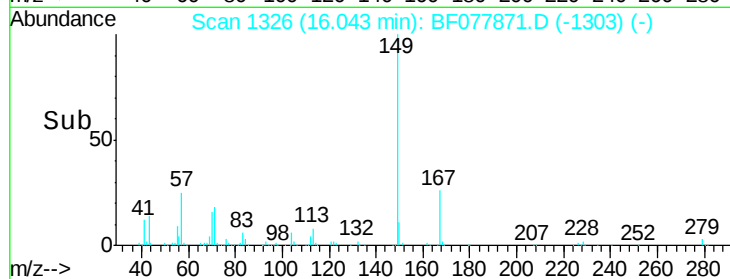
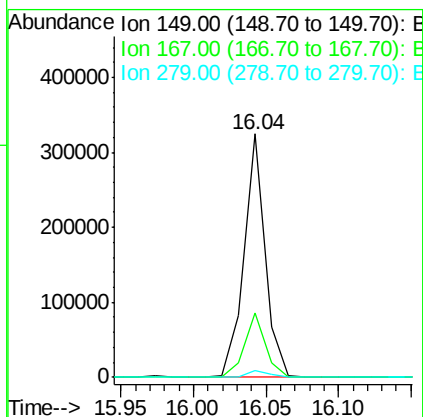
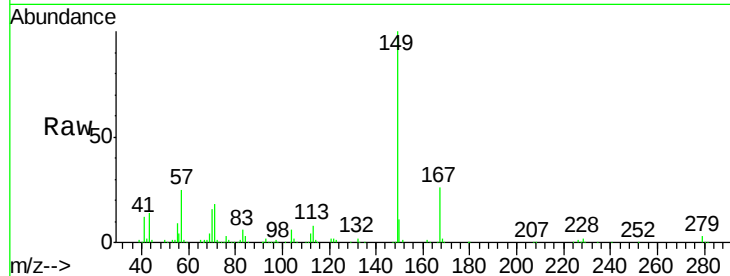




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.02 ng
 RT: 16.04 min Scan# 1326
 Delta R.T. -0.03 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

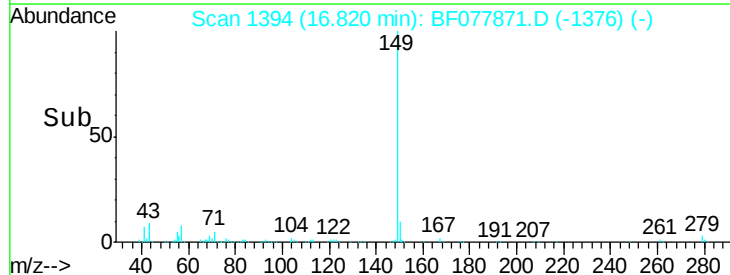
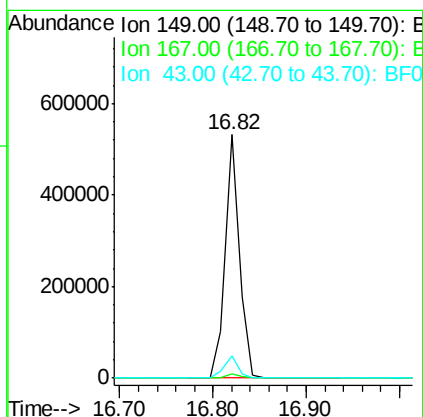
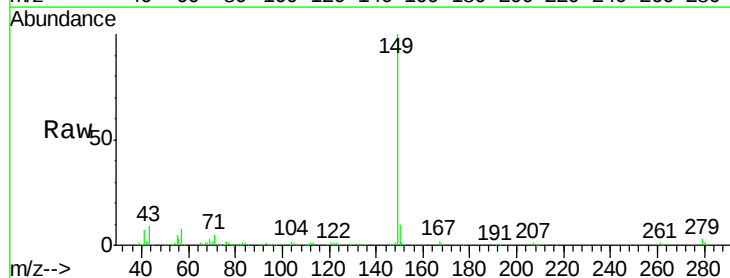
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Tot Ion:149 Resp: 329663
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.4 33.6
 279 3.0 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 44.17 ng
 RT: 16.82 min Scan# 1394
 Delta R.T. -0.09 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Tgt Ion:149 Resp: 565556
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.0 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.93 ng

RT: 19.05 min Scan# 1589

Delta R.T. -0.19 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

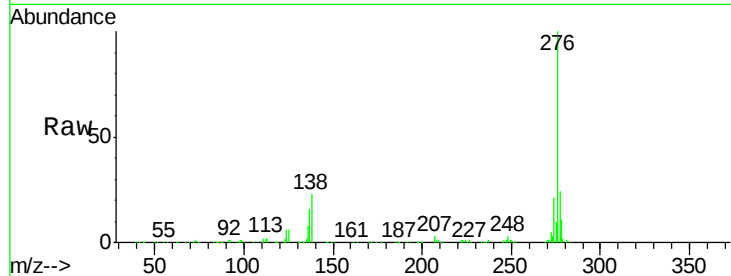
Tot Ion:276 Resp: 529734

Ion Ratio Lower Upper

276 100

138 29.4 0.0 0.0#

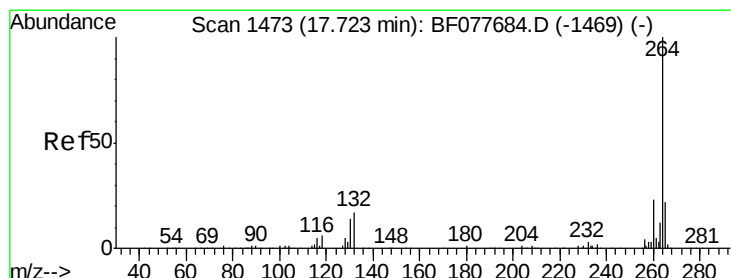
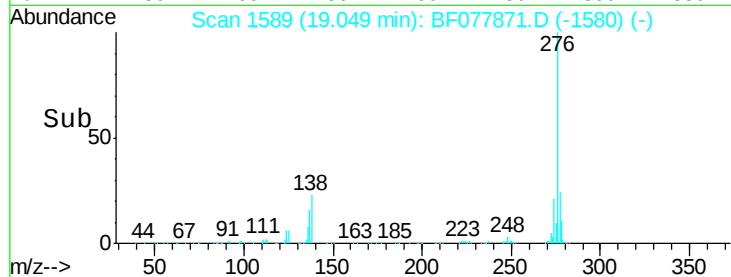
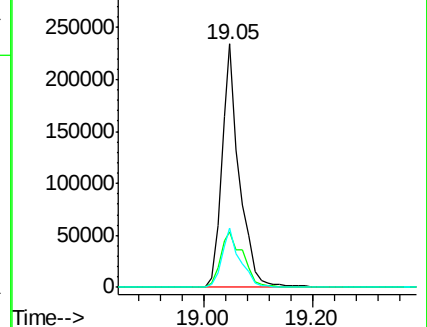
277 25.0 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.68 min Scan# 1469

Delta R.T. -0.16 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

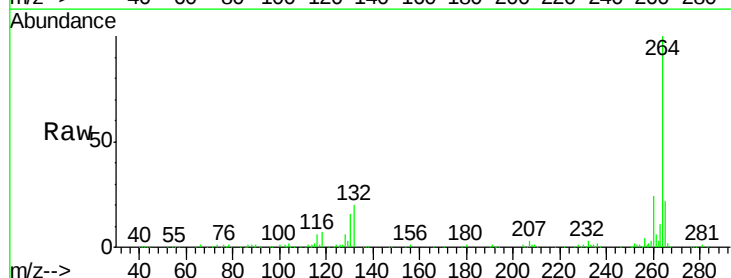
Tgt Ion:264 Resp: 187347

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

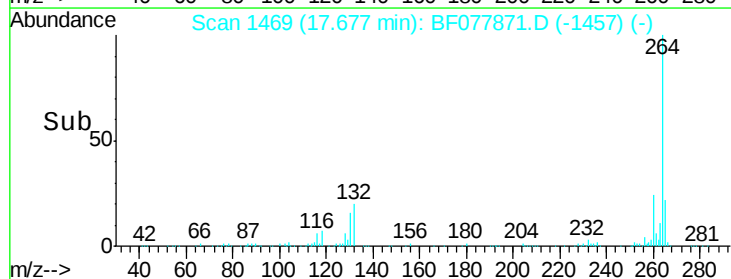
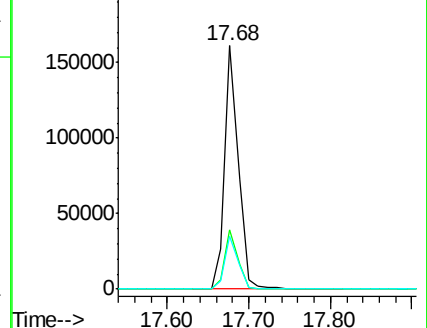
265 21.8 17.3 25.9

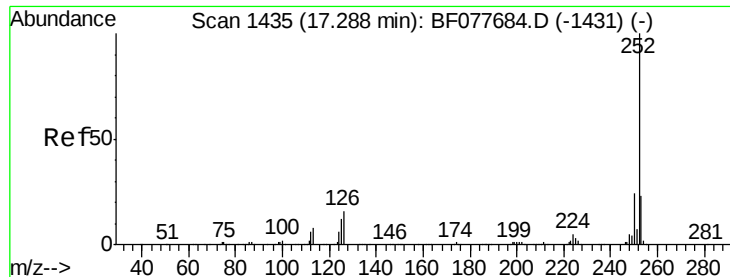


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

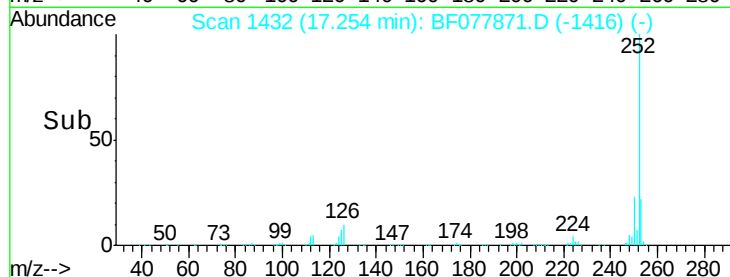
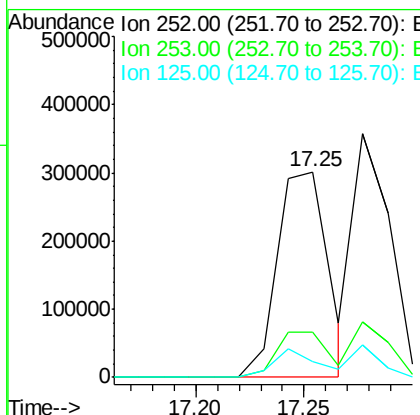
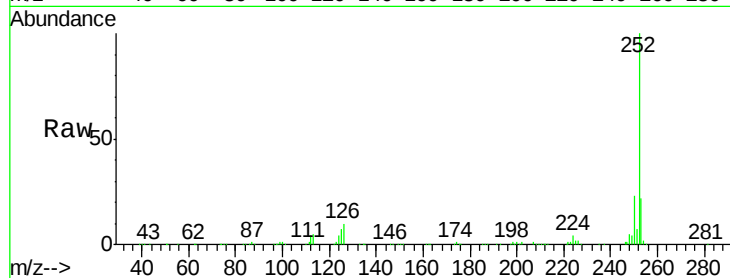




#87
Benzo(b)fluoranthene
Concen: 40.06 ng
RT: 17.25 min Scan# 1432
Delta R.T. -0.11 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

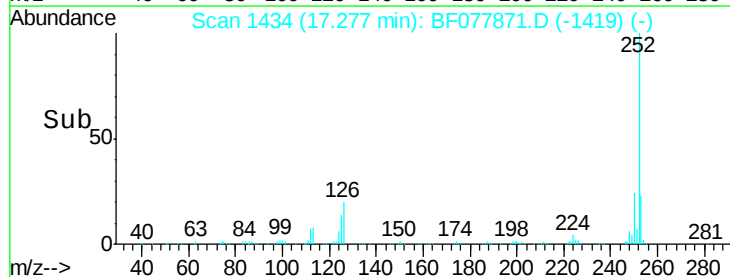
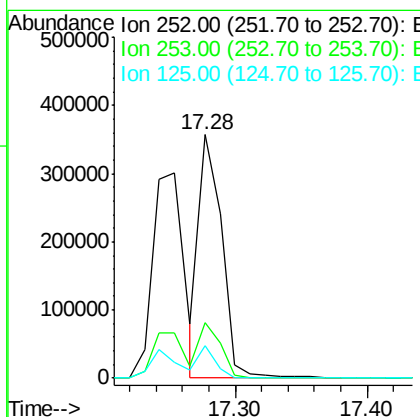
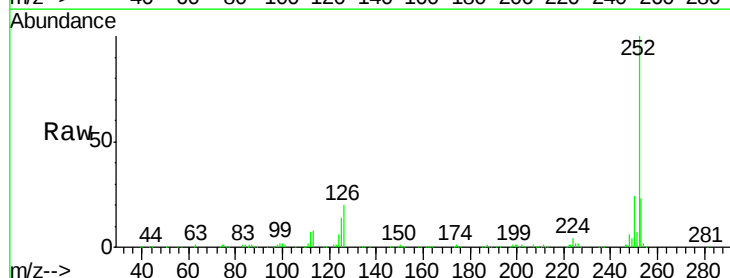
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

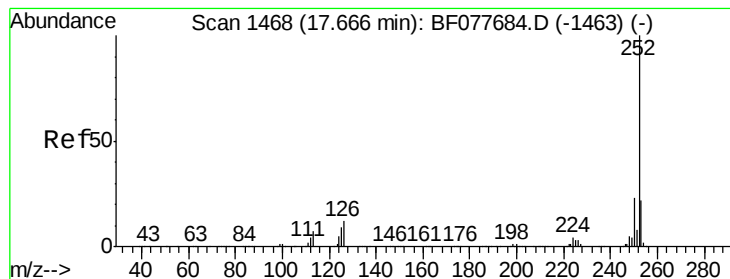
Tot Ion:252 Resp: 490006
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 7.5 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 45.83 ng m
RT: 17.28 min Scan# 1434
Delta R.T. -0.13 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Tgt Ion:252 Resp: 437824
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 13.5 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 45.35 ng

RT: 17.62 min Scan# 1464

Delta R.T. -0.15 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :

BNA_F

ClientSampleId :

Z2-0119MSD

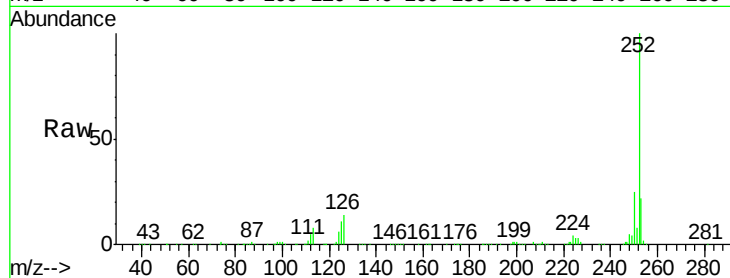
Tot Ion:252 Resp: 462780

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

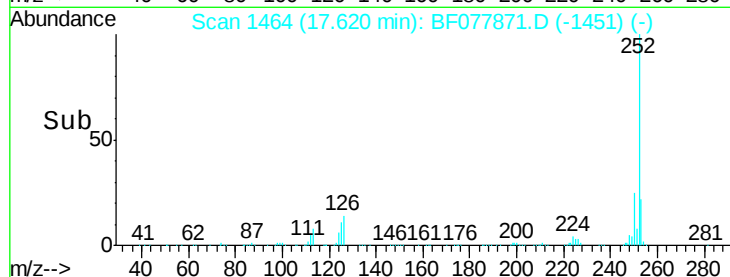
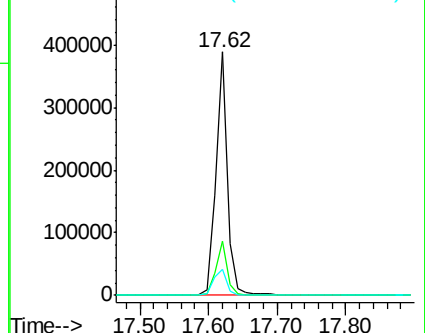
125 10.9 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.52 ng

RT: 19.07 min Scan# 1591

Delta R.T. -0.19 min

Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

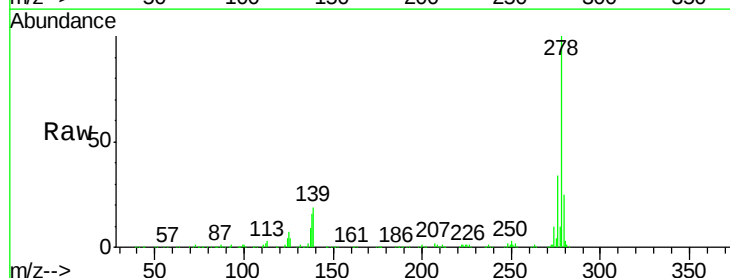
Tgt Ion:278 Resp: 440457

Ion Ratio Lower Upper

278 100

139 19.3 13.4 20.0

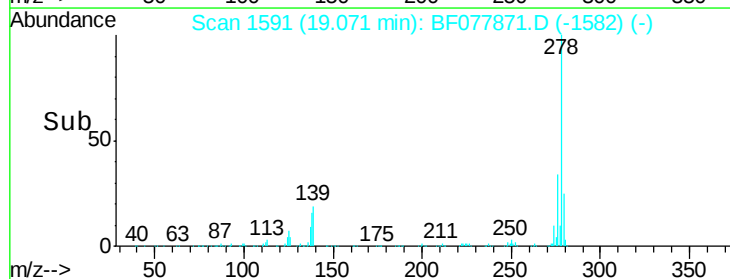
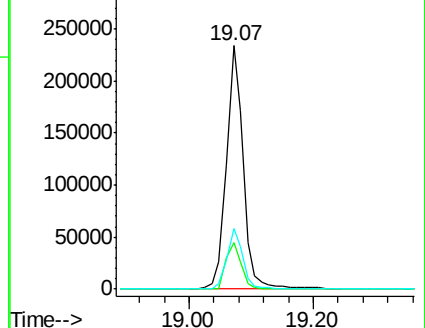
279 24.7 19.0 28.4

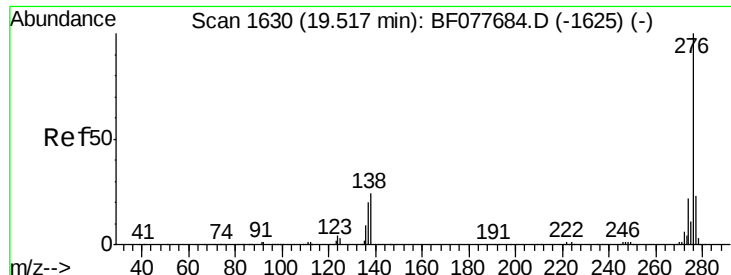


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

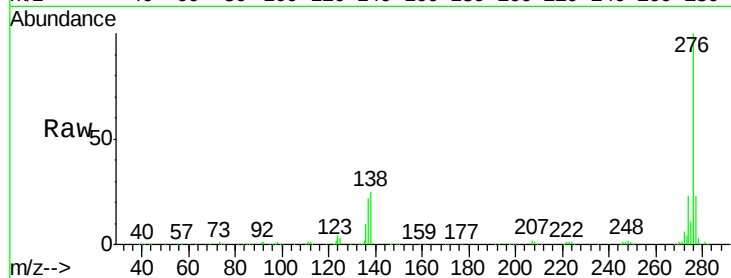




#91
 Benzo(a,h,i)perylene
 Concen: 43.76 ng
 RT: 19.45 min Scan# 1624
 Delta R.T. -0.19 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.5	27.7
138	24.8	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

