

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 20 23:06:49 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

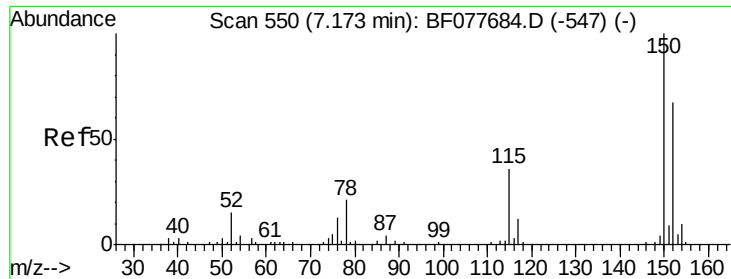
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032015\
 Data File : BF077871.D
 Acq On : 20 Mar 2015 18:59
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	76797	37.89	ng	98
43) 2,4,5-Trichlorophenol	10.00	196	81748	37.33	ng	98
45) 1,1'-Biphenyl	10.17	154	318550	40.62	ng	97
46) 2-Chloronaphthalene	10.19	162	259268	40.68	ng	95
47) 2-Nitroaniline	10.33	65	71785	45.35	ng	92
48) Acenaphthylene	10.69	152	411018	38.78	ng	100
49) Dimethylphthalate	10.57	163	317181	43.59	ng	99
50) 2,6-Dinitrotoluene	10.64	165	69864	46.32	ng	# 87
51) Acenaphthene	10.91	154	233772	38.47	ng	100
52) 3-Nitroaniline	10.84	138	56969	32.52	ng	91
53) 2,4-Dinitrophenol	10.97	184	47672	85.42	ng	94
54) Dibenzofuran	11.13	168	364434	40.43	ng	95
55) 4-Nitrophenol	11.07	139	29469	22.71	ng	98
56) 2,4-Dinitrotoluene	11.13	165	88742	45.12	ng	92
57) Fluorene	11.55	166	294169	39.31	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.29	232	69917	41.47	ng	# 100
59) Diethylphthalate	11.44	149	300585	42.40	ng	96
60) 4-Chlorophenyl-phenylether	11.56	204	140810	41.23	ng	92
61) 4-Nitroaniline	11.60	138	65960	37.78	ng	96
62) Azobenzene	11.76	77	281168	41.49	ng	92
64) 4,6-Dinitro-2-methylphenol	11.63	198	37909	43.89	ng	78
65) n-Nitrosodiphenylamine	11.71	169	258899	42.11	ng	99
66) 4-Bromophenyl-phenylether	12.17	248	85146	43.21	ng	# 92
67) Hexachlorobenzene	12.22	284	89927	41.54	ng	94
68) Atrazine	12.39	200	81893	47.53	ng	94
69) Pentachlorophenol	12.48	266	92885	81.84	ng	96
70) Phenanthrene	12.74	178	458194	43.23	ng	98
71) Anthracene	12.81	178	452308	43.19	ng	99
72) Carbazole	13.01	167	444738	44.65	ng	99
73) Di-n-butylphthalate	13.47	149	512742	45.91	ng	99
74) Fluoranthene	14.21	202	501549	42.90	ng	98
76) Benzidine	14.40	184	99554	19.94	ng	99
77) Pyrene	14.49	202	519267	41.41	ng	99
79) Butylbenzylphthalate	15.32	149	222456	44.99	ng	87
80) Benzo(a)anthracene	15.97	228	487015	41.20	ng	99
81) 3,3'-Dichlorobenzidine	15.96	252	155623	39.91	ng	# 97
82) Chrysene	16.02	228	465738	43.82	ng	99
83) Bis(2-ethylhexyl)phthalate	16.04	149	329663	44.02	ng	# 97
84) Di-n-octyl phthalate	16.82	149	565556	44.17	ng	100
85) Indeno(1,2,3-cd)pyrene	19.05	276	529734	39.93	ng	# 100
87) Benzo(b)fluoranthene	17.25	252	490006	40.06	ng	# 95
88) Benzo(k)fluoranthene	17.25	252	490006	51.29	ng	# 97
89) Benzo(a)pyrene	17.62	252	462780	45.35	ng	99
90) Dibenzo(a,h)anthracene	19.07	278	440457	43.52	ng	96
91) Benzo(g,h,i)perylene	19.45	276	450945	43.76	ng	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

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BNA_F

ClientSampleId :

Z2-0119MSD

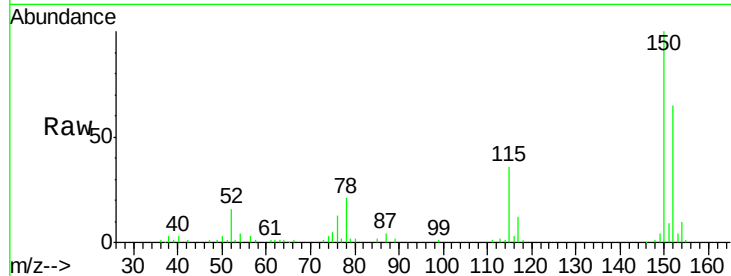
Tgt Ion:152 Resp: 48506

Ion Ratio Lower Upper

152 100

150 153.0 119.5 179.3

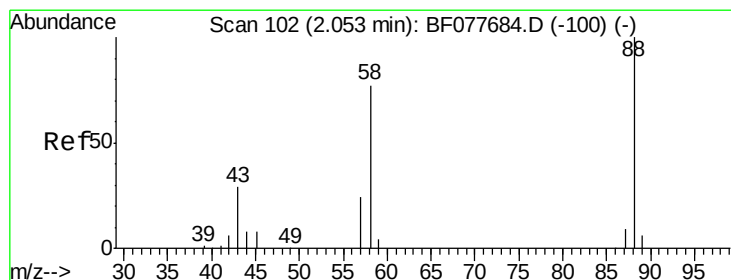
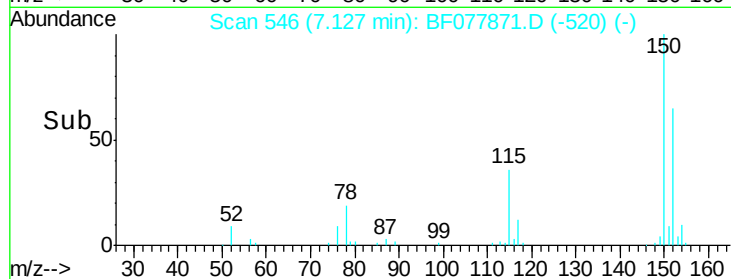
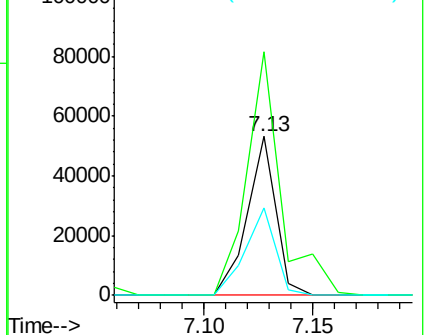
115 55.3 43.0 64.4



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

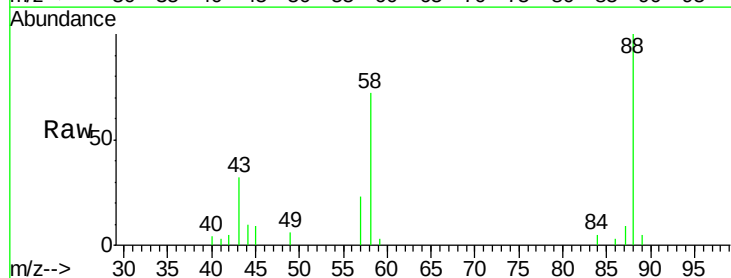
Tgt Ion: 88 Resp: 13601

Ion Ratio Lower Upper

88 100

58 77.0 0.0 0.0#

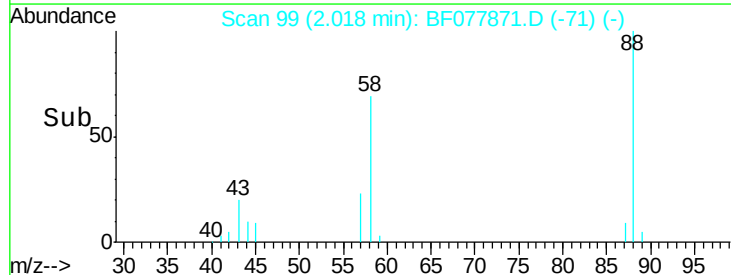
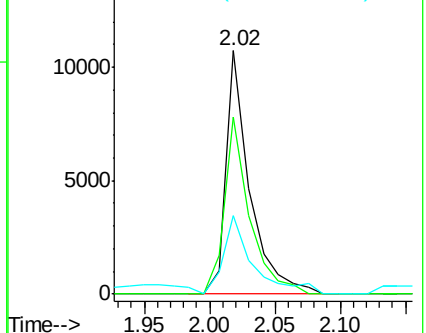
43 40.4 0.0 0.0#

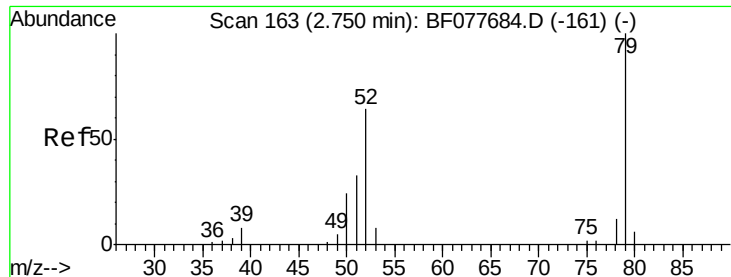


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

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

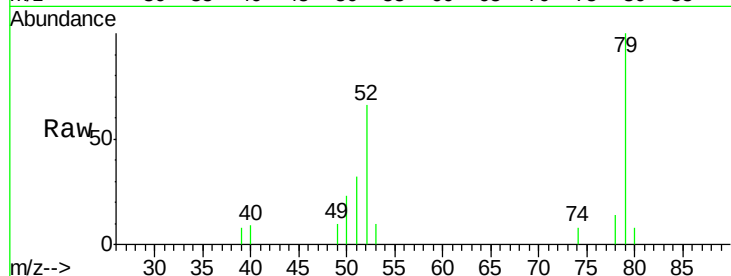
Tgt Ion: 79 Resp: 22286

Ion Ratio Lower Upper

79 100

52 66.4 51.1 76.7

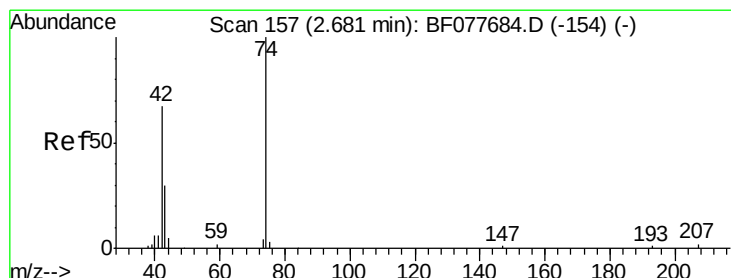
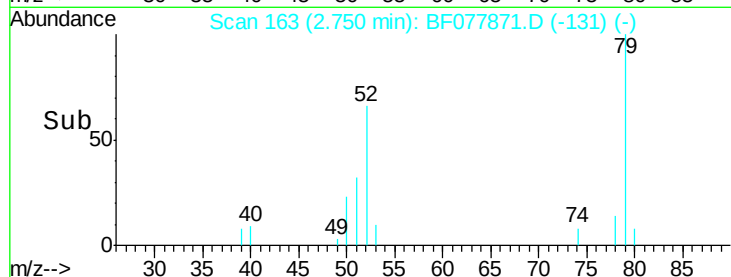
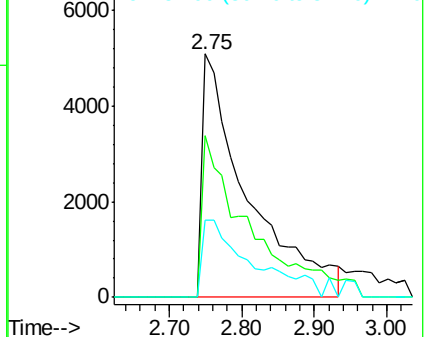
51 31.7 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 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

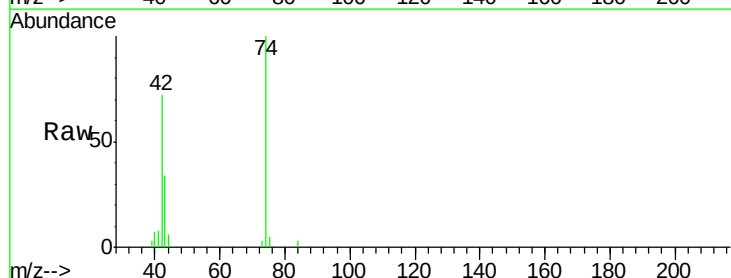
Tgt Ion: 42 Resp: 16245

Ion Ratio Lower Upper

42 100

74 138.5 119.3 178.9

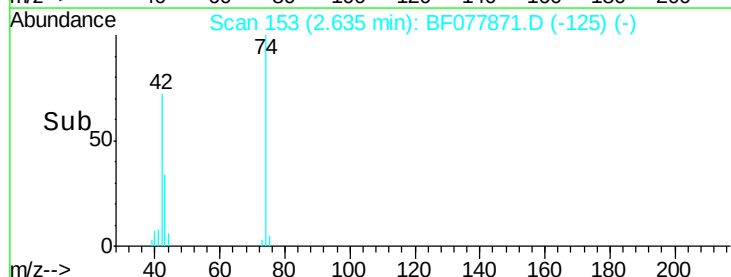
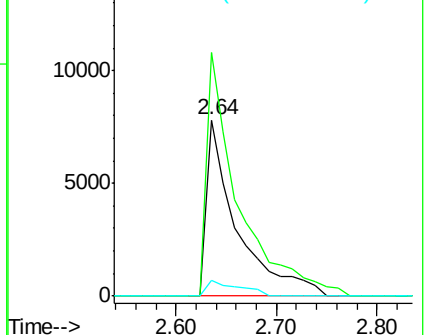
44 8.7 5.4 8.2#

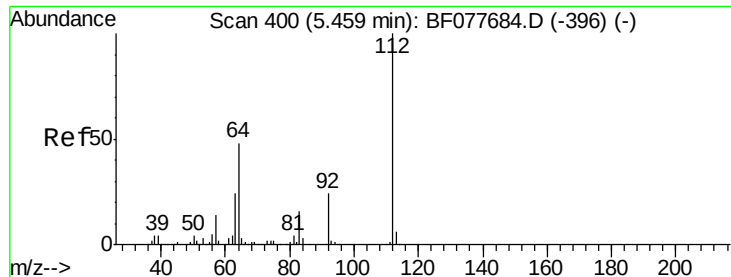


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 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

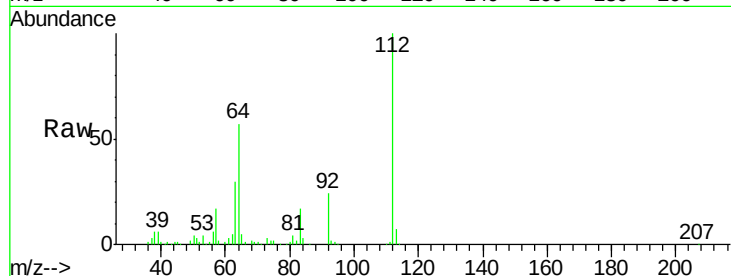
Tgt Ion: 112 Resp: 131801

Ion Ratio Lower Upper

112 100

64 57.1 38.6 57.8

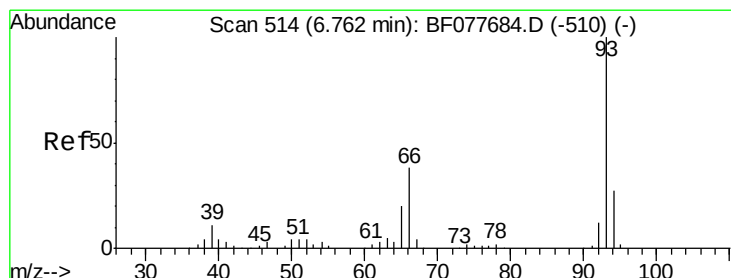
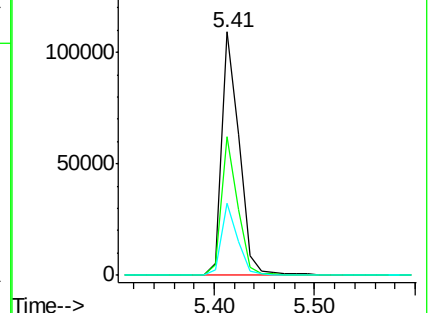
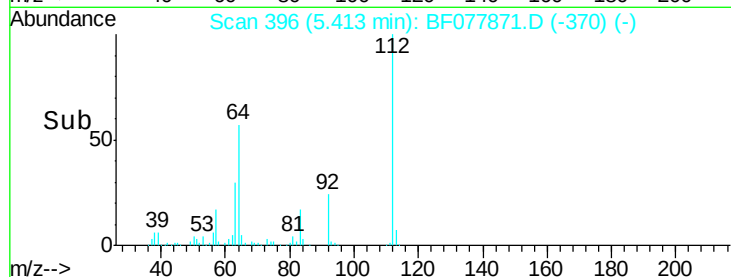
63 29.6 19.3 28.9#



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

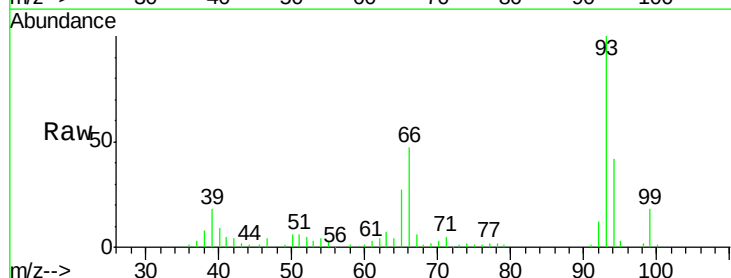
Tgt Ion: 93 Resp: 82566

Ion Ratio Lower Upper

93 100

66 47.4 30.8 46.2#

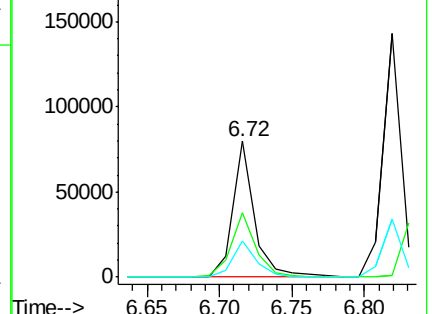
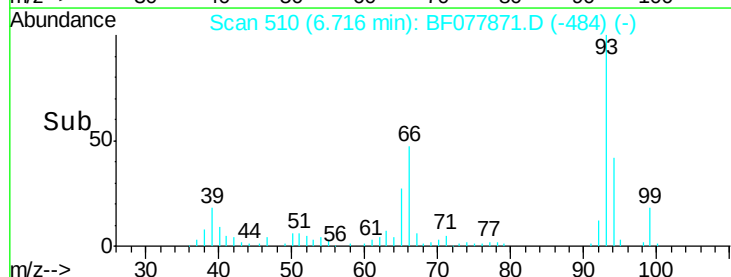
65 26.9 16.0 24.0#

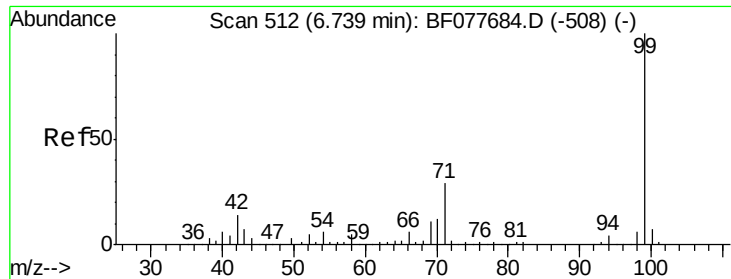


Abundance Ion 93.00 (92.70 to 93.70): BF0

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

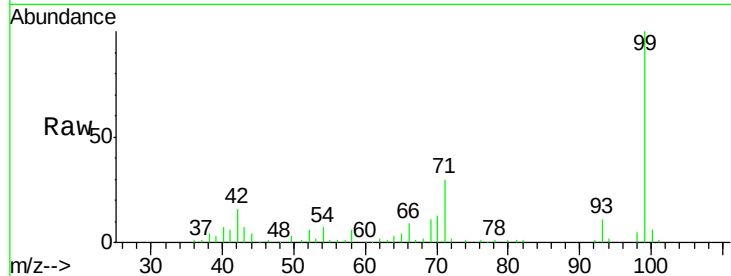
Tgt Ion: 99 Resp: 98357

Ion Ratio Lower Upper

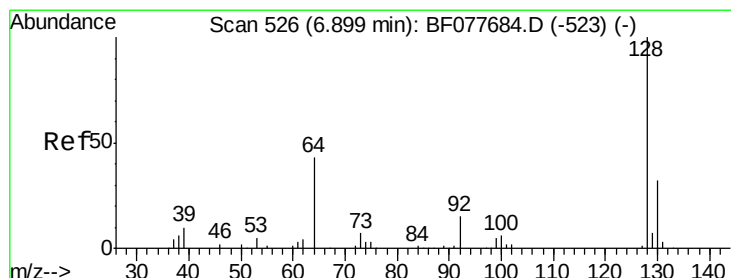
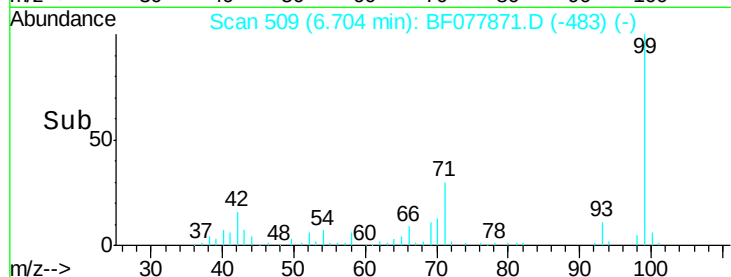
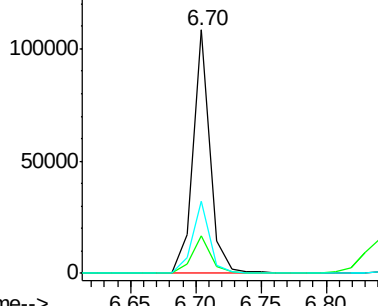
99 100

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

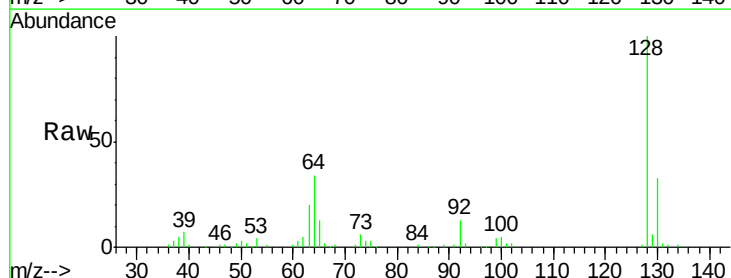
Tgt Ion: 128 Resp: 101715

Ion Ratio Lower Upper

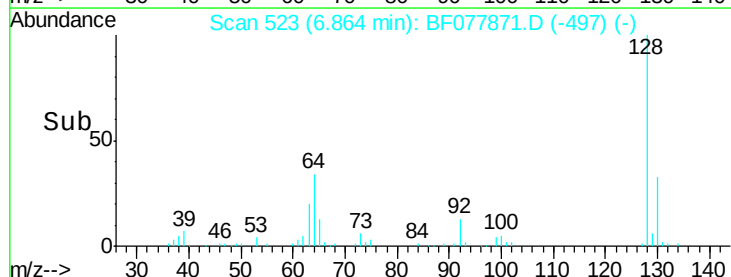
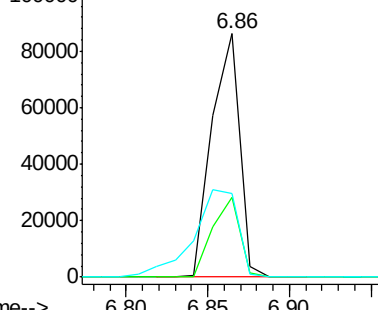
128 100

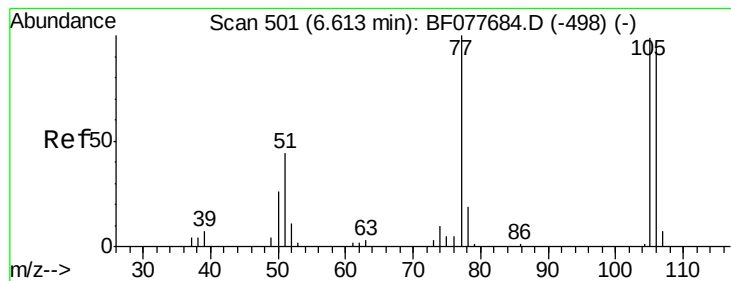
130 33.0 12.0 52.0

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

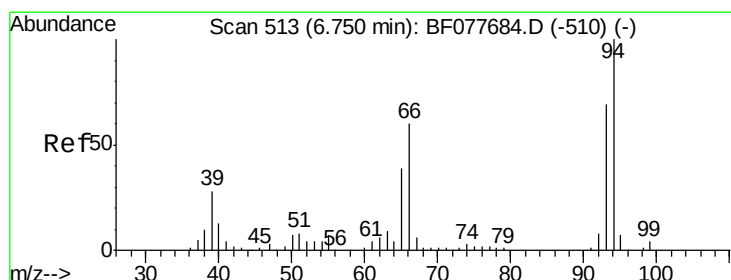
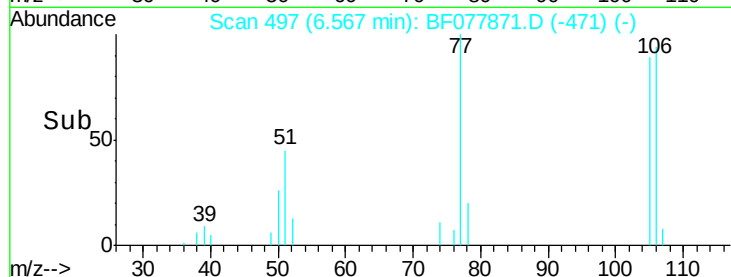
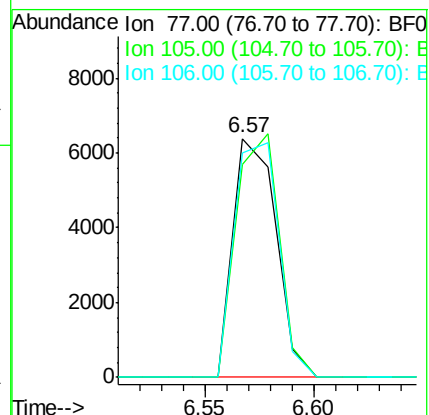
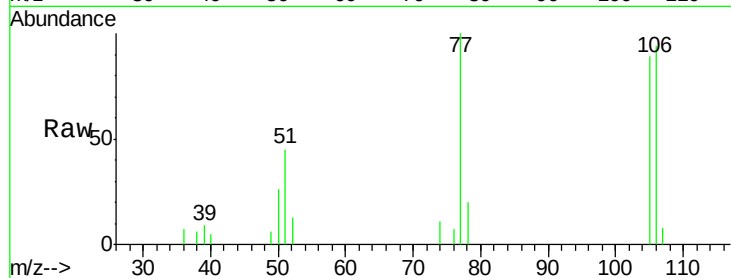
Tgt Ion: 77 Resp: 8764

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

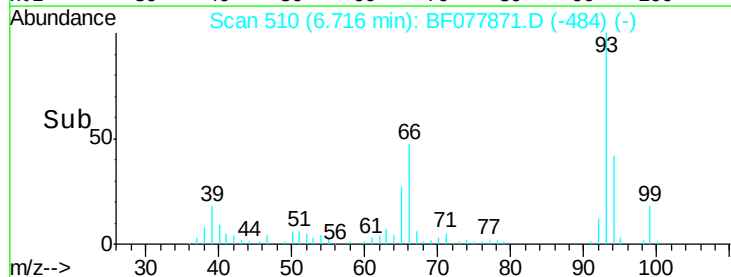
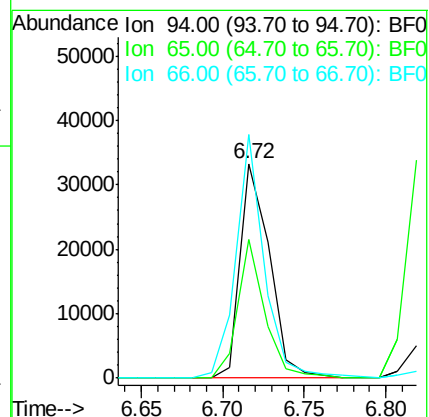
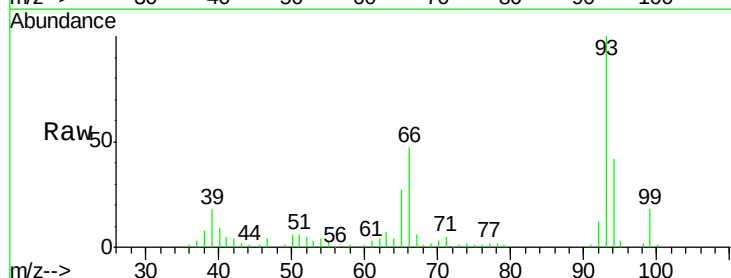
Tgt Ion: 94 Resp: 41281

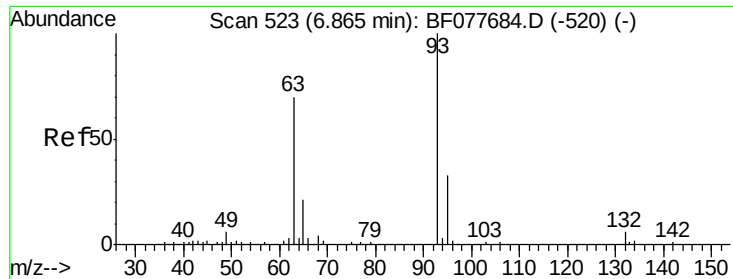
Ion Ratio Lower Upper

94 100

65 64.5 18.8 58.8#

66 113.6 39.9 79.9#

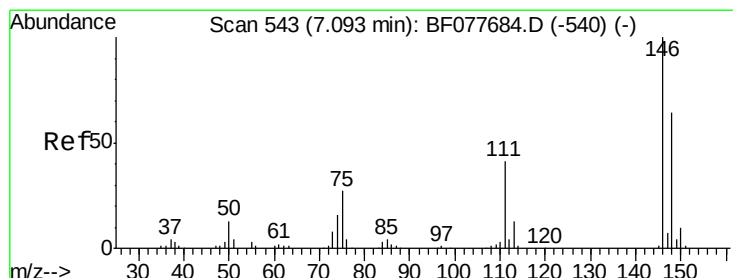
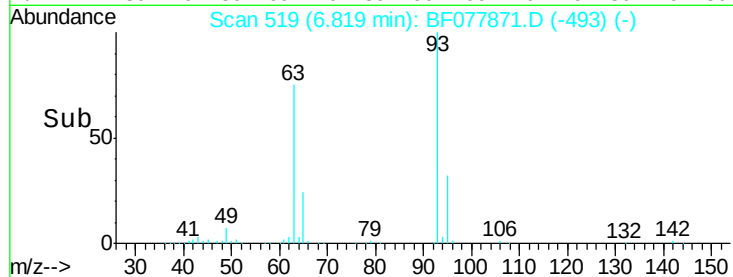
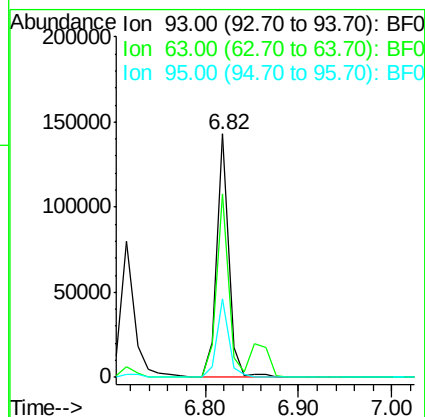
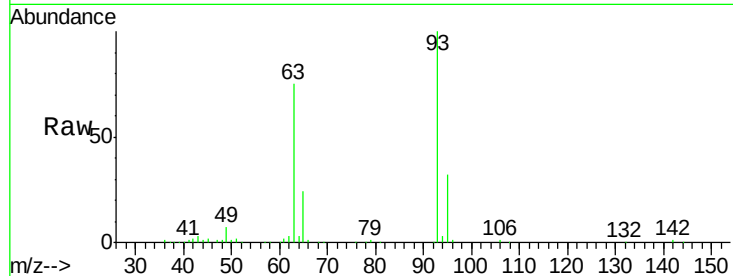




#11
bis(2-Chloroethyl)ether
Concen: 42.58 ng
RT: 6.82 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

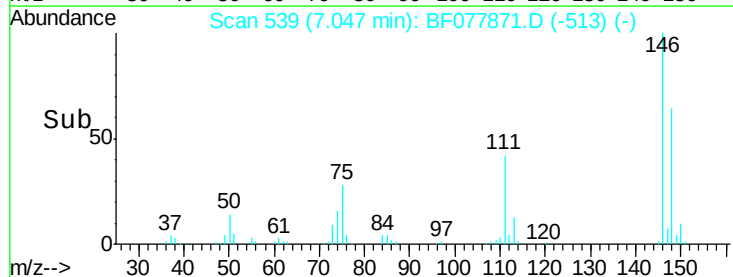
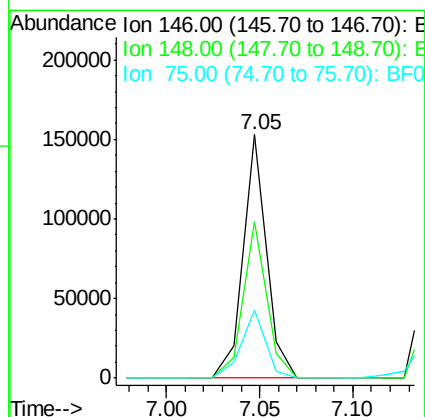
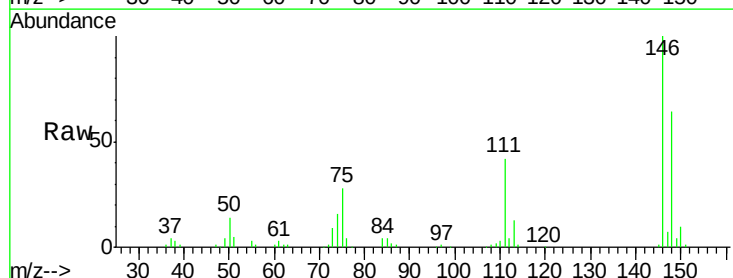
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

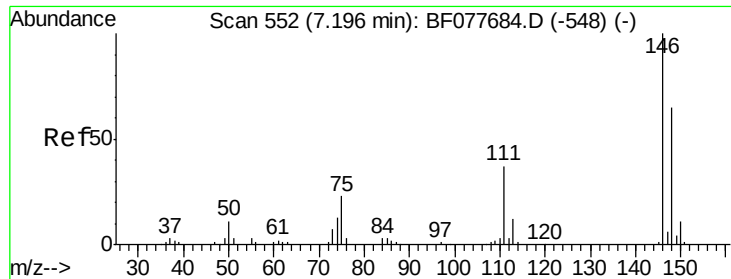
Tgt Ion: 93 Resp: 129428
Ion Ratio Lower Upper
93 100
63 75.3 49.5 89.5
95 32.3 13.5 53.5



#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

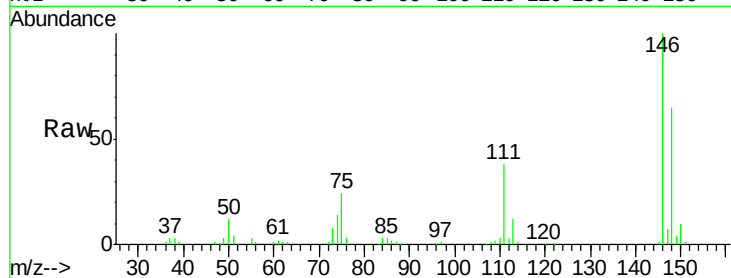




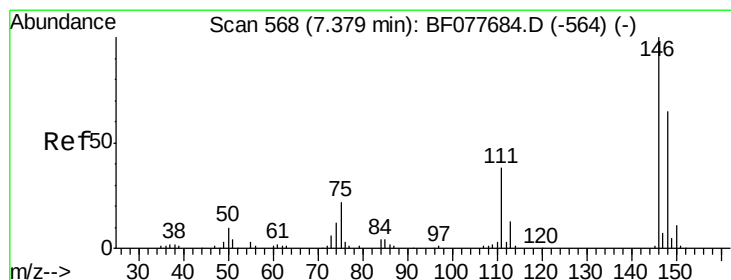
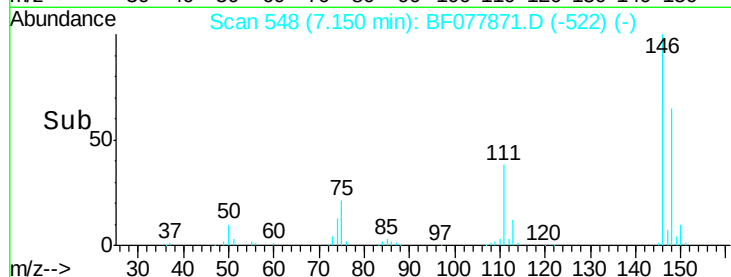
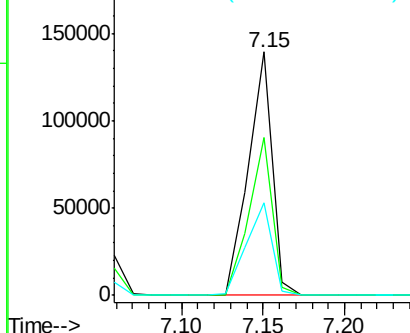
#13
1,4-Dichlorobenzene
Concen: 37.10 ng
RT: 7.15 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

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

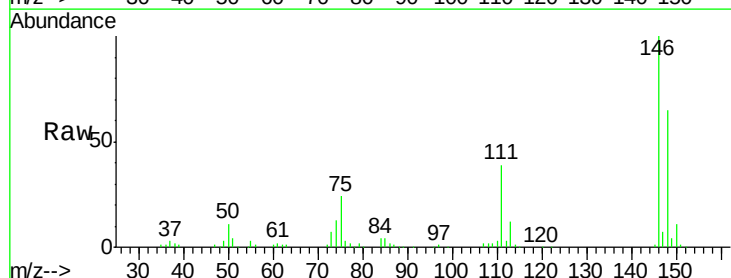


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

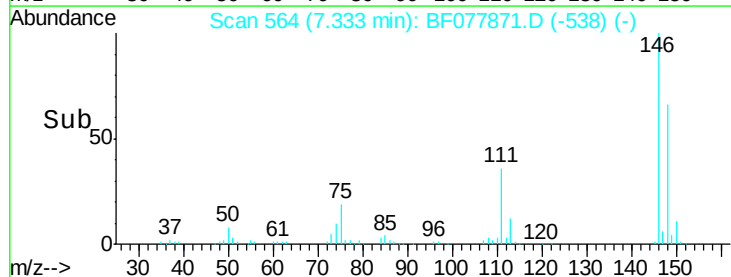
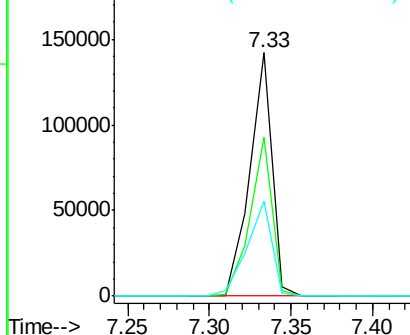


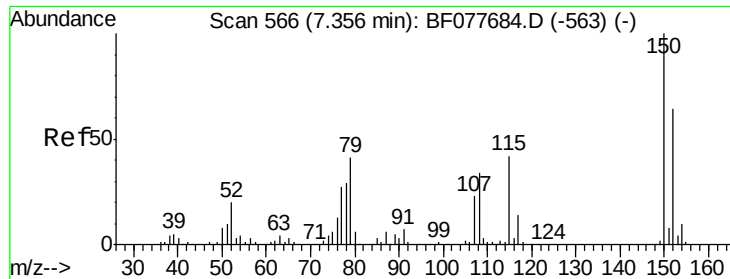
#14
1,2-Dichlorobenzene
Concen: 38.51 ng
RT: 7.33 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

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

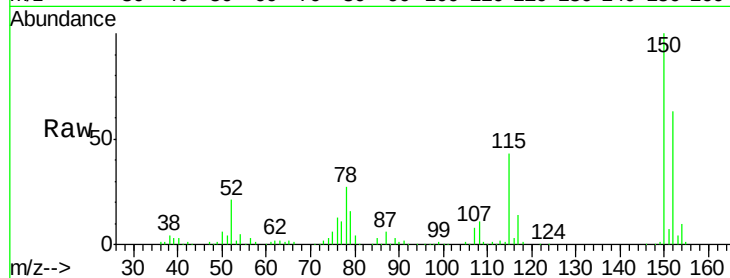
Tgt Ion: 79 Resp: 56361

Ion Ratio Lower Upper

79 100

108 67.0 65.0 97.4

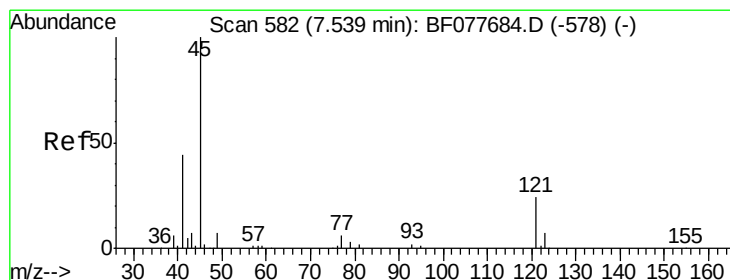
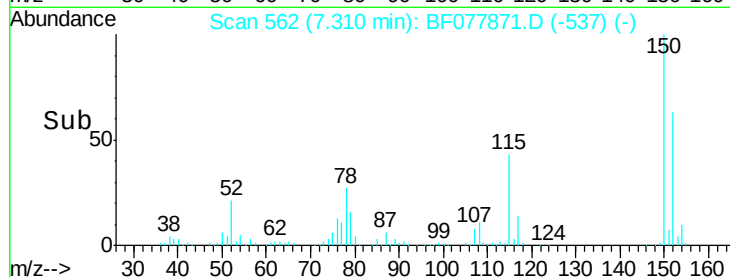
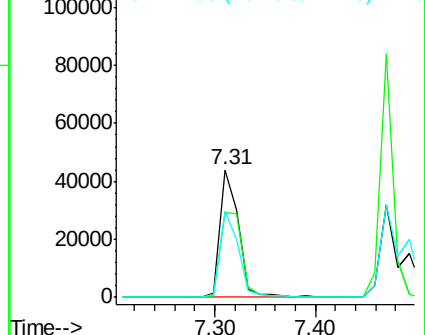
77 67.5 53.0 79.6



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

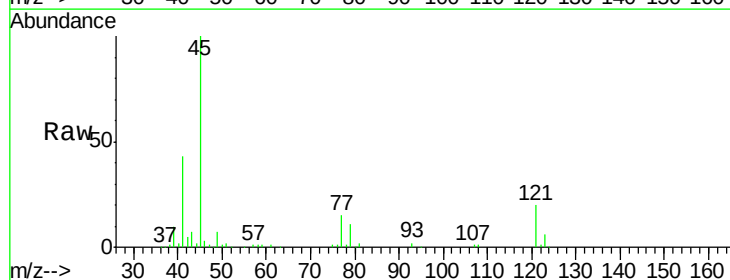
Tgt Ion: 45 Resp: 171865

Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.2

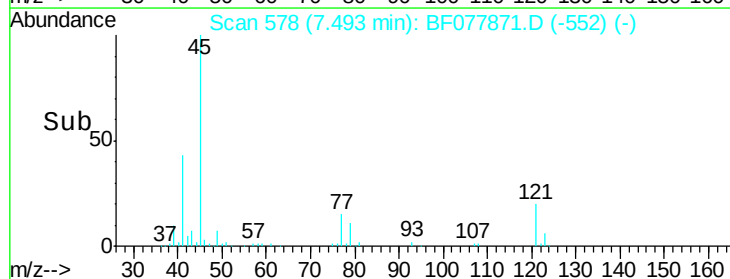
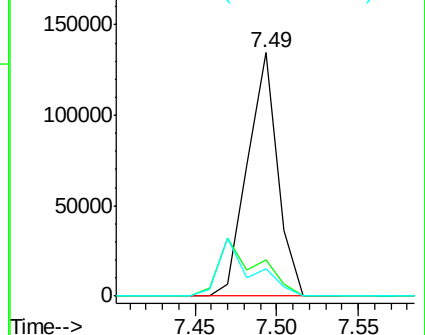
79 11.3 0.0 32.0

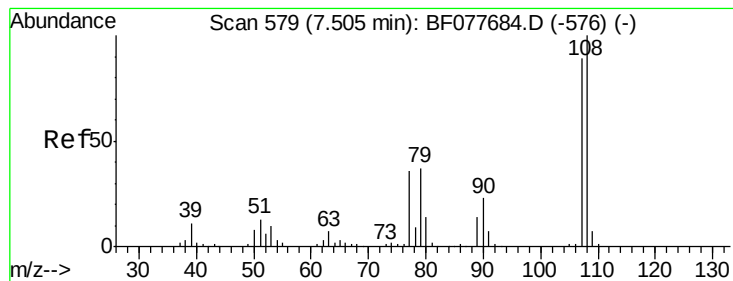


Abundance Ion 45.00 (44.70 to 45.70): BF0

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

Tgt Ion:107 Resp: 64219

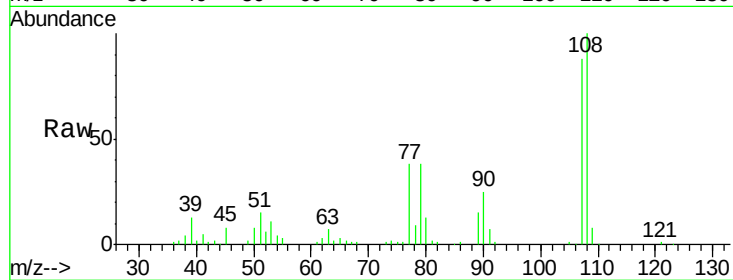
Ion Ratio Lower Upper

107 100

108 113.7 89.8 134.8

77 43.5 32.6 48.8

79 43.4 32.8 49.2

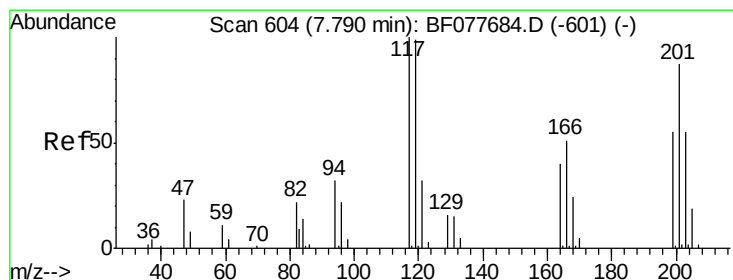
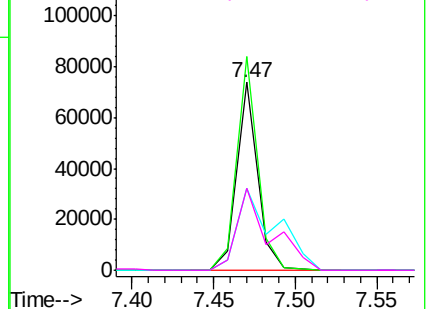
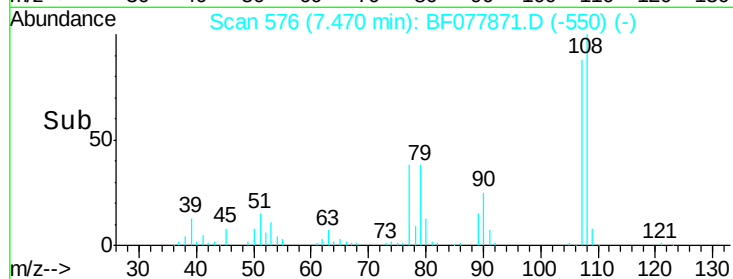


Abundance Ion 107.00 (106.70 to 107.70): E

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

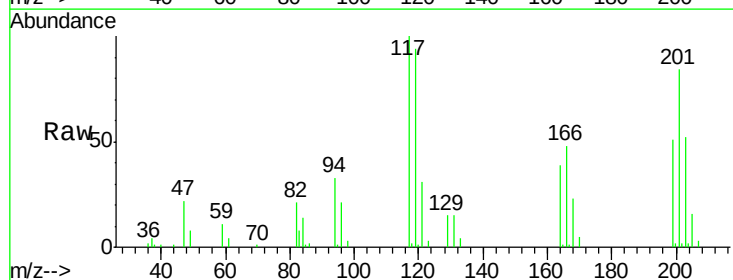
Tgt Ion:117 Resp: 46523

Ion Ratio Lower Upper

117 100

119 94.4 79.2 118.8

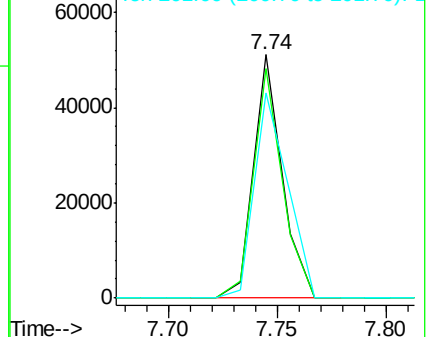
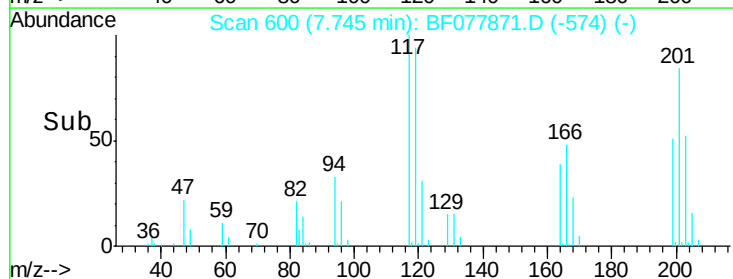
201 84.1 69.8 104.6

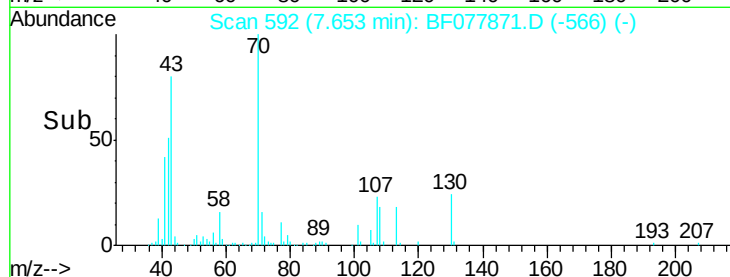
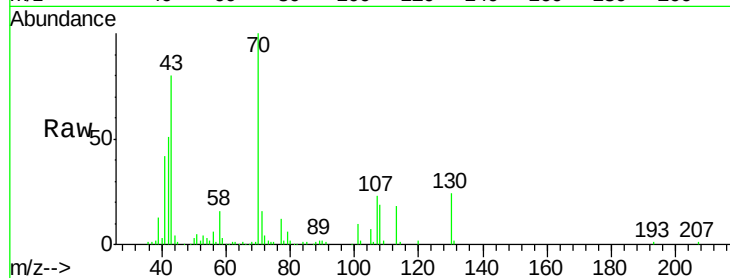
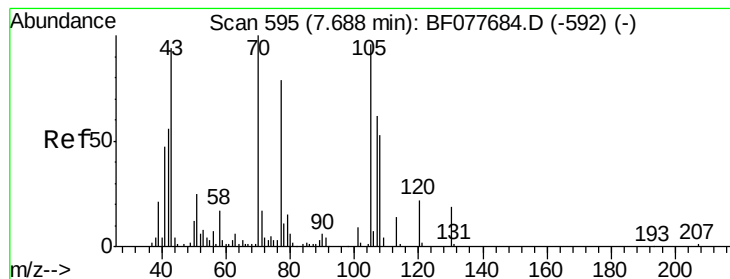


Abundance Ion 117.00 (116.70 to 117.70): E

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

Tgt Ion: 70 Resp: 98034

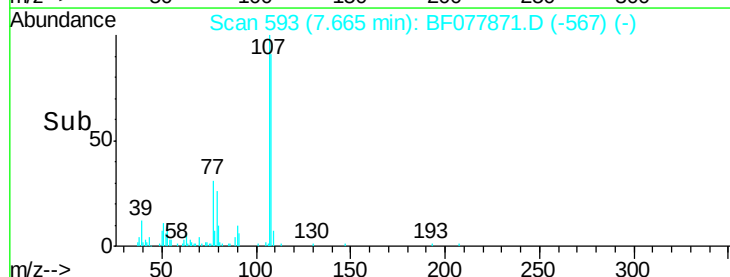
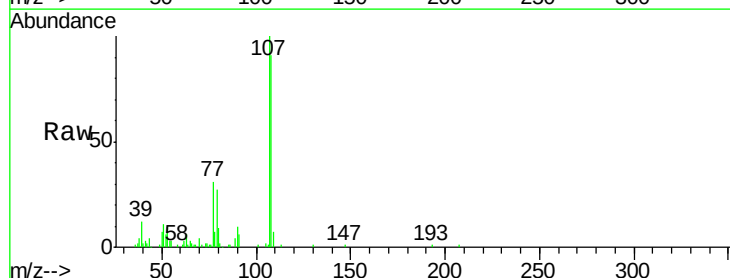
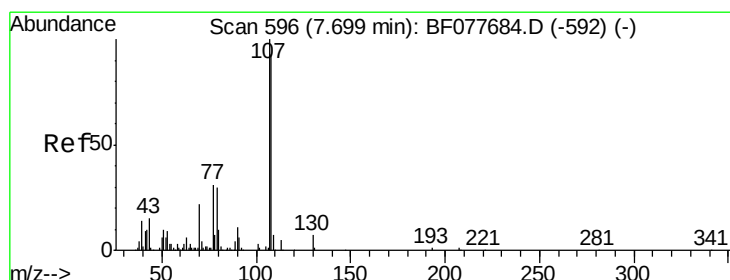
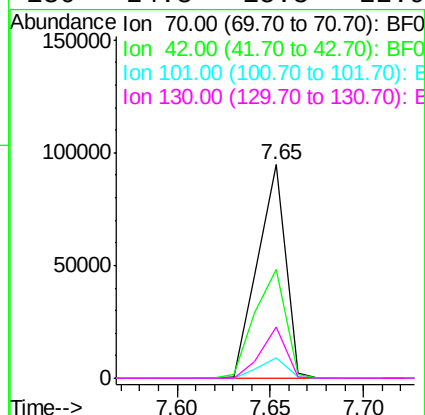
Ion Ratio Lower Upper

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

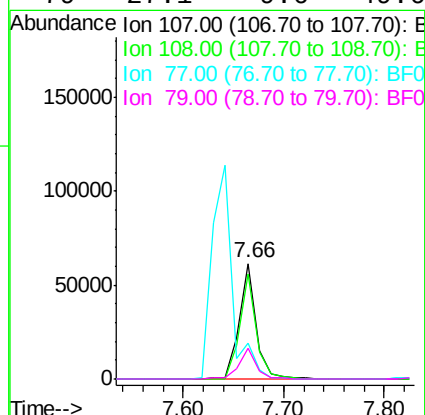
Ion Ratio Lower Upper

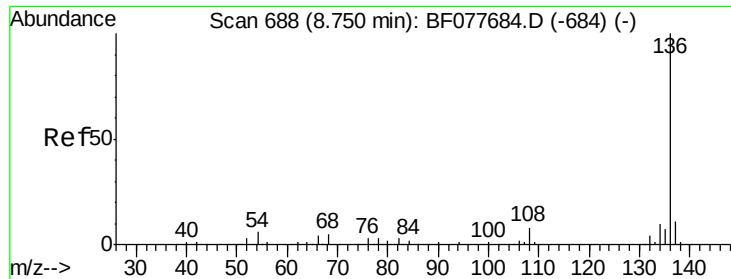
107 100

108 91.3 73.2 113.2

77 31.1 10.7 50.7

79 27.1 9.6 49.6

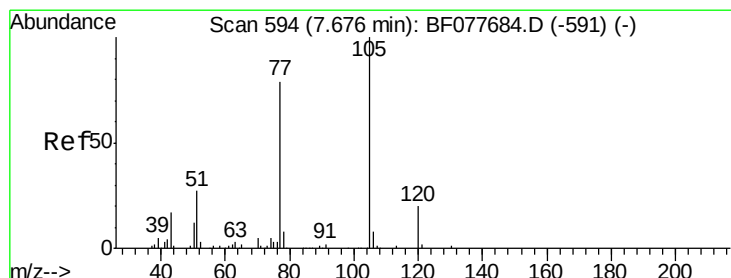
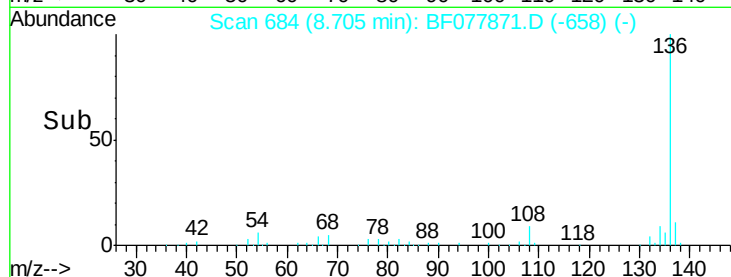
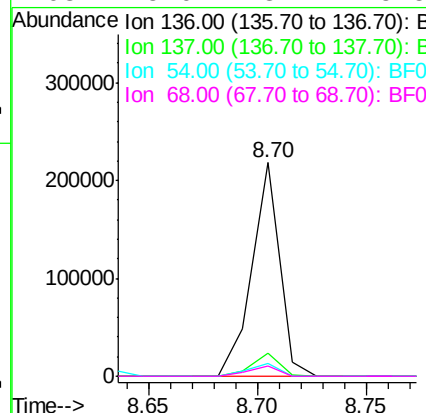
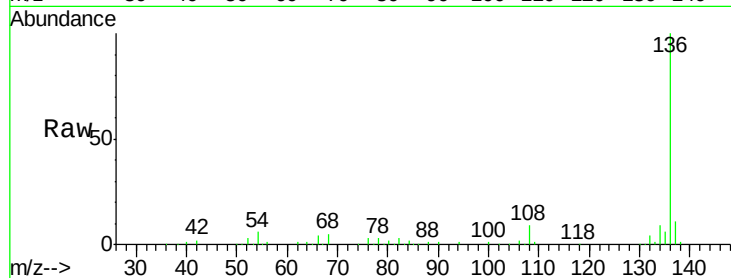




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

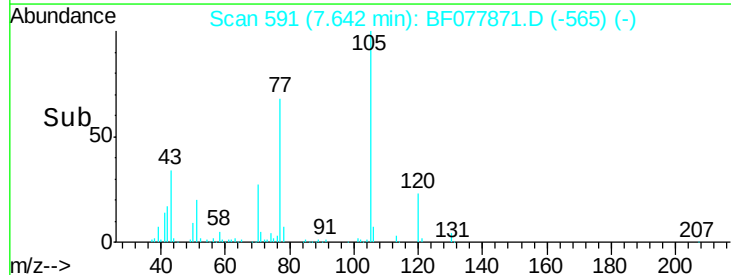
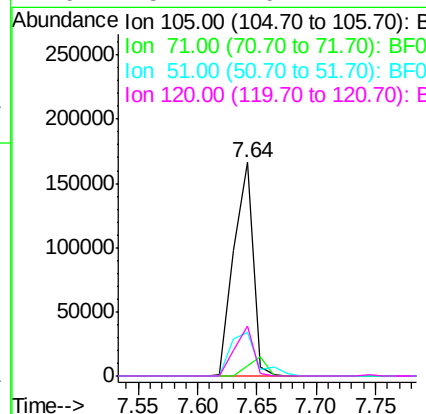
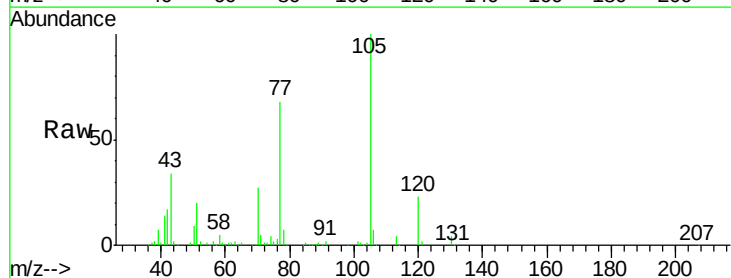
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

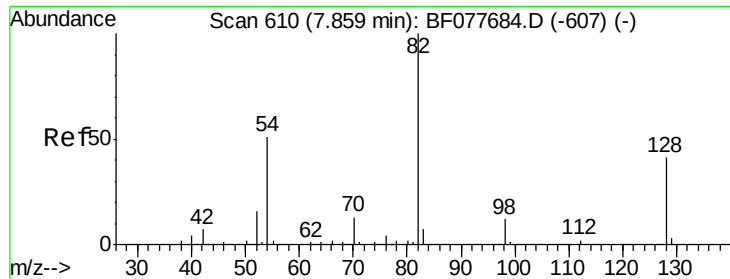
Tgt Ion:	136	Resp:	192845
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.7	13.1
54	6.2	4.6	6.8
68	5.0	3.7	5.5



#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

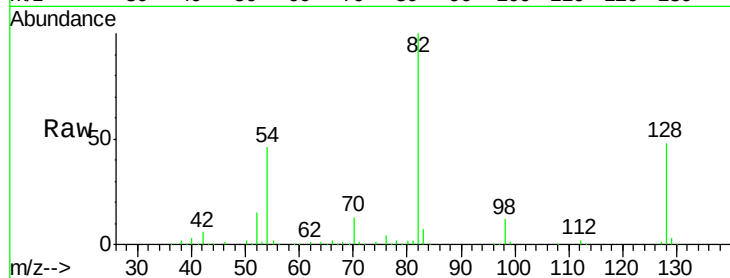




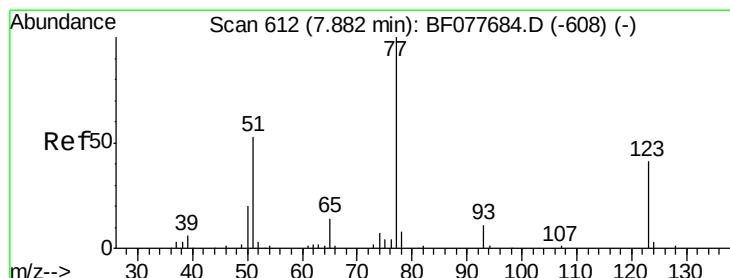
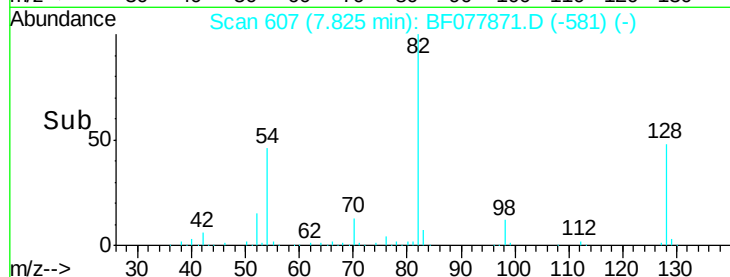
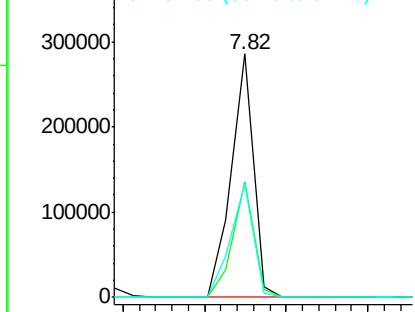
#23
 Nitrobenzene-d5
 Concen: 91.09 ng
 RT: 7.82 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

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

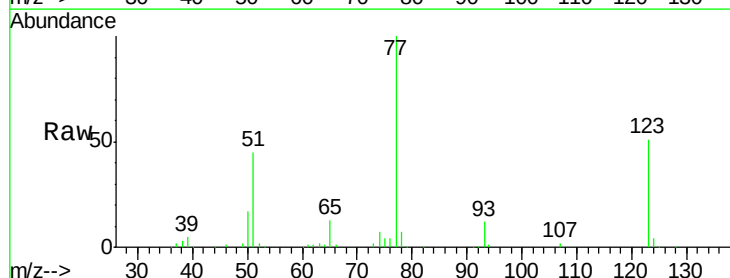


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

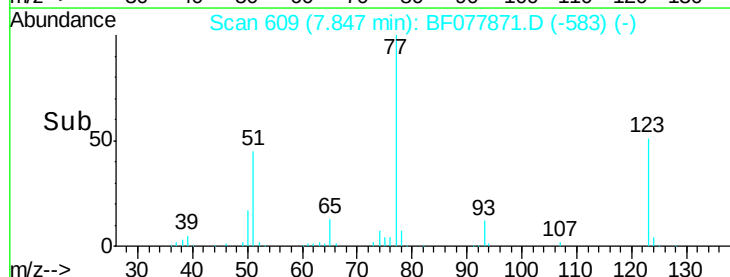
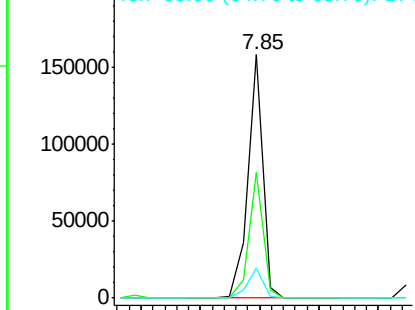


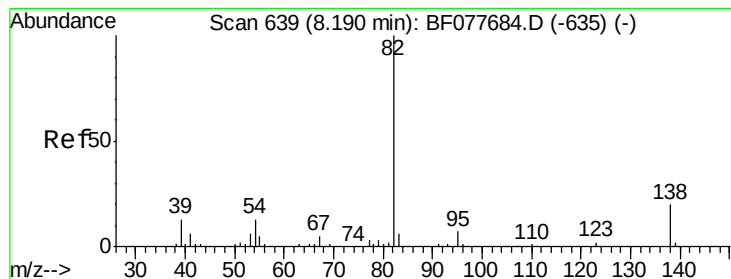
#24
 Nitrobenzene
 Concen: 43.98 ng
 RT: 7.85 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

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



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





#25

Isophorone

Concen: 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

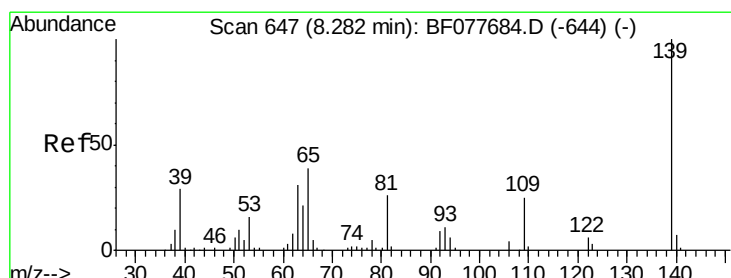
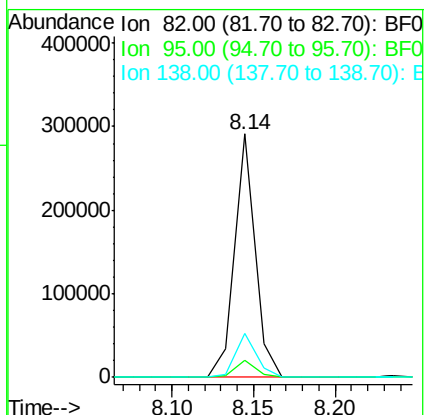
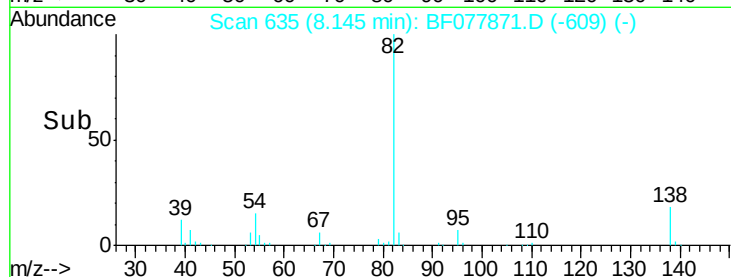
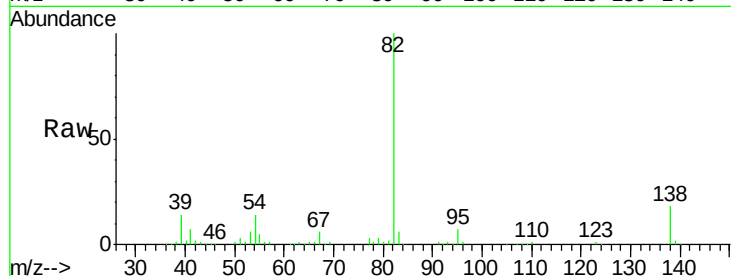
Tgt Ion: 82 Resp: 252167

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

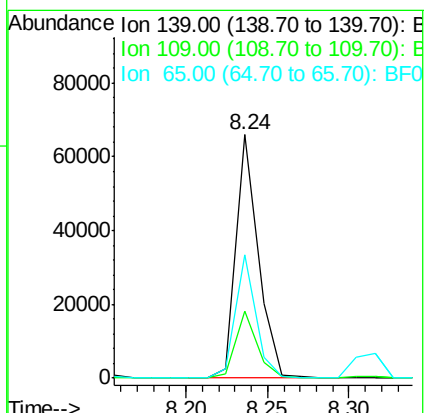
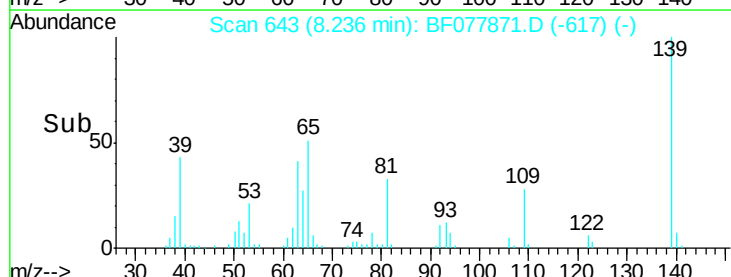
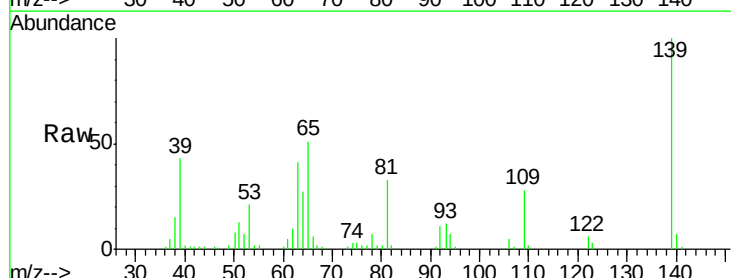
Tgt Ion: 139 Resp: 61753

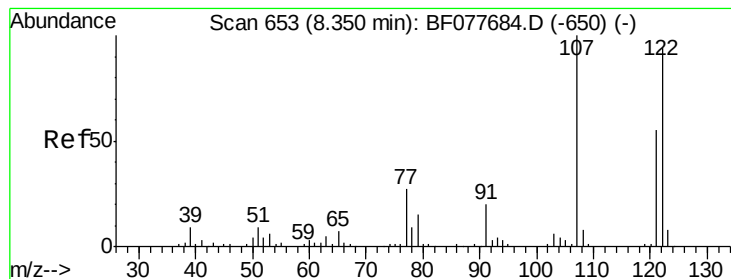
Ion Ratio Lower Upper

139 100

109 27.7 20.1 30.1

65 50.9 31.5 47.3#

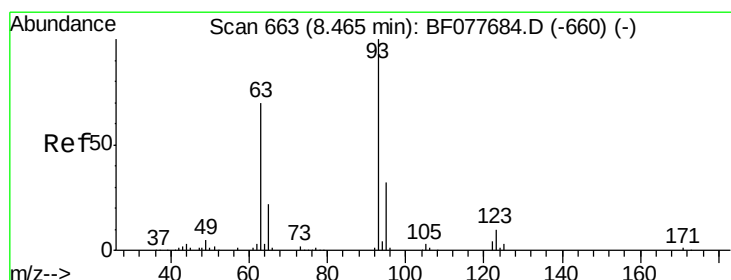
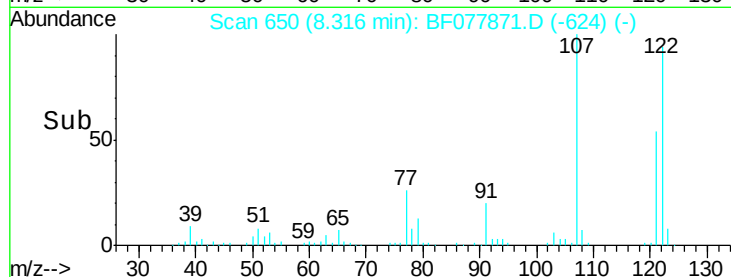
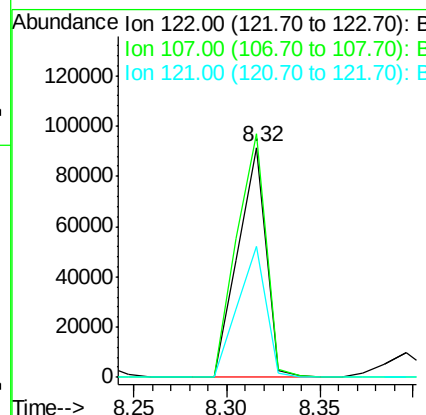
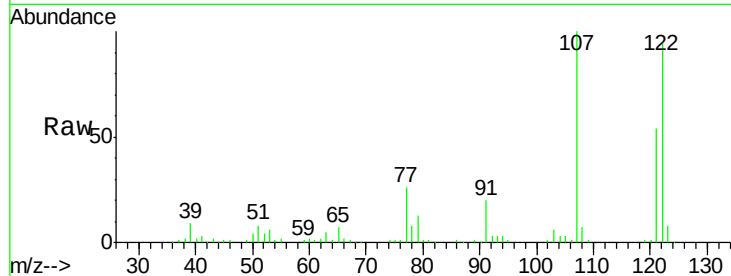




#27
 2,4-Dimethylphenol
 Concen: 34.37 ng
 RT: 8.32 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

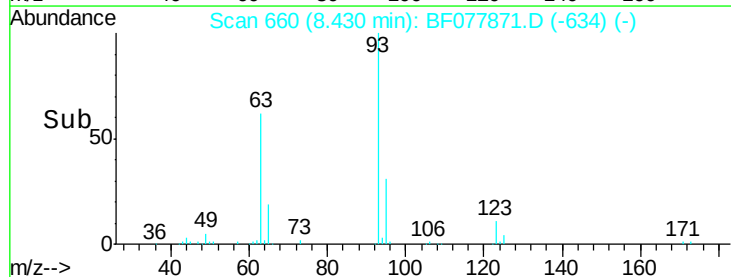
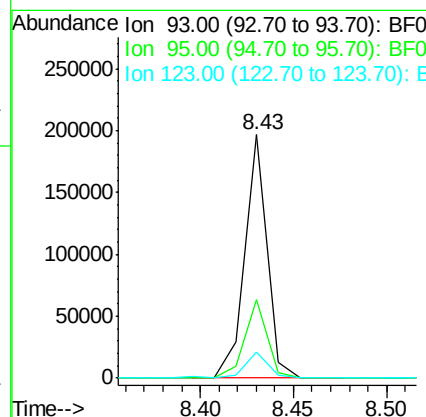
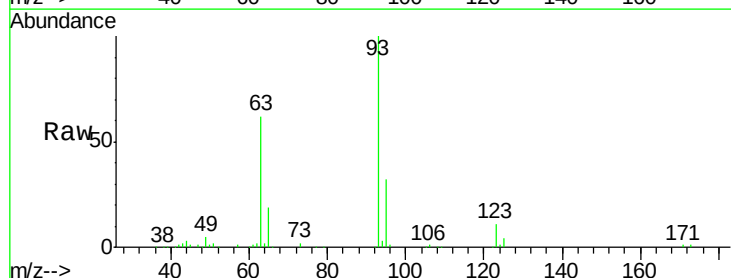
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

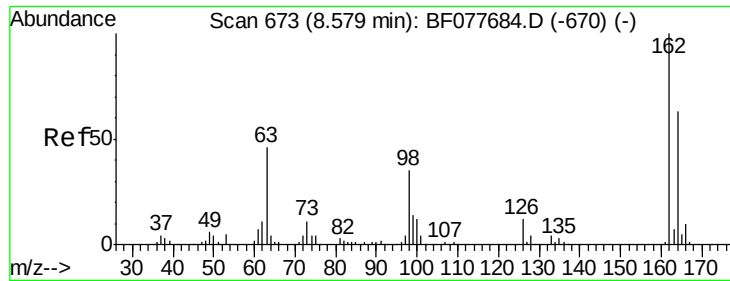
Tgt Ion:122 Resp: 97168
 Ion Ratio Lower Upper
 122 100
 107 105.9 84.7 127.1
 121 57.0 46.6 69.8



#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

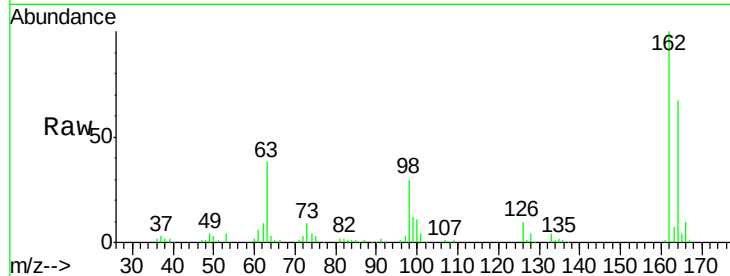




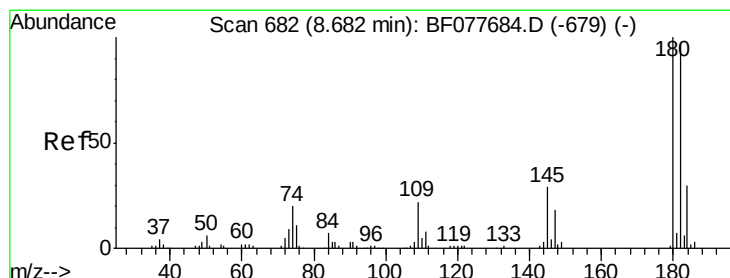
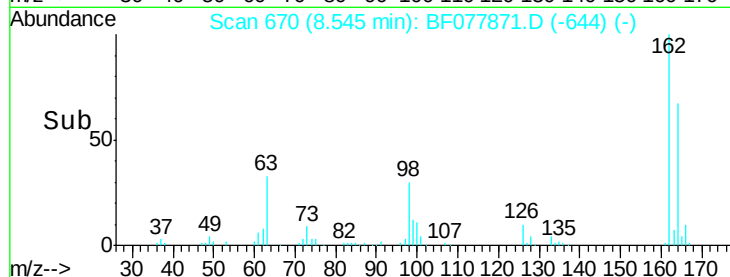
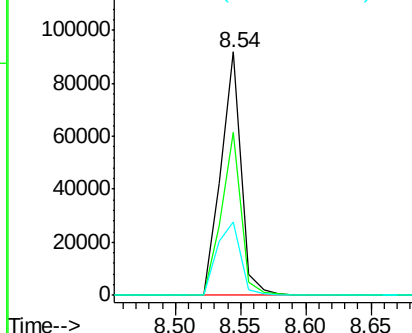
#29
 2,4-Dichlorophenol
 Concen: 36.94 ng
 RT: 8.54 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

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

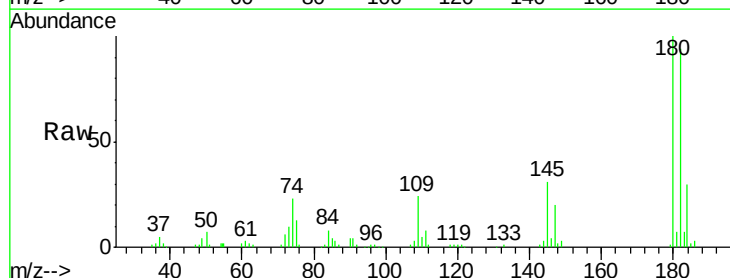


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

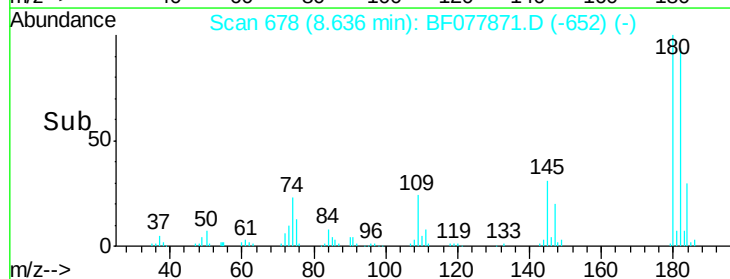
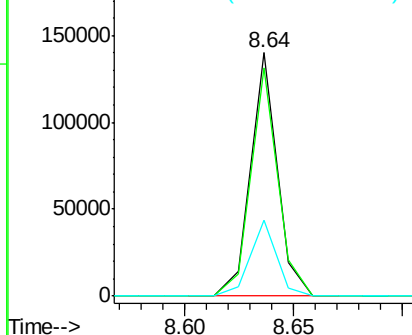


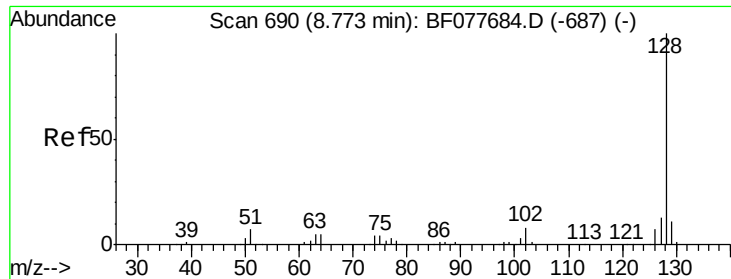
#30
 1,2,4-Trichlorobenzene
 Concen: 39.68 ng
 RT: 8.64 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

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

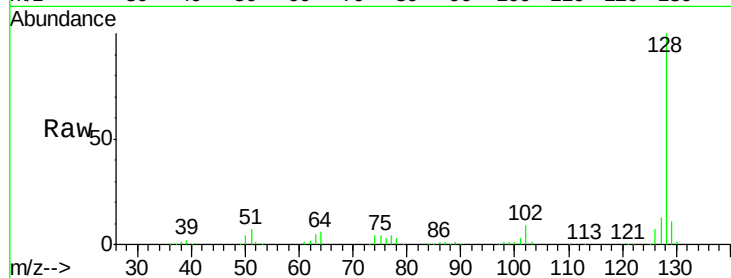




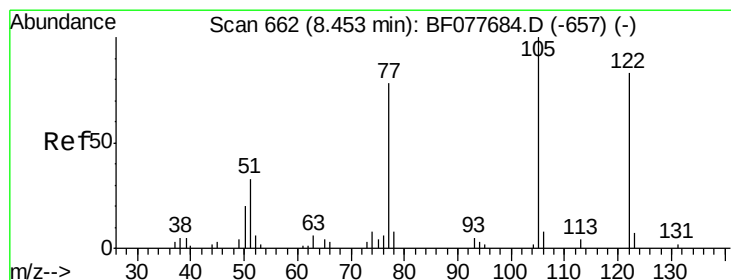
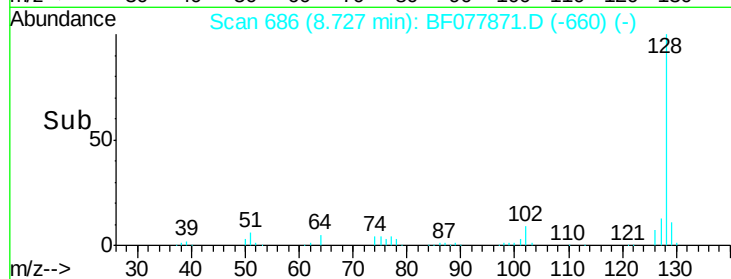
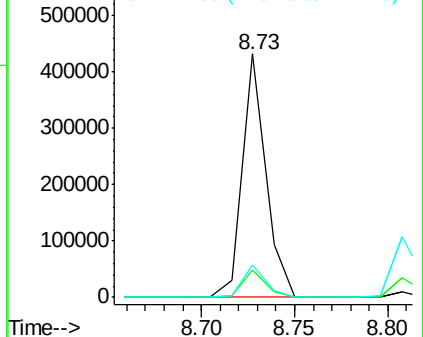
#31
Naphthalene
Concen: 38.76 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

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

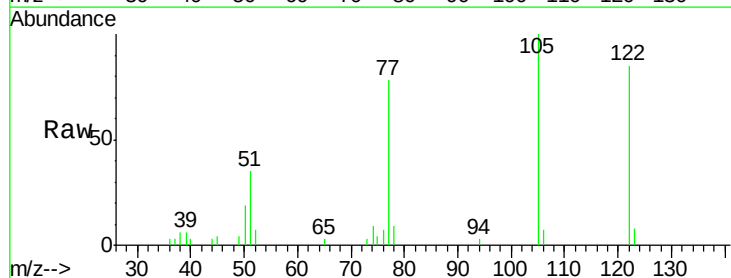


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

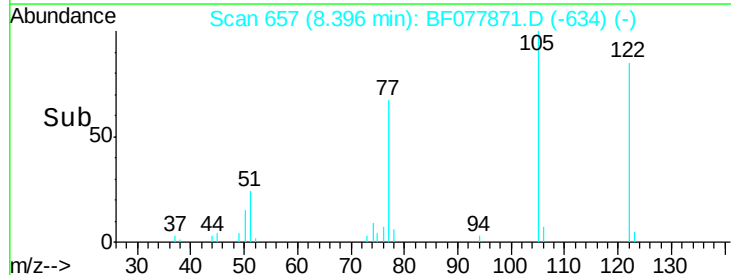
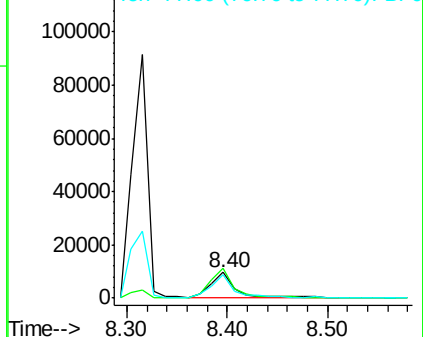


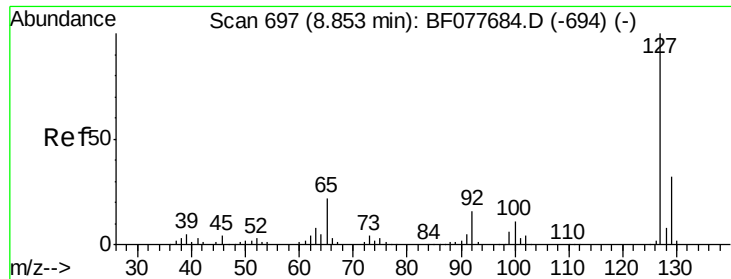
#32
Benzoic acid
Concen: 13.22 ng
RT: 8.40 min Scan# 657
Delta R.T. -0.03 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

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

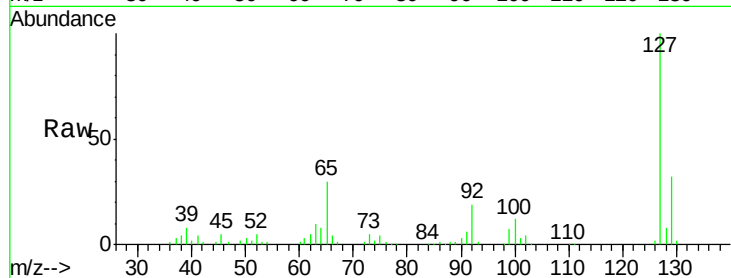




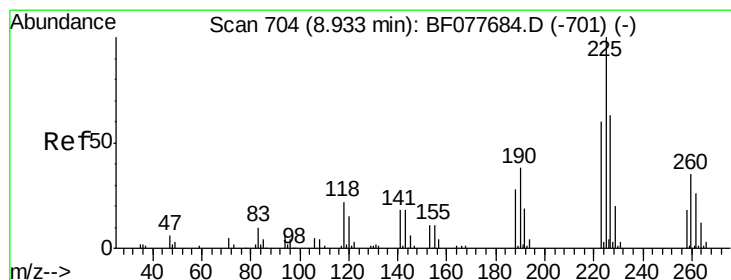
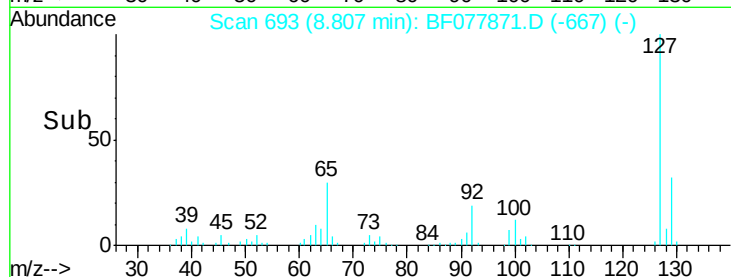
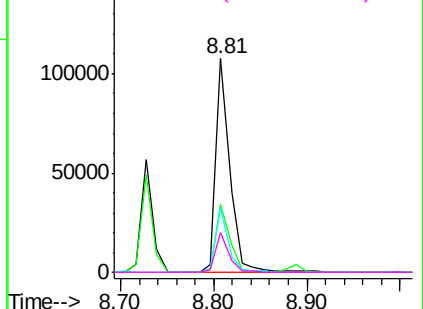
#33
4-Chloroaniline
Concen: 27.78 ng
RT: 8.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

Tgt 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

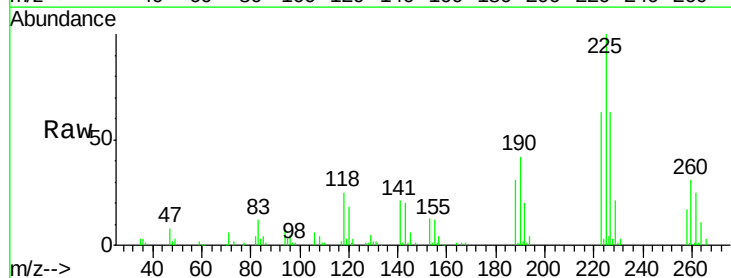


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

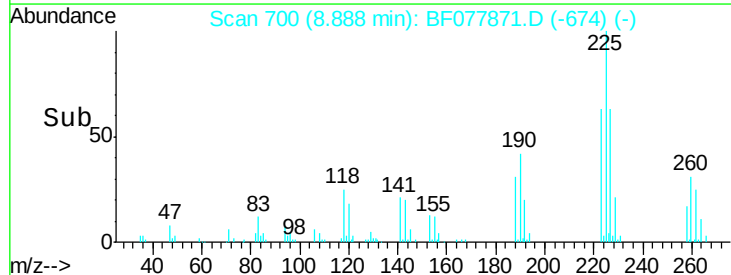
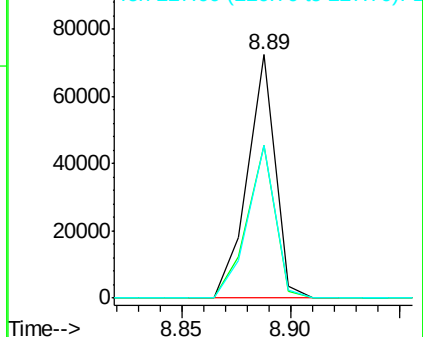


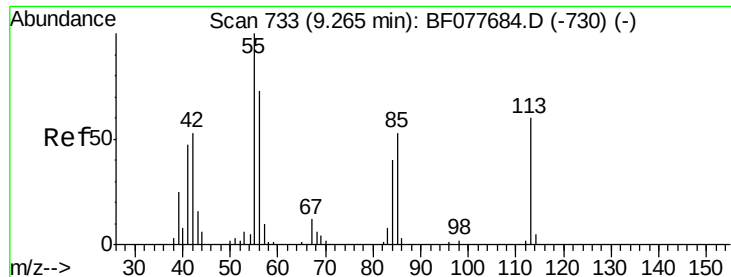
#34
Hexachlorobutadiene
Concen: 37.70 ng
RT: 8.89 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

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

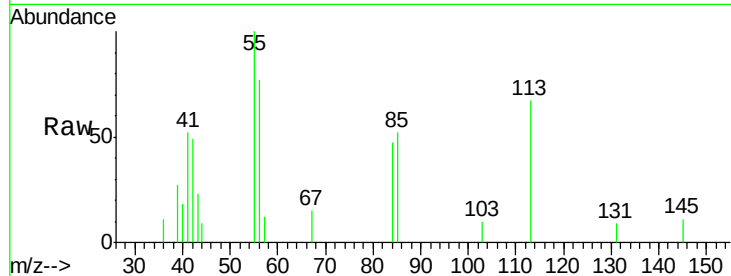




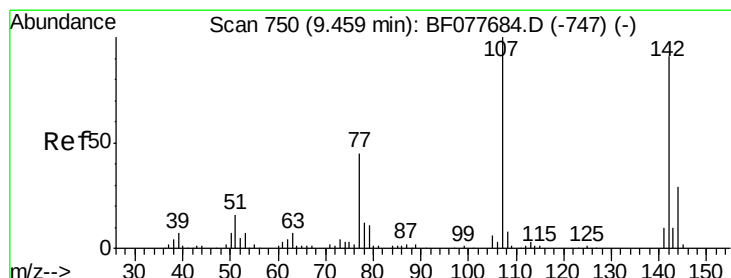
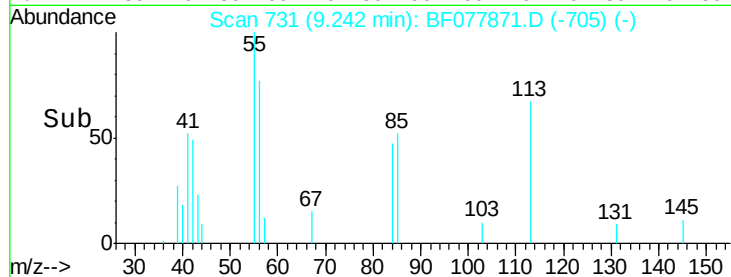
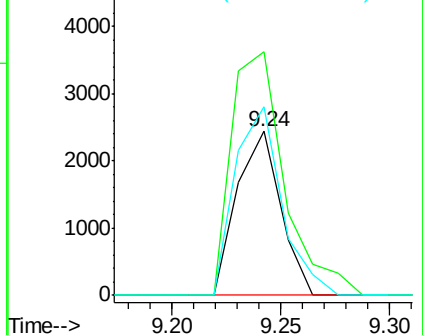
#35
 Caprolactam
 Concen: 4.32 ng
 RT: 9.24 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Tgt Ion:113 Resp: 3401
 Ion Ratio Lower Upper
 113 100
 55 148.8 145.9 185.9
 56 115.2 101.0 141.0

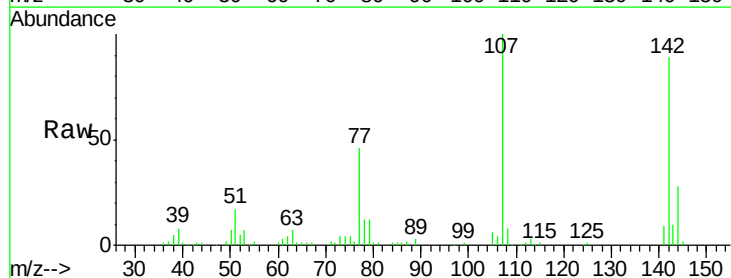


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

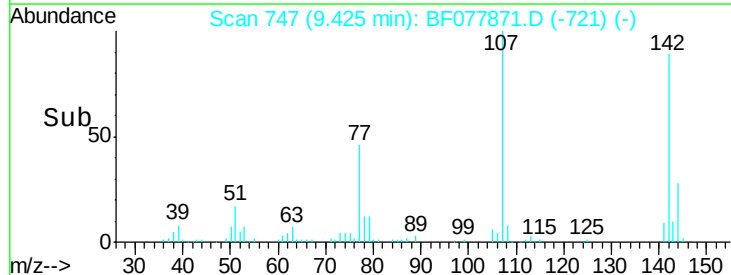
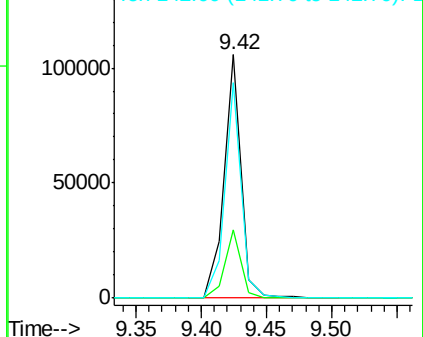


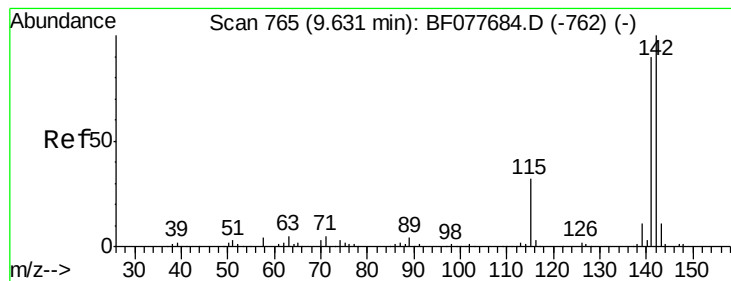
#36
 4-Chloro-3-methylphenol
 Concen: 35.75 ng
 RT: 9.42 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

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

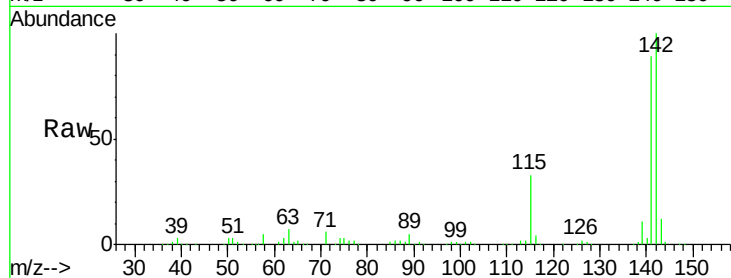
Tgt Ion:142 Resp: 273321

Ion Ratio Lower Upper

142 100

141 89.4 71.9 107.9

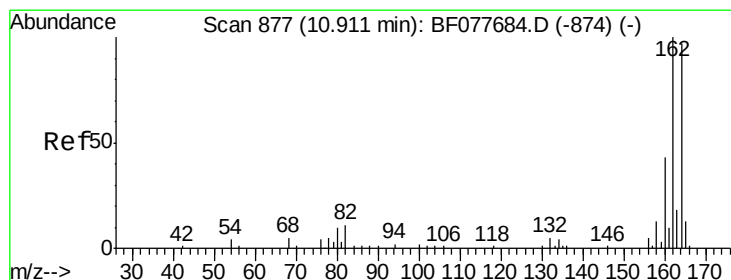
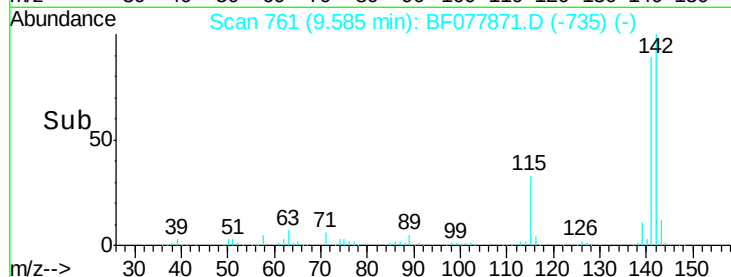
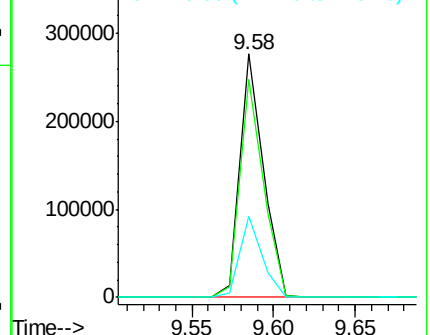
115 33.2 25.4 38.0



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

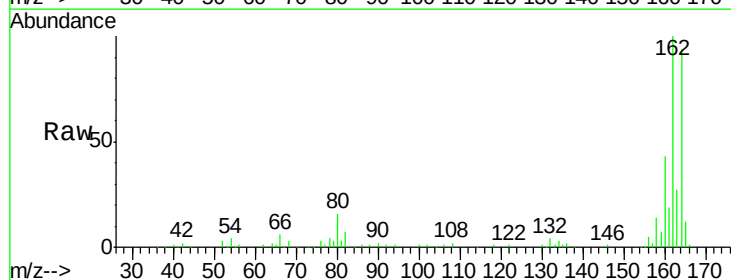
Tgt Ion:164 Resp: 98108

Ion Ratio Lower Upper

164 100

162 106.2 82.4 123.6

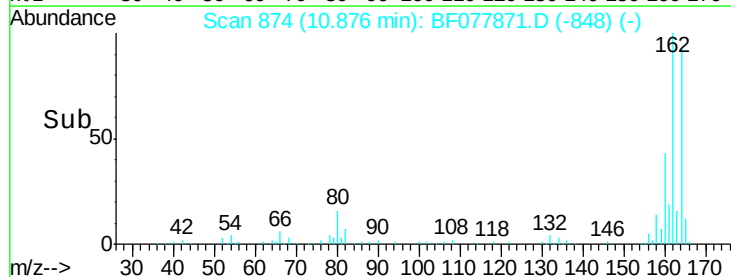
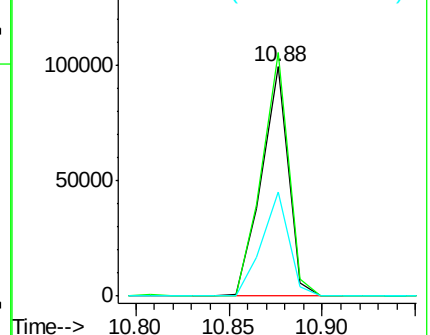
160 45.4 35.8 53.6

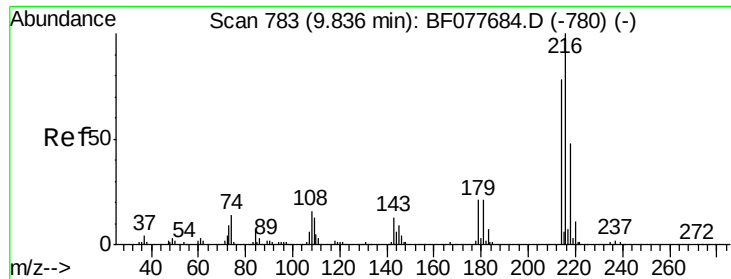


Abundance Ion 164.00 (163.70 to 164.70): E

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

Tgt Ion:216 Resp: 113645

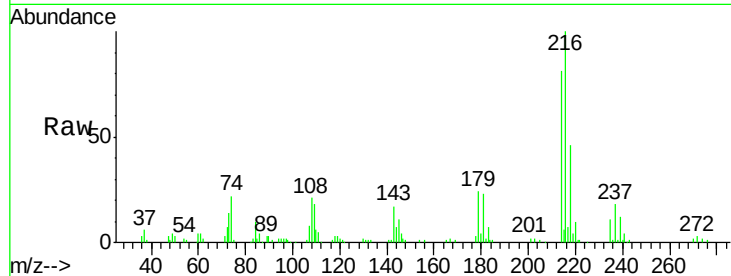
Ion Ratio Lower Upper

216 100

214 80.1 0.0 0.0#

179 22.3 0.0 0.0#

108 21.3 0.0 0.0#

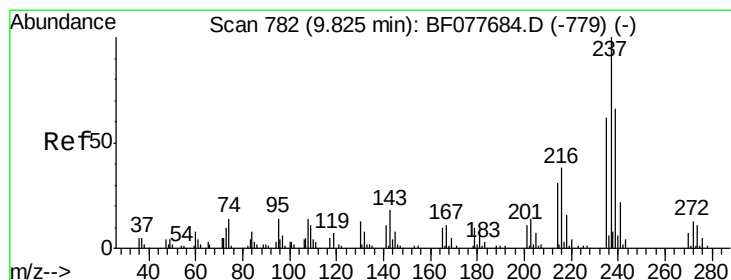
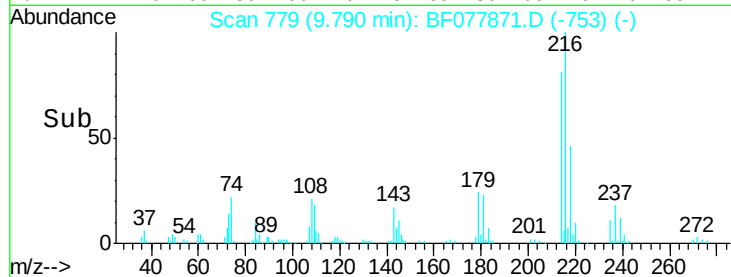
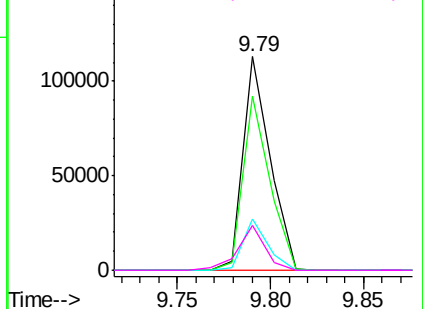


Abundance Ion 216.00 (215.70 to 216.70): E

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

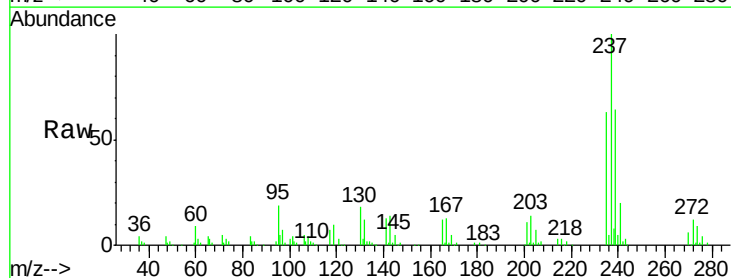
Tgt Ion:237 Resp: 117983

Ion Ratio Lower Upper

237 100

235 63.0 42.0 82.0

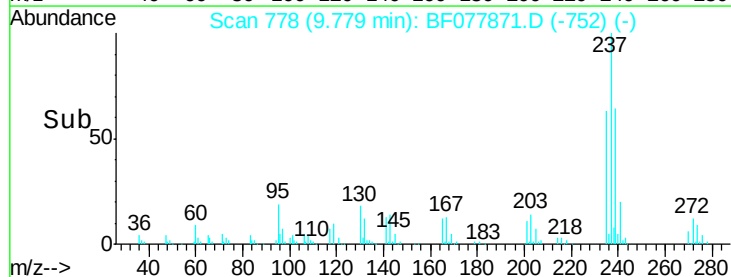
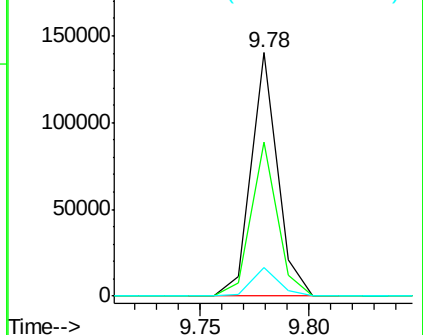
272 11.8 0.0 33.4

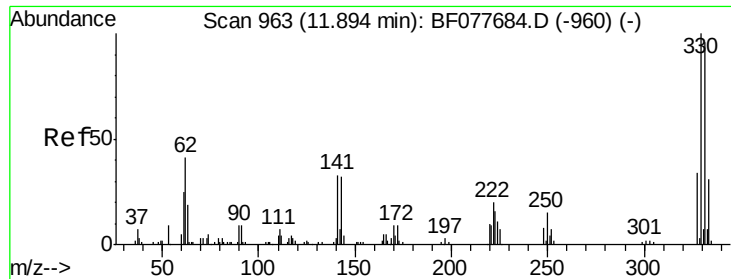


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

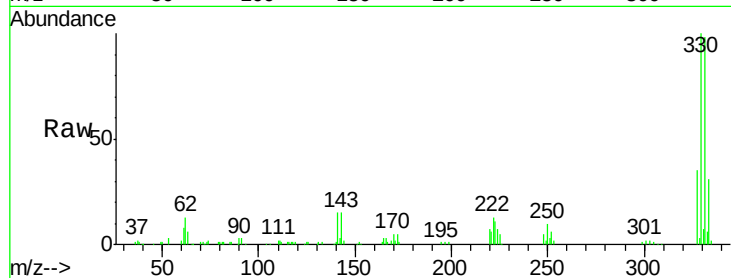




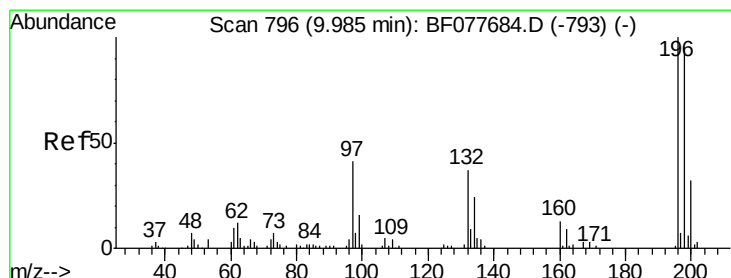
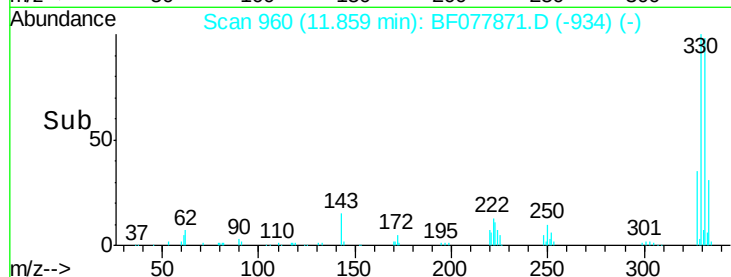
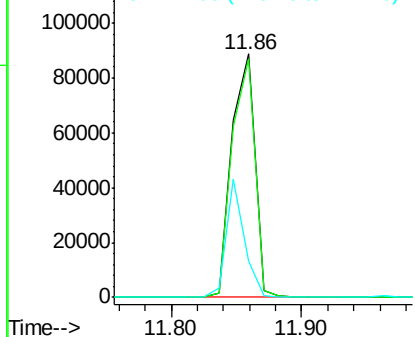
#41
 2,4,6-Tribromophenol
 Concen: 115.98 ng
 RT: 11.86 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Tgt Ion:330 Resp: 108872
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 38.0 0.0 0.0#

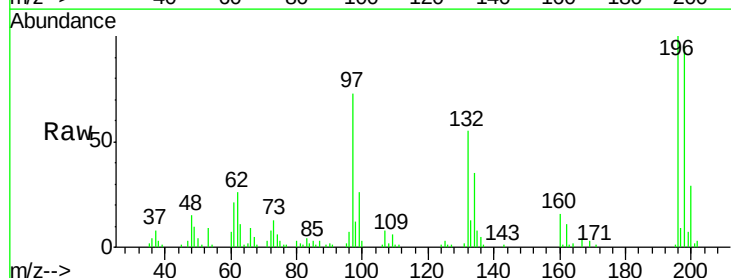


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

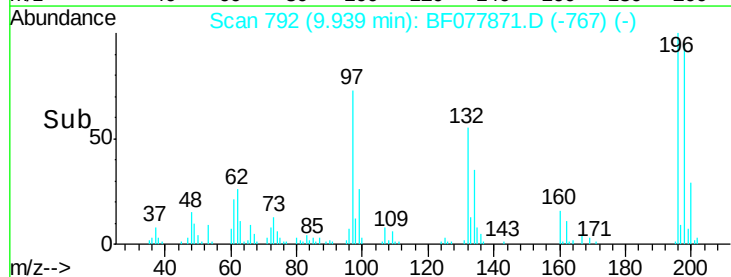
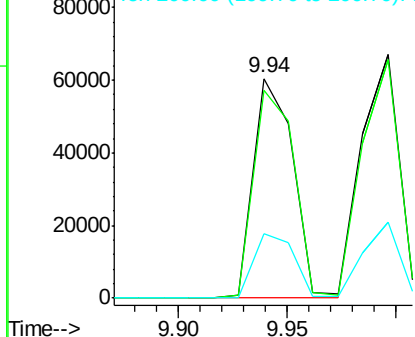


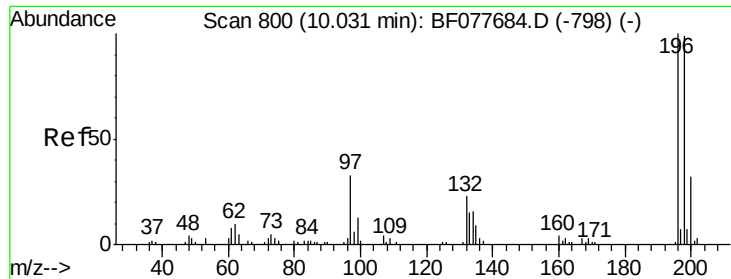
#42
 2,4,6-Trichlorophenol
 Concen: 37.89 ng
 RT: 9.94 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Tgt Ion:196 Resp: 76797
 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

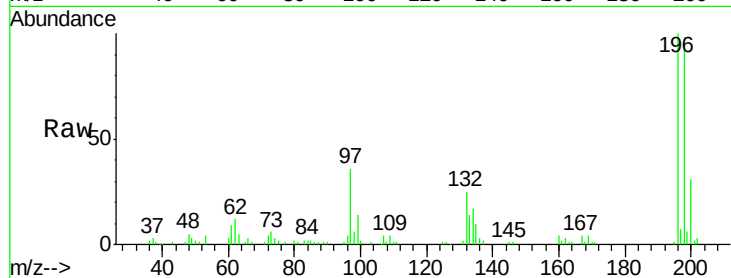




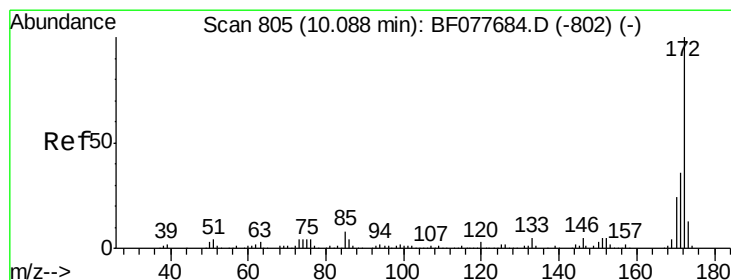
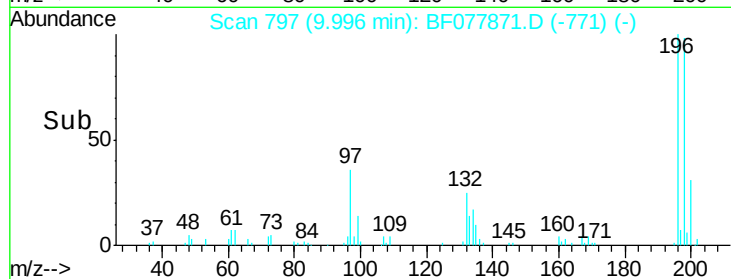
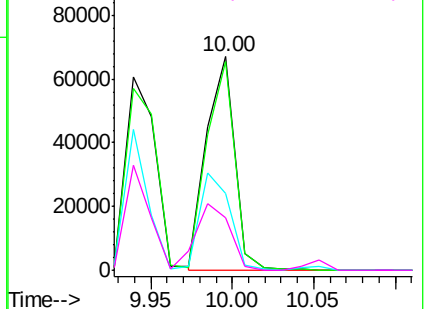
#43
 2,4,5-Trichlorophenol
 Concen: 37.33 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

Tgt 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

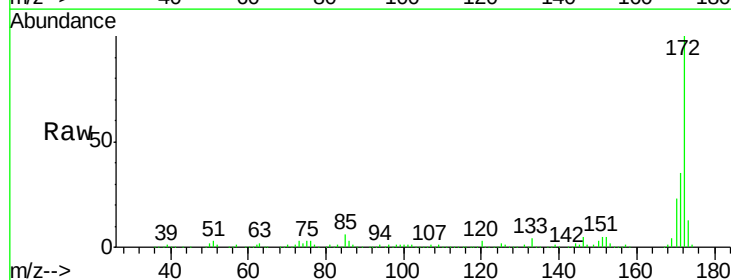


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

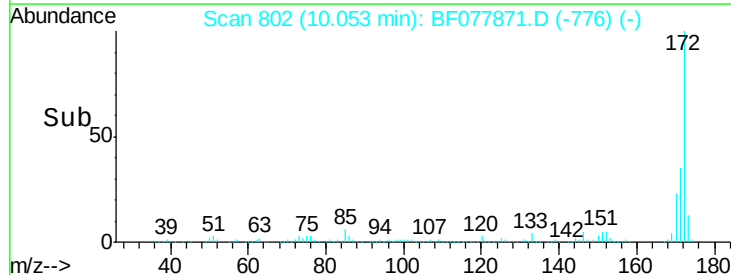
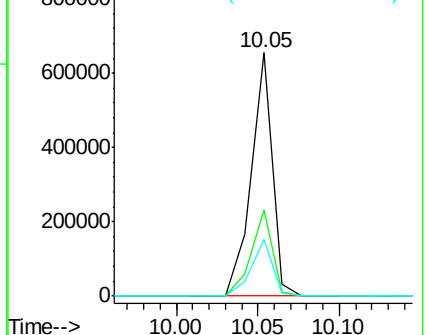


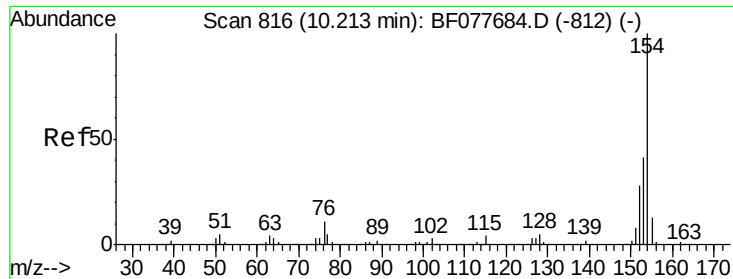
#44
 2-Fluorobiphenyl
 Concen: 87.86 ng
 RT: 10.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

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

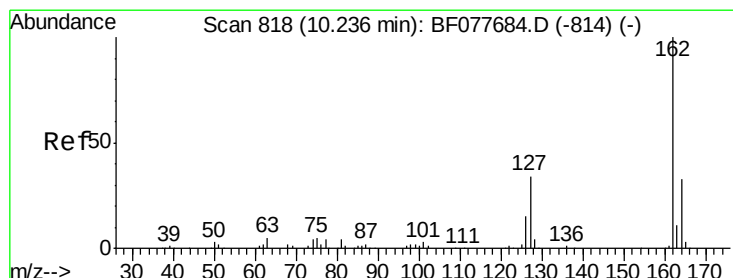
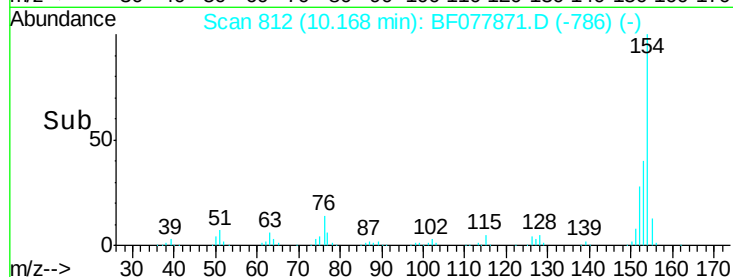
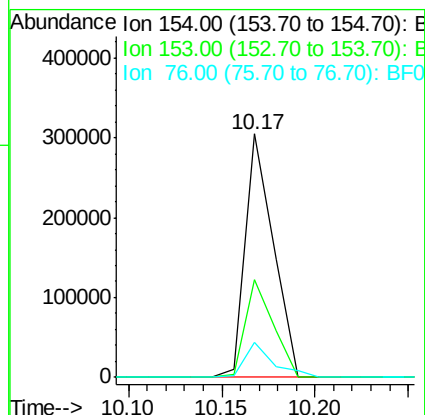
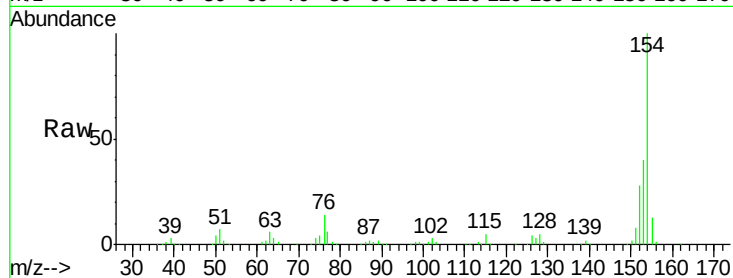




#45
1,1'-Biphenyl
Concen: 40.62 ng
RT: 10.17 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

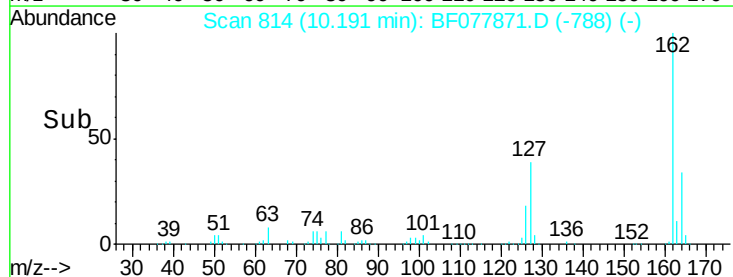
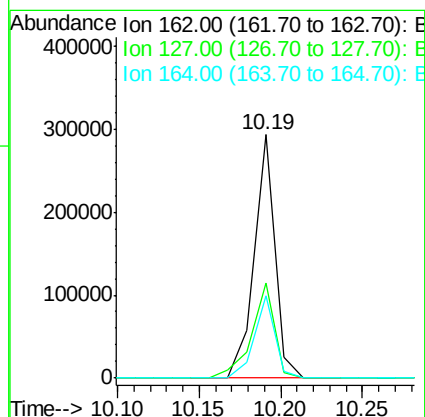
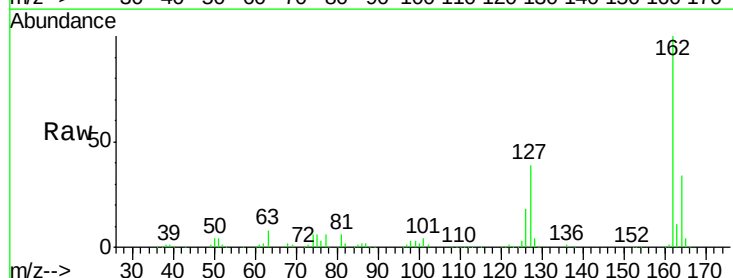
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

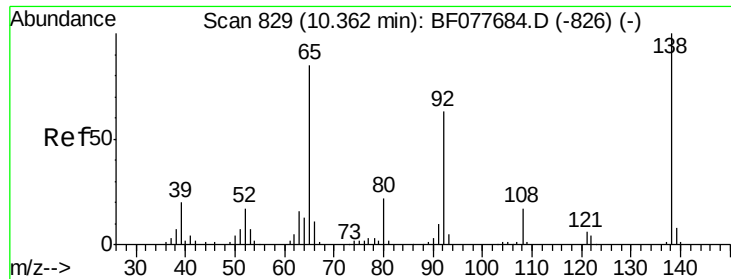
Tgt Ion:154 Resp: 318550
Ion Ratio Lower Upper
154 100
153 40.1 20.7 60.7
76 14.3 0.0 30.9



#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

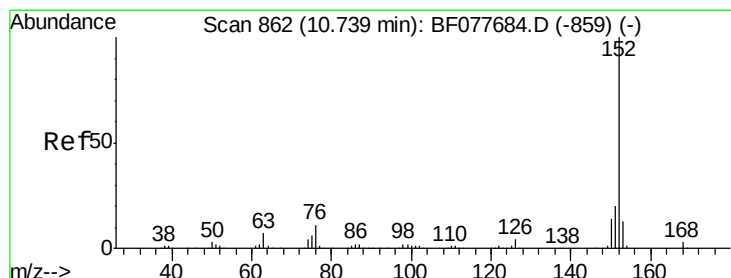
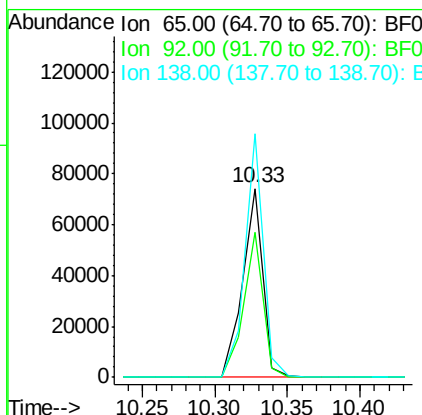
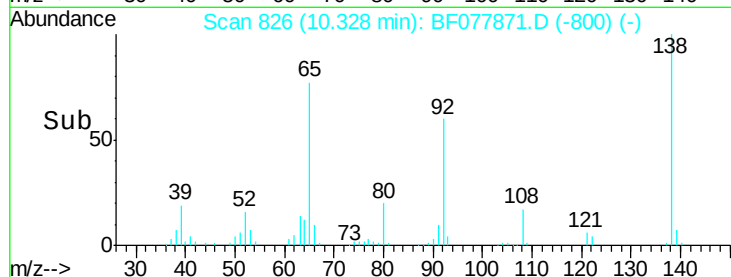
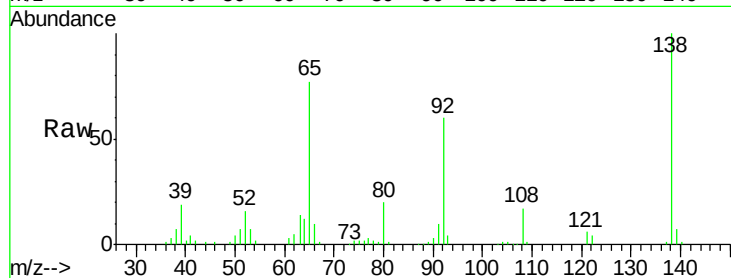




#47
2-Nitroaniline
Concen: 45.35 ng
RT: 10.33 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

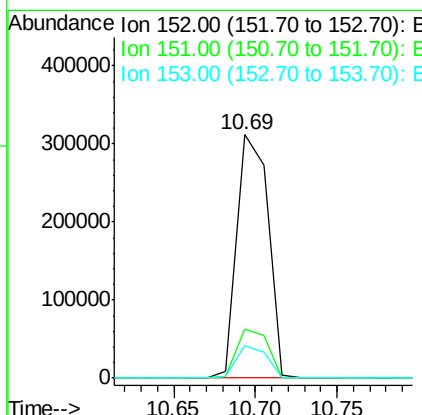
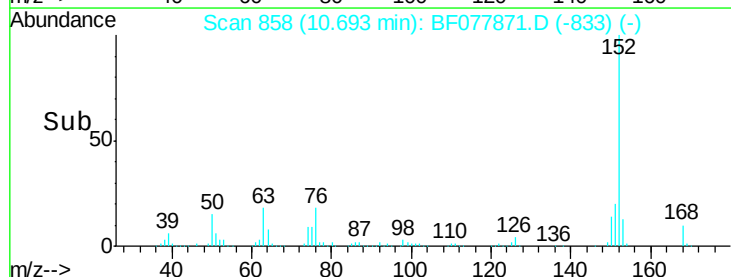
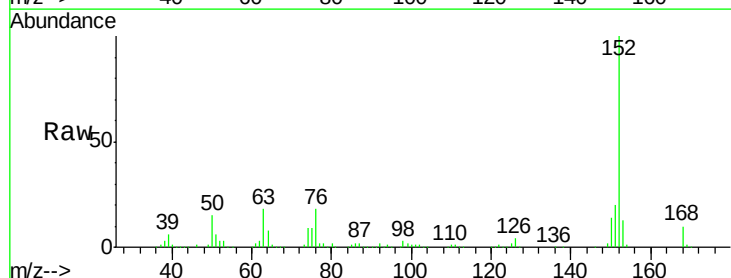
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

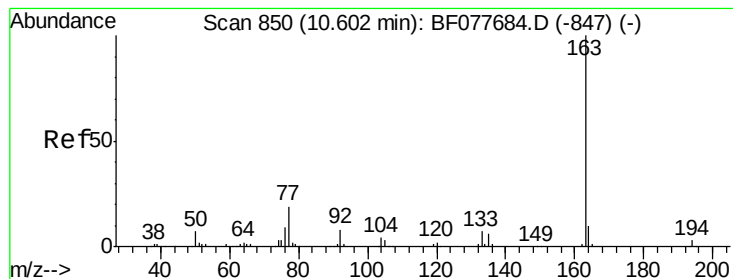
Tgt Ion: 65 Resp: 71785
Ion Ratio Lower Upper
65 100
92 77.0 59.1 88.7
138 129.1 93.9 140.9



#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

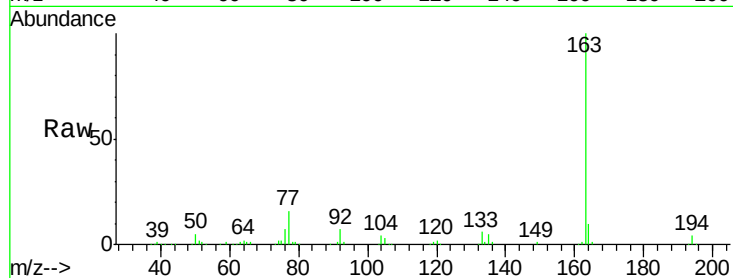
Tgt Ion:163 Resp: 317181

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

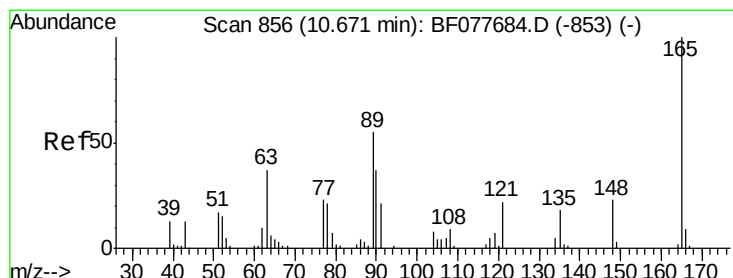
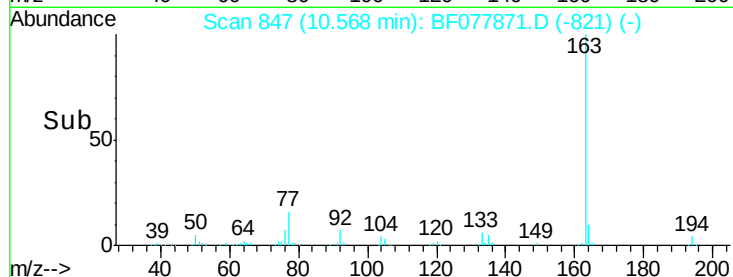
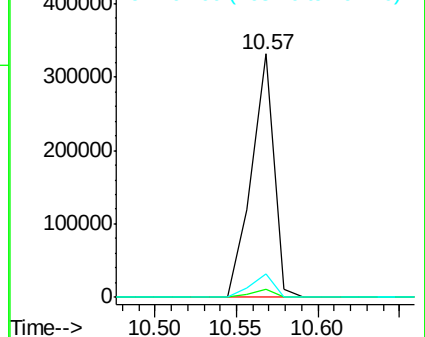
164 9.6 8.2 12.2



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

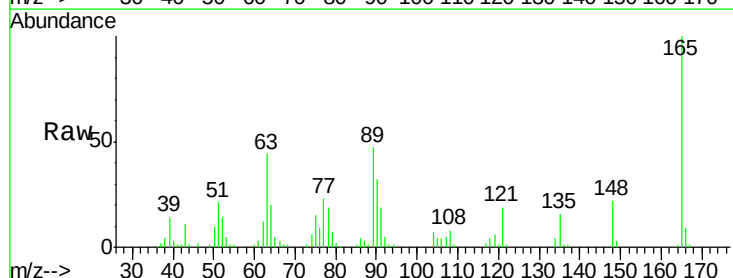
Tgt Ion:165 Resp: 69864

Ion Ratio Lower Upper

165 100

63 43.8 44.1 66.1#

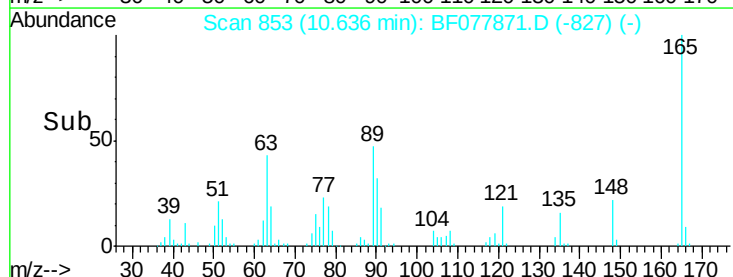
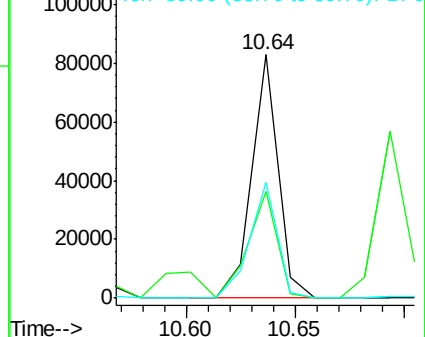
89 47.4 44.3 66.5

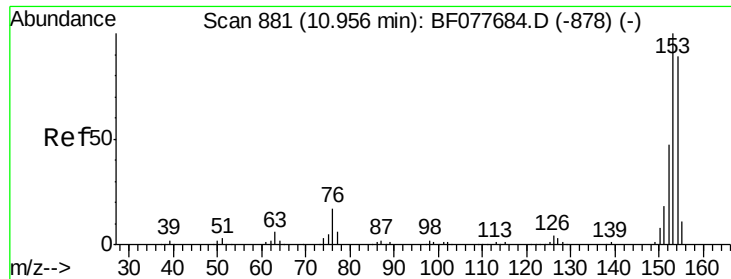


Abundance Ion 165.00 (164.70 to 165.70): E

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

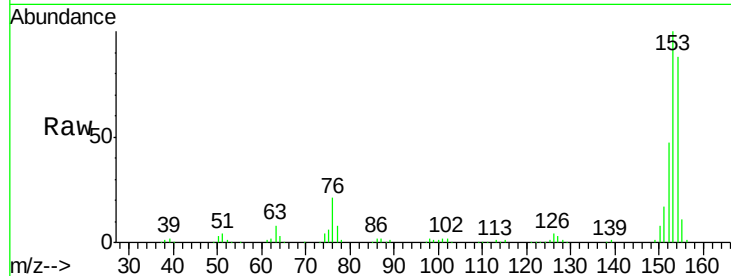
Tgt Ion:154 Resp: 233772

Ion Ratio Lower Upper

154 100

153 113.0 90.0 135.0

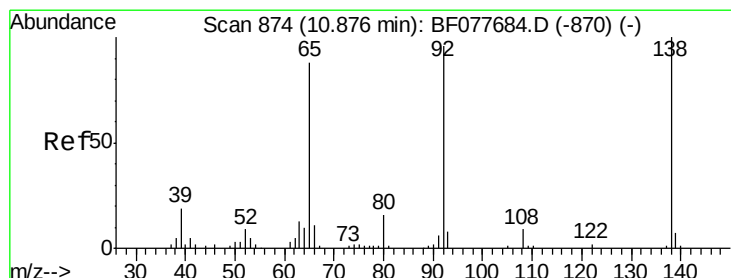
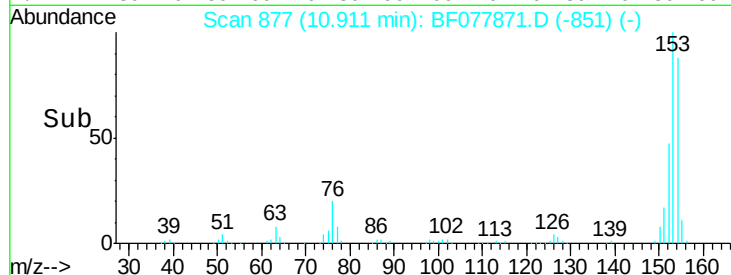
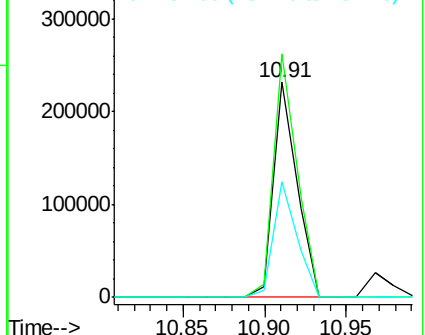
152 53.5 42.6 63.8



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

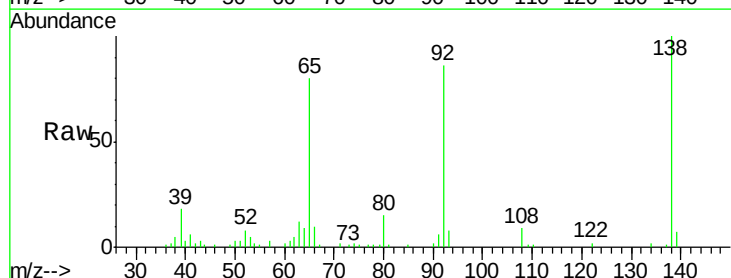
Tgt Ion:138 Resp: 56969

Ion Ratio Lower Upper

138 100

108 9.2 7.3 10.9

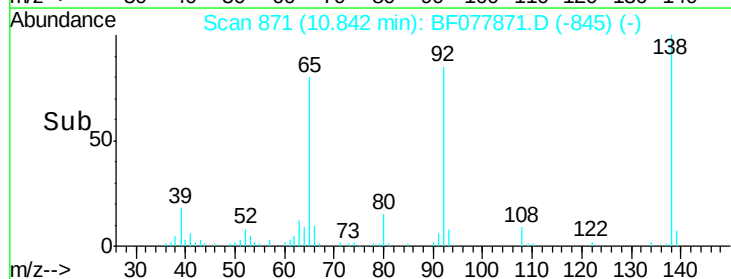
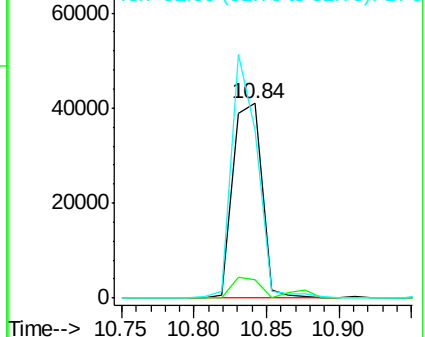
92 86.1 76.6 114.8

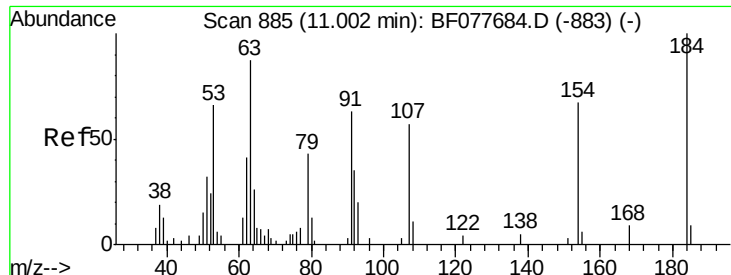


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

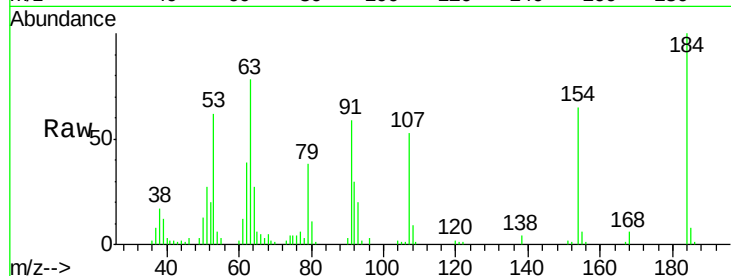




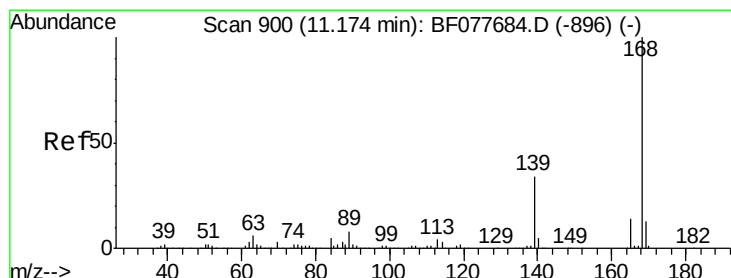
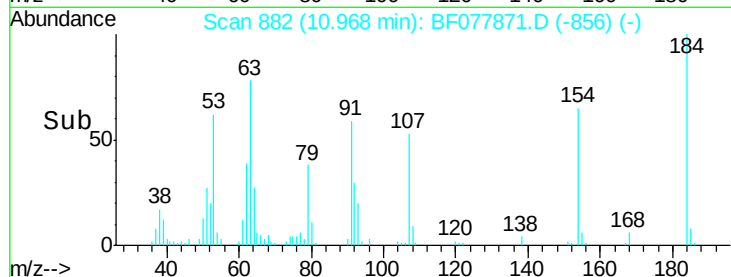
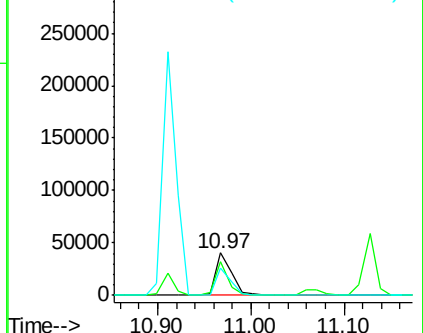
#53
2,4-Dinitrophenol
Concen: 85.42 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

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

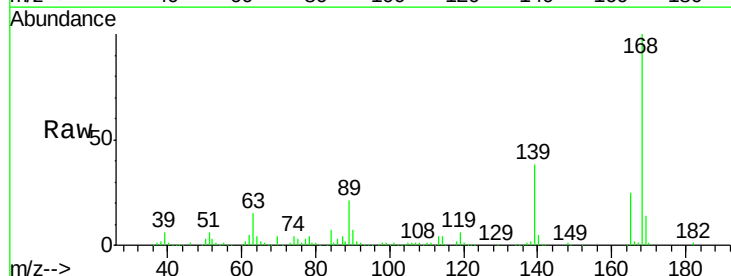


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

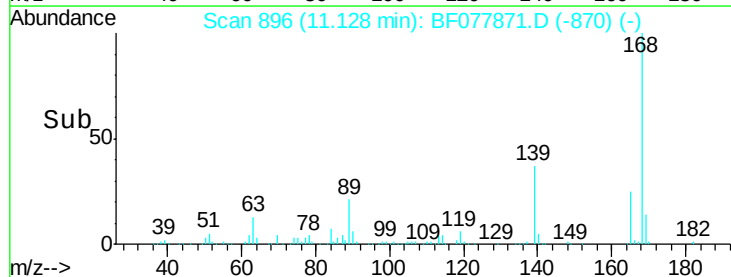
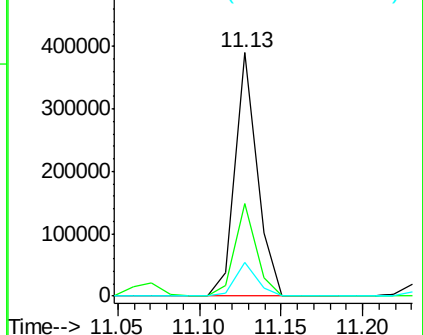


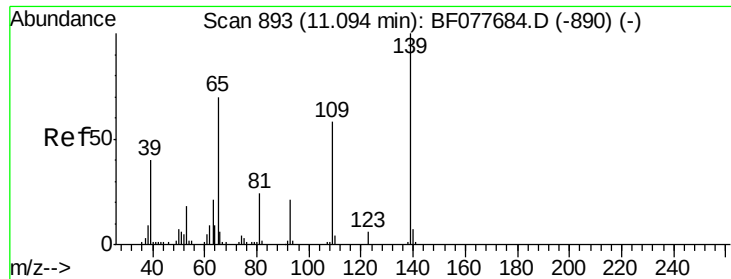
#54
Dibenzofuran
Concen: 40.43 ng
RT: 11.13 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

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

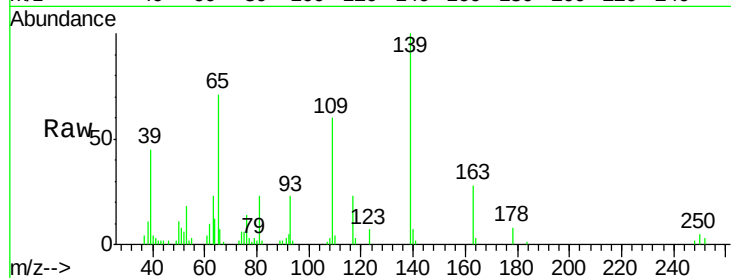




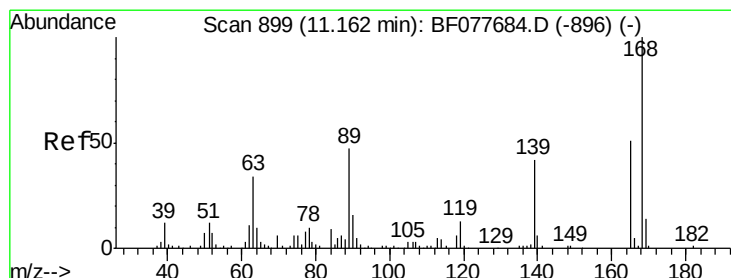
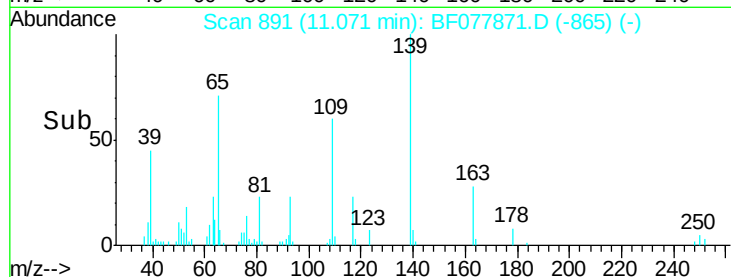
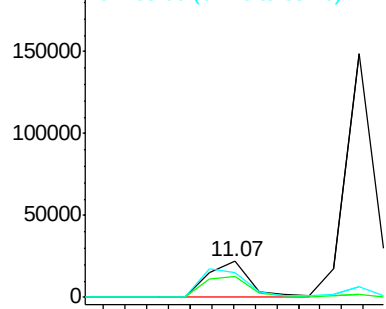
#55
4-Nitrophenol
Concen: 22.71 ng
RT: 11.07 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

Tgt Ion:139 Resp: 29469
Ion Ratio Lower Upper
139 100
109 59.8 37.7 77.7
65 70.5 49.9 89.9

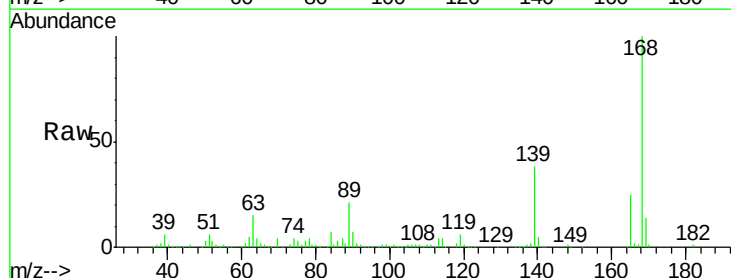


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

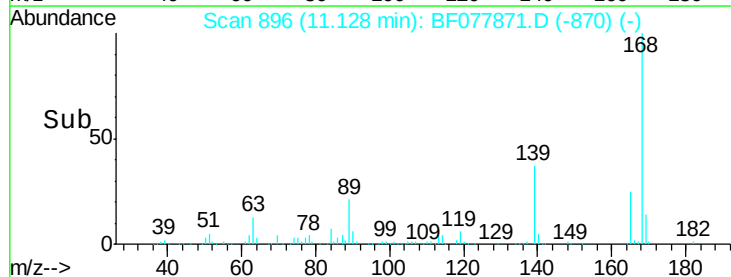
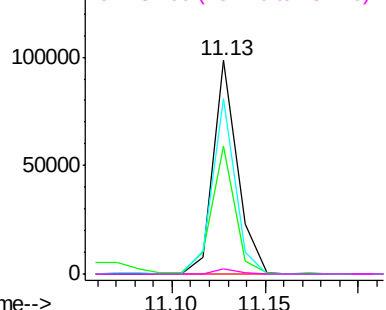


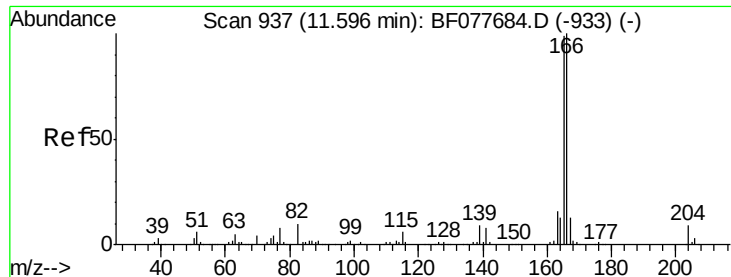
#56
2,4-Dinitrotoluene
Concen: 45.12 ng
RT: 11.13 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

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

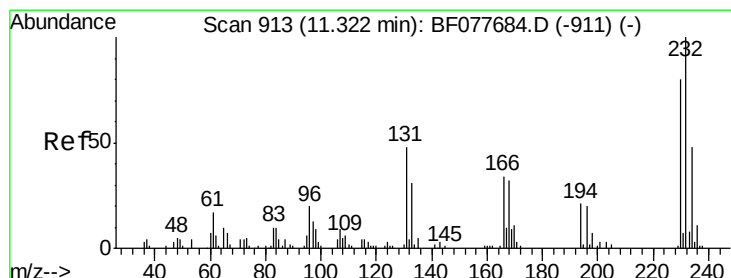
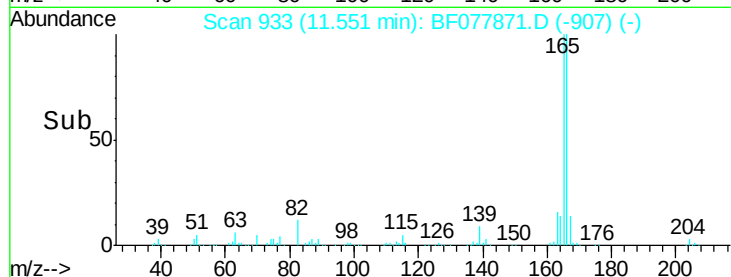
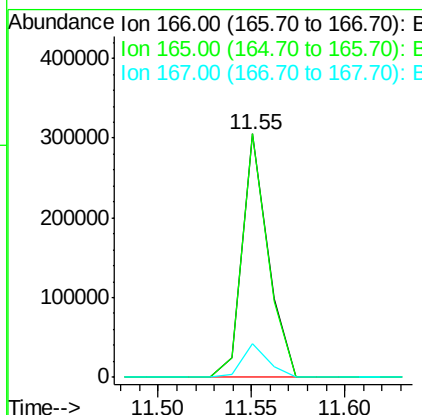
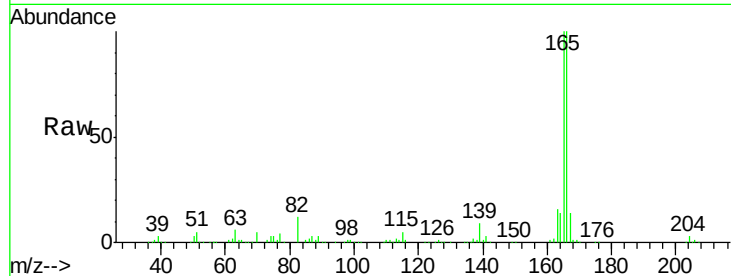




#57
 Fluorene
 Concen: 39.31 ng
 RT: 11.55 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

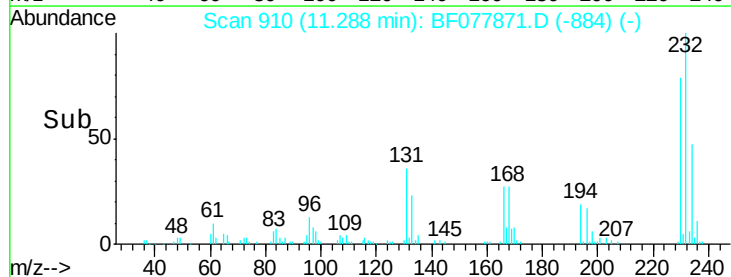
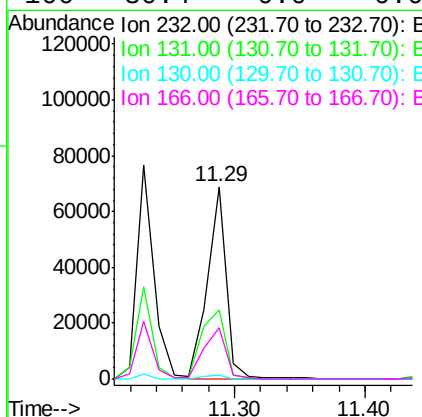
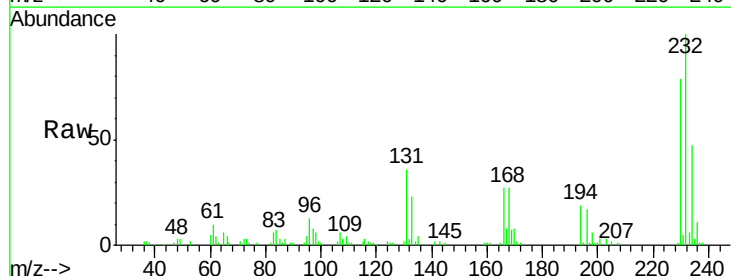
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

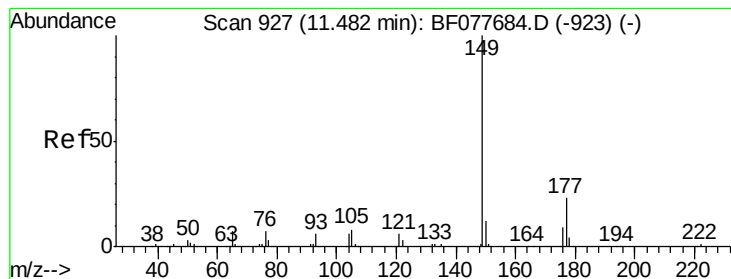
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.0	118.4
167	13.9	10.3	15.5



#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	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#





#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

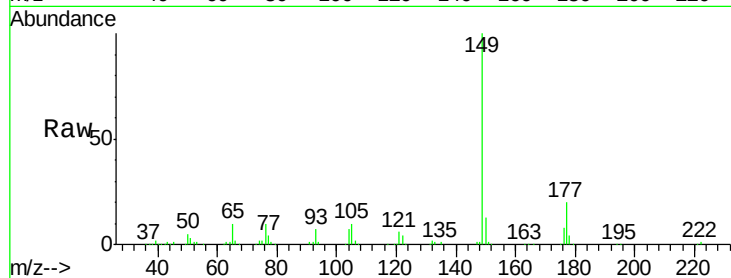
Tgt Ion:149 Resp: 300585

Ion Ratio Lower Upper

149 100

177 20.4 18.3 27.5

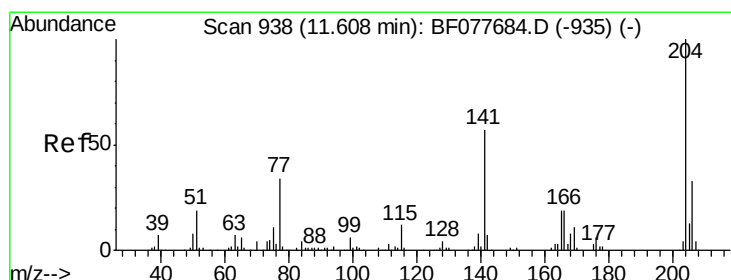
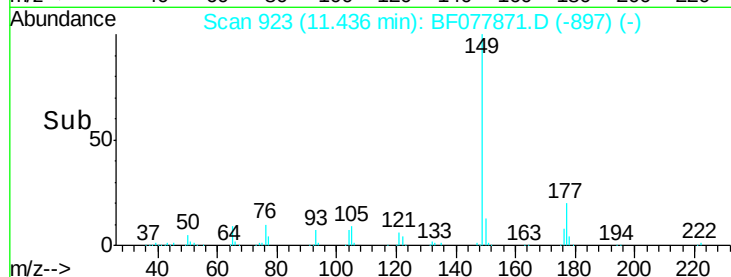
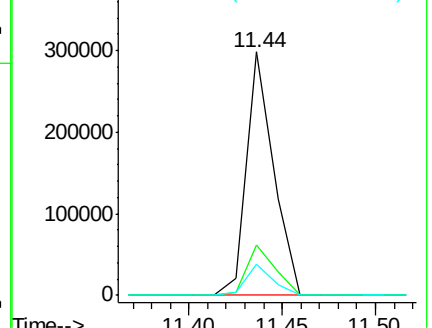
150 12.7 9.8 14.8



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

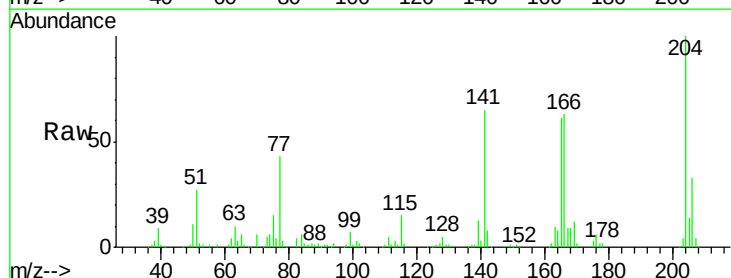
Tgt Ion:204 Resp: 140810

Ion Ratio Lower Upper

204 100

206 33.0 26.6 39.8

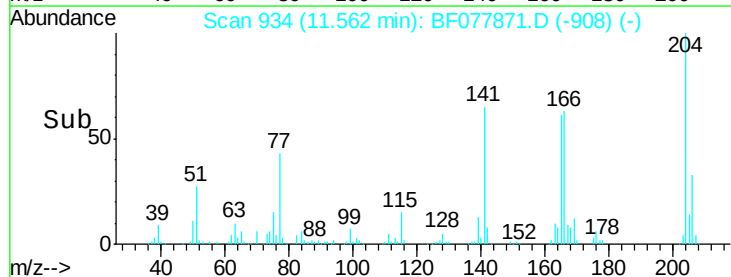
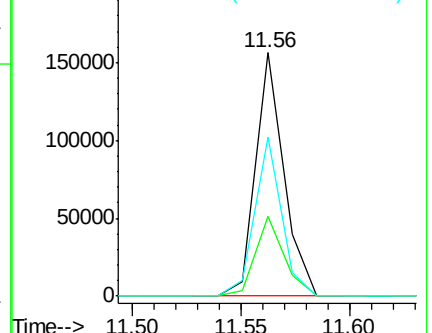
141 65.5 45.2 67.8

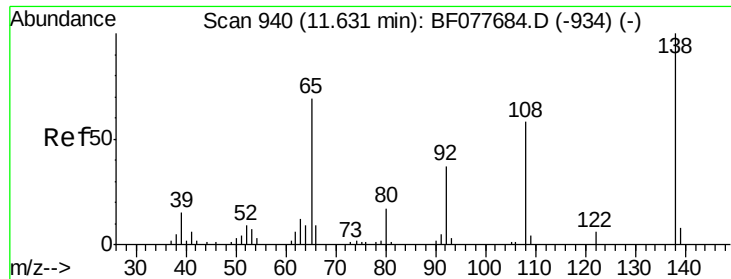


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

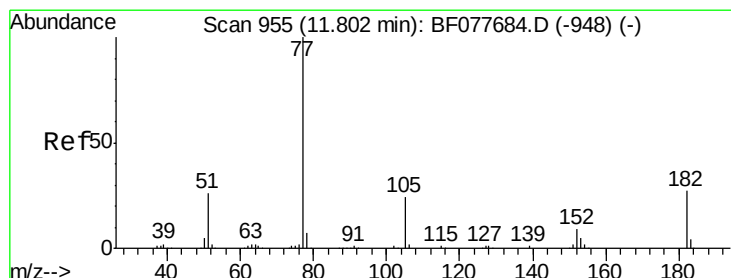
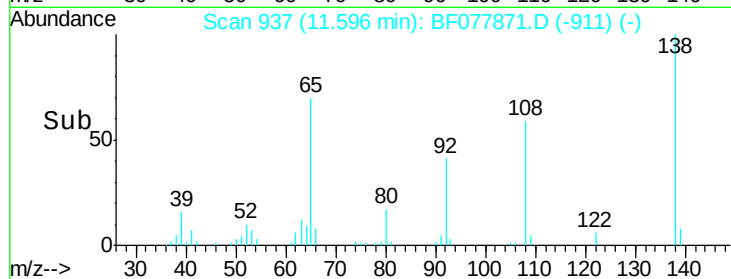
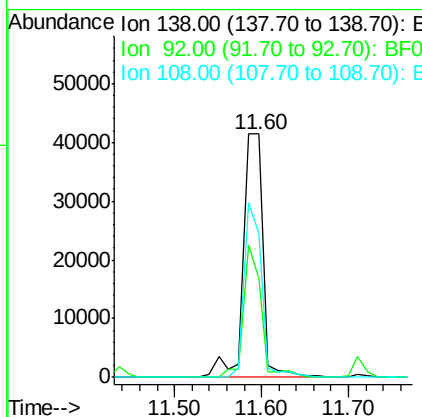
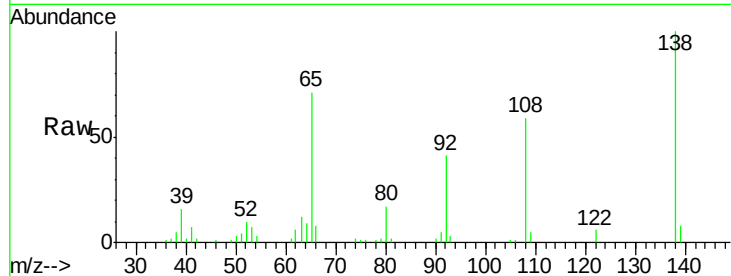




#61
 4-Nitroaniline
 Concen: 37.78 ng
 RT: 11.60 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

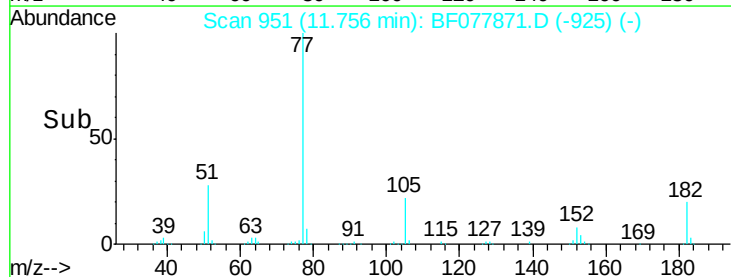
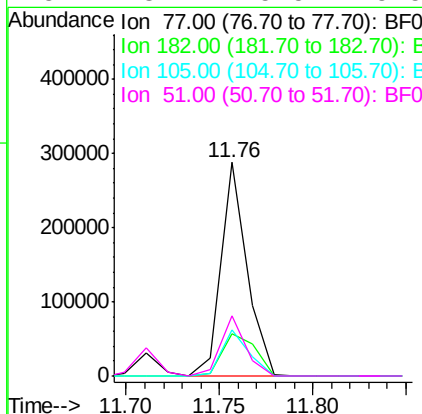
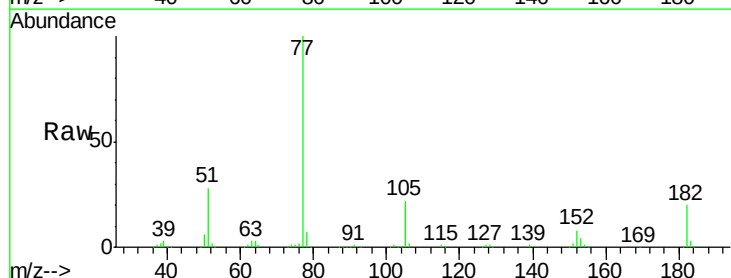
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

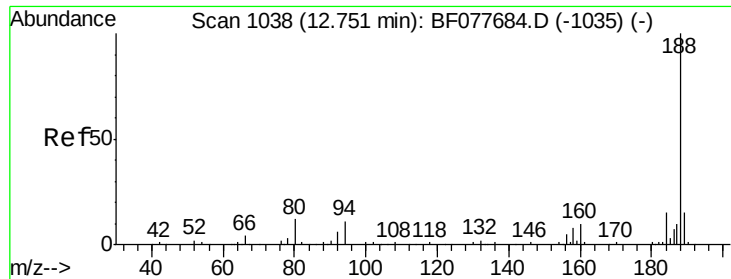
Tgt Ion:138 Resp: 65960
 Ion Ratio Lower Upper
 138 100
 92 40.6 16.7 56.7
 108 59.0 37.6 77.6



#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

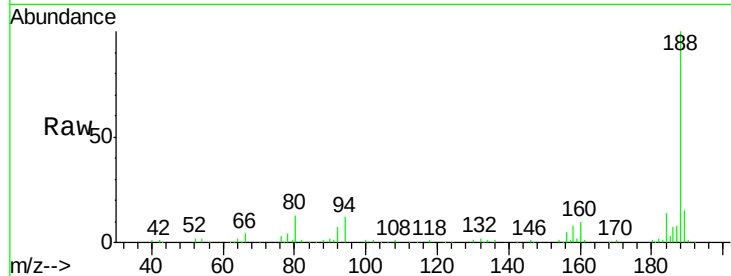




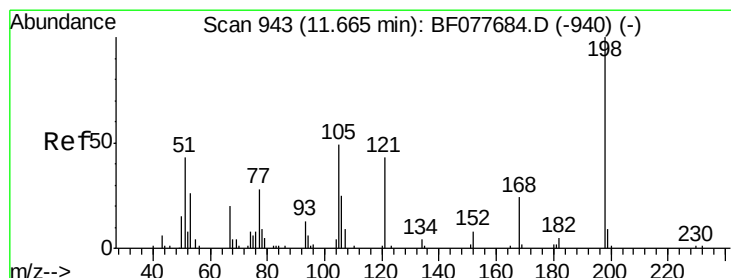
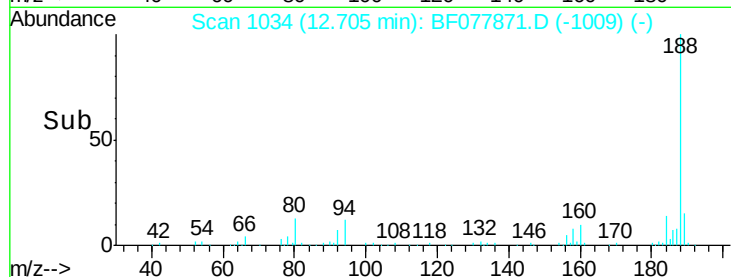
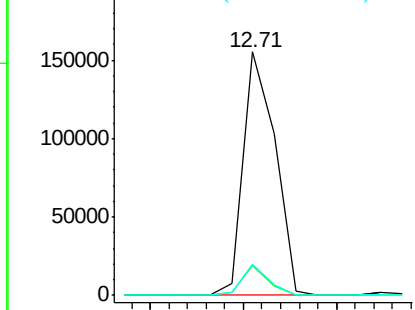
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.71 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

Tgt Ion:188 Resp: 184631
Ion Ratio Lower Upper
188 100
94 12.1 8.7 13.1
80 12.7 9.3 13.9

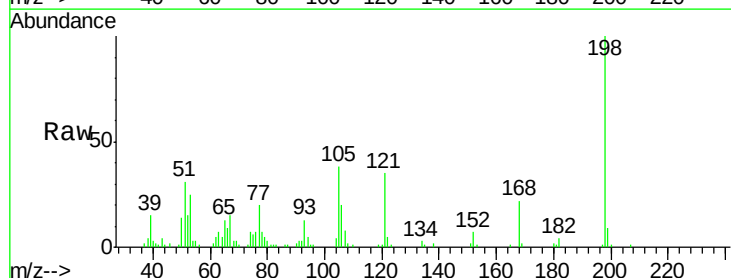


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

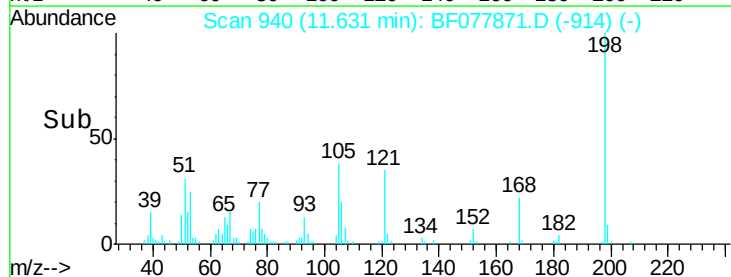
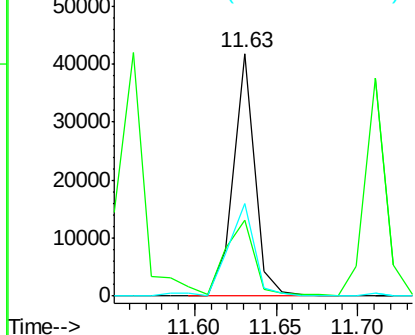


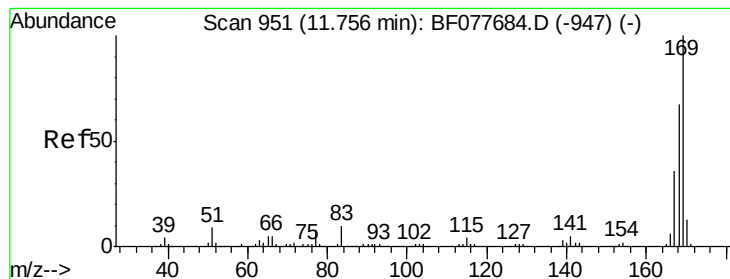
#64
4,6-Dinitro-2-methylphenol
Concen: 43.89 ng
RT: 11.63 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

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

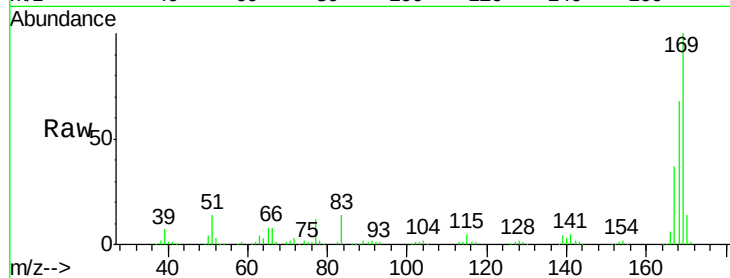




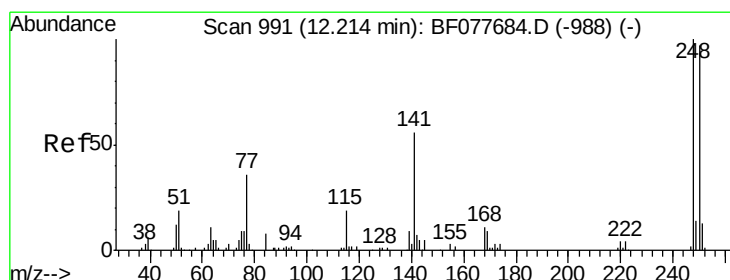
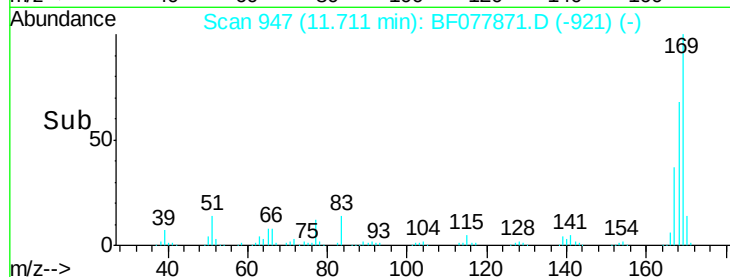
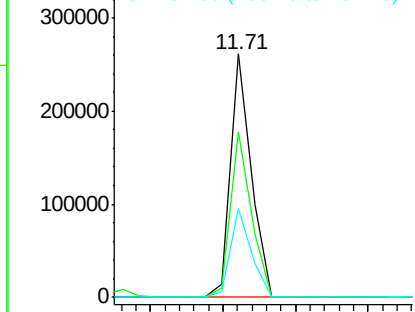
#65
 n-Nitrosodiphenylamine
 Concen: 42.11 ng
 RT: 11.71 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

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

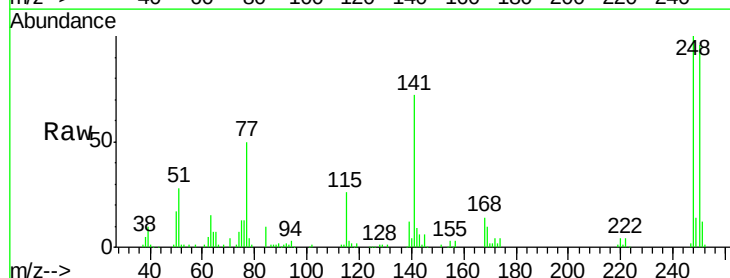


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

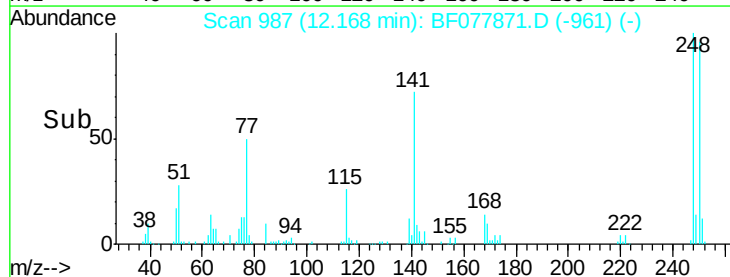
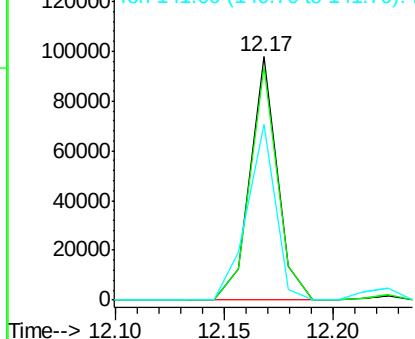


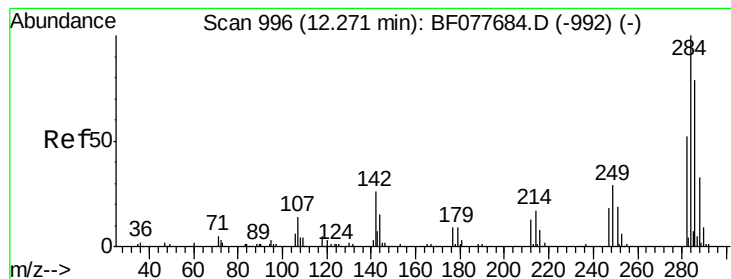
#66
 4-Bromophenyl-phenylether
 Concen: 43.21 ng
 RT: 12.17 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

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

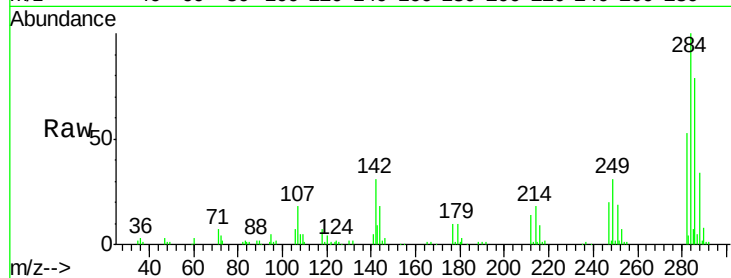
Tgt Ion:284 Resp: 89927

Ion Ratio Lower Upper

284 100

142 30.5 20.4 30.6

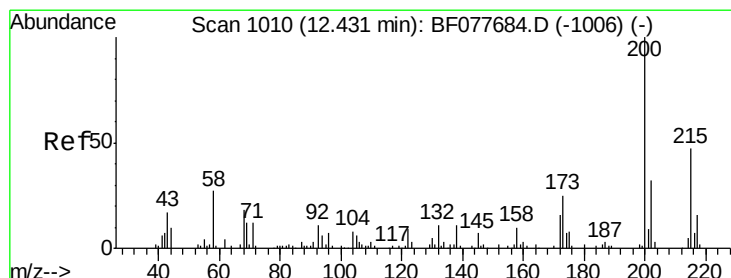
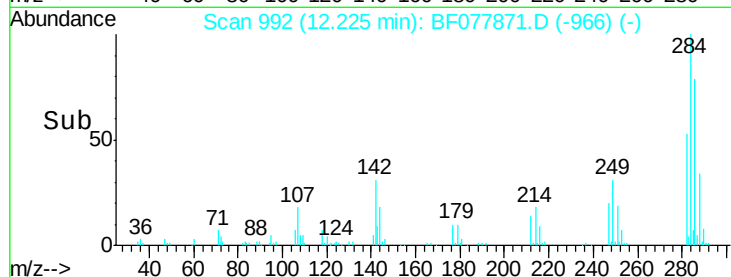
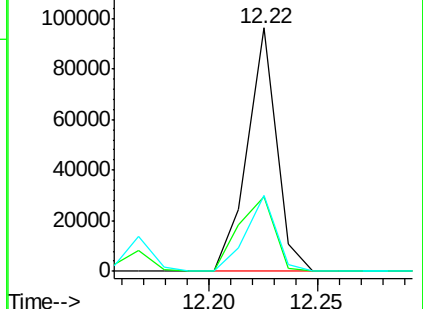
249 31.1 23.8 35.6



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

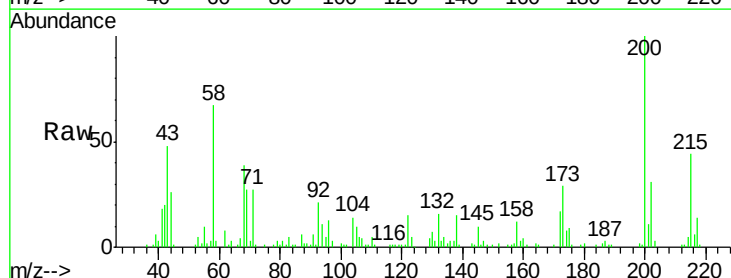
Tgt Ion:200 Resp: 81893

Ion Ratio Lower Upper

200 100

173 28.9 4.8 44.8

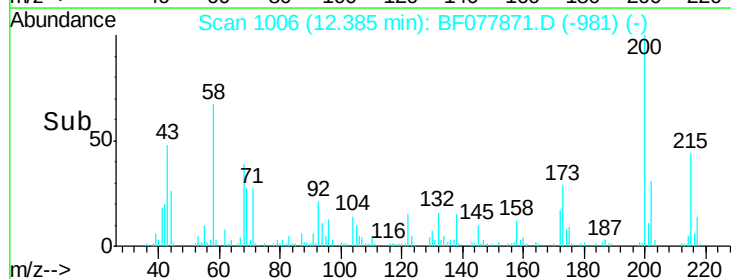
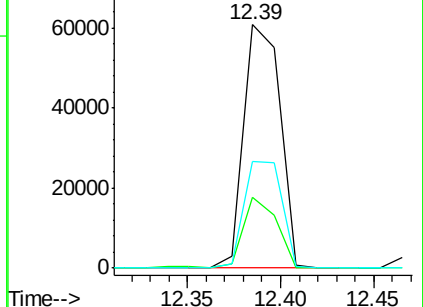
215 43.6 26.9 66.9

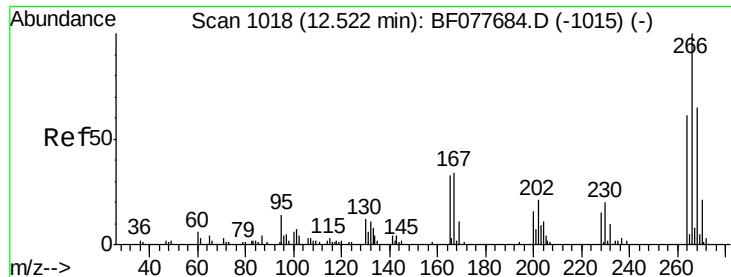


Abundance Ion 200.00 (199.70 to 200.70): E

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

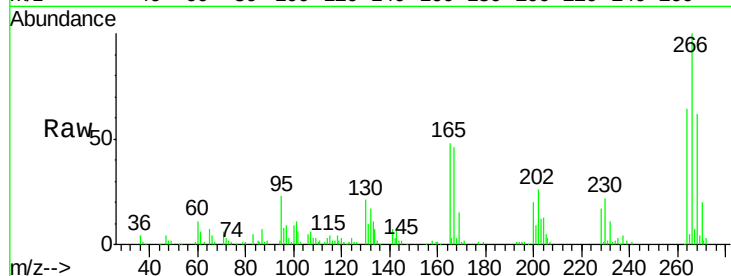
Tgt Ion:266 Resp: 92885

Ion Ratio Lower Upper

266 100

268 62.0 52.0 78.0

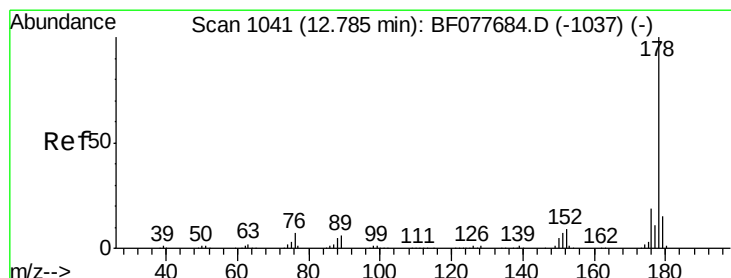
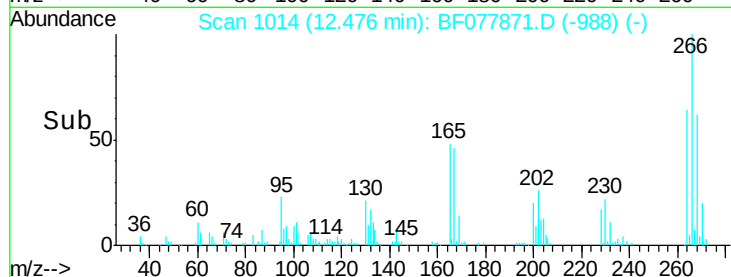
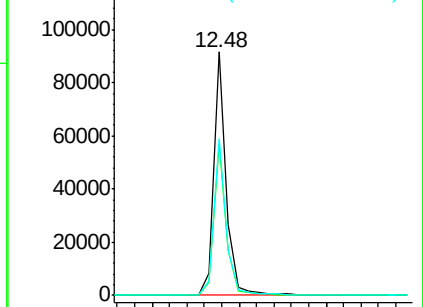
264 64.1 49.0 73.4



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

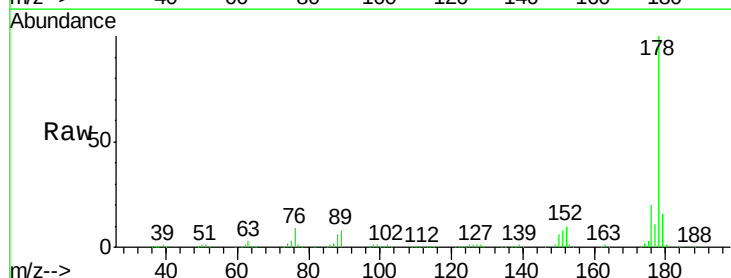
Tgt Ion:178 Resp: 458194

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

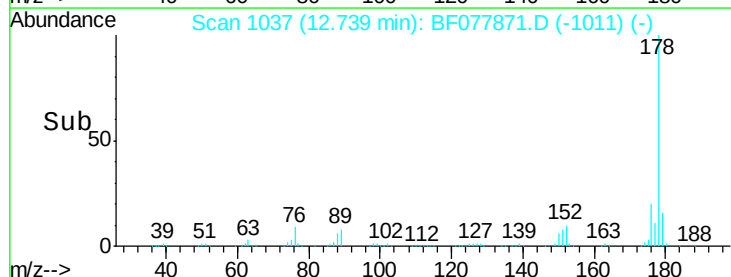
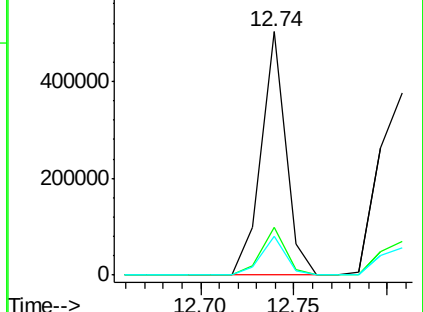
179 16.0 12.1 18.1

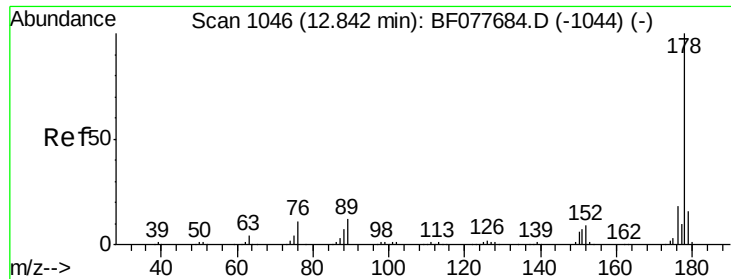


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

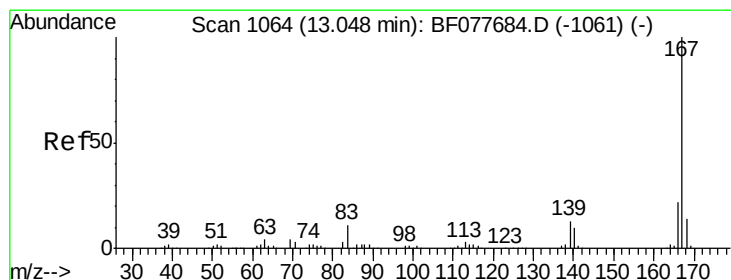
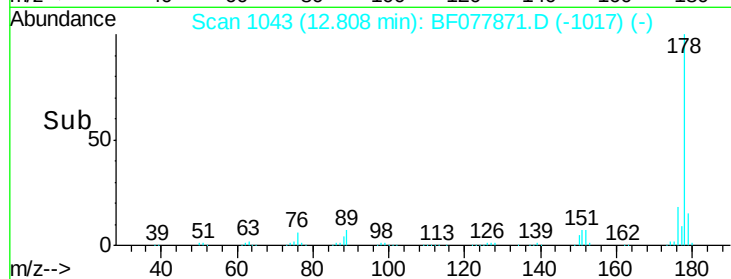
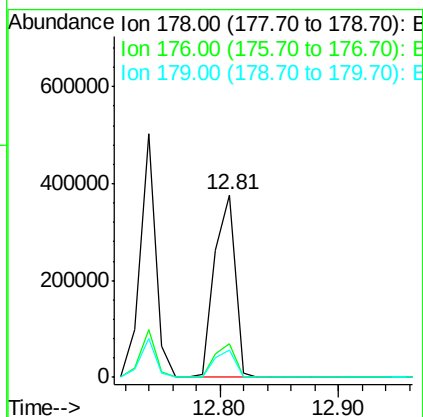
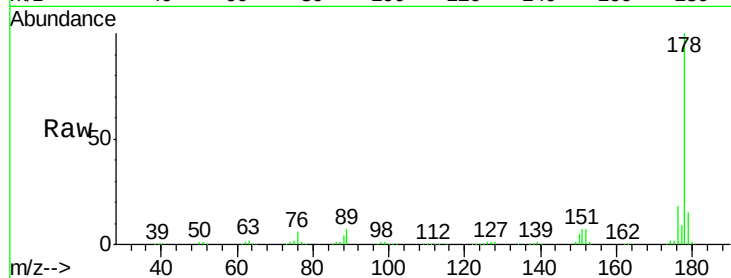




#71
 Anthracene
 Concen: 43.19 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

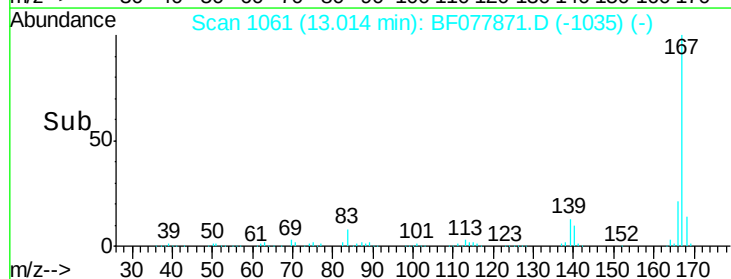
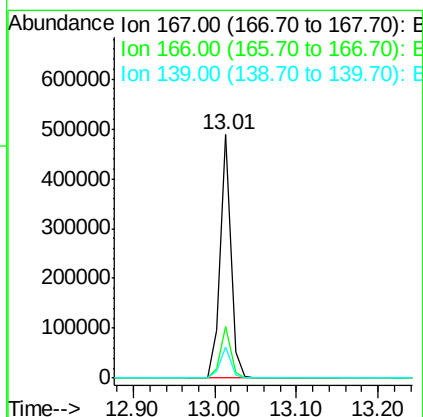
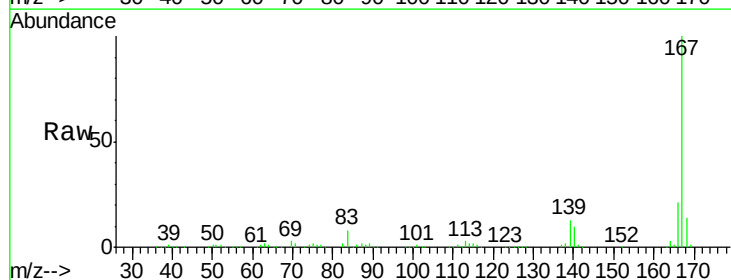
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

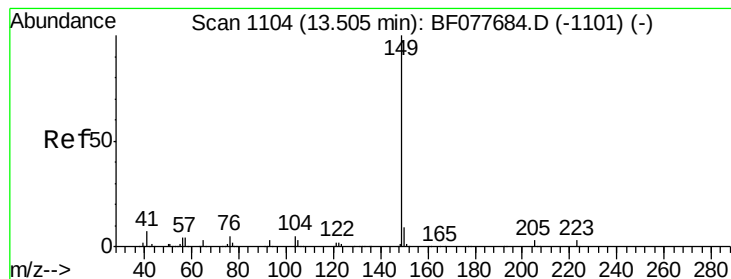
Tgt Ion:178 Resp: 452308
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.6 22.0
 179 15.1 12.6 19.0



#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

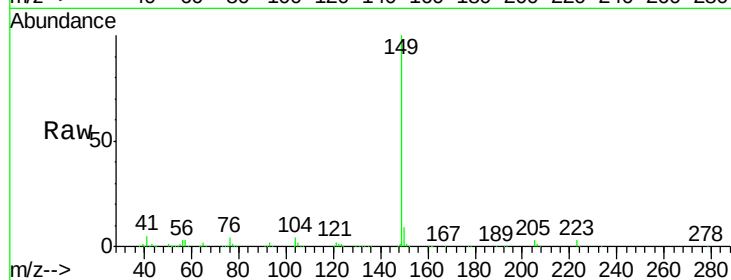
Tgt Ion:149 Resp: 512742

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

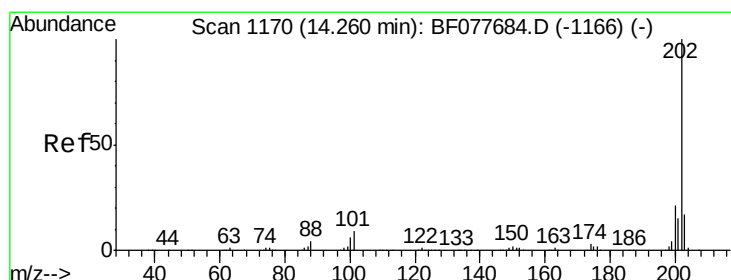
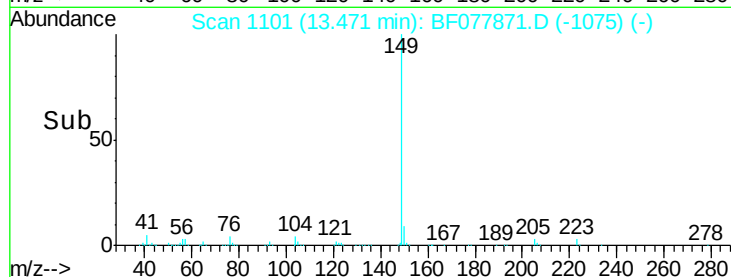
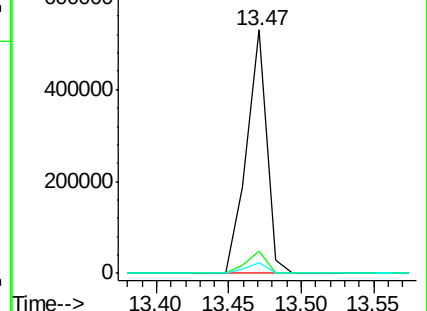
104 4.2 3.7 5.5



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

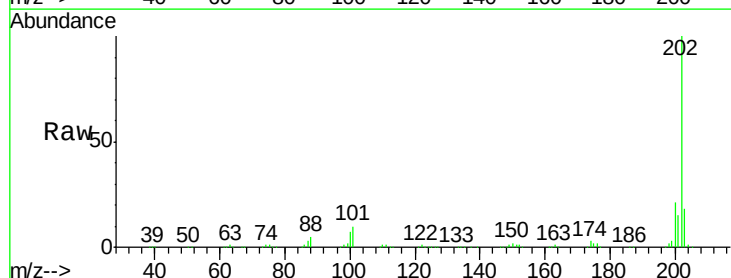
Tgt Ion:202 Resp: 501549

Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.7

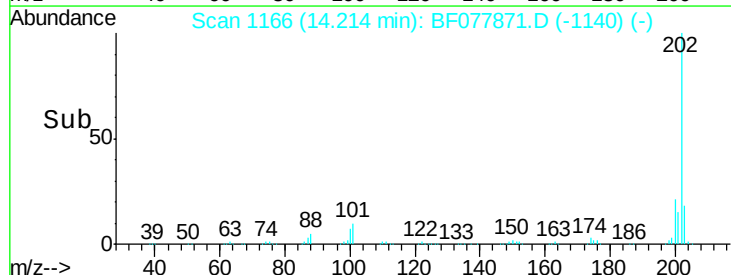
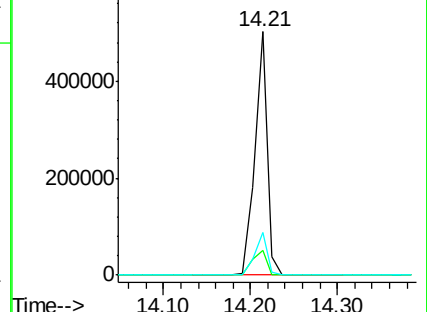
203 17.6 0.0 37.2

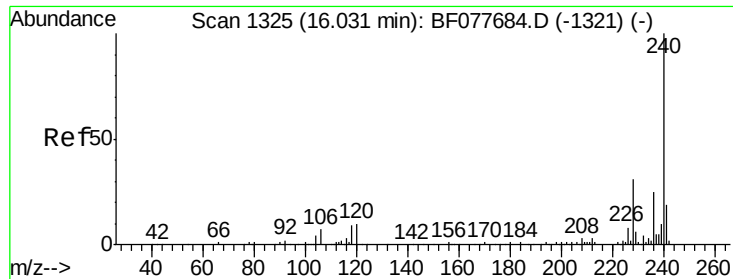


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

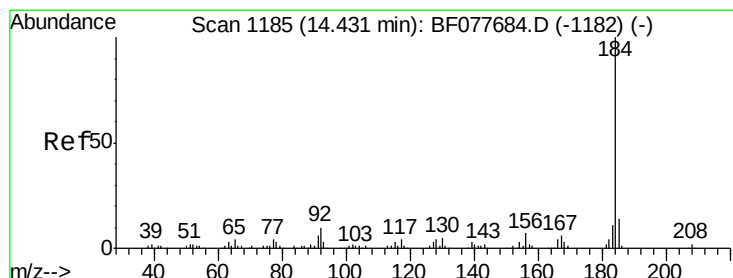
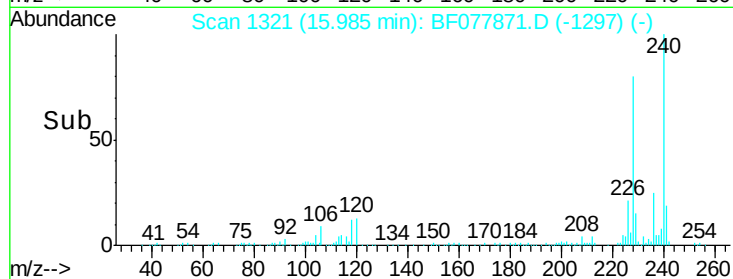
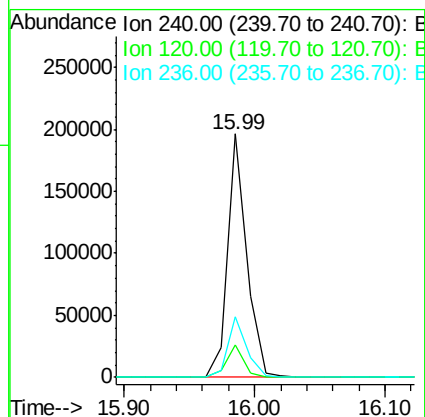
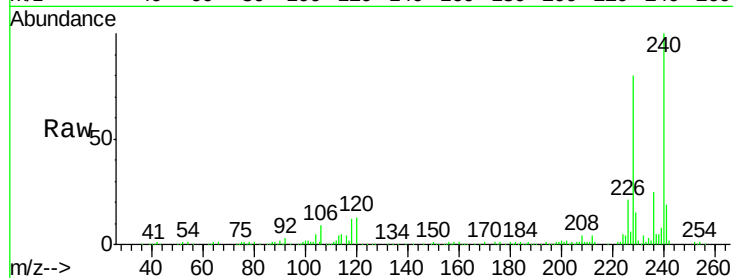




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.99 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

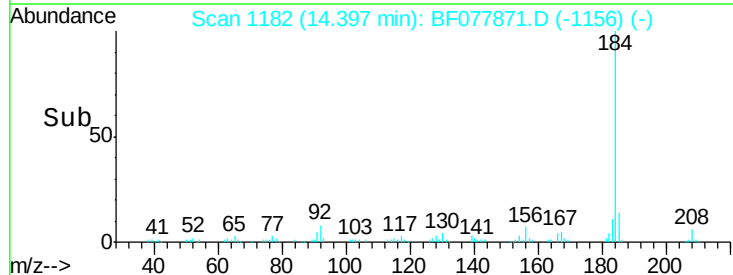
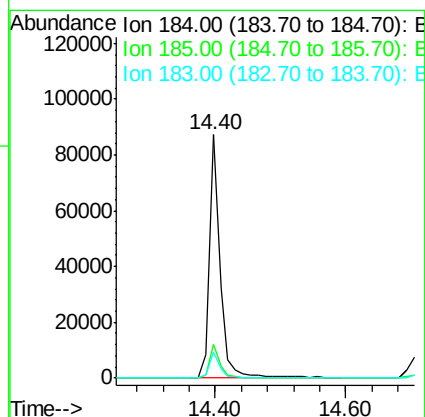
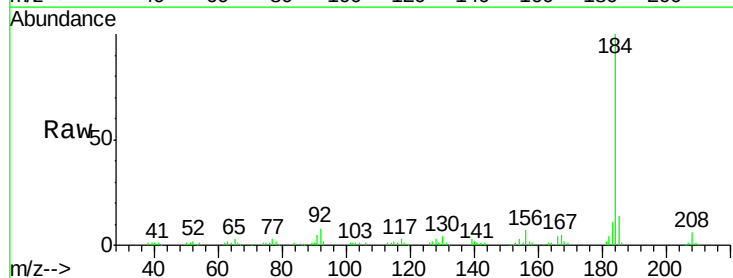
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

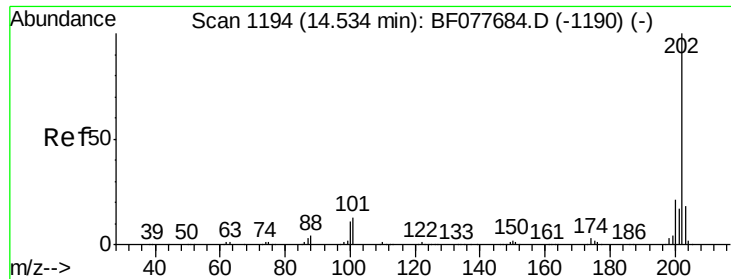
Tgt Ion:240 Resp: 199418
Ion Ratio Lower Upper
240 100
120 13.2 8.2 12.2#
236 24.8 20.0 30.0



#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

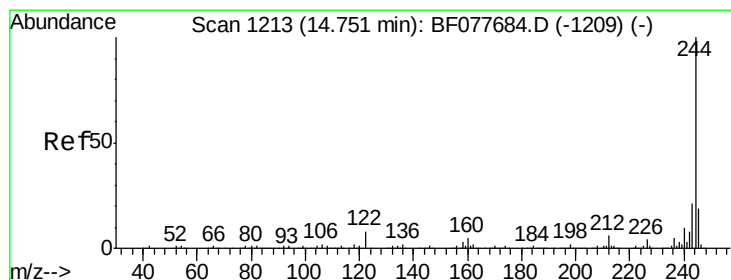
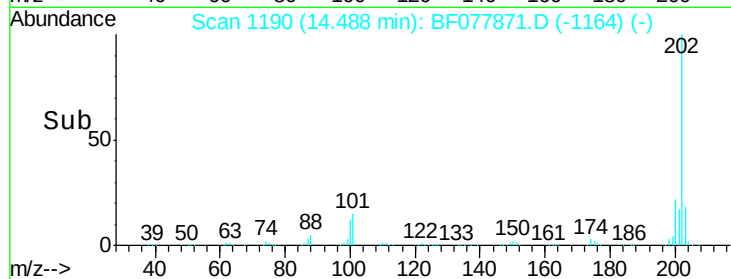
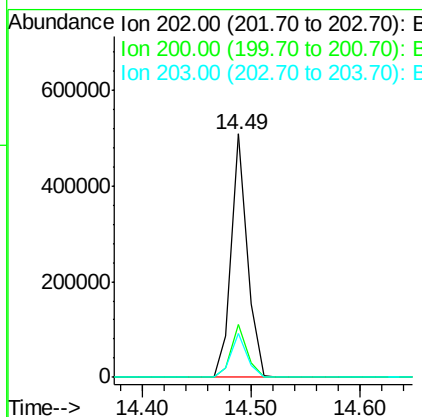
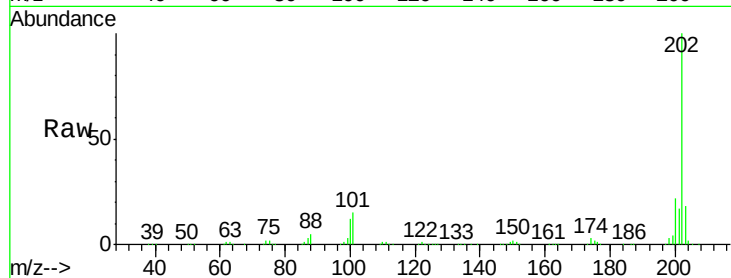




#77
 Pyrene
 Concen: 41.41 ng
 RT: 14.49 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

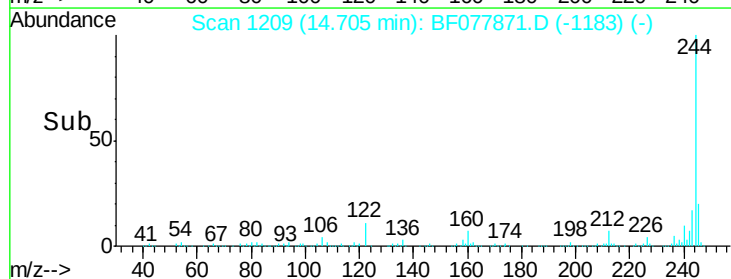
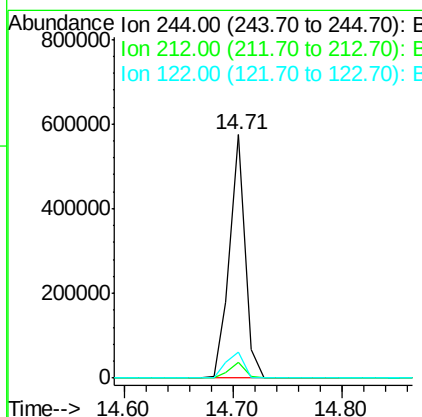
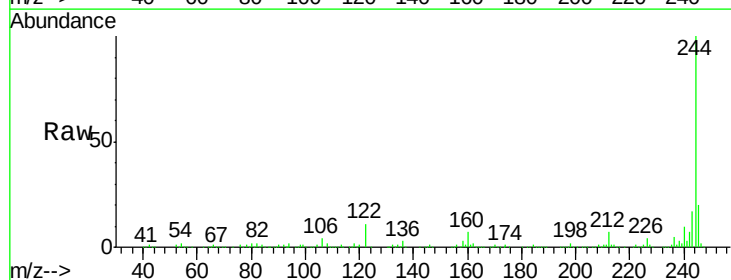
Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

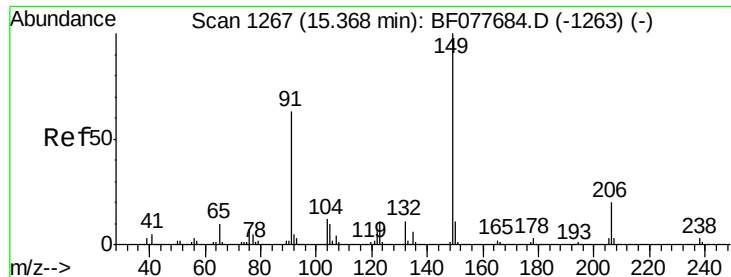
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.9	25.3
203	18.2	14.1	21.1



#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

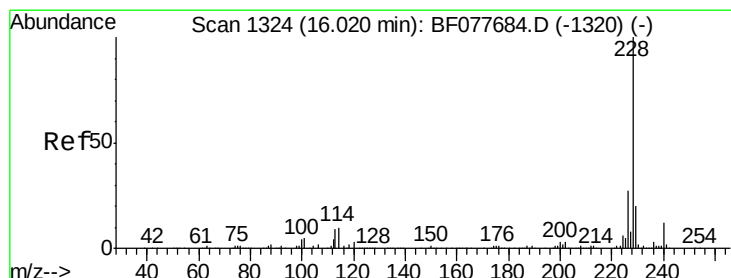
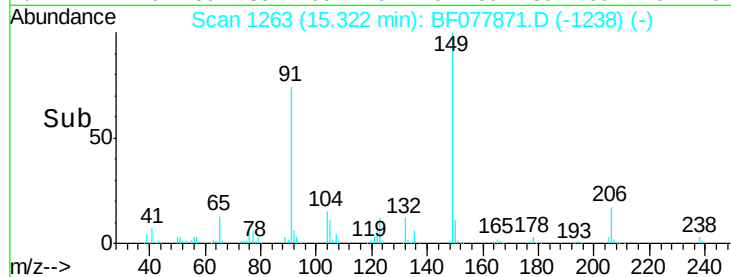
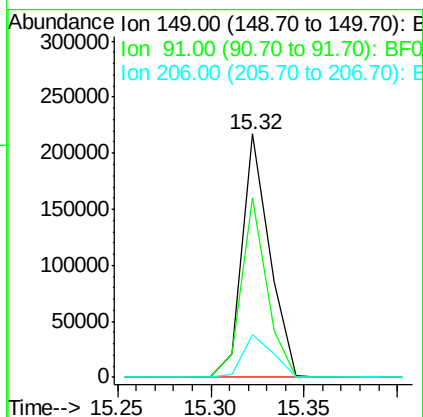
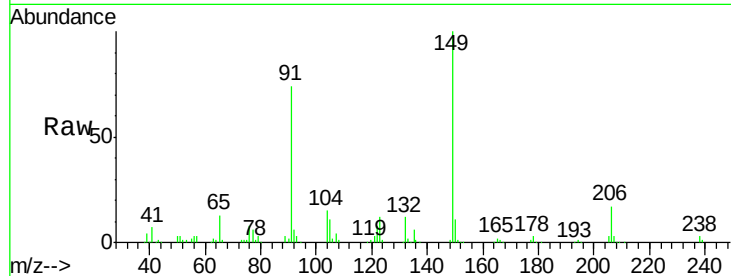




#79
Butylbenzylphthalate
Concen: 44.99 ng
RT: 15.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF077871.D
Acq: 20 Mar 2015 18:59

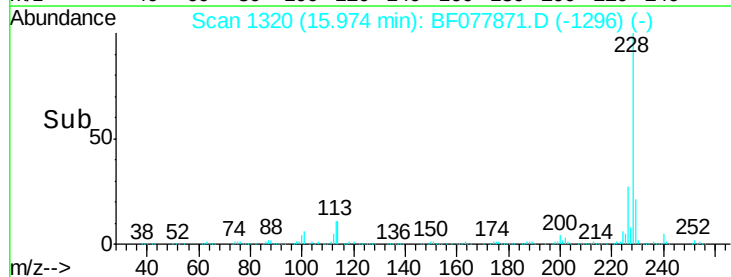
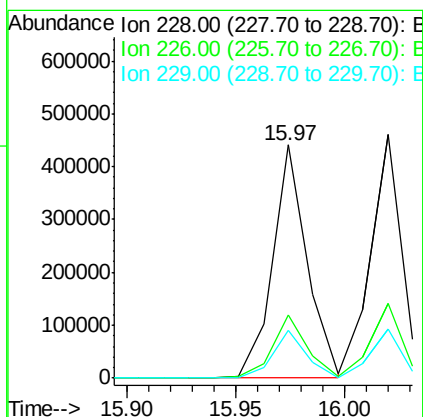
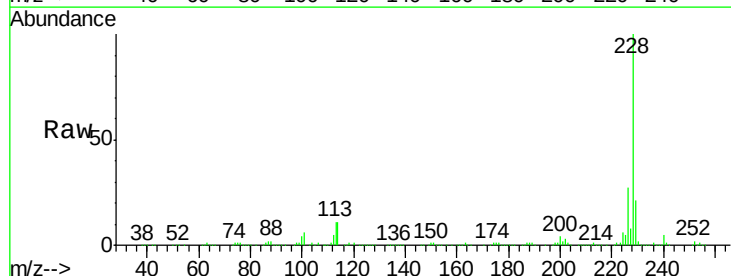
Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

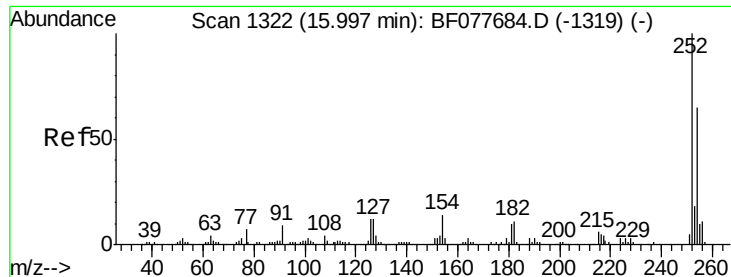
Tgt Ion:149 Resp: 222456
Ion Ratio Lower Upper
149 100
91 74.0 50.1 75.1
206 17.3 16.2 24.2



#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

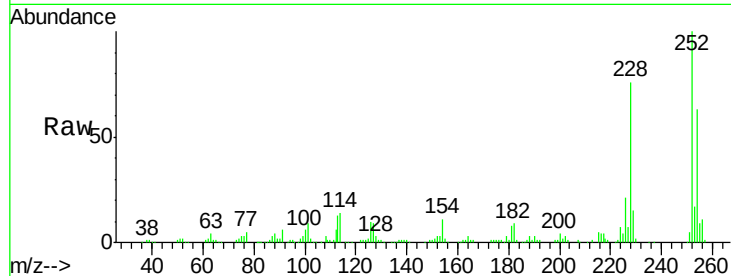




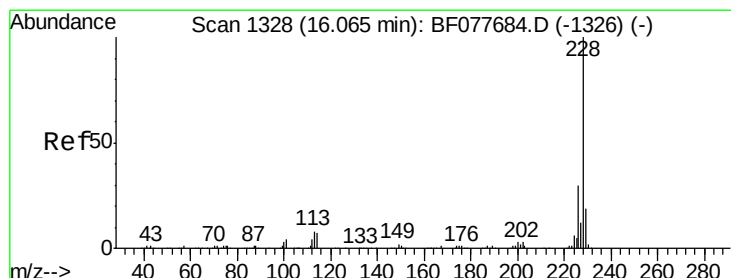
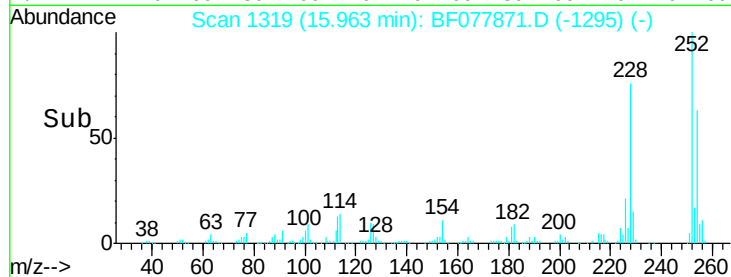
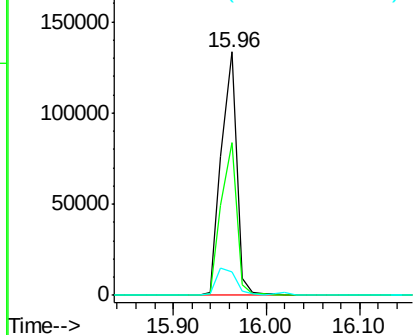
#81
 3,3'-Dichlorobenzidine
 Concen: 39.91 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0119MSD

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

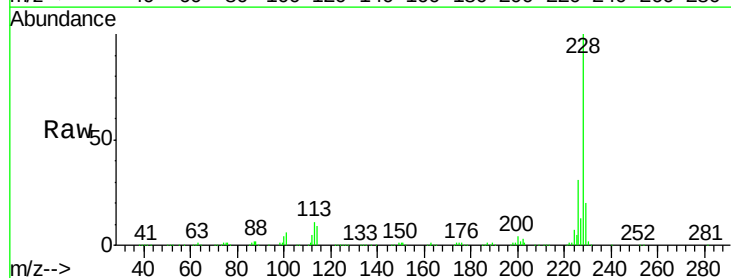


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

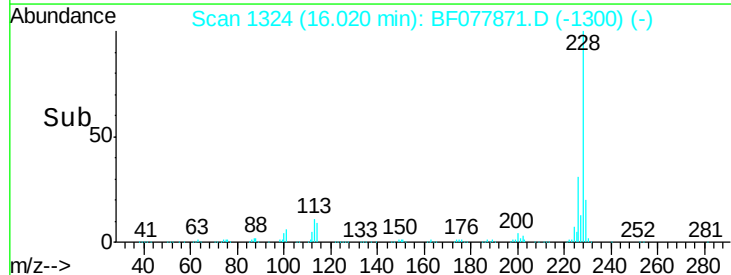
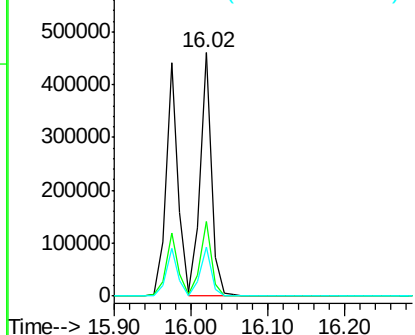


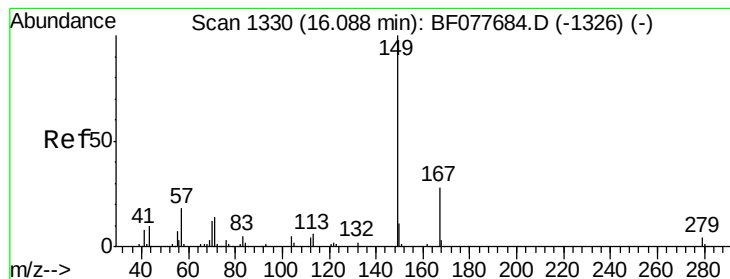
#82
 Chrysene
 Concen: 43.82 ng
 RT: 16.02 min Scan# 1324
 Delta R.T. -0.02 min
 Lab File: BF077871.D
 Acq: 20 Mar 2015 18:59

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

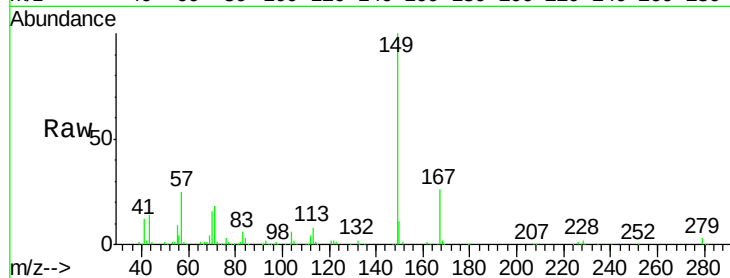
Tgt Ion:149 Resp: 329663

Ion Ratio Lower Upper

149 100

167 26.4 22.4 33.6

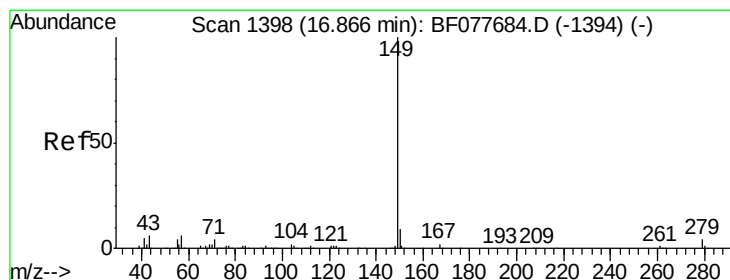
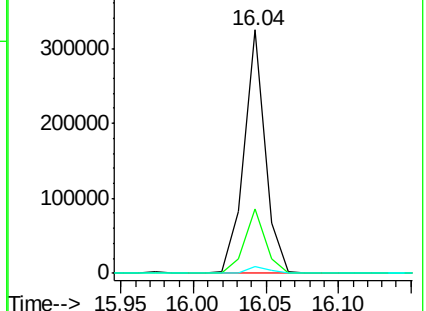
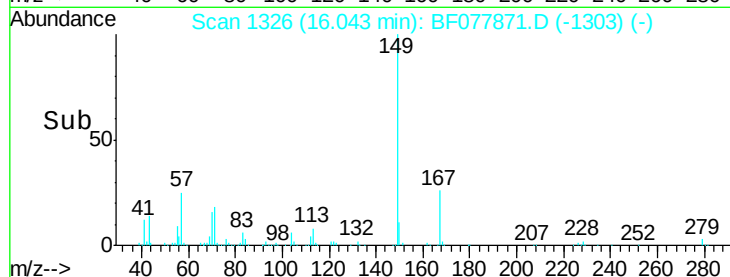
279 3.0 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 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

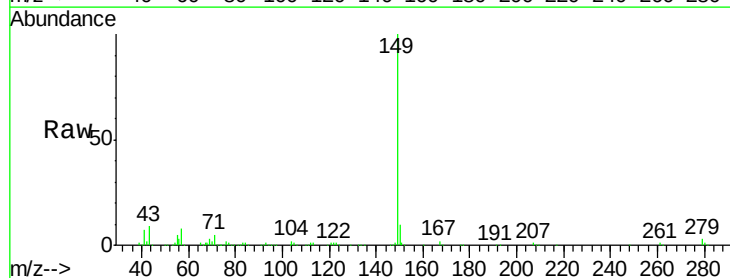
Tgt Ion:149 Resp: 565556

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

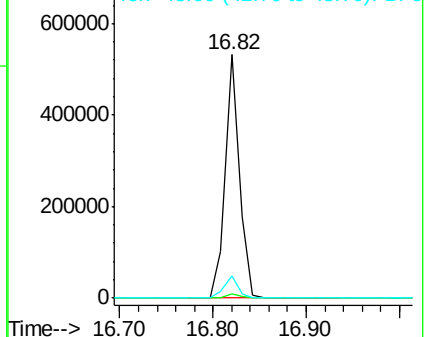
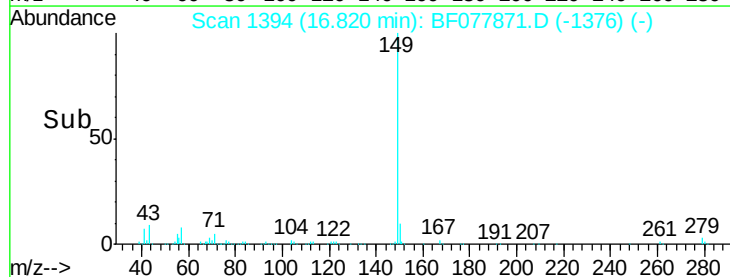
43 9.0 7.3 10.9

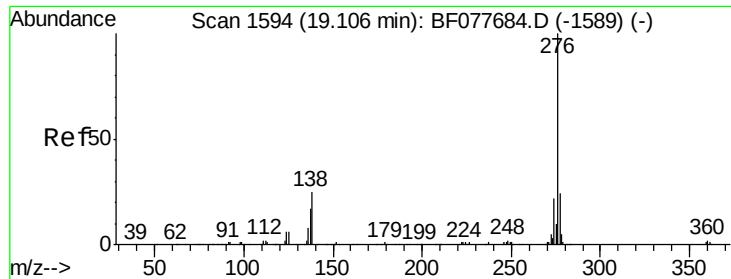


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 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

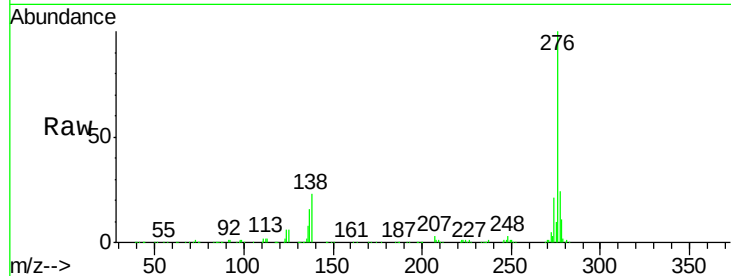
Tgt Ion:276 Resp: 529734

Ion Ratio Lower Upper

276 100

138 29.4 0.0 0.0#

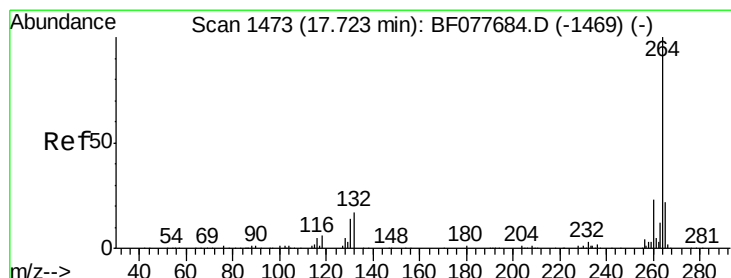
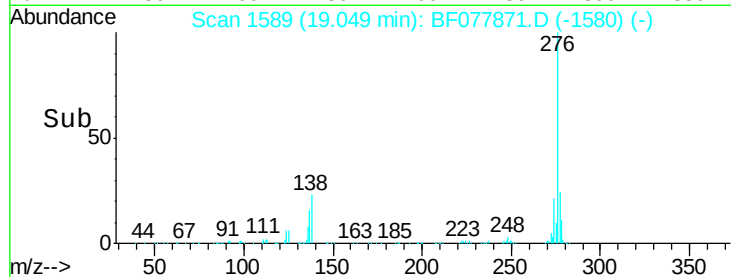
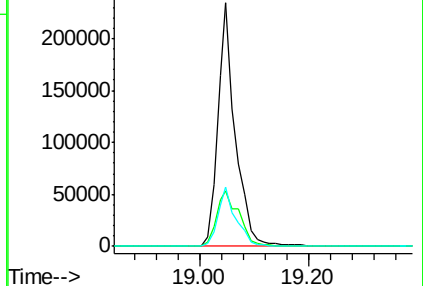
277 25.0 0.0 0.0#



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

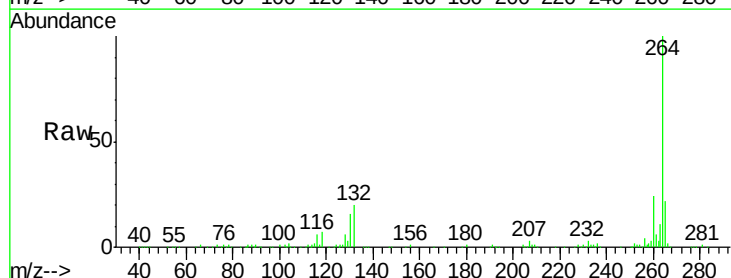
Tgt Ion:264 Resp: 187347

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

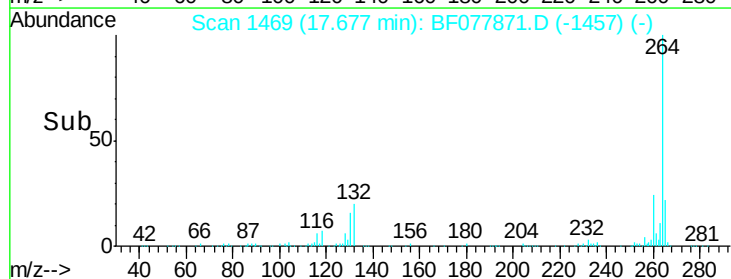
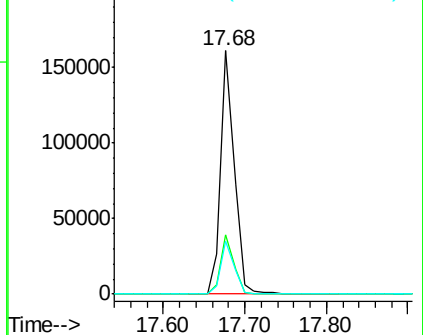
265 21.8 17.3 25.9

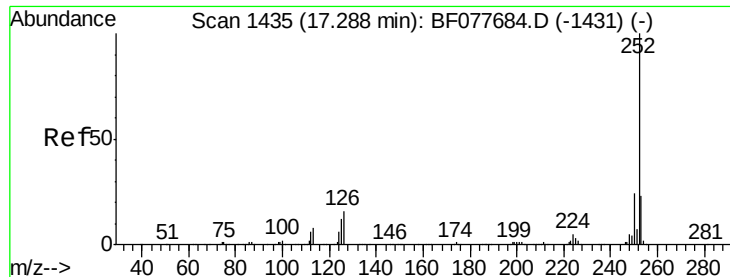


Abundance Ion 264.00 (263.70 to 264.70): E

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

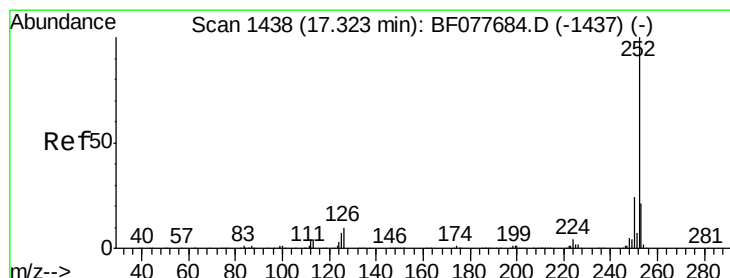
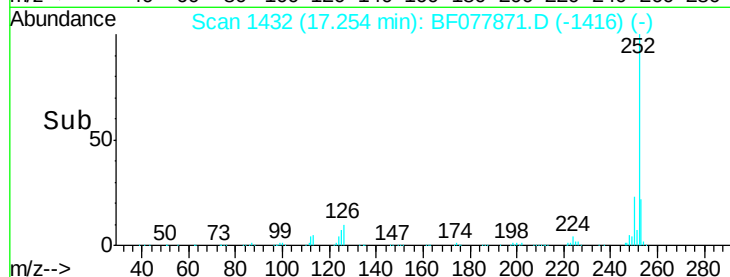
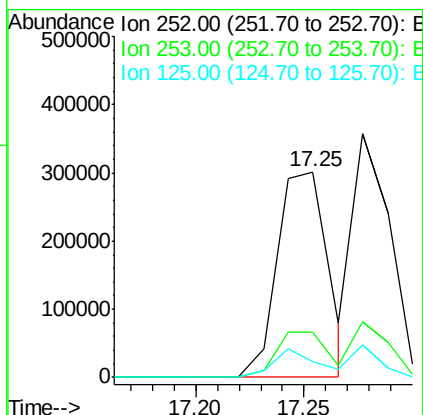
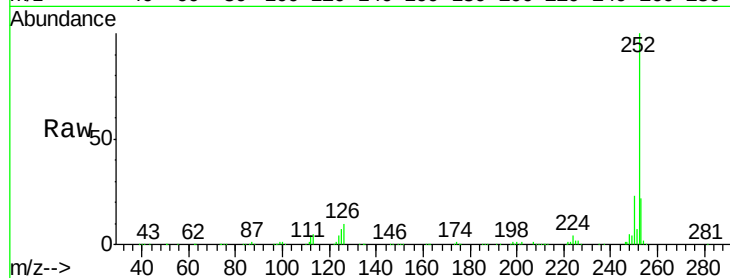
Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Instrument :
BNA_F
ClientSampleId :
Z2-0119MSD

Tgt 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: 51.29 ng

RT: 17.25 min Scan# 1432

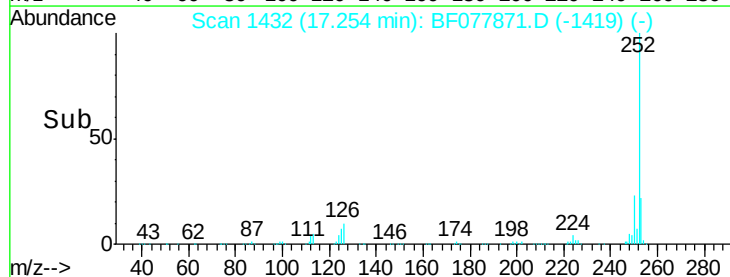
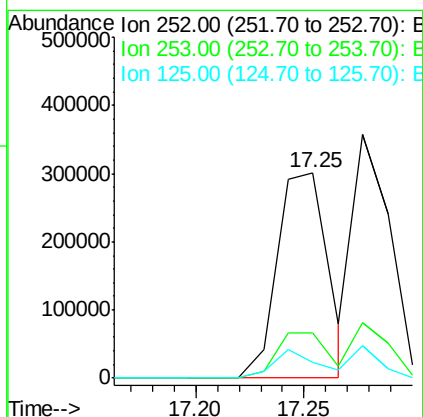
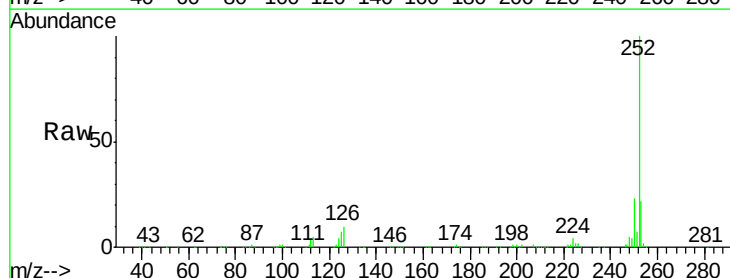
Delta R.T. -0.15 min

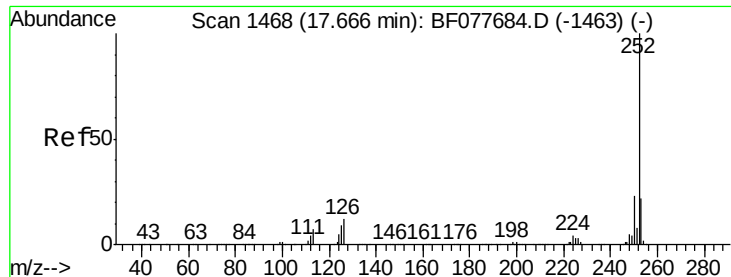
Lab File: BF077871.D

Acq: 20 Mar 2015 18:59

Tgt Ion:252 Resp: 490006

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	7.5	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

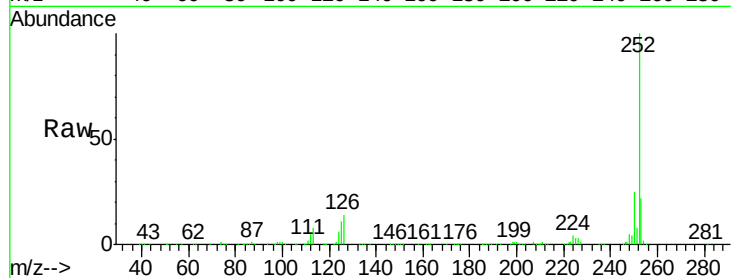
Tgt Ion:252 Resp: 462780

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

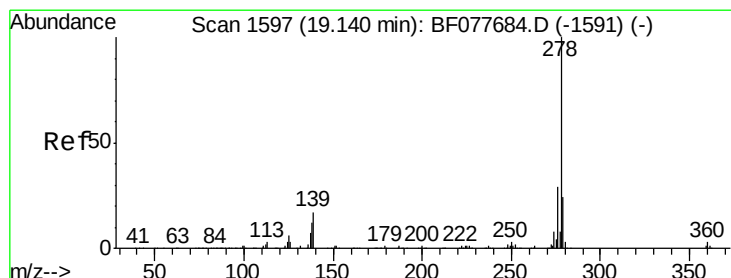
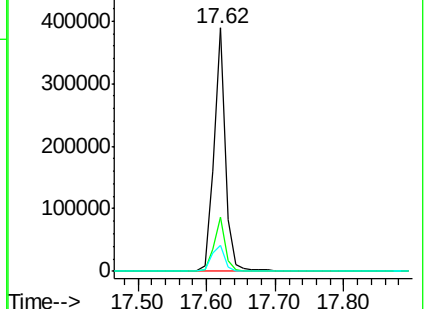
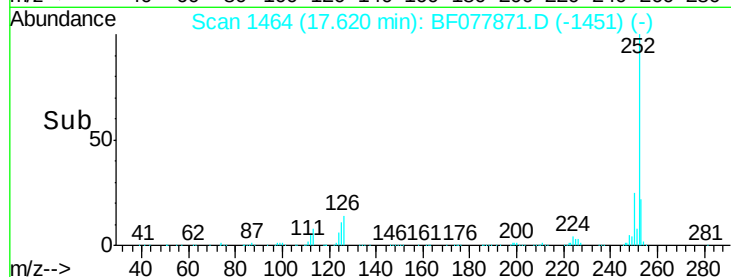
125 10.9 7.4 11.2



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

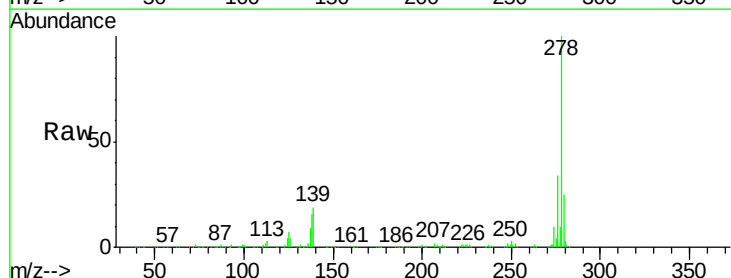
Tgt Ion:278 Resp: 440457

Ion Ratio Lower Upper

278 100

139 19.3 13.4 20.0

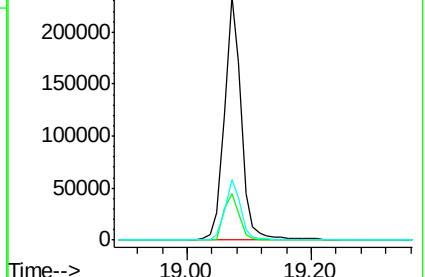
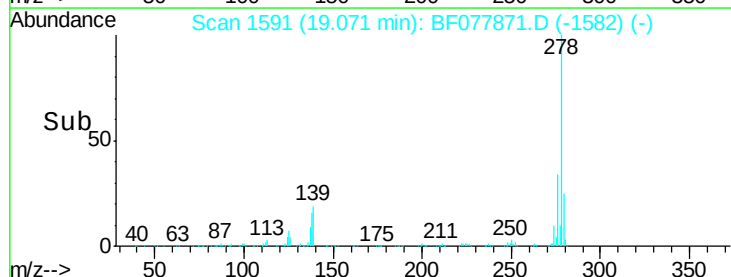
279 24.7 19.0 28.4

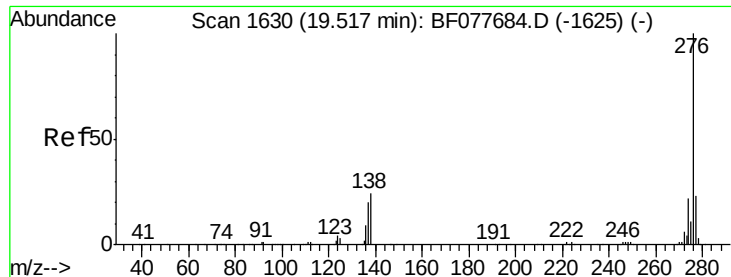


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,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

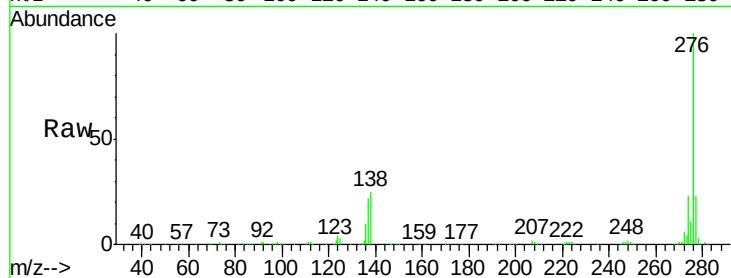
Tgt Ion:276 Resp: 450945

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

