

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082371.D
 Acq On : 19 Oct 2015 22:42
 Operator : UM/IZ
 Sample : G3975-10MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Quant Time: Oct 20 02:08:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95341	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	364669	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	186875	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	353370	20.00	ng	-0.01
75) Chrysene-d12	14.06	240	323005	20.00	ng	-0.03
86) Perylene-d12	15.61	264	253452	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	383455	81.17	ng	0.00
7) Phenol-d6	6.45	99	321088	52.23	ng	0.00
23) Nitrobenzene-d5	7.38	82	619827	114.14	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	216444	123.50	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1160735	103.01	ng	0.00
78) Terphenyl-d14	12.94	244	1194330	97.98	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	46222	19.47	ng	95
3) Pyridine	3.11	79	96869	17.55	ng	98
4) n-Nitrosodimethylamine	3.05	42	49057	20.95	ng	99
6) Aniline	6.47	93	134216	16.93	ng	# 90
8) 2-Chlorophenol	6.59	128	223794	38.81	ng	98
9) Benzaldehyde	6.34	77	133452	42.51	ng	91
10) Phenol	6.46	94	120092	16.94	ng	83
11) bis(2-Chloroethyl)ether	6.54	93	253921	42.36	ng	90
12) 1,3-Dichlorobenzene	6.74	146	304588	45.35	ng	96
13) 1,4-Dichlorobenzene	6.82	146	304060	43.35	ng	96
14) 1,2-Dichlorobenzene	6.97	146	287511	43.17	ng	97
15) Benzyl Alcohol	6.95	79	149450	35.22	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	370392	44.38	ng	80
17) 2-Methylphenol	7.07	107	158538	34.76	ng	# 92
18) Hexachloroethane	7.31	117	112764	46.97	ng	90
19) n-Nitroso-di-n-propylamine	7.22	70	194371	45.02	ng	# 86
20) 3+4-Methylphenols	7.23	107	177054	32.58	ng	# 62
22) Acetophenone	7.22	105	399401	55.37	ng	# 86
24) Nitrobenzene	7.39	77	267463	45.50	ng	100
25) Isophorone	7.63	82	530697	48.42	ng	99
26) 2-Nitrophenol	7.71	139	158536	54.02	ng	98
27) 2,4-Dimethylphenol	7.76	122	230689	48.79	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	342473	53.70	ng	99
29) 2,4-Dichlorophenol	7.97	162	240866	50.96	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	258281	47.41	ng	97
31) Naphthalene	8.11	128	746966	47.25	ng	99
32) Benzoic acid	7.86	122	48637	15.33	ng	90
33) 4-Chloroaniline	8.17	127	90590	13.80	ng	98
34) Hexachlorobutadiene	8.23	225	152317	44.87	ng	98
35) Caprolactam	8.55	113	13280	9.68	ng	# 76
36) 4-Chloro-3-methylphenol	8.66	107	225118	48.70	ng	98
37) 2-Methylnaphthalene	8.81	142	587868	53.64	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	260099	46.79	ng	98
40) Hexachlorocyclopentadiene	8.96	237	186815	67.83	ng	98

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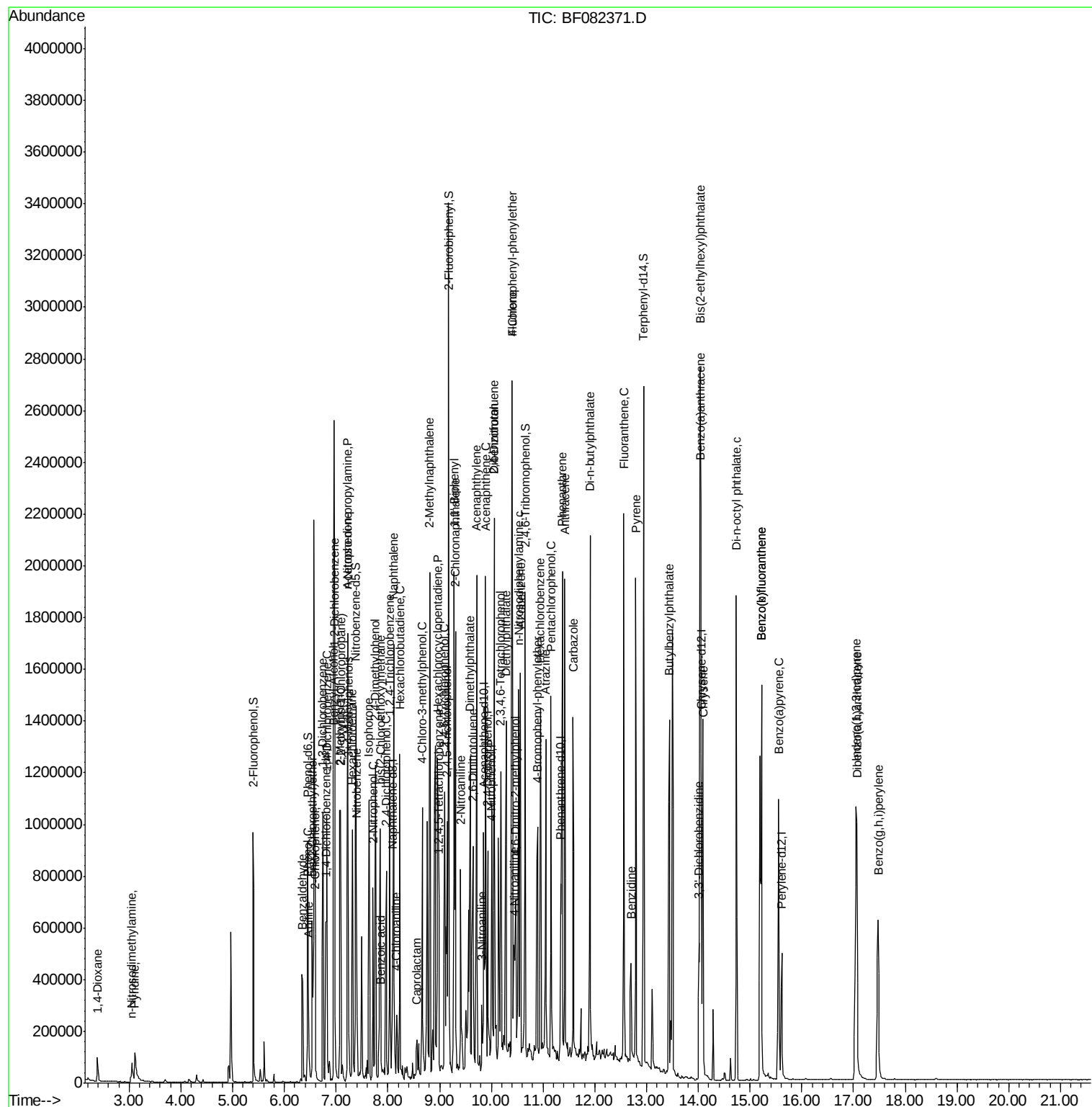
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	179260	48.56	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	189588	47.41	nq	98
45) 1,1'-Biphenyl	9.28	154	708468	49.72	nq	96
46) 2-Chloronaphthalene	9.30	162	561685	50.07	nq	96
47) 2-Nitroaniline	9.41	65	148356	48.17	nq	90
48) Acenaphthylene	9.71	152	766750	43.88	nq	100
49) Dimethylphthalate	9.59	163	687805	52.27	nq	99
50) 2,6-Dinitrotoluene	9.65	165	135310	48.73	nq	# 62
51) Acenaphthene	9.89	154	469994	44.80	nq	100
52) 3-Nitroaniline	9.82	138	49625	15.82	nq	84
53) 2,4-Dinitrophenol	9.93	184	133752	85.71	nq	92
54) Dibenzofuran	10.06	168	698941	48.53	nq	94
55) 4-Nitrophenol	10.00	139	56111	33.46	nq	# 71
56) 2,4-Dinitrotoluene	10.06	165	198877	57.31	nq	96
57) Fluorene	10.40	166	575250	48.63	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	151495	46.36	nq	# 96
59) Diethylphthalate	10.29	149	668461	54.50	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	294670	54.38	nq	# 87
61) 4-Nitroaniline	10.45	138	137783	45.29	nq	93
62) Azobenzene	10.56	77	644404	53.68	nq	90
64) 4,6-Dinitro-2-methylphenol	10.47	198	100986	50.92	nq	93
65) n-Nitrosodiphenylamine	10.53	169	543484	51.37	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	173545	49.07	nq	# 88
67) Hexachlorobenzene	10.95	284	168737	44.12	nq	# 68
68) Atrazine	11.05	200	173990	51.91	nq	99
69) Pentachlorophenol	11.15	266	184497	93.74	nq	97
70) Phenanthrene	11.37	178	920078	53.12	nq	100
71) Anthracene	11.42	178	877977	49.19	nq	98
72) Carbazole	11.58	167	781019	47.97	nq	99
73) Di-n-butylphthalate	11.91	149	1015601	50.56	nq	100
74) Fluoranthene	12.56	202	903927	48.59	nq	98
76) Benzidine	12.70	184	252019	26.92	nq	98
77) Pyrene	12.79	202	921847	48.09	nq	99
79) Butylbenzylphthalate	13.44	149	472523	54.02	nq	# 85
80) Benzo(a)anthracene	14.05	228	816483	48.58	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	158184	24.80	nq	# 98
82) Chrysene	14.09	228	764580	43.18	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	596233	47.77	nq	# 98
84) Di-n-octyl phthalate	14.73	149	1066164	49.74	nq	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	668692	47.51	nq	98
87) Benzo(b)fluoranthene	15.22	252	1412579	91.61	nq	98
88) Benzo(k)fluoranthene	15.22	252	1414348	109.13	nq	99
89) Benzo(a)pyrene	15.56	252	650841	49.11	nq	98
90) Dibenzo(a,h)anthracene	17.06	278	563990	51.93	nq	99
91) Benzo(g,h,i)perylene	17.48	276	561681	53.24	nq	99

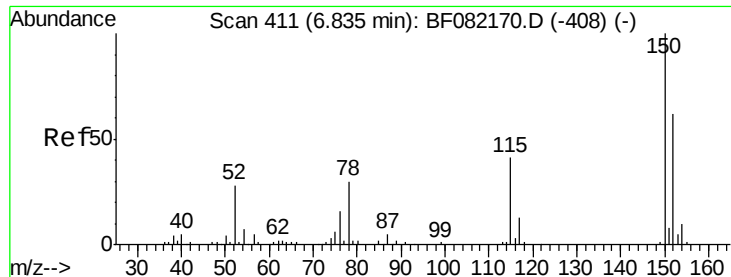
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

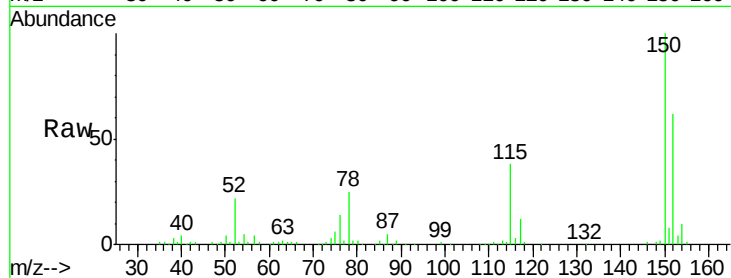
Tot Ion:152 Resp: 95341

Ion Ratio Lower Upper

152 100

150 161.8 129.0 193.4

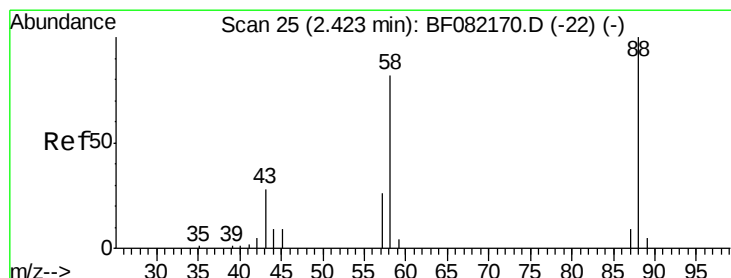
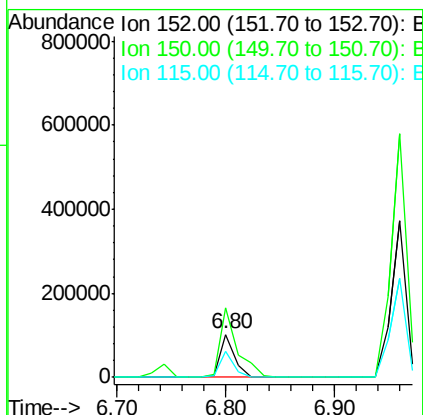
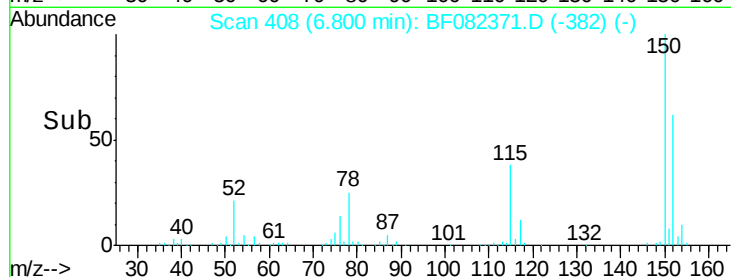
115 61.0 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 19.47 ng

RT: 2.39 min Scan# 22

Delta R.T. 0.05 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

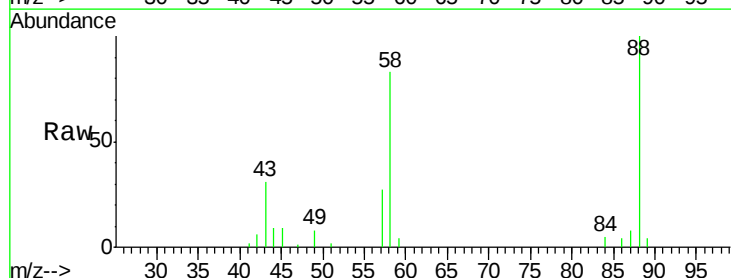
Tgt Ion: 88 Resp: 46222

Ion Ratio Lower Upper

88 100

58 86.7 66.2 99.4

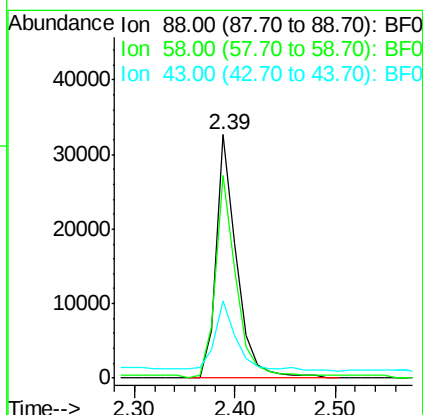
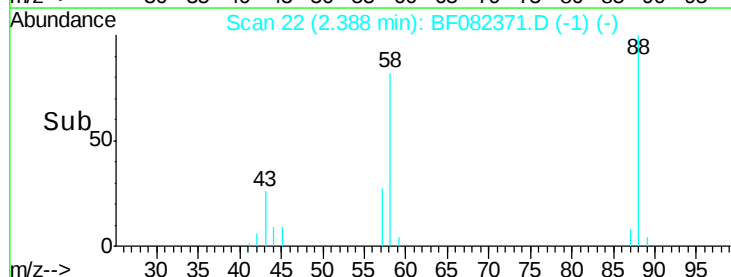
43 31.6 23.0 34.4

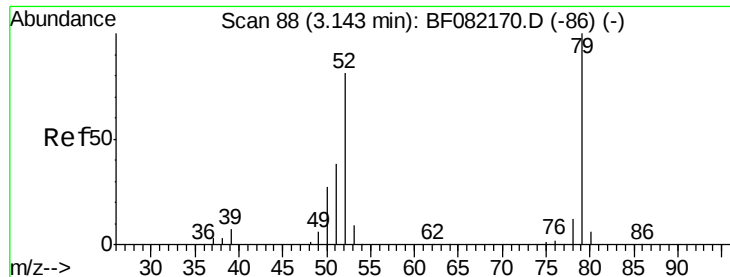


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 17.55 ng

RT: 3.11 min Scan# 85

Delta R.T. 0.06 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

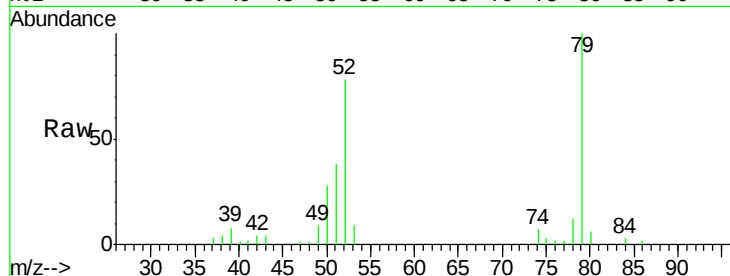
Tot Ion: 79 Resp: 96869

Ion Ratio Lower Upper

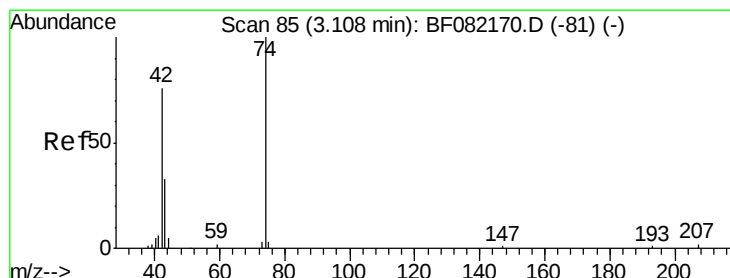
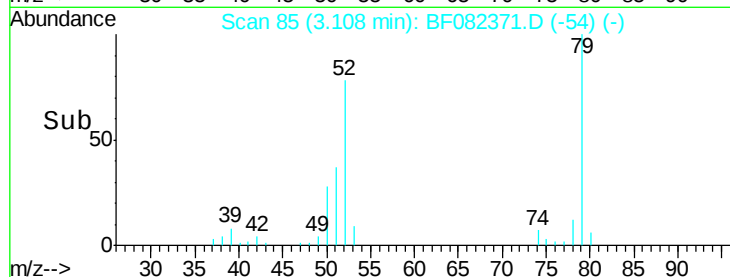
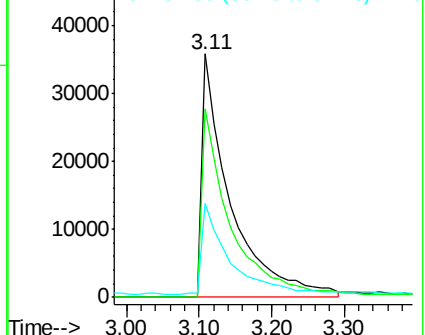
79 100

52 77.5 64.4 96.6

51 38.5 30.5 45.7



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: 20.95 ng

RT: 3.05 min Scan# 80

Delta R.T. 0.02 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

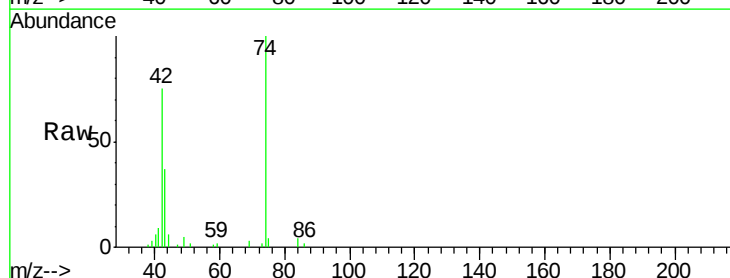
Tgt Ion: 42 Resp: 49057

Ion Ratio Lower Upper

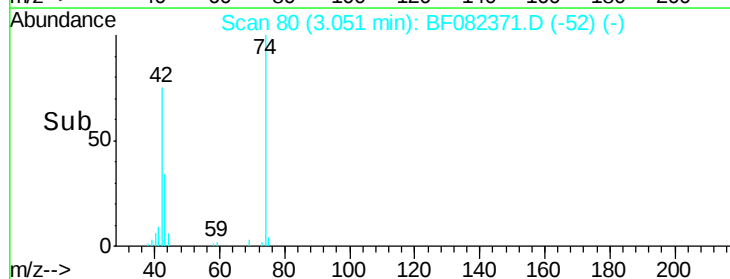
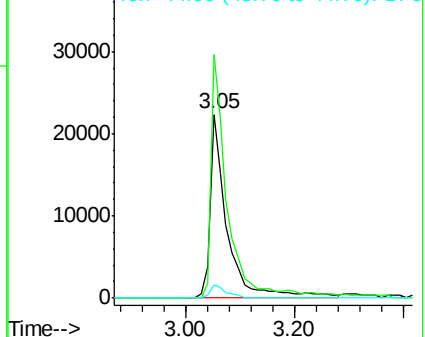
42 100

74 132.7 105.7 158.5

44 7.4 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: 81.17 ng

RT: 5.39 min Scan# 285

Delta R.T. 0.00 min

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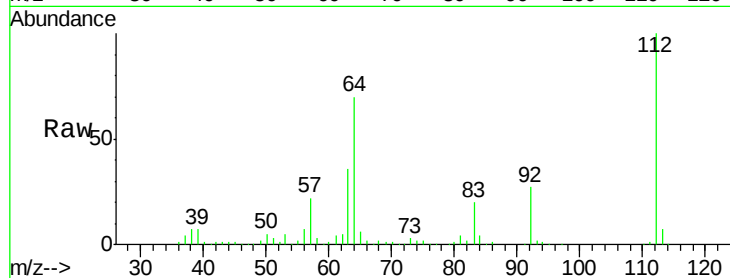
Tot Ion:112 Resp: 383455

Ion Ratio Lower Upper

112 100

64 69.5 48.6 73.0

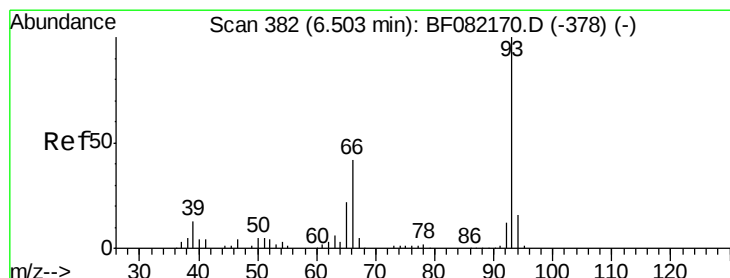
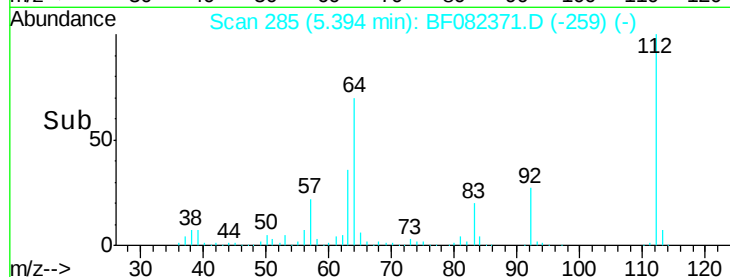
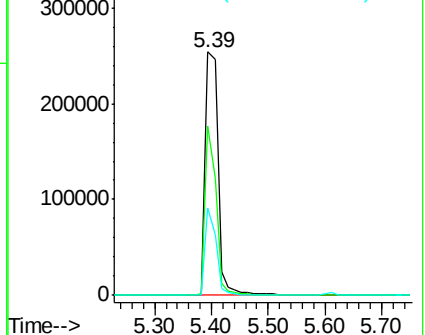
63 36.2 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.93 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

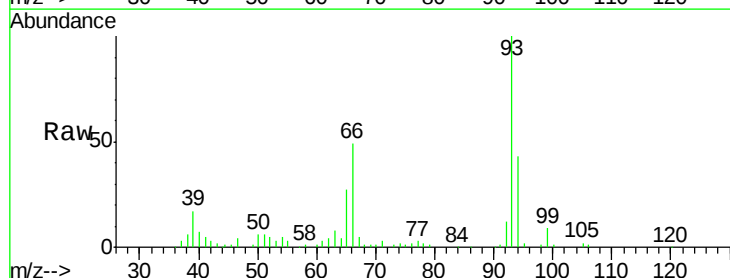
Tgt Ion: 93 Resp: 134216

Ion Ratio Lower Upper

93 100

66 49.2 34.2 51.2

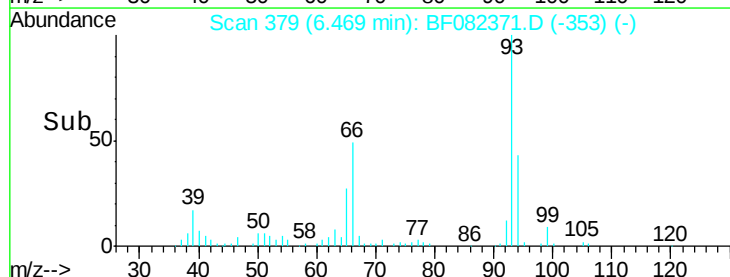
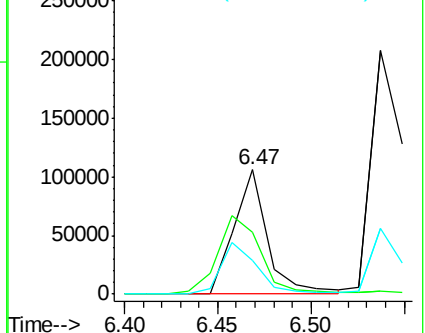
65 27.1 17.9 26.9#



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: 52.23 ng

RT: 6.45 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082371.D

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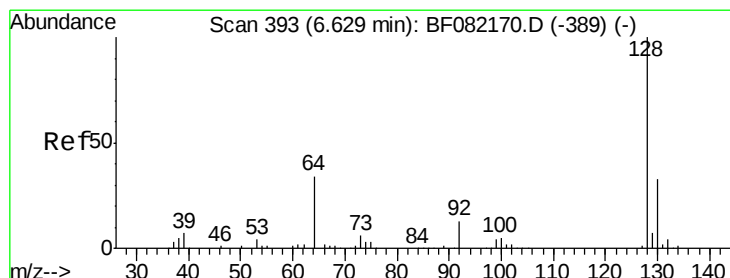
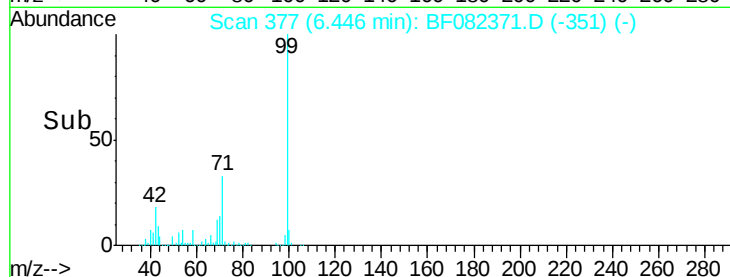
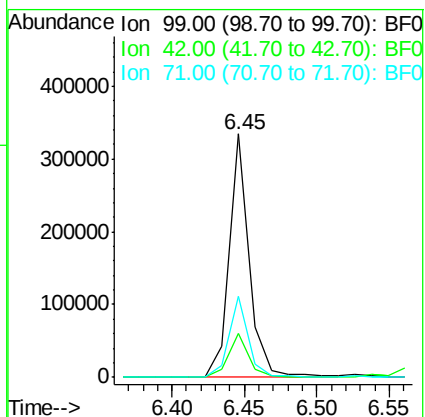
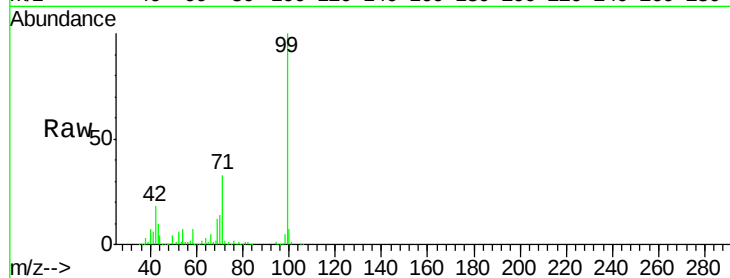
Tot Ion: 99 Resp: 321088

Ion Ratio Lower Upper

99 100

42 17.9 13.2 19.8

71 33.4 25.6 38.4



#8

2-Chlorophenol

Concen: 38.81 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

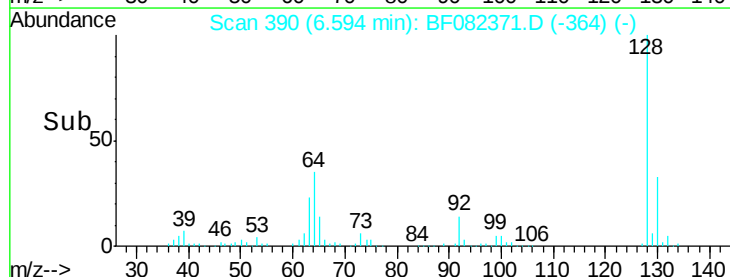
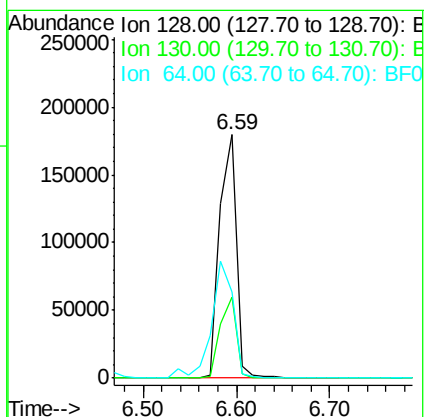
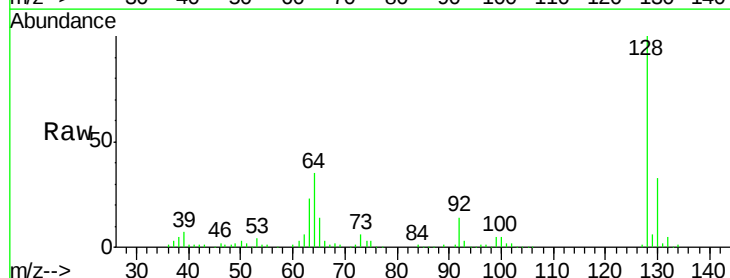
Tgt Ion: 128 Resp: 223794

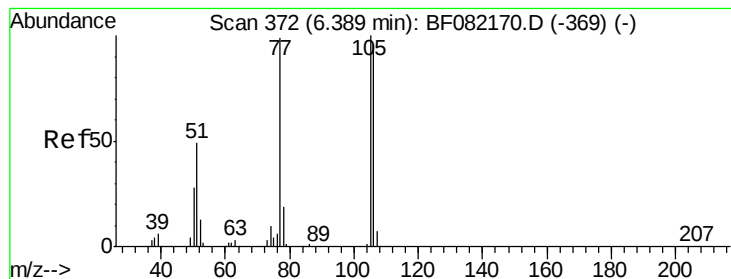
Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

64 35.3 16.7 56.7





#9

Benzaldehyde

Concen: 42.51 ng

RT: 6.34 min Scan# 368

Delta R.T. -0.01 min

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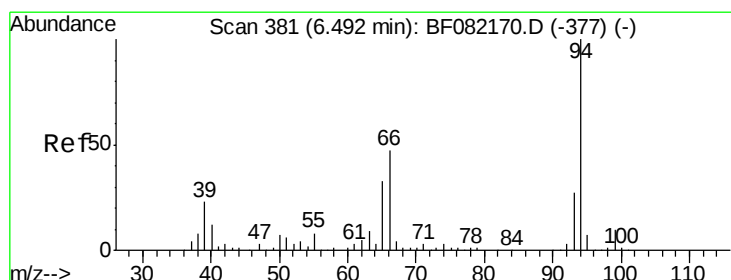
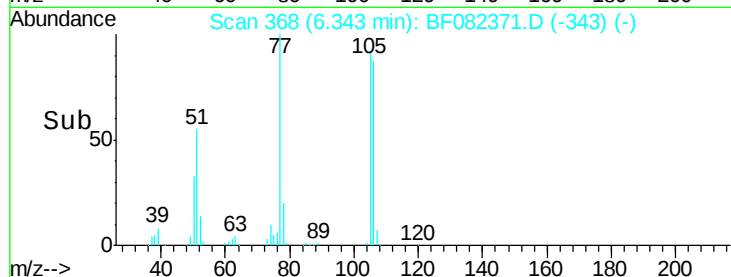
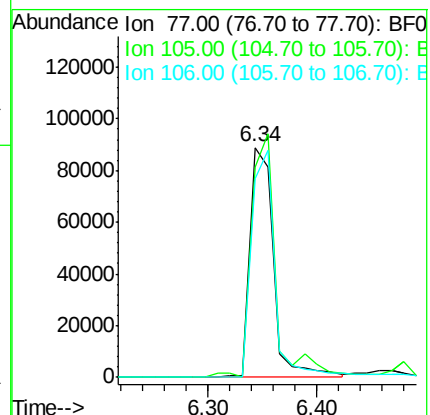
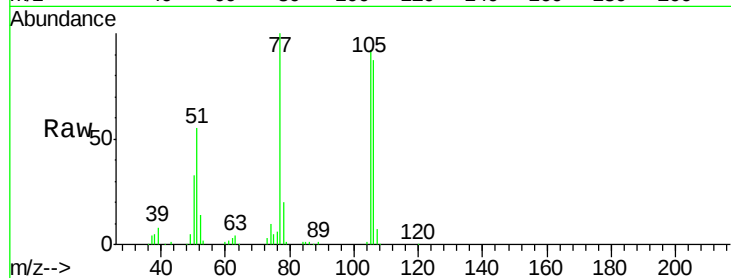
Tot Ion: 77 Resp: 133452

Ion Ratio Lower Upper

77 100

105 91.6 80.6 120.6

106 86.9 75.5 115.5



#10

Phenol

Concen: 16.94 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

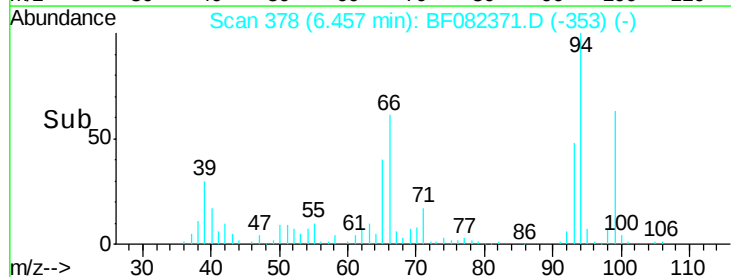
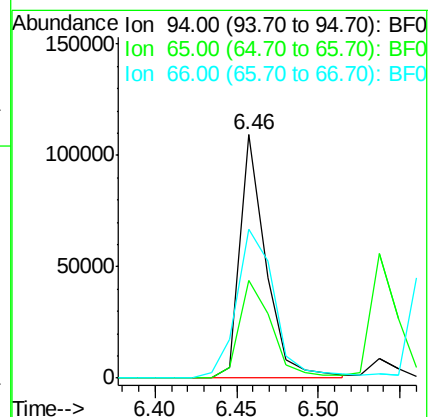
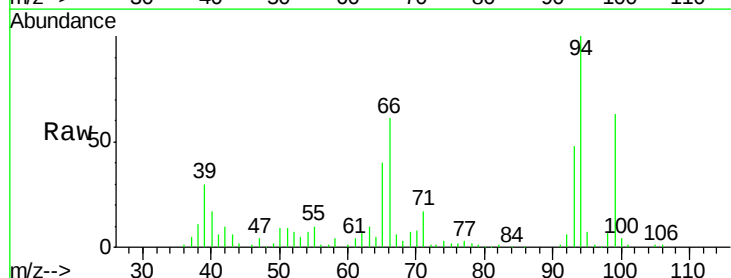
Tgt Ion: 94 Resp: 120092

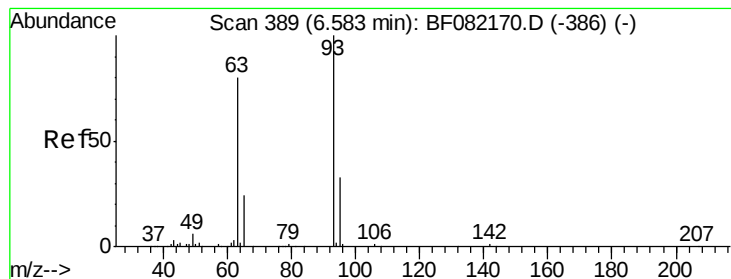
Ion Ratio Lower Upper

94 100

65 39.9 12.6 52.6

66 61.1 27.3 67.3

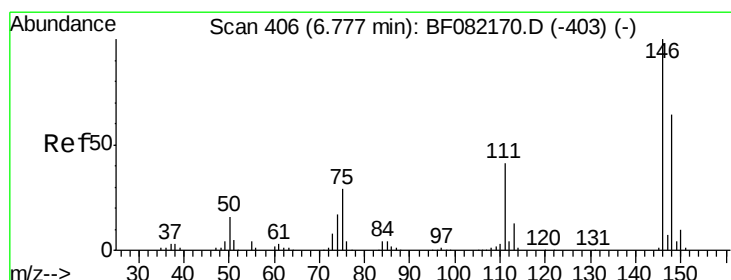
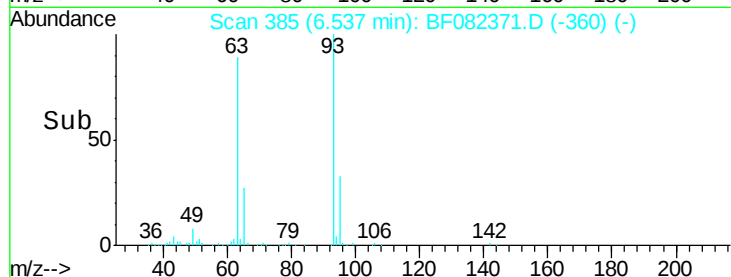
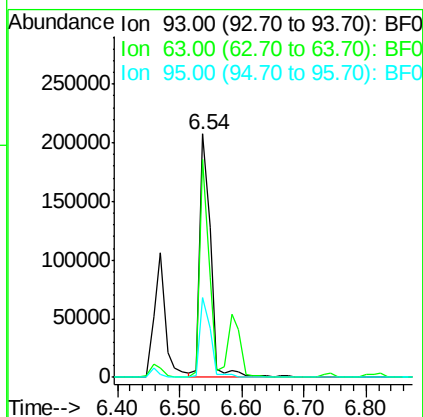
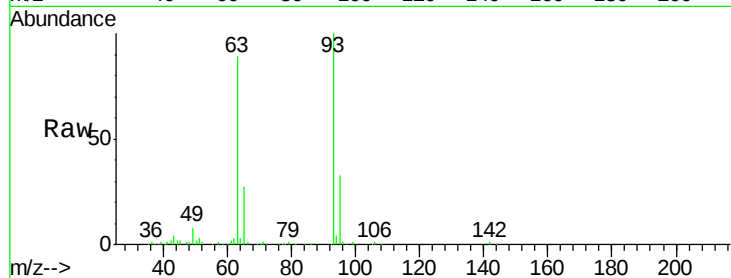




#11
bis(2-Chloroethyl)ether
Concen: 42.36 ng
RT: 6.54 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

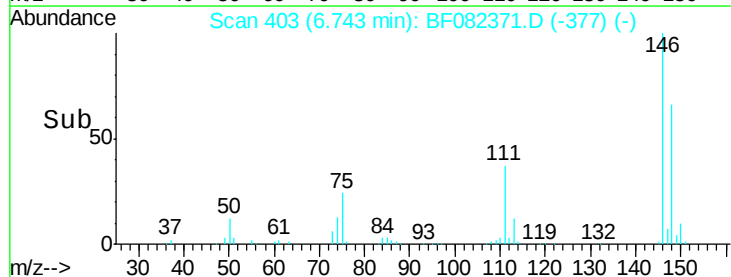
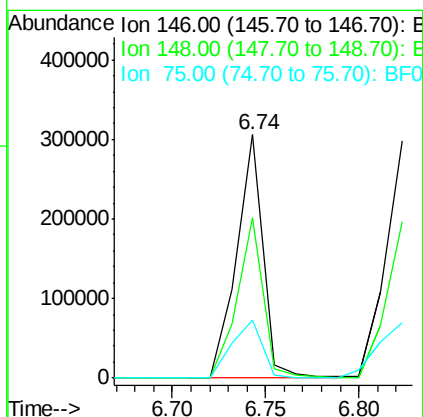
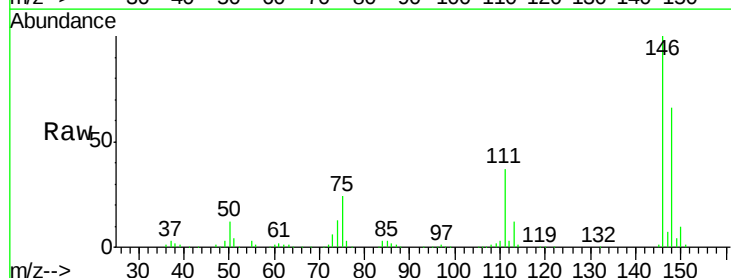
Instrument :
BNA_F
ClientSampleId :
PX3MSD

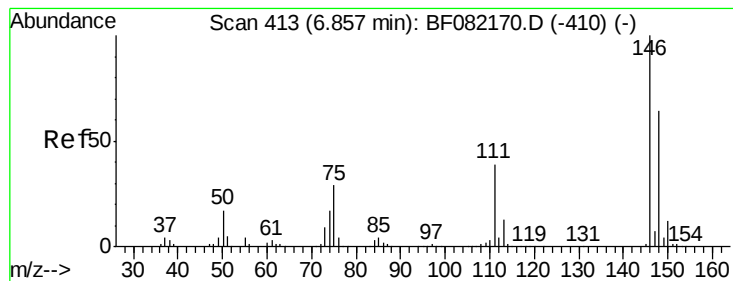
Tot Ion: 93 Resp: 253921
Ion Ratio Lower Upper
93 100
63 89.3 57.1 97.1
95 32.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 45.35 ng
RT: 6.74 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion: 146 Resp: 304588
Ion Ratio Lower Upper
146 100
148 66.0 51.4 77.2
75 23.7 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 43.35 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

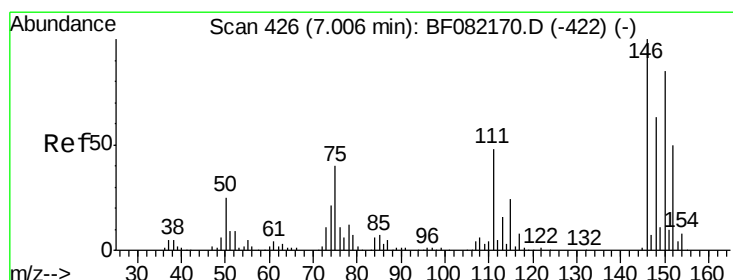
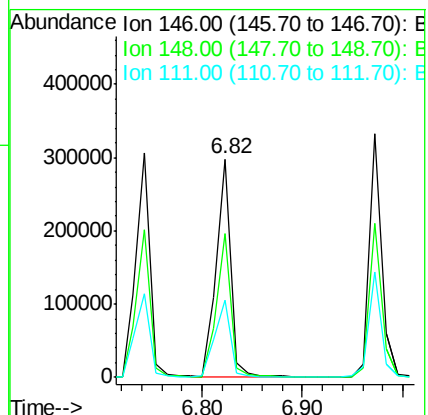
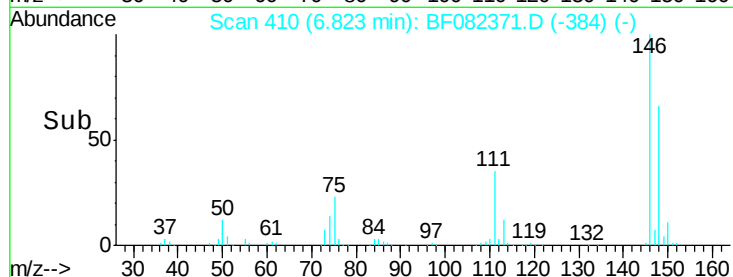
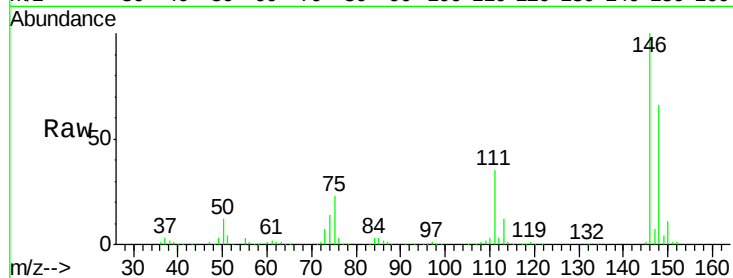
Tot Ion:146 Resp: 304060

Ion Ratio Lower Upper

146 100

148 65.8 51.0 76.4

111 35.4 31.1 46.7



#14

1,2-Dichlorobenzene

Concen: 43.17 ng

RT: 6.97 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

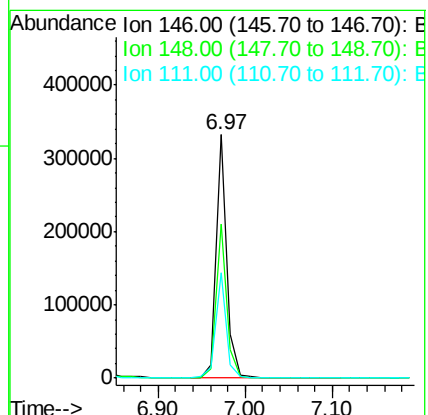
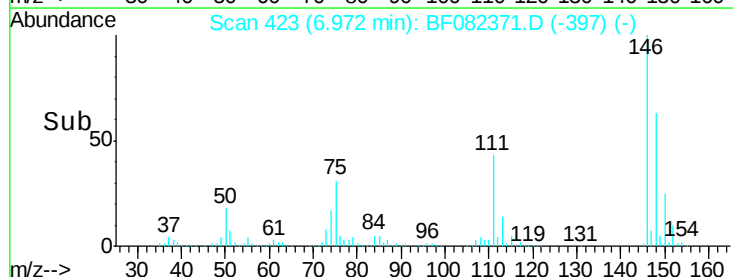
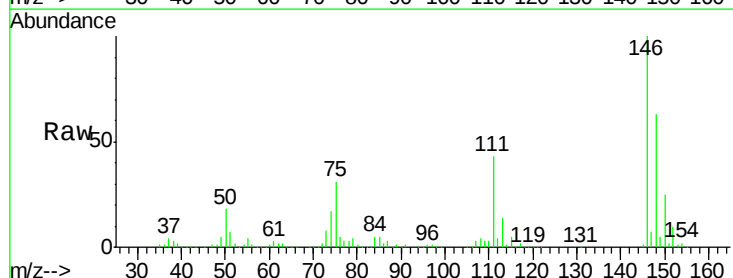
Tgt Ion:146 Resp: 287511

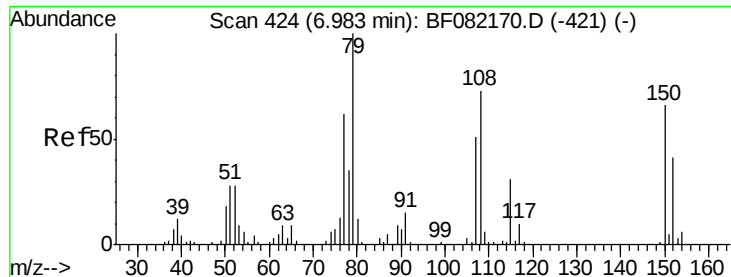
Ion Ratio Lower Upper

146 100

148 63.4 50.5 75.7

111 43.4 38.5 57.7

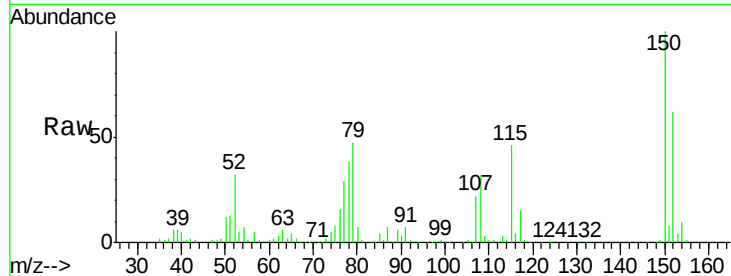




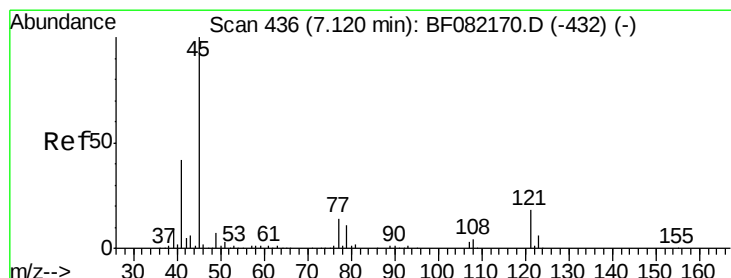
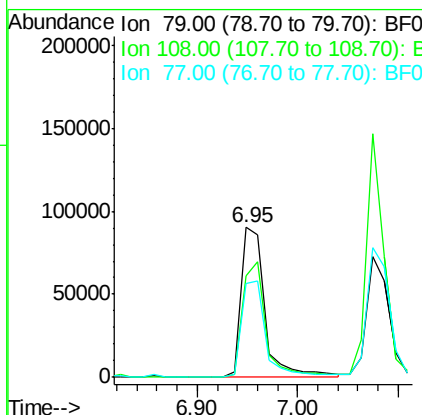
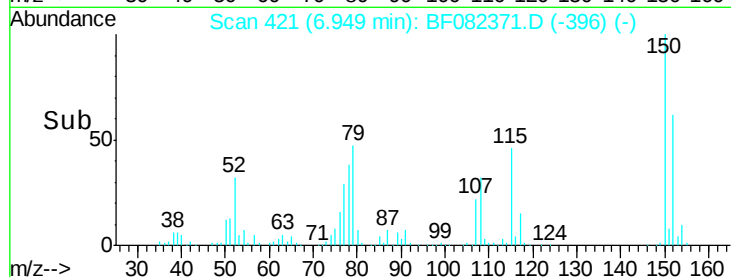
#15
Benzyl Alcohol
Concen: 35.22 ng
RT: 6.95 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampled :
PX3MSD

Tot Ion: 79 Resp: 149450
Ion Ratio Lower Upper
79 100
108 68.0 58.4 87.6
77 62.8 49.8 74.6

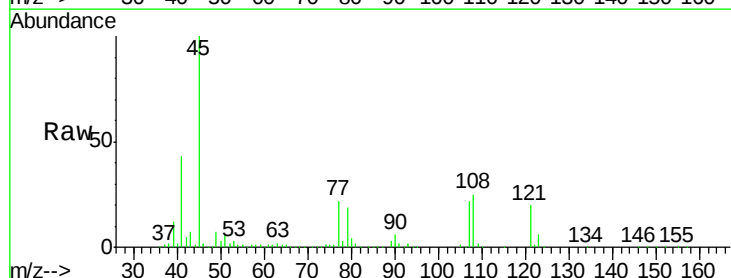


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

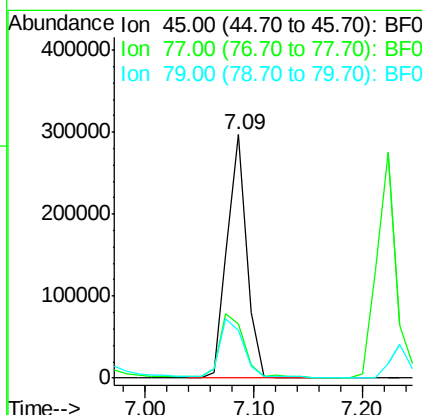
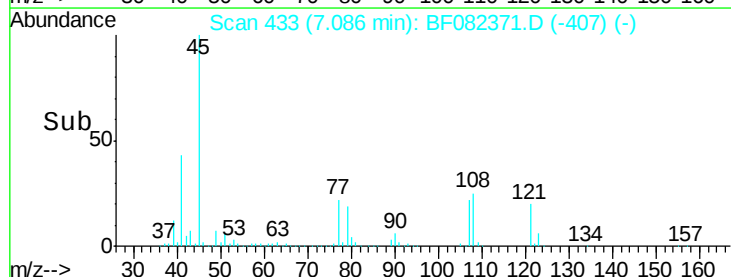


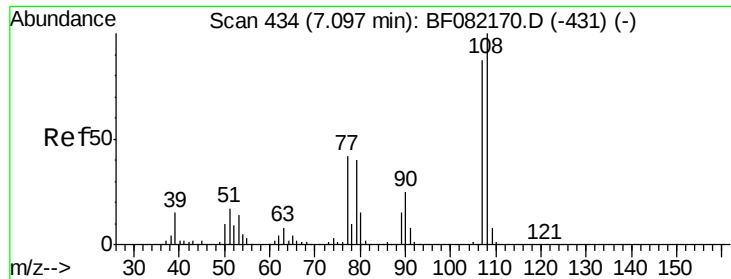
#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.38 ng
RT: 7.09 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion: 45 Resp: 370392
Ion Ratio Lower Upper
45 100
77 22.3 0.0 34.5
79 19.4 0.0 31.6



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

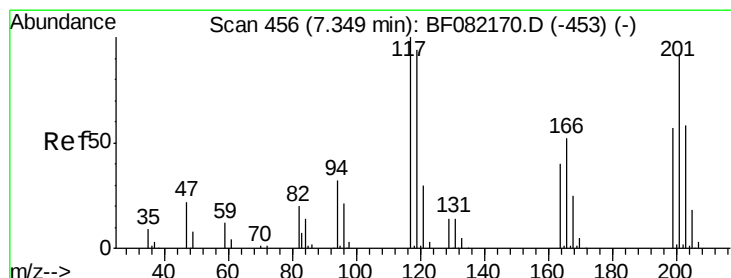
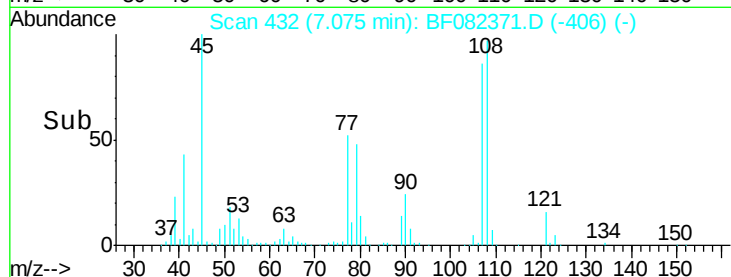
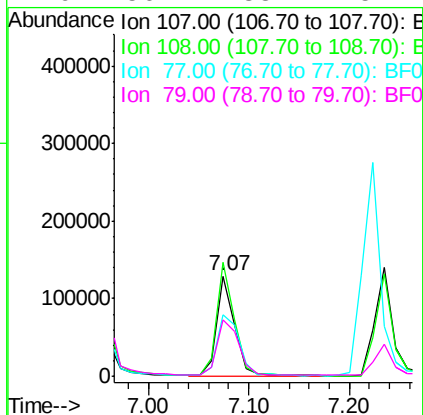
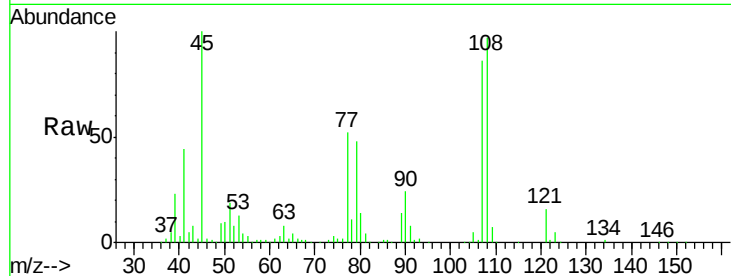




#17
2-Methylphenol
Concen: 34.76 ng
RT: 7.07 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

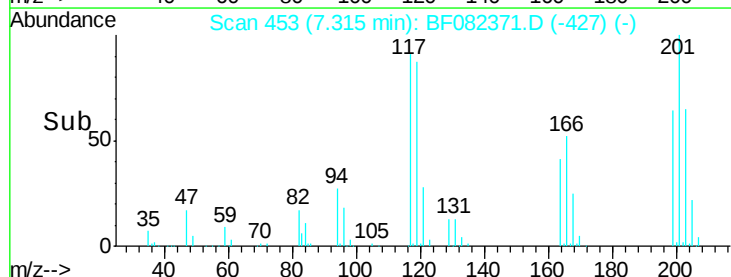
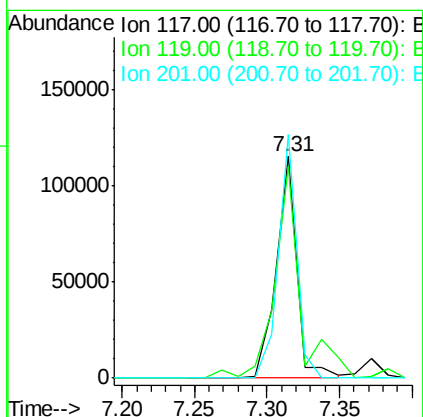
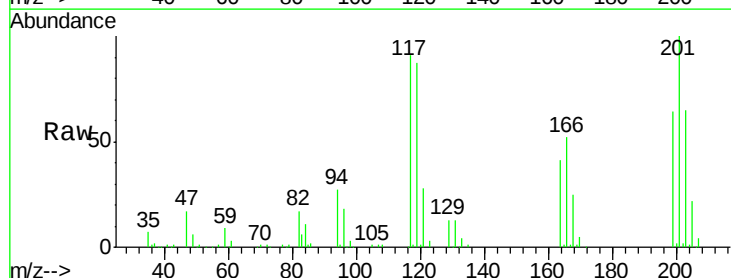
Instrument :
BNA_F
ClientSampleId :
PX3MSD

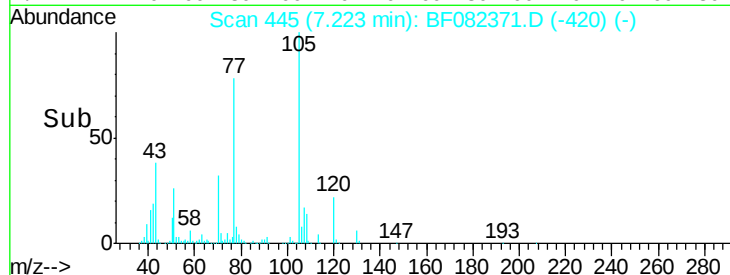
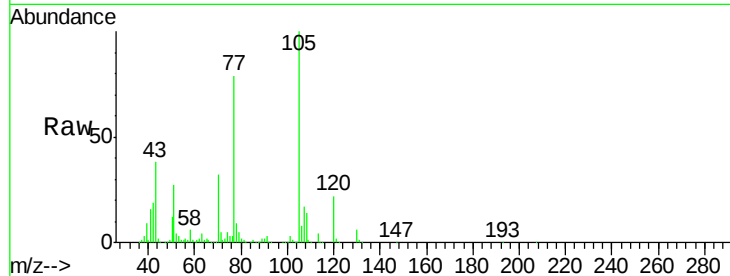
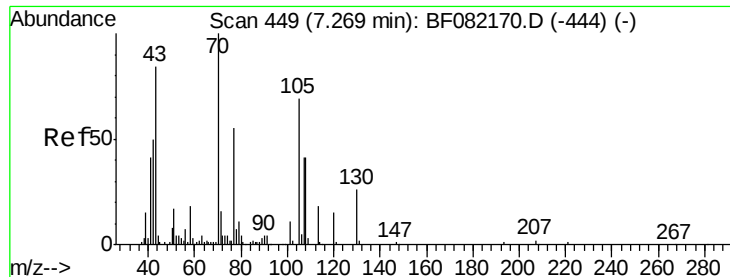
Tot Ion:107 Resp: 158538
Ion Ratio Lower Upper
107 100
108 113.5 92.2 138.2
77 60.7 39.6 59.4#
79 56.4 38.2 57.4



#18
Hexachloroethane
Concen: 46.97 ng
RT: 7.31 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion:117 Resp: 112764
Ion Ratio Lower Upper
117 100
119 95.2 75.4 113.2
201 109.8 73.4 110.0

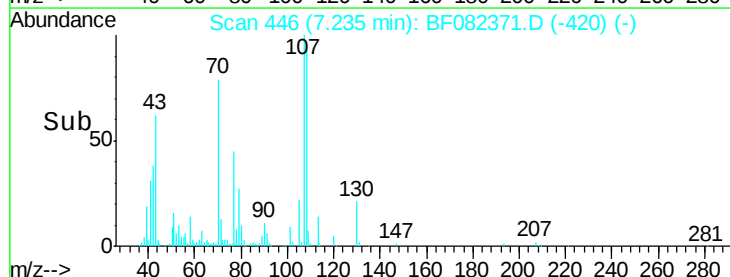
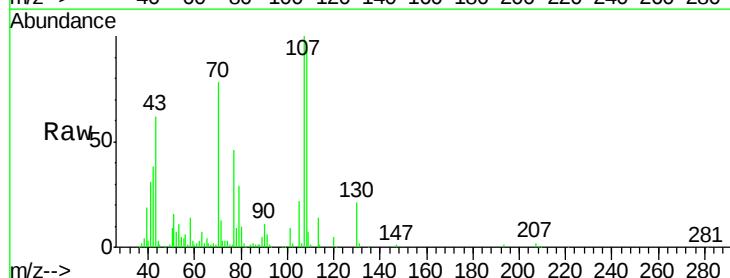
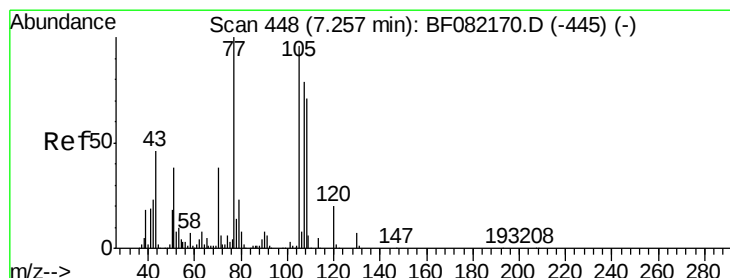
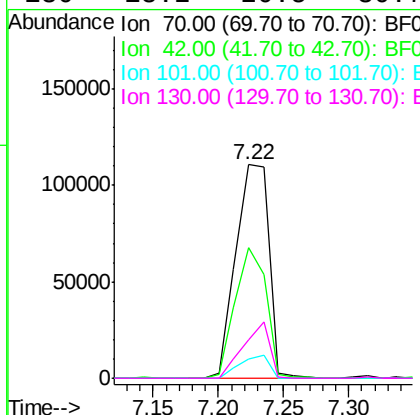




#19
n-Nitroso-di-n-propylamine
Concen: 45.02 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

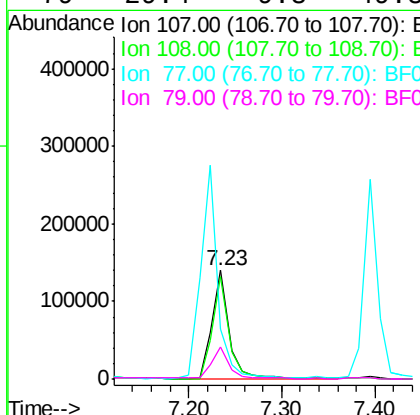
Instrument :
BNA_F
ClientSampleId :
PX3MSD

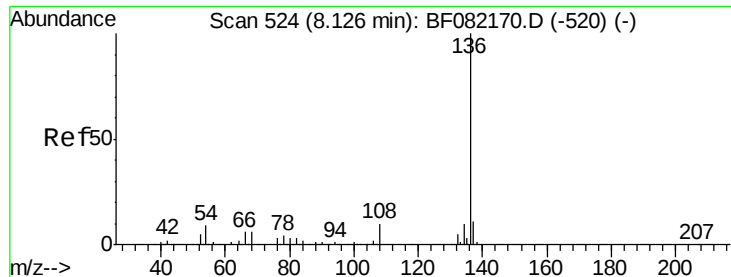
Tot Ion: 70 Resp: 194371
Ion Ratio Lower Upper
70 100
42 61.3 39.8 59.8#
101 9.2 8.6 13.0
130 18.2 20.5 30.7#



#20
3+4-Methylphenols
Concen: 32.58 ng
RT: 7.23 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion: 107 Resp: 177054
Ion Ratio Lower Upper
107 100
108 94.3 69.9 109.9
77 46.0 106.0 146.0#
79 29.4 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

Tot Ion:136 Resp: 364669

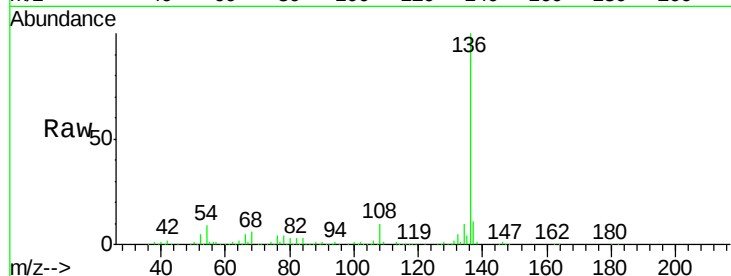
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 9.1 7.5 11.3

68 5.8 4.6 7.0

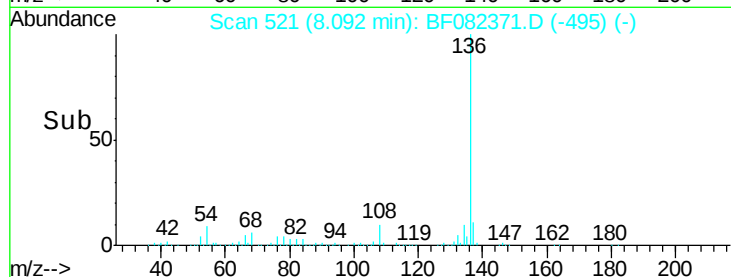


Abundance Ion 136.00 (135.70 to 136.70): E

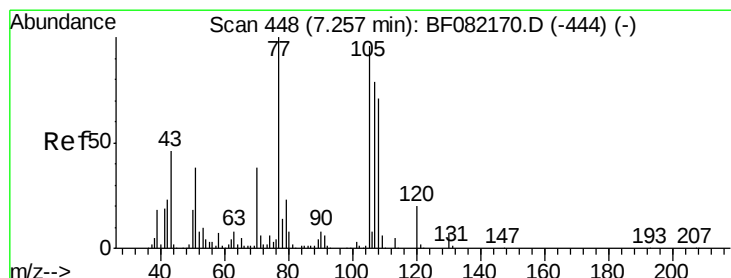
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 55.37 ng

RT: 7.22 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:105 Resp: 399401

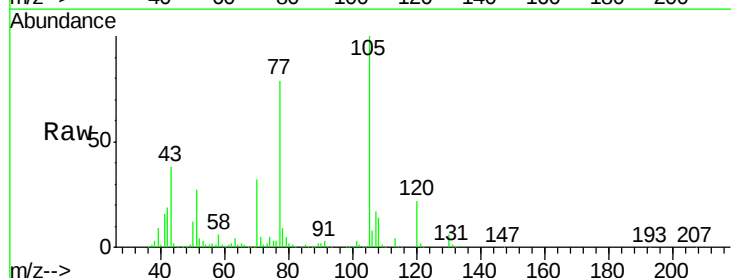
Ion Ratio Lower Upper

105 100

71 5.3 5.4 8.0#

51 26.8 31.8 47.6#

120 22.3 16.3 24.5

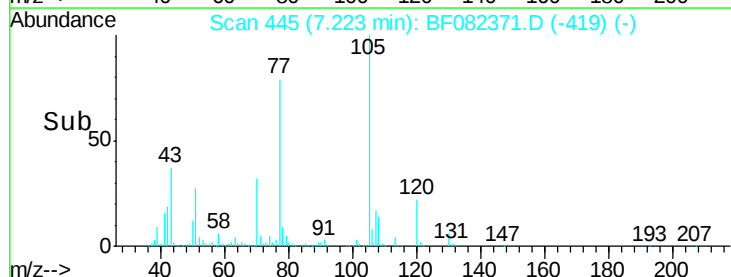


Abundance Ion 105.00 (104.70 to 105.70): E

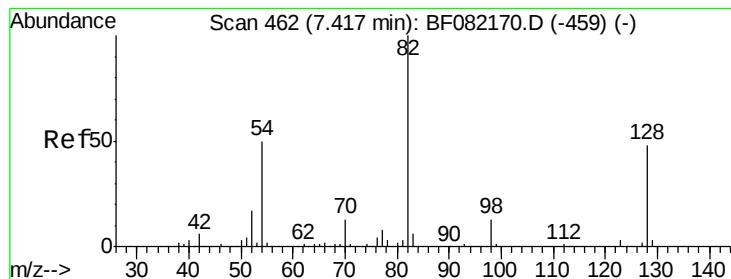
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 114.14 ng

RT: 7.38 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

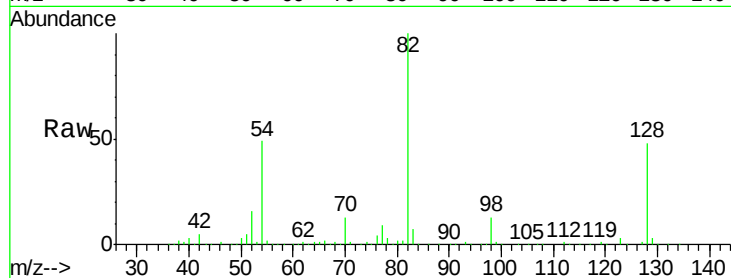
Tot Ion: 82 Resp: 619827

Ion Ratio Lower Upper

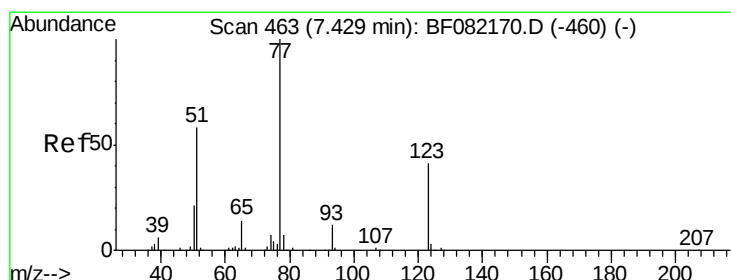
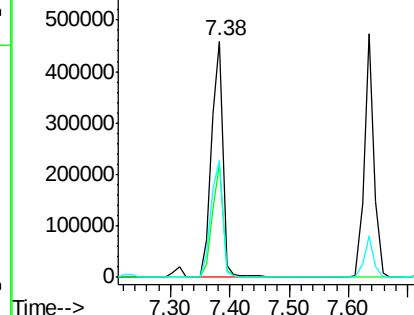
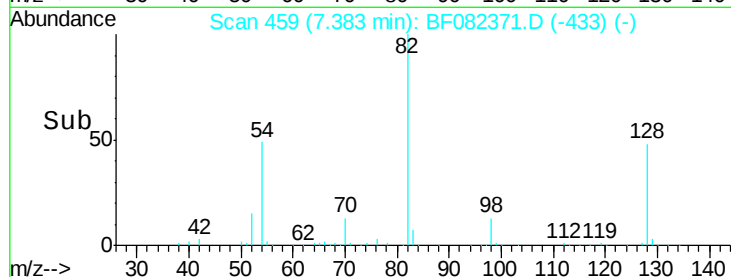
82 100

128 47.6 38.7 58.1

54 49.3 40.1 60.1



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: 45.50 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

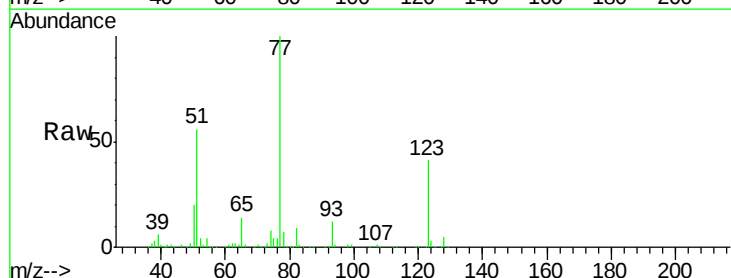
Tgt Ion: 77 Resp: 267463

Ion Ratio Lower Upper

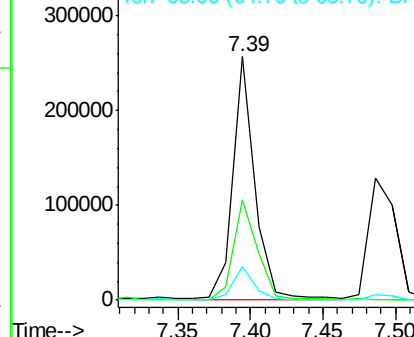
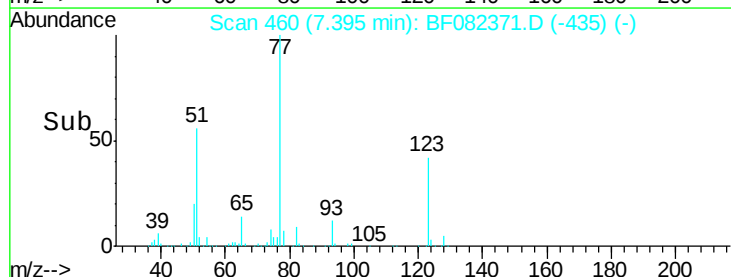
77 100

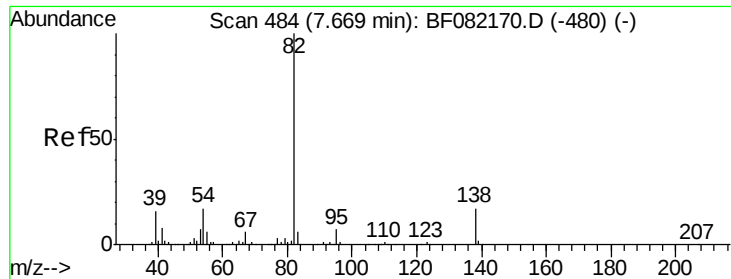
123 41.4 33.0 49.4

65 14.1 11.2 16.8



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: 48.42 ng

RT: 7.63 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

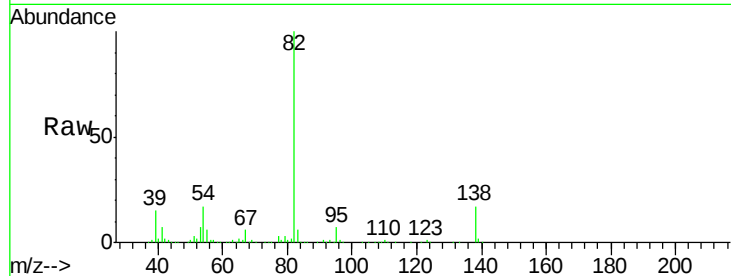
Tot Ion: 82 Resp: 530697

Ion Ratio Lower Upper

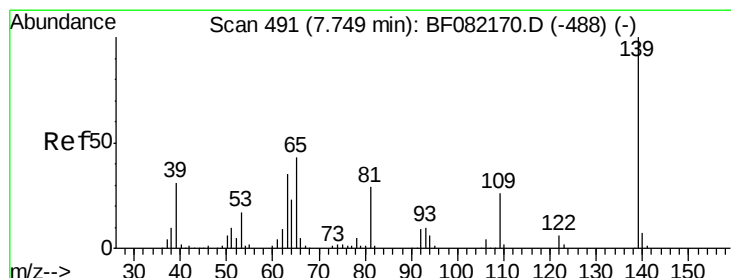
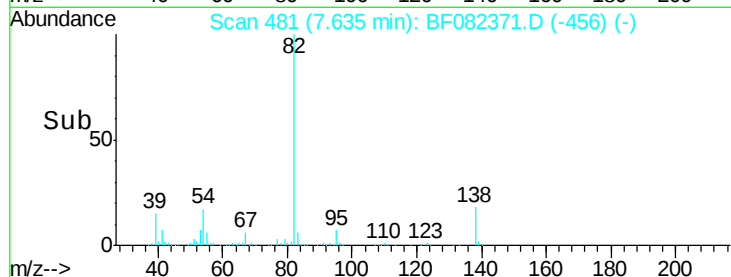
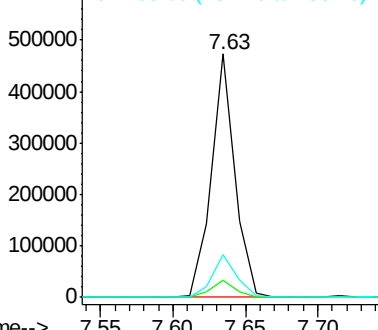
82 100

95 7.0 5.6 8.4

138 17.5 13.6 20.4



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



#26

2-Nitrophenol

Concen: 54.02 ng

RT: 7.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

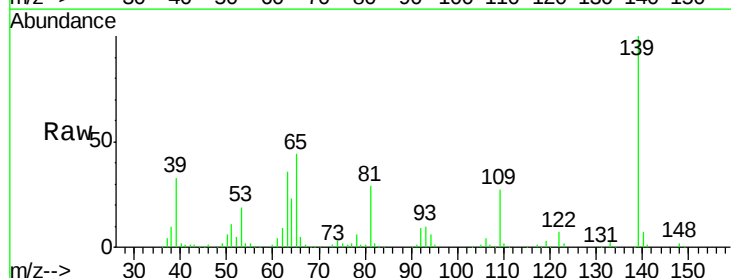
Tgt Ion: 139 Resp: 158536

Ion Ratio Lower Upper

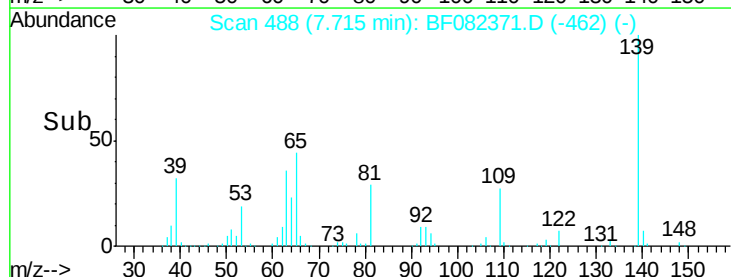
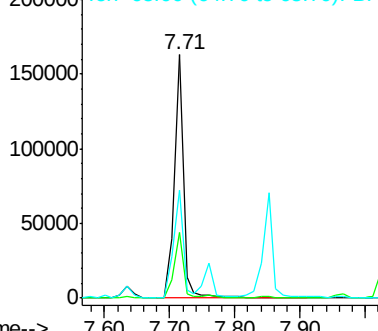
139 100

109 26.8 20.6 31.0

65 44.3 34.3 51.5



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





#27

2,4-Dimethylphenol

Concen: 48.79 ng

RT: 7.76 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

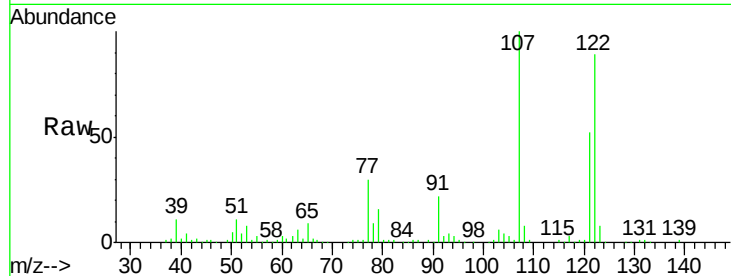
Tot Ion:122 Resp: 230689

Ion Ratio Lower Upper

122 100

107 112.4 94.0 141.0

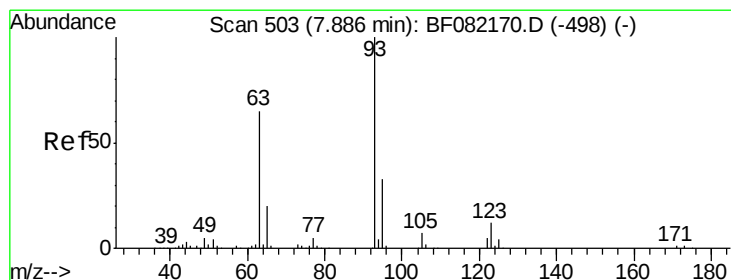
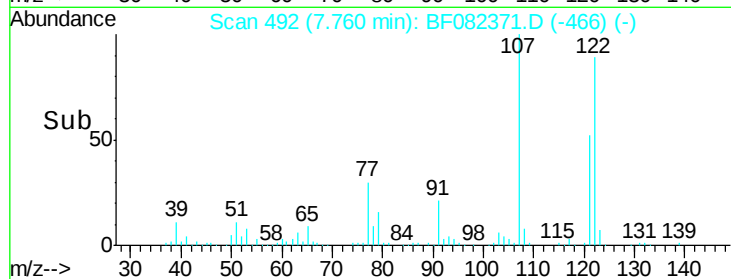
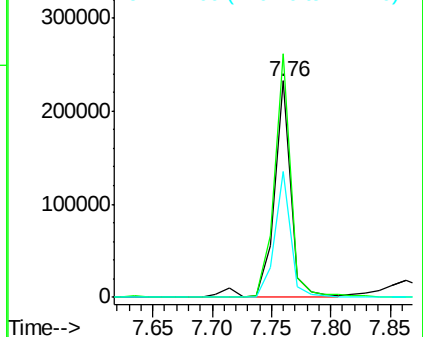
121 58.0 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 53.70 ng

RT: 7.85 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

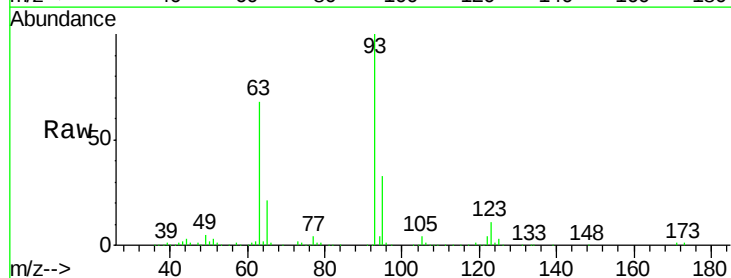
Tgt Ion: 93 Resp: 342473

Ion Ratio Lower Upper

93 100

95 33.2 26.6 39.8

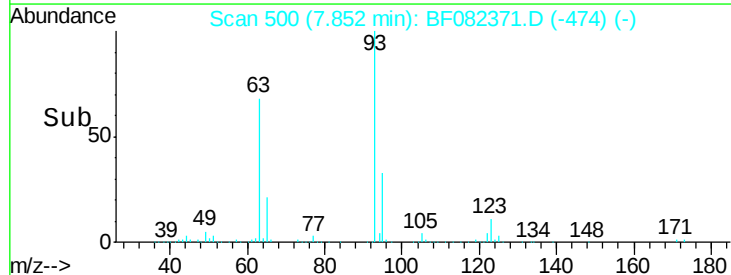
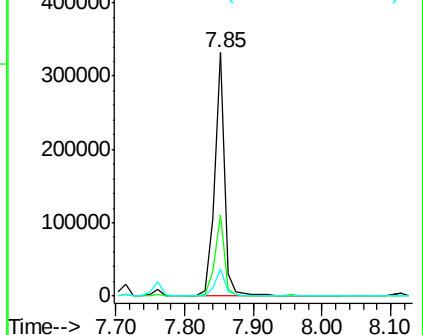
123 11.0 9.5 14.3

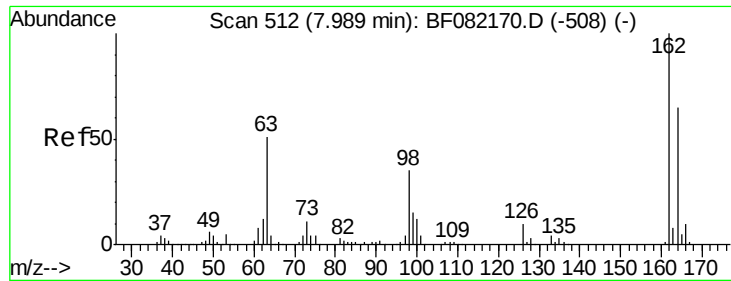


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

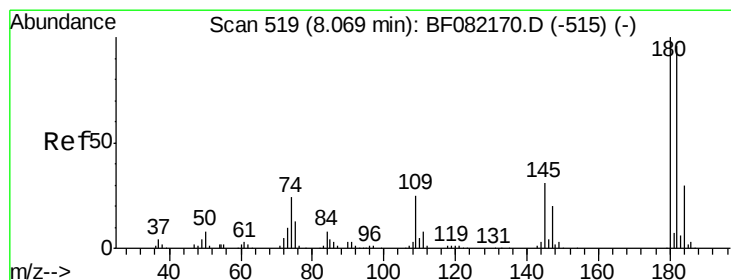
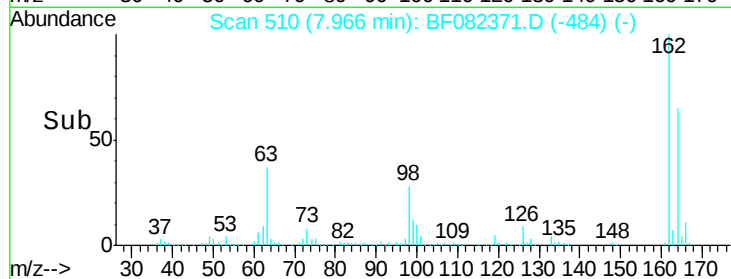
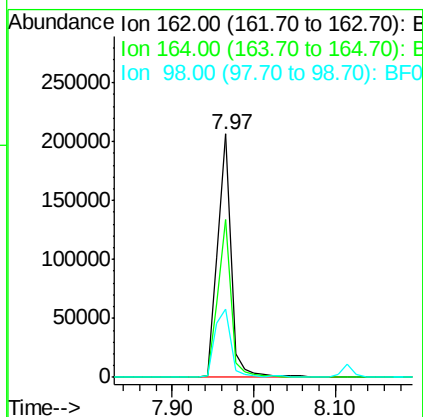
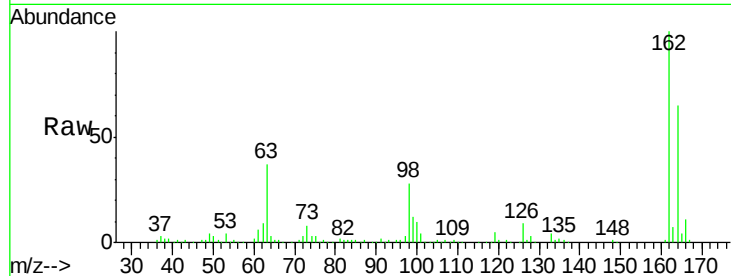




#29
 2,4-Dichlorophenol
 Concen: 50.96 ng
 RT: 7.97 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

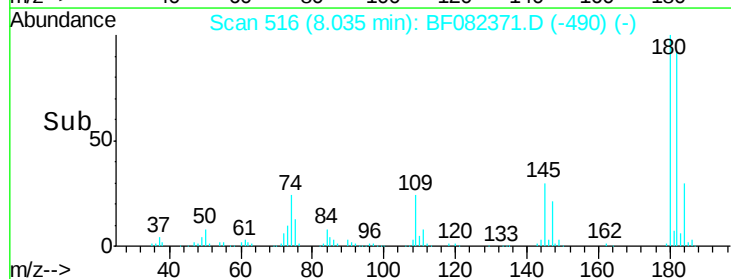
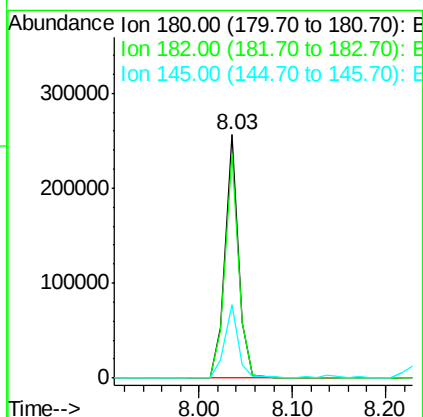
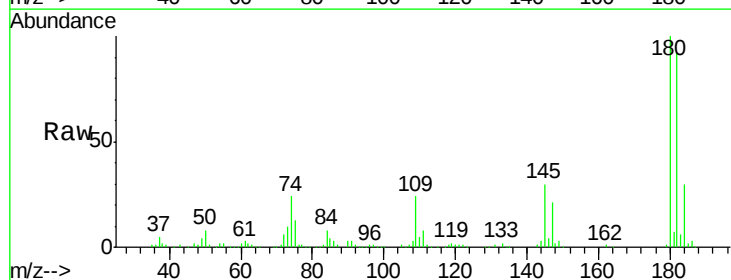
Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

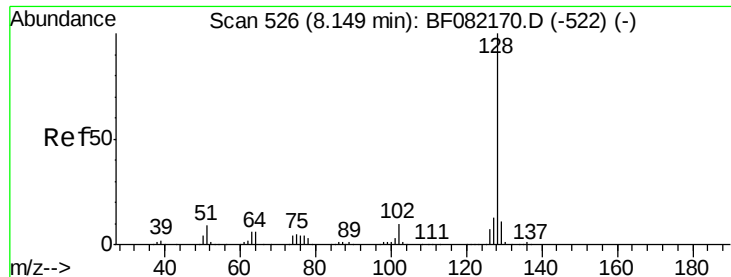
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	28.1	15.0	55.0



#30
 1,2,4-Trichlorobenzene
 Concen: 47.41 ng
 RT: 8.03 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	77.0	115.4
145	30.2	25.0	37.4

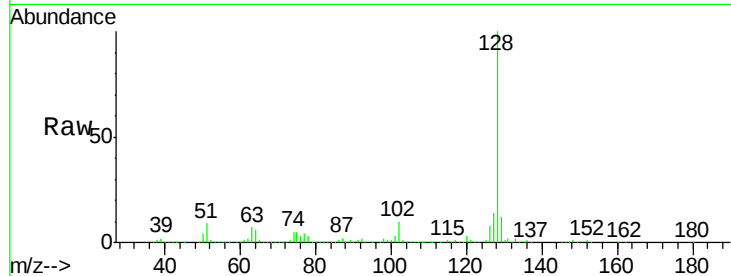




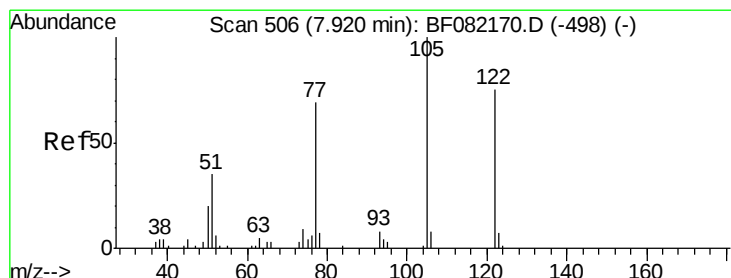
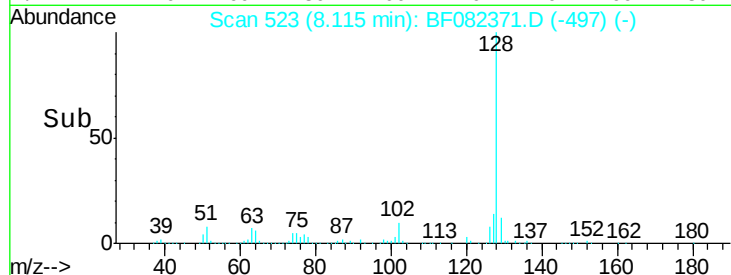
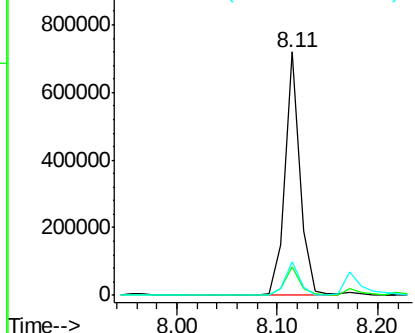
#31
Naphthalene
Concen: 47.25 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion:128 Resp: 746966
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.8 10.7 16.1

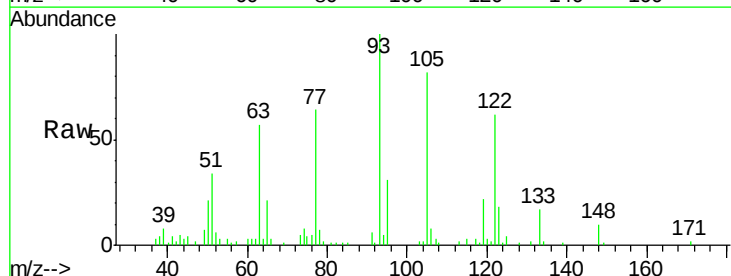


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

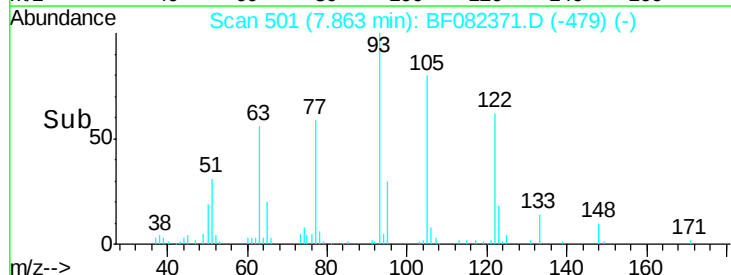
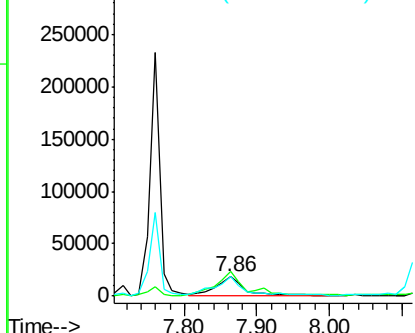


#32
Benzoic acid
Concen: 15.33 ng
RT: 7.86 min Scan# 501
Delta R.T. -0.05 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion:122 Resp: 48637
Ion Ratio Lower Upper
122 100
105 131.3 104.4 144.4
77 103.2 69.0 109.0



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

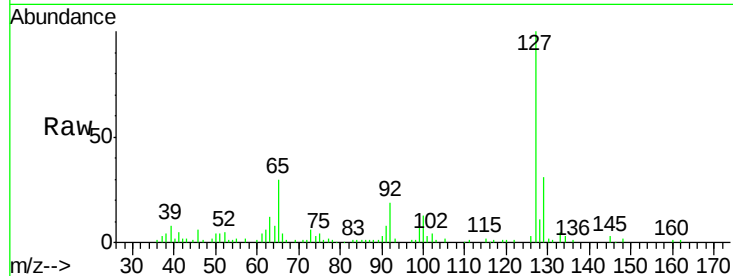




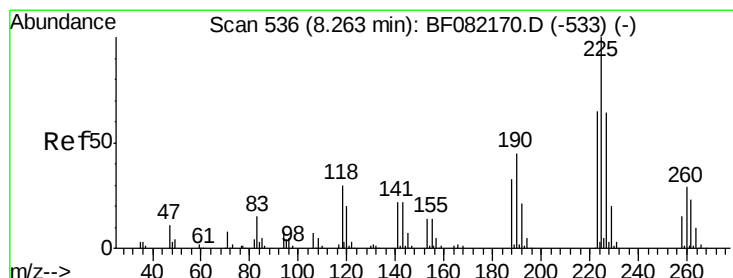
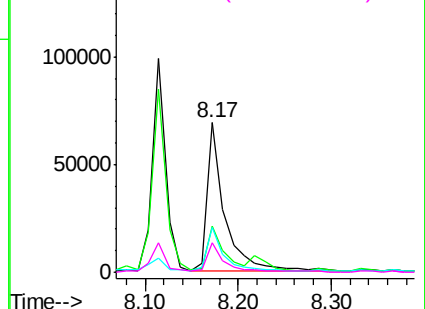
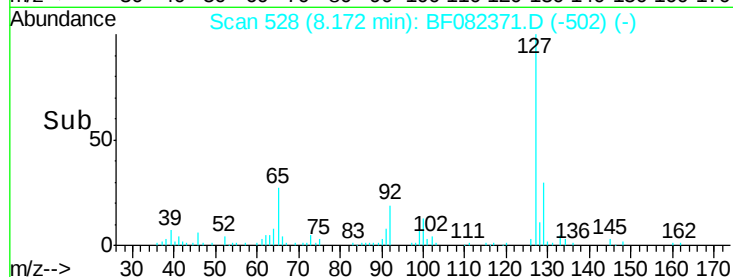
#33
4-Chloroaniline
Concen: 13.80 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion:	127	Resp:	90590
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.3	39.5
65	30.0	24.4	36.6
92	19.3	15.7	23.5

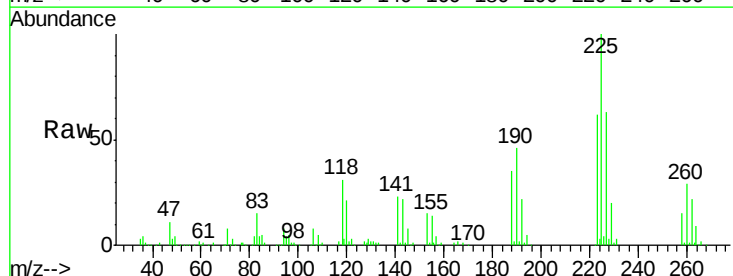


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

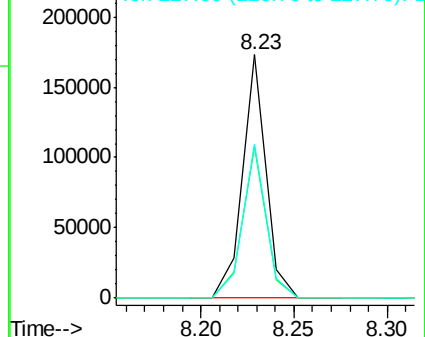
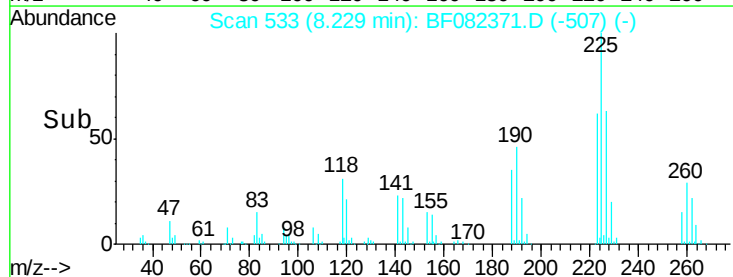


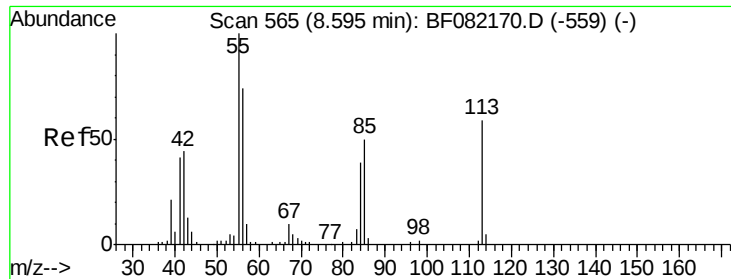
#34
Hexachlorobutadiene
Concen: 44.87 ng
RT: 8.23 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion:	225	Resp:	152317
Ion	Ratio	Lower	Upper
225	100		
223	62.5	52.2	78.2
227	63.4	51.3	76.9



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: 9.68 ng

RT: 8.55 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampled :

PX3MSD

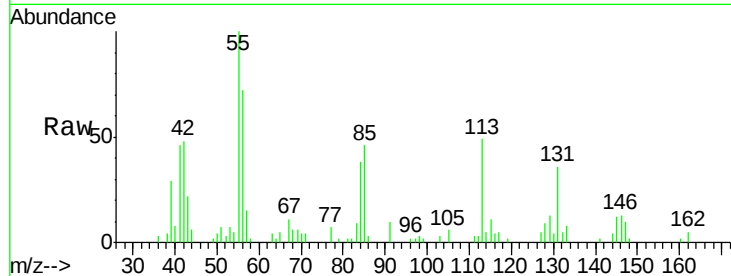
Tot Ion:113 Resp: 13280

Ion Ratio Lower Upper

113 100

55 205.9 149.7 189.7#

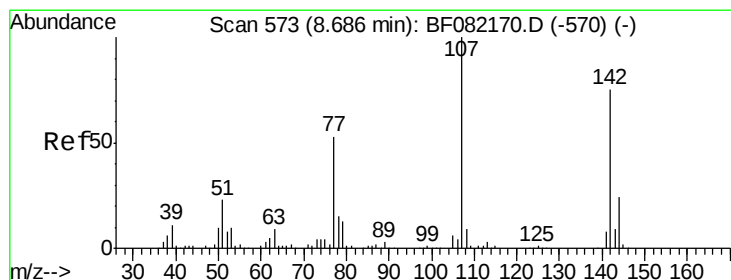
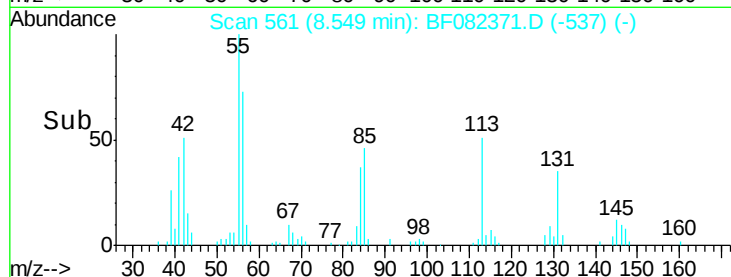
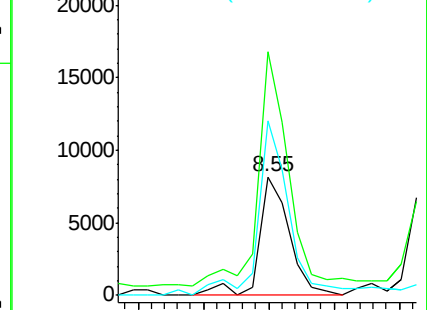
56 147.9 105.4 145.4#



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: 48.70 ng

RT: 8.66 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

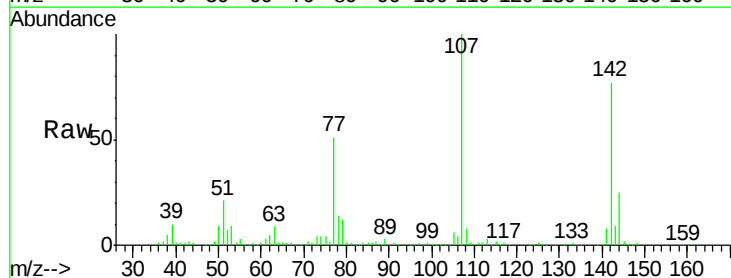
Tgt Ion:107 Resp: 225118

Ion Ratio Lower Upper

107 100

144 25.1 19.3 28.9

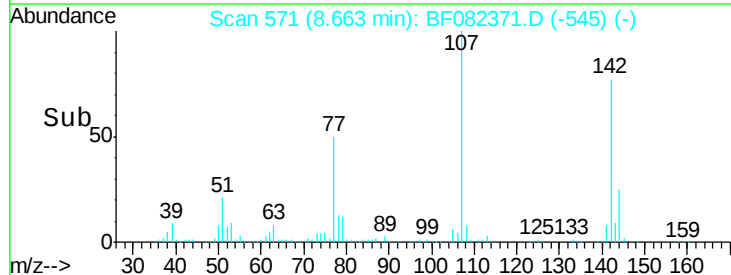
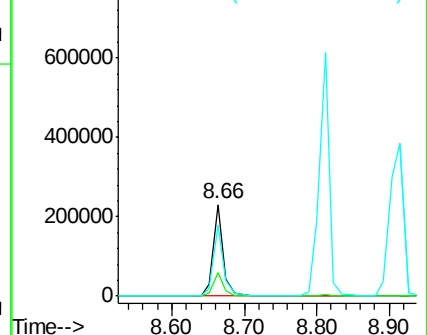
142 76.7 59.9 89.9

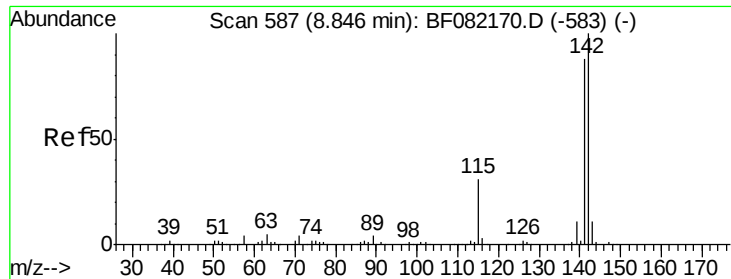


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

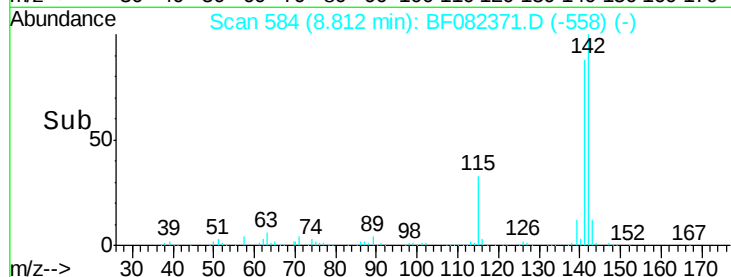
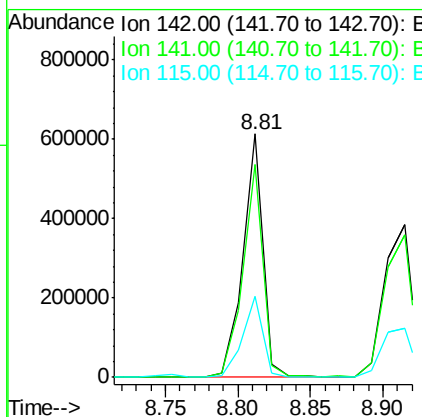
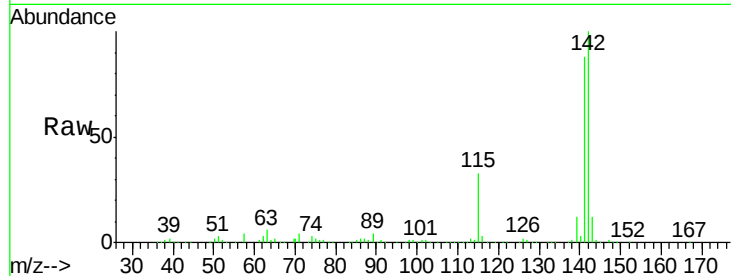




#37
2-Methylnaphthalene
Concen: 53.64 ng
RT: 8.81 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

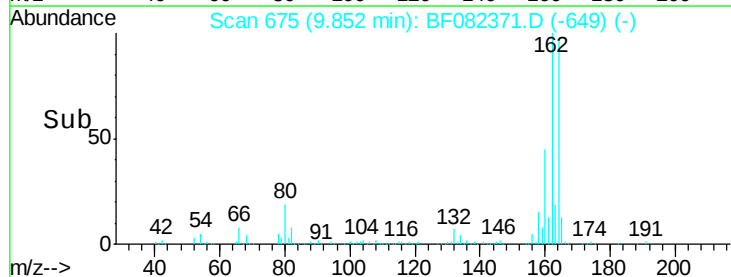
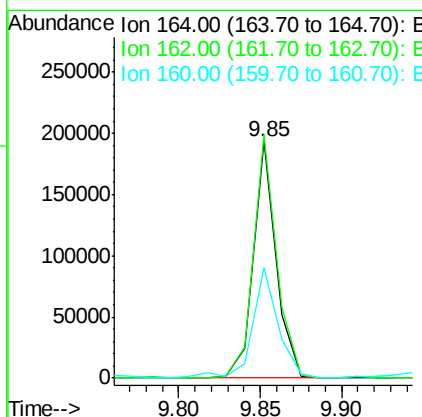
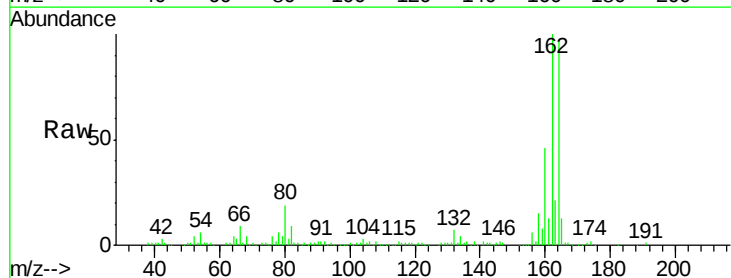
Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion:142 Resp: 587868
Ion Ratio Lower Upper
142 100
141 87.7 70.4 105.6
115 33.5 24.6 37.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion:164 Resp: 186875
Ion Ratio Lower Upper
164 100
162 102.8 81.6 122.4
160 46.9 36.4 54.6

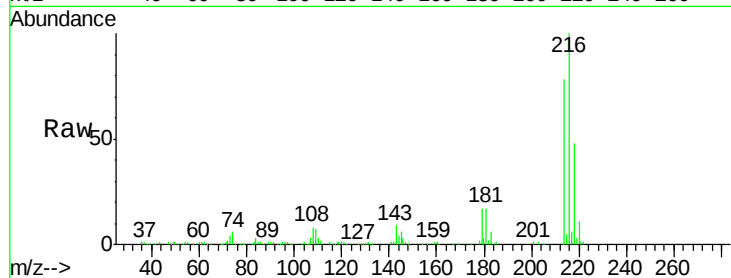




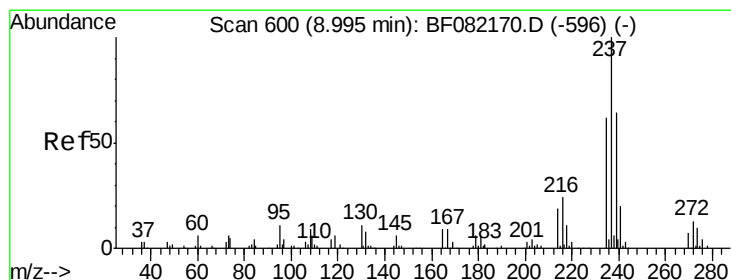
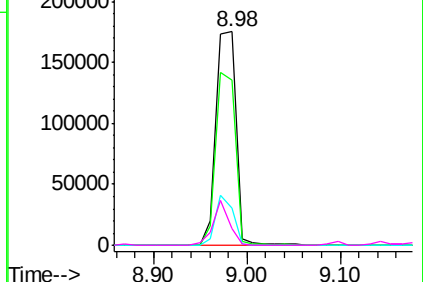
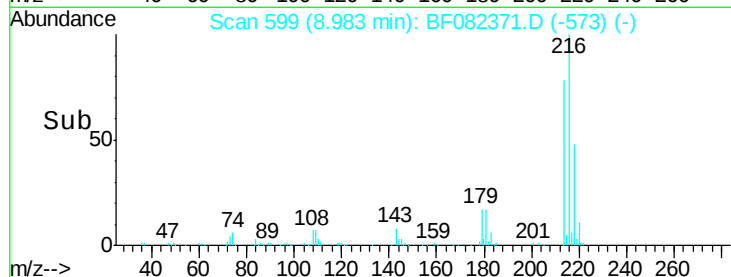
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.79 ng
 RT: 8.98 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Tot Ion:	216	Resp:	260099
Ion	Ratio	Lower	Upper
216	100		
214	79.5	64.6	97.0
179	20.3	17.6	26.4
108	17.1	14.5	21.7

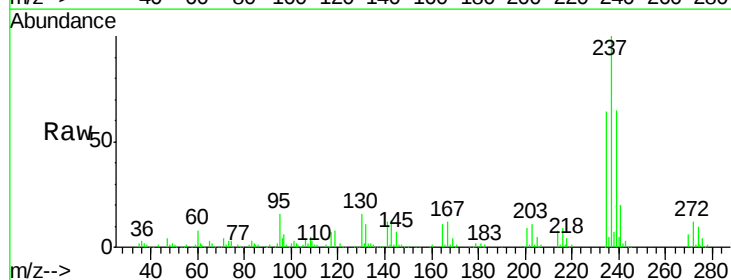


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

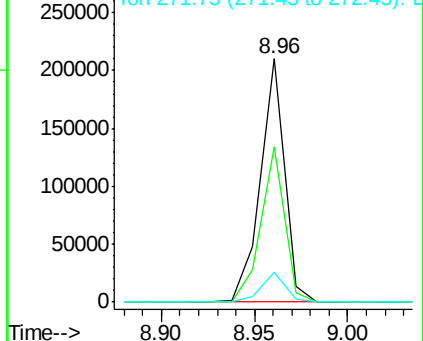
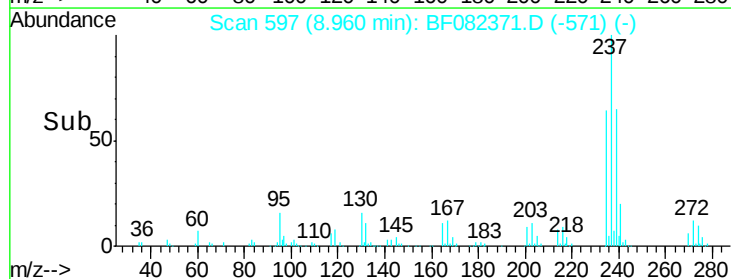


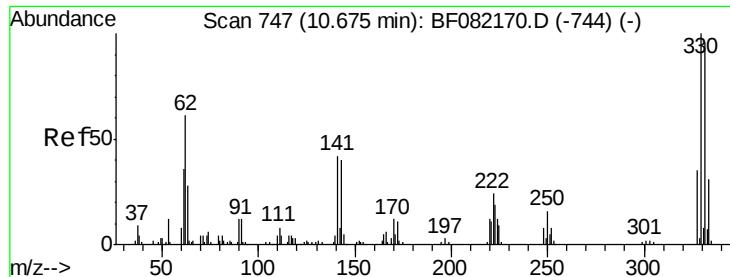
#40
 Hexachlorocyclopentadiene
 Concen: 67.83 ng
 RT: 8.96 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion:	237	Resp:	186815
Ion	Ratio	Lower	Upper
237	100		
235	63.8	41.7	81.7
272	12.2	0.0	32.8



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

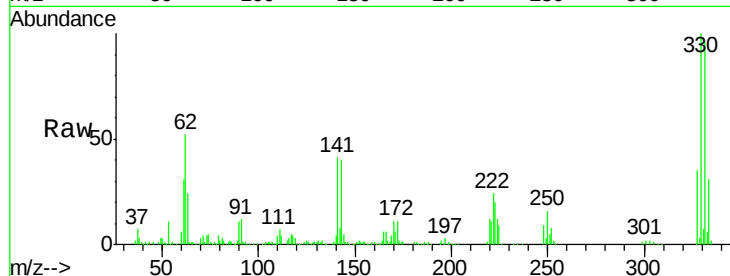




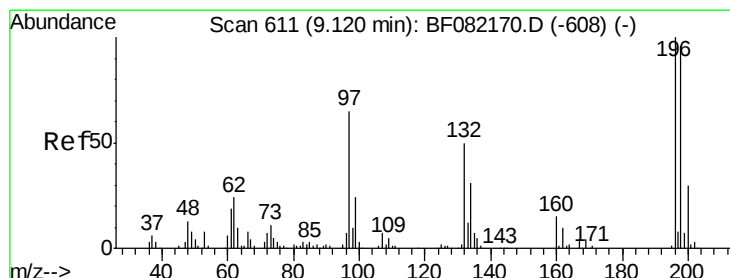
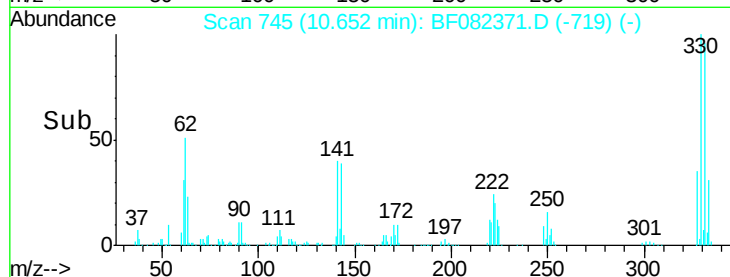
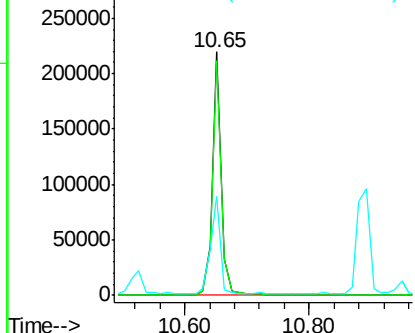
#41
 2,4,6-Tribromophenol
 Concen: 123.50 ng
 RT: 10.65 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Tot Ion:330 Resp: 216444
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 44.4 29.8 44.8

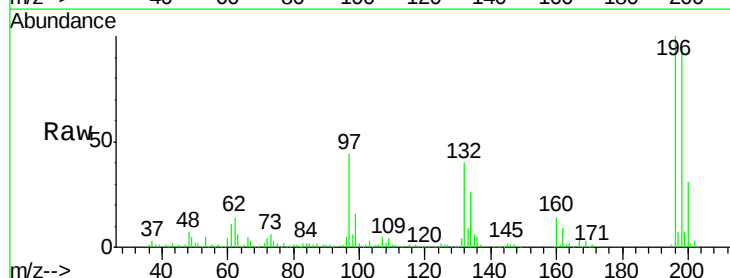


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

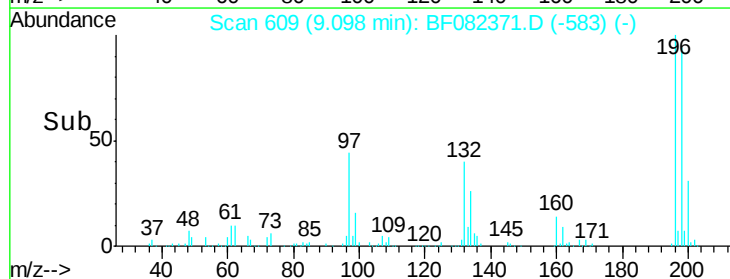
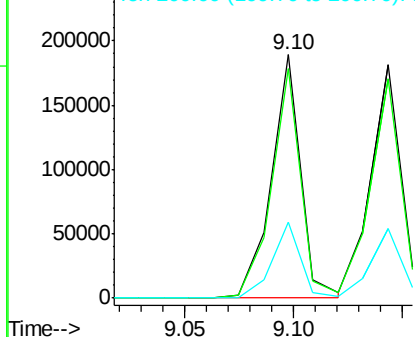


#42
 2,4,6-Trichlorophenol
 Concen: 48.56 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion:196 Resp: 179260
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.6 115.0
 200 31.0 23.7 35.5



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

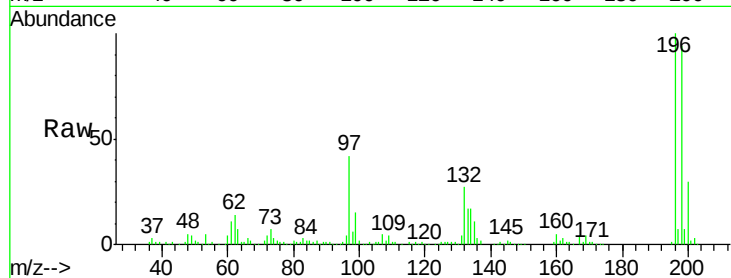




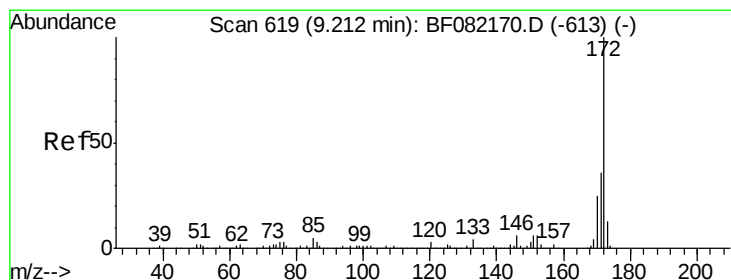
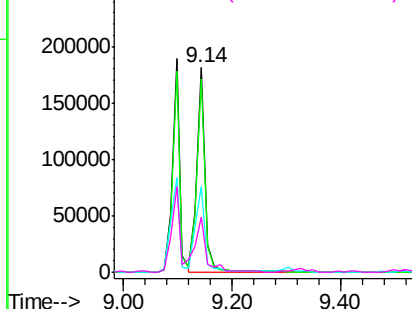
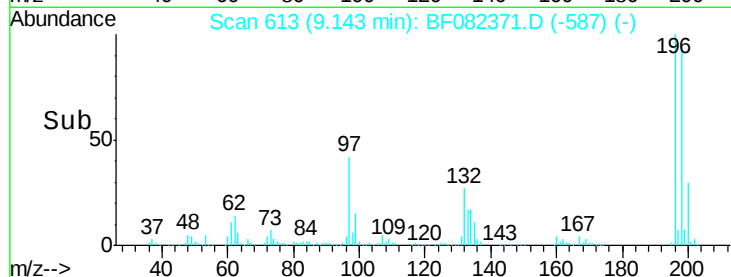
#43
 2,4,5-Trichlorophenol
 Concen: 47.41 ng
 RT: 9.14 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Tot Ion:196 Resp: 189588
 Ion Ratio Lower Upper
 196 100
 198 94.3 77.0 115.4
 97 42.0 31.9 47.9
 132 26.8 20.3 30.5

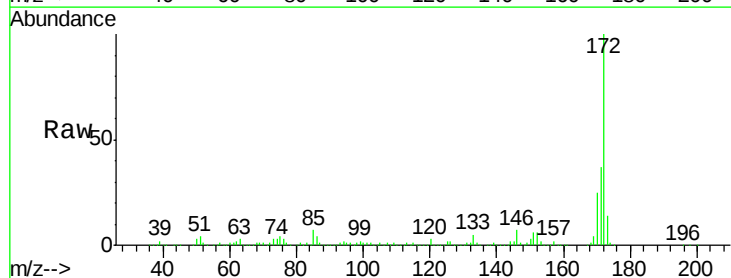


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

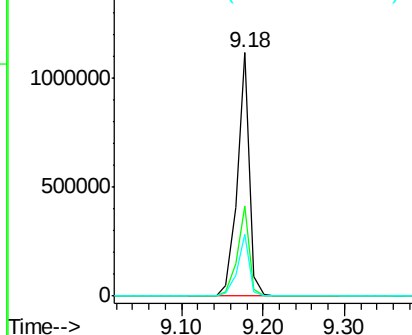
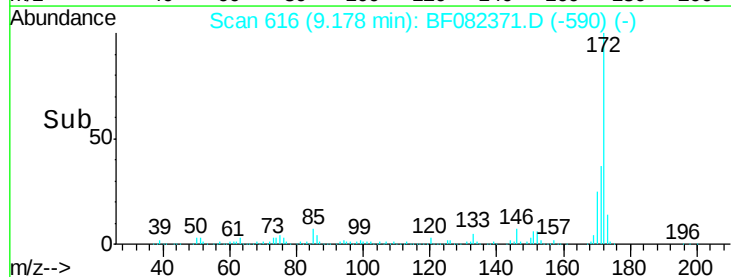


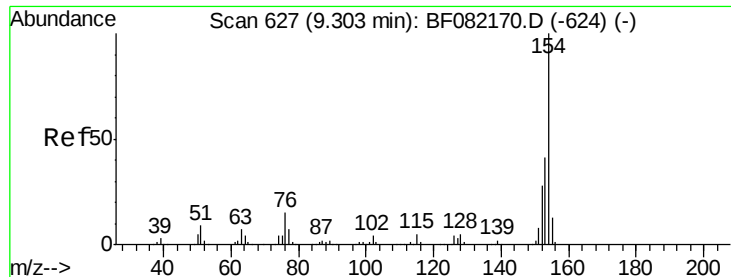
#44
 2-Fluorobiphenyl
 Concen: 103.01 ng
 RT: 9.18 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion:172 Resp: 1160735
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 42.8
 170 25.4 19.7 29.5



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

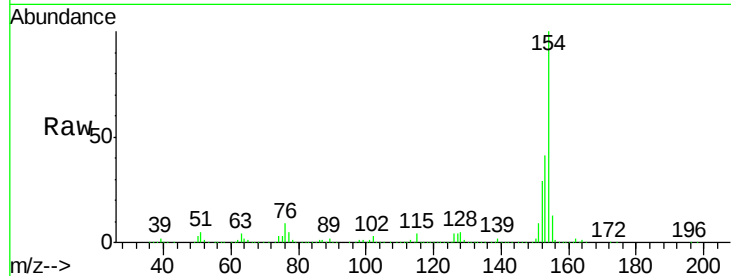




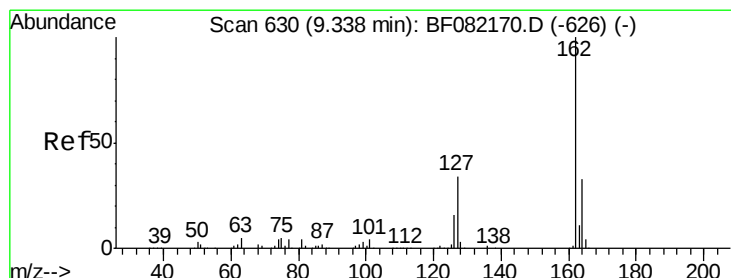
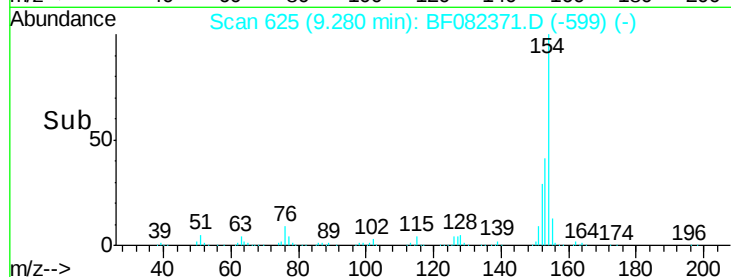
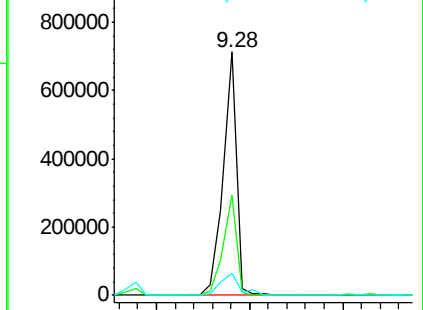
#45
 1,1'-Biphenyl
 Concen: 49.72 ng
 RT: 9.28 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.6	60.6
76	9.4	0.0	35.2

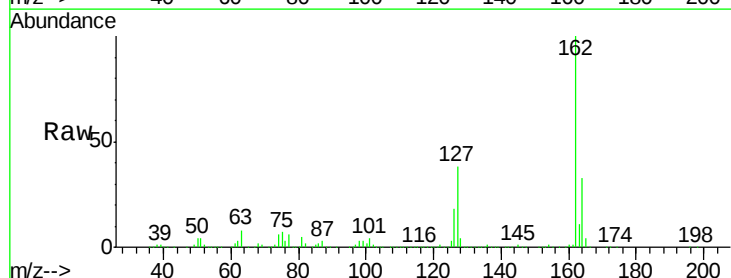


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

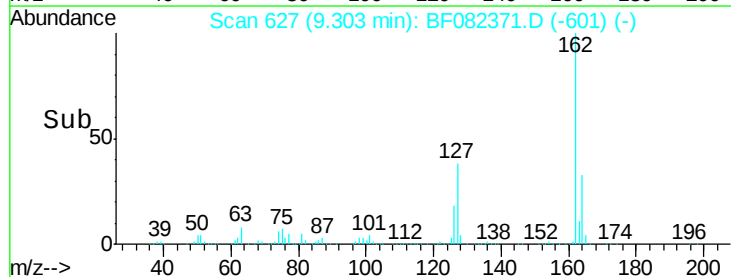
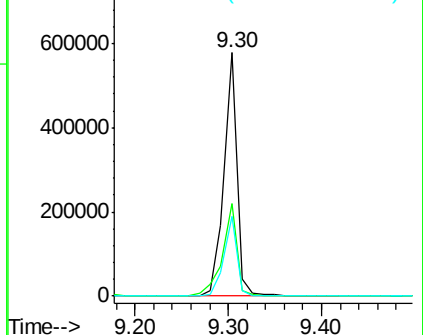


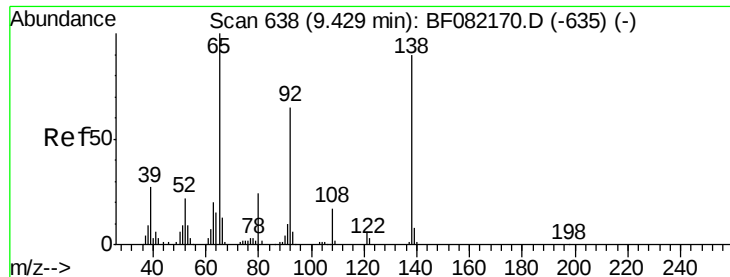
#46
 2-Chloronaphthalene
 Concen: 50.07 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	27.5	41.3
164	32.7	26.6	39.8



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

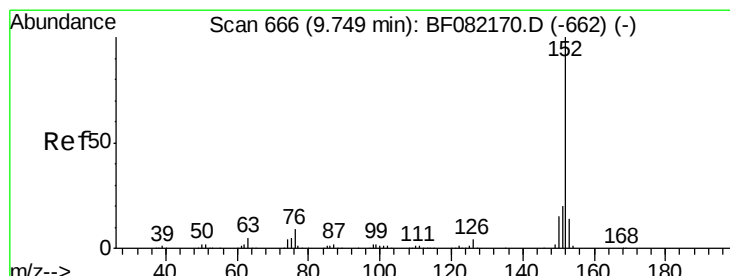
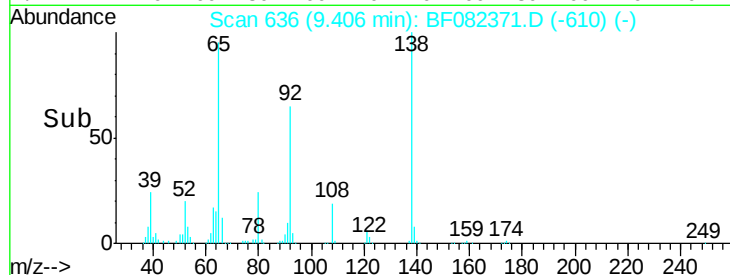
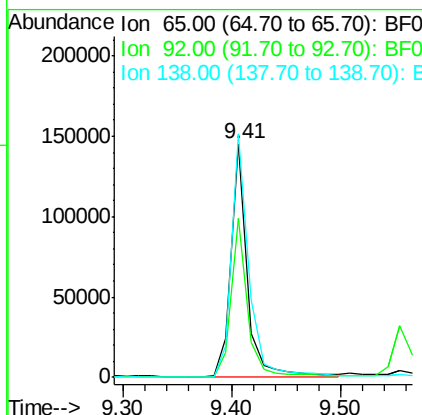
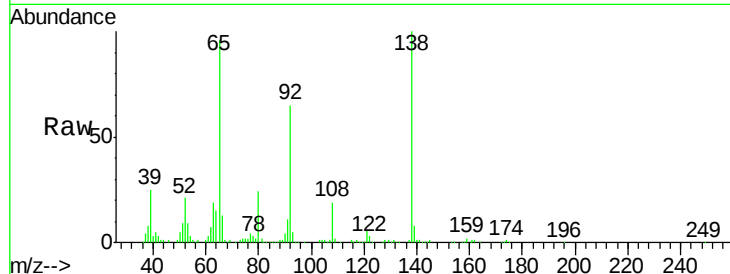




#47
2-Nitroaniline
Concen: 48.17 ng
RT: 9.41 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

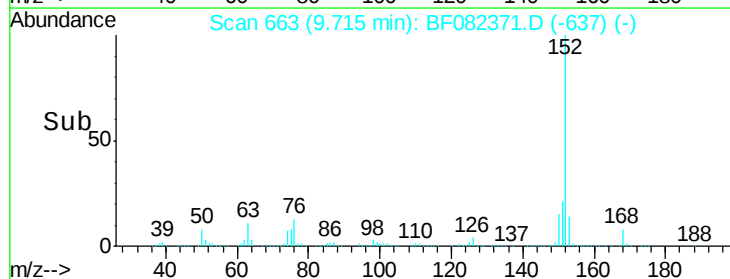
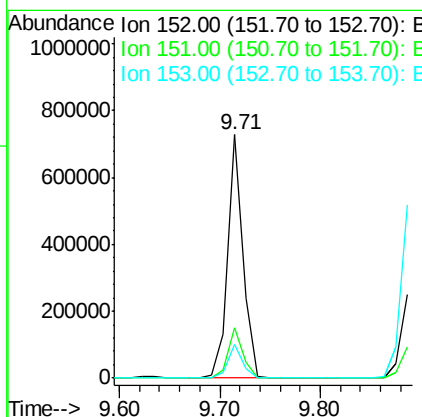
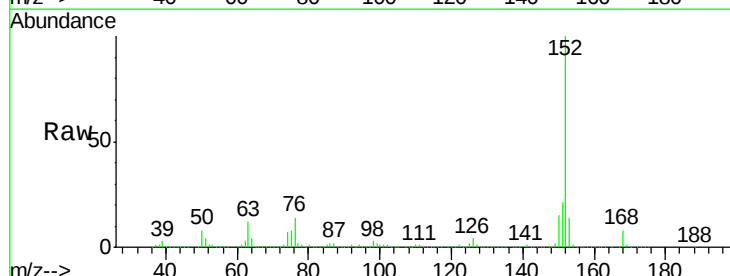
Instrument :
BNA_F
ClientSampleId :
PX3MSD

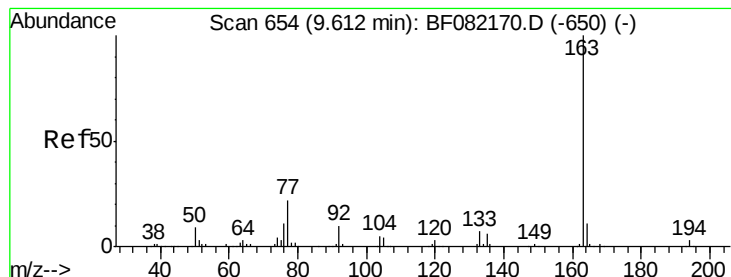
Tot Ion: 65 Resp: 148356
Ion Ratio Lower Upper
65 100
92 68.3 52.3 78.5
138 104.3 72.2 108.4



#48
Acenaphthylene
Concen: 43.88 ng
RT: 9.71 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion: 152 Resp: 766750
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.8 10.8 16.2





#49

Dimethylphthalate

Concen: 52.27 ng

RT: 9.59 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

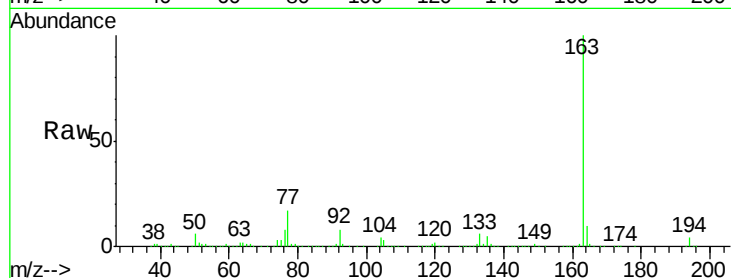
Tot Ion:163 Resp: 687805

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

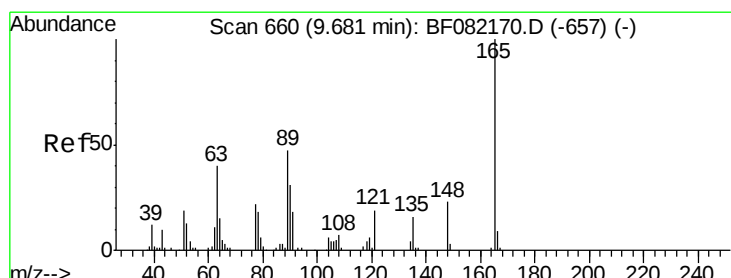
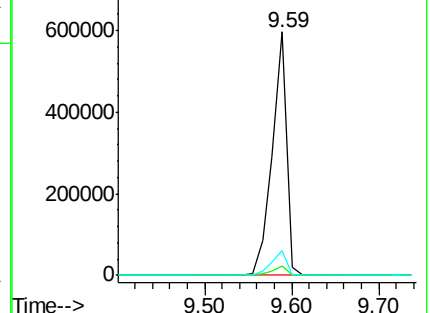
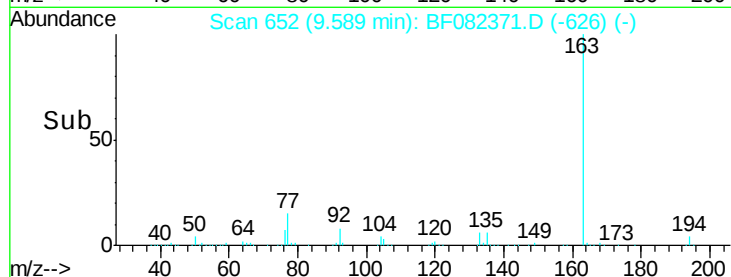
164 10.2 8.5 12.7



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: 48.73 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

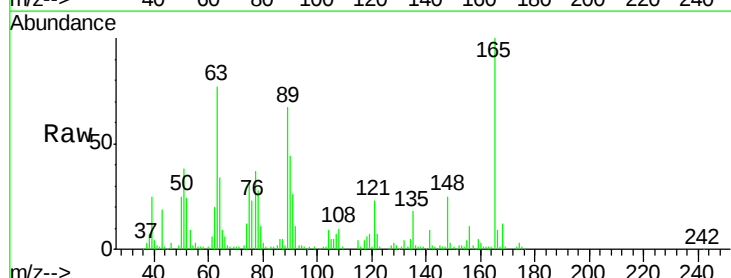
Tgt Ion:165 Resp: 135310

Ion Ratio Lower Upper

165 100

63 77.0 36.7 55.1#

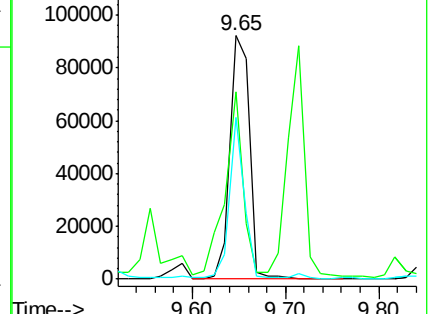
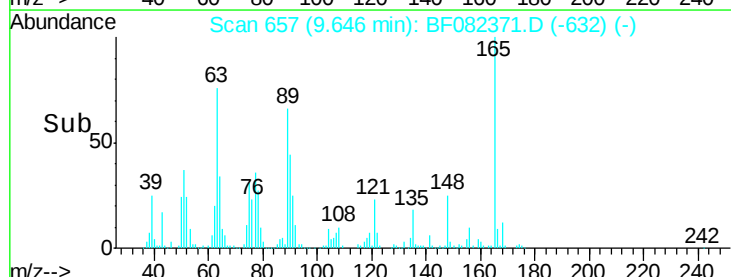
89 66.6 37.8 56.6#

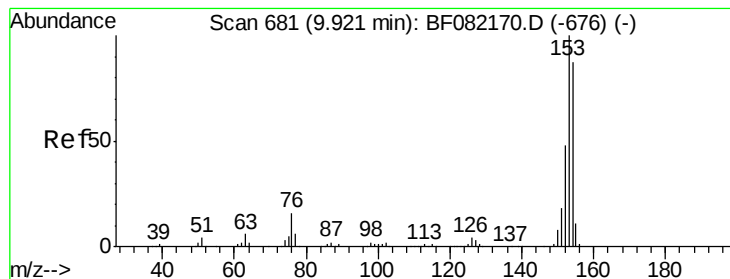


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.80 ng

RT: 9.89 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

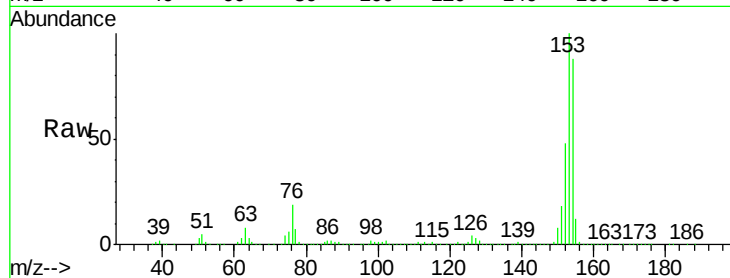
Tot Ion:154 Resp: 469994

Ion Ratio Lower Upper

154 100

153 114.2 91.4 137.2

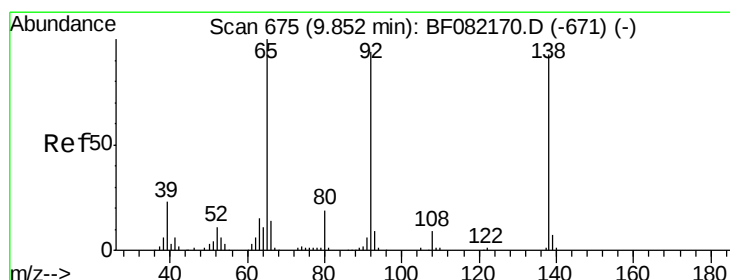
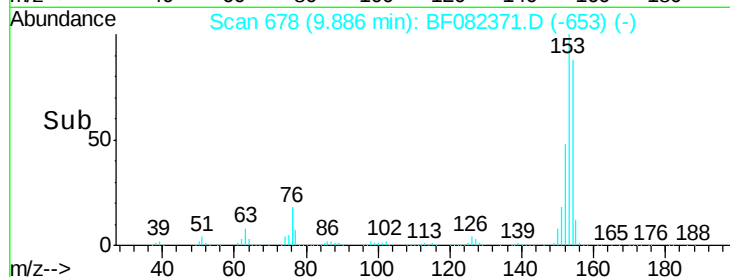
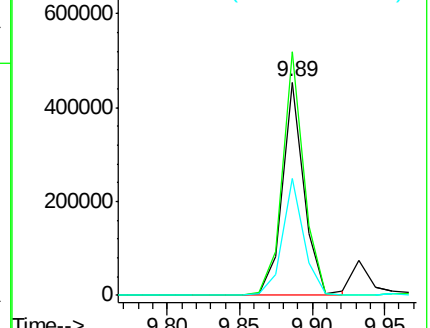
152 55.0 44.3 66.5



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: 15.82 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

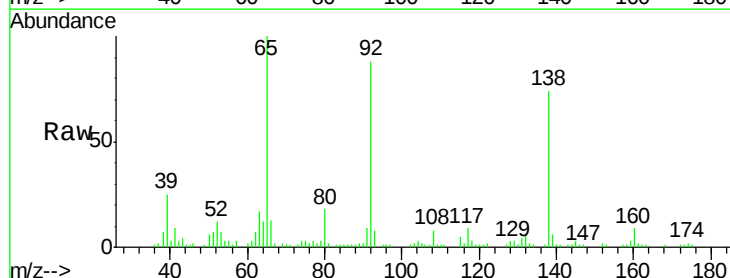
Tgt Ion:138 Resp: 49625

Ion Ratio Lower Upper

138 100

108 10.6 7.4 11.0

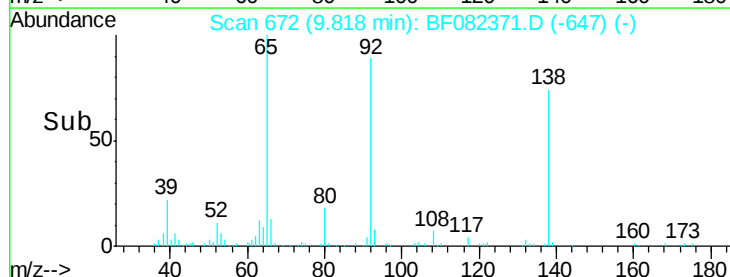
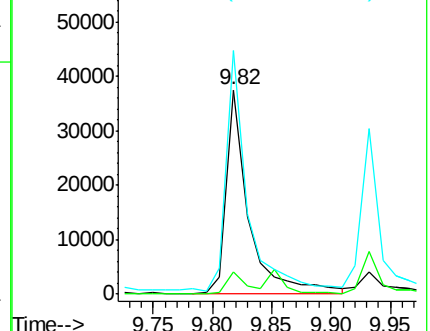
92 119.3 81.3 121.9



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

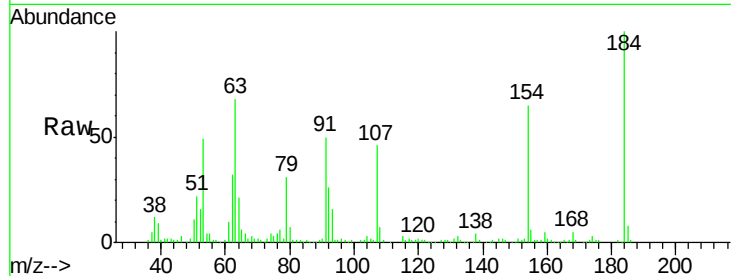




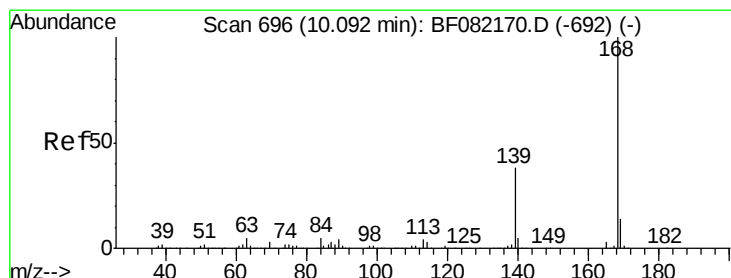
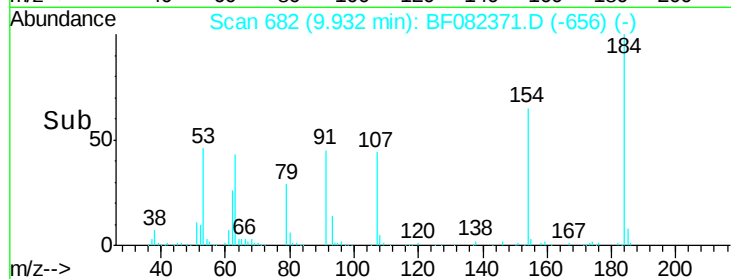
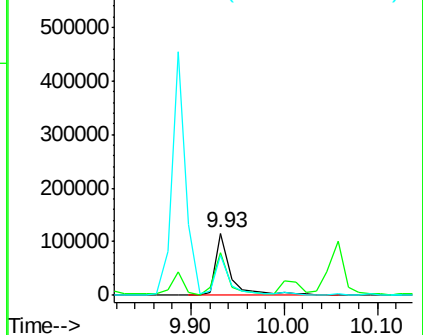
#53
2,4-Dinitrophenol
Concen: 85.71 ng
RT: 9.93 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion:184 Resp: 133752
Ion Ratio Lower Upper
184 100
63 67.6 45.1 67.7
154 65.3 51.2 76.8

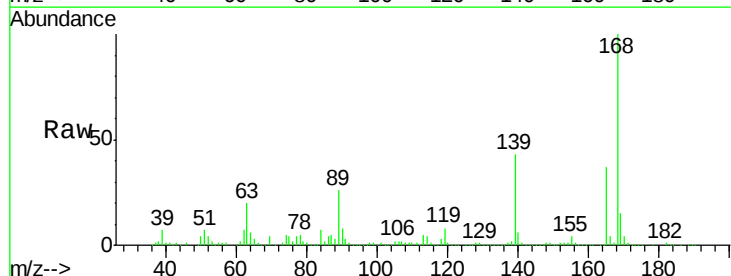


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

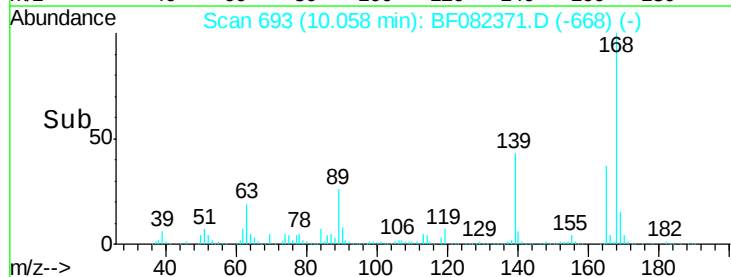
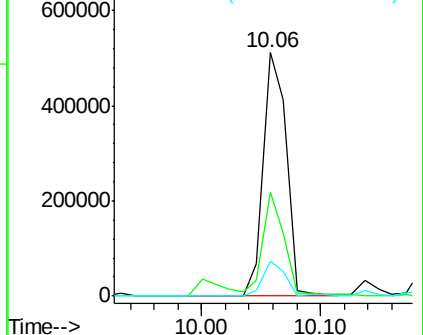


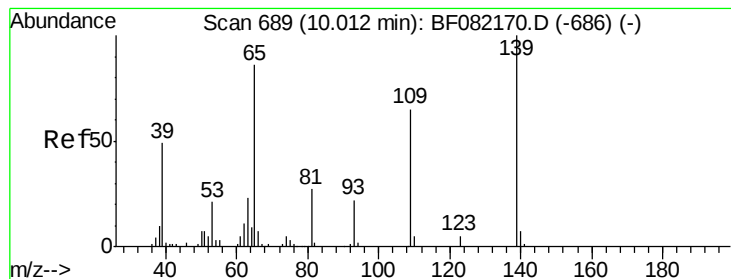
#54
Dibenzofuran
Concen: 48.53 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion:168 Resp: 698941
Ion Ratio Lower Upper
168 100
139 43.0 31.0 46.6
169 14.6 10.9 16.3



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: 33.46 ng

RT: 10.00 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

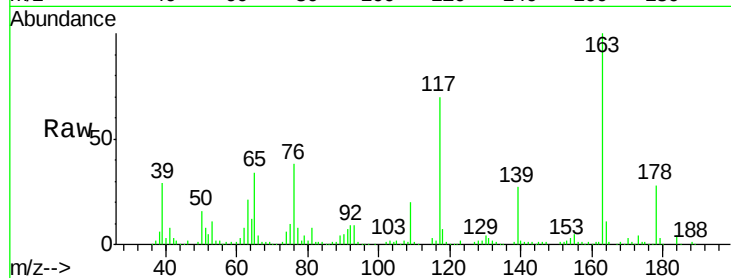
Tot Ion:139 Resp: 56111

Ion Ratio Lower Upper

139 100

109 73.0 44.8 84.8

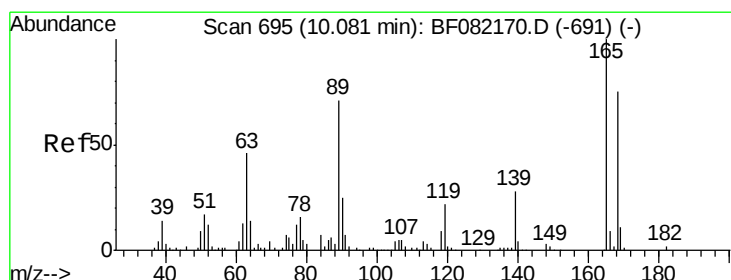
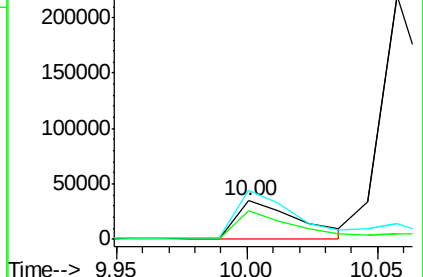
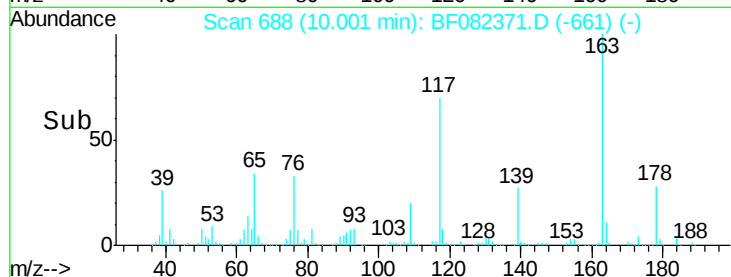
65 127.4 67.7 107.7#



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: 57.31 ng

RT: 10.06 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:165 Resp: 198877

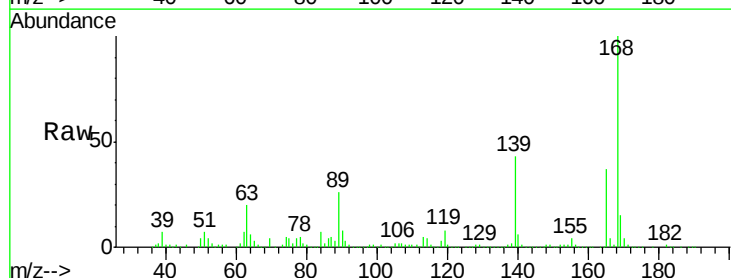
Ion Ratio Lower Upper

165 100

63 52.6 38.6 58.0

89 69.5 57.0 85.6

182 2.3 1.8 2.6

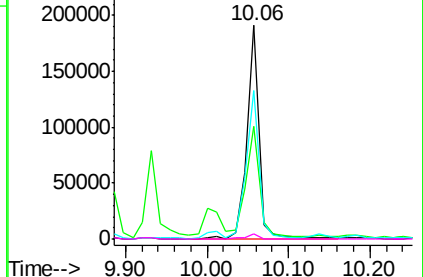
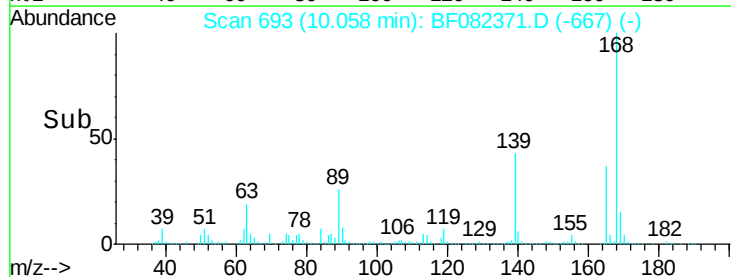


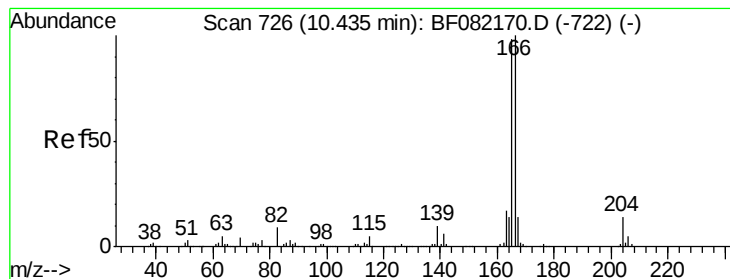
Abundance Ion 165.00 (164.70 to 165.70): E

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: 48.63 ng

RT: 10.40 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

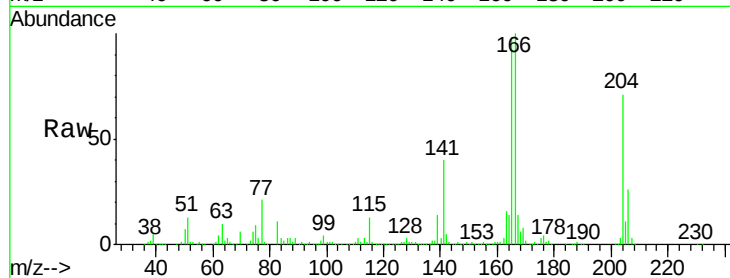
Tot Ion:166 Resp: 575250

Ion Ratio Lower Upper

166 100

165 98.1 78.3 117.5

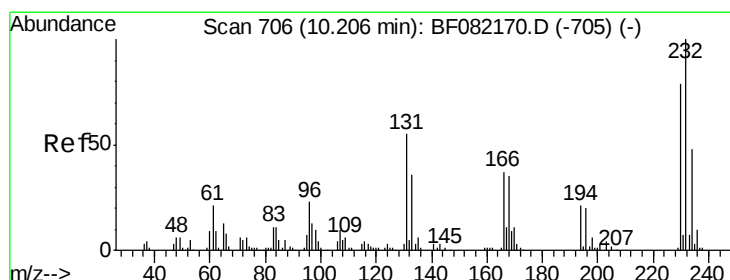
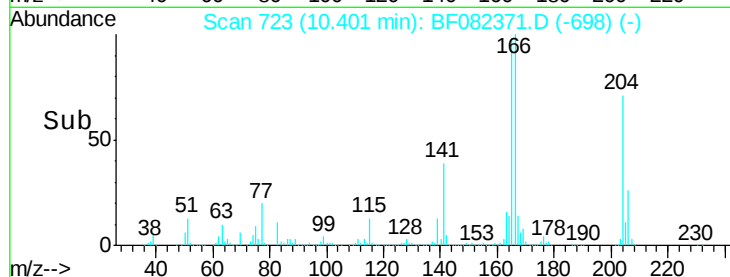
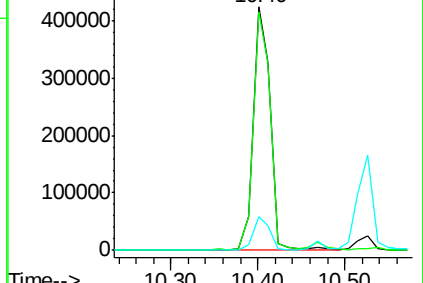
167 13.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.36 ng

RT: 10.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:232 Resp: 151495

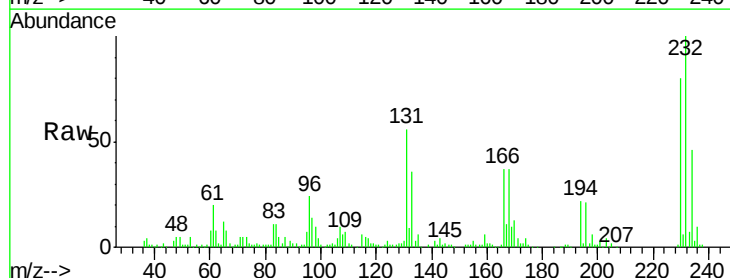
Ion Ratio Lower Upper

232 100

131 41.4 36.6 54.8

130 2.7 1.5 2.3#

166 30.2 24.6 37.0

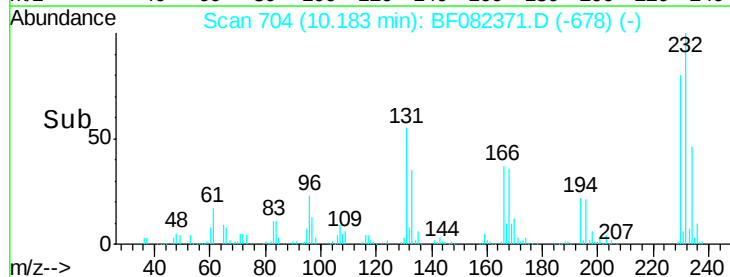
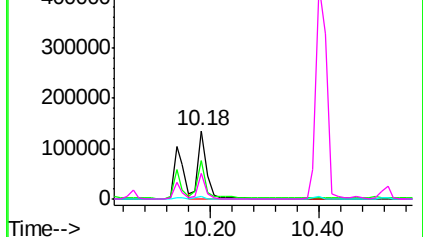


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 54.50 ng

RT: 10.29 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

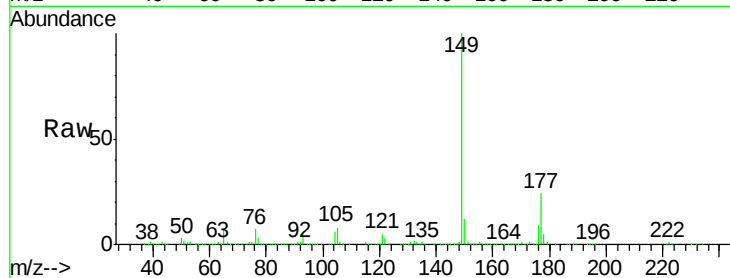
Tot Ion:149 Resp: 668461

Ion Ratio Lower Upper

149 100

177 23.7 17.6 26.4

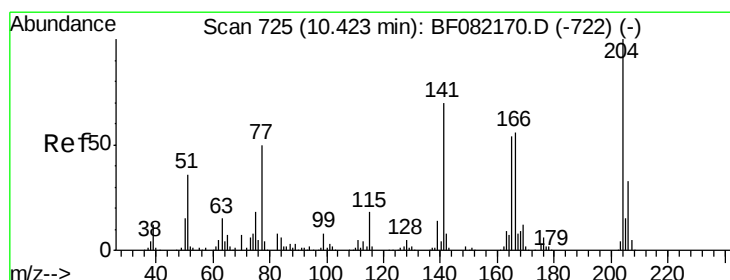
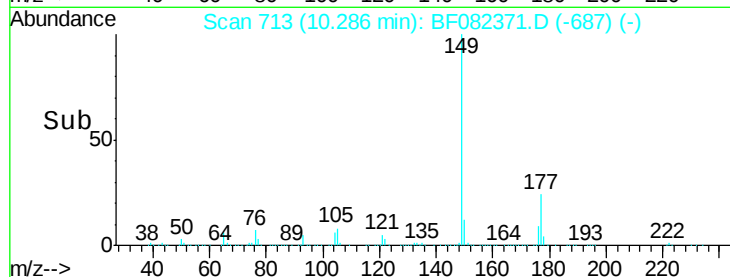
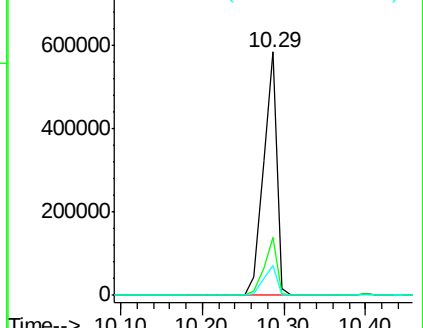
150 12.4 10.3 15.5



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: 54.38 ng

RT: 10.40 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

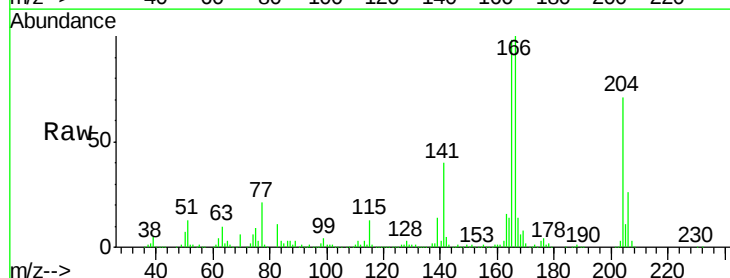
Tgt Ion:204 Resp: 294670

Ion Ratio Lower Upper

204 100

206 36.0 26.8 40.2

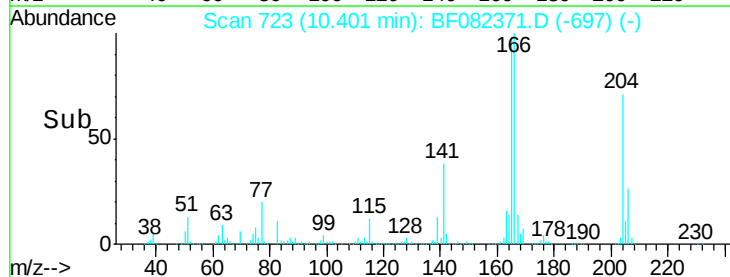
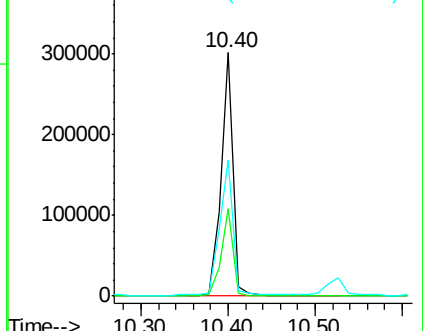
141 55.7 56.1 84.1#

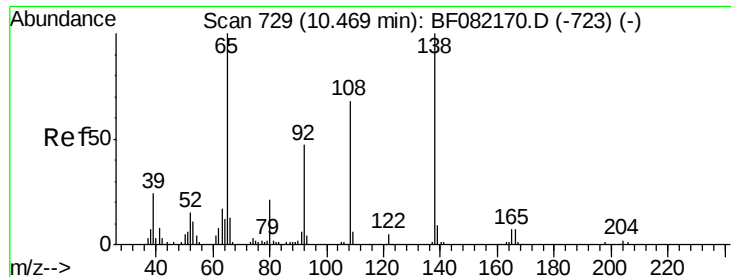


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

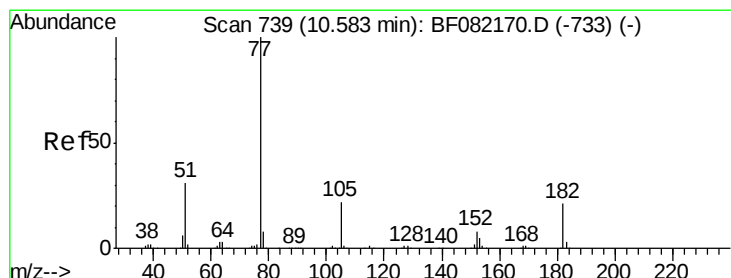
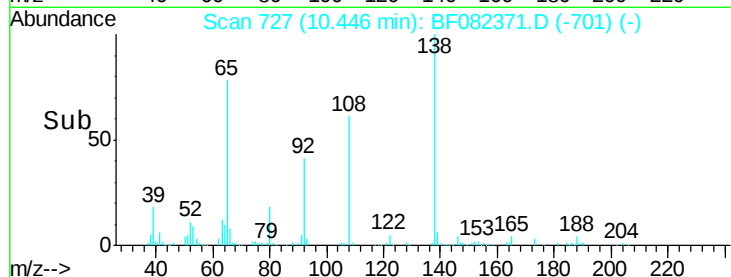
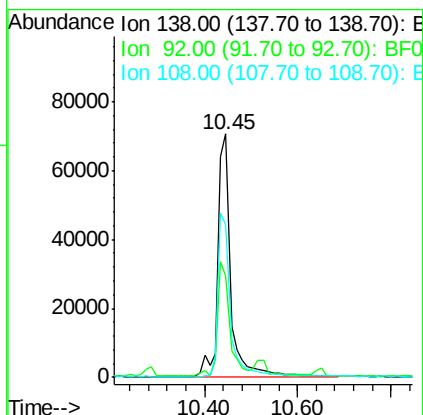
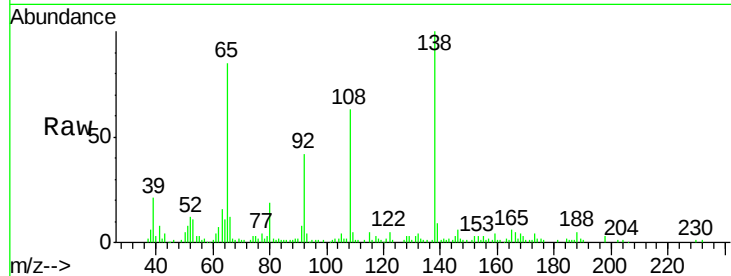




#61
4-Nitroaniline
Concen: 45.29 ng
RT: 10.45 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

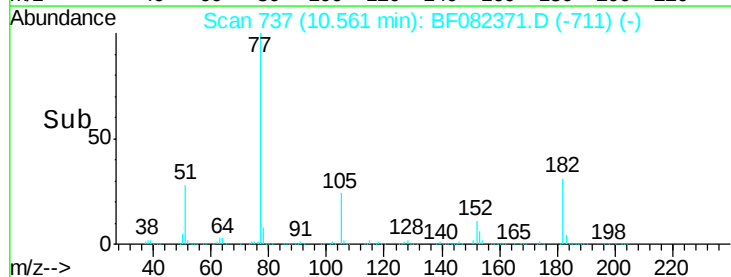
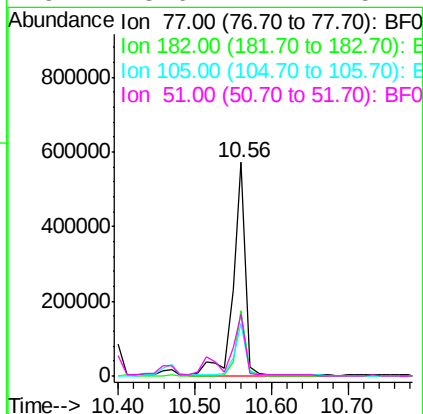
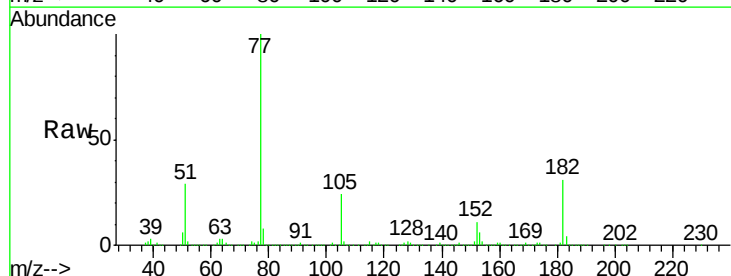
Instrument :
BNA_F
ClientSampled :
PX3MSD

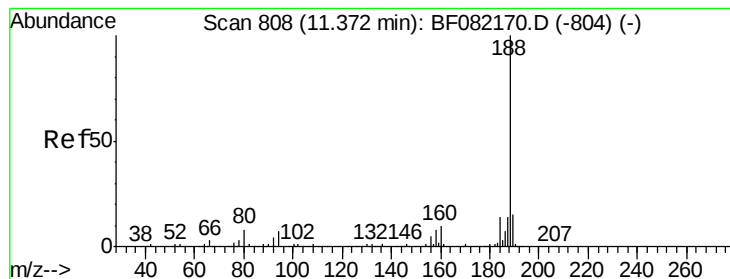
Tot Ion:138 Resp: 137783
Ion Ratio Lower Upper
138 100
92 41.7 26.8 66.8
108 62.8 48.4 88.4



#62
Azobenzene
Concen: 53.68 ng
RT: 10.56 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion: 77 Resp: 644404
Ion Ratio Lower Upper
77 100
182 30.6 0.5 40.5
105 24.3 1.8 41.8
51 28.6 11.2 51.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

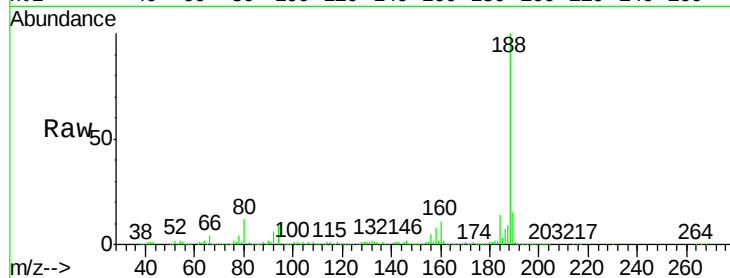
Tot Ion:188 Resp: 353370

Ion Ratio Lower Upper

188 100

94 10.5 5.8 8.6#

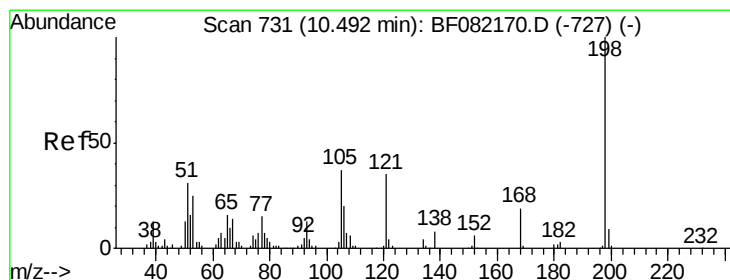
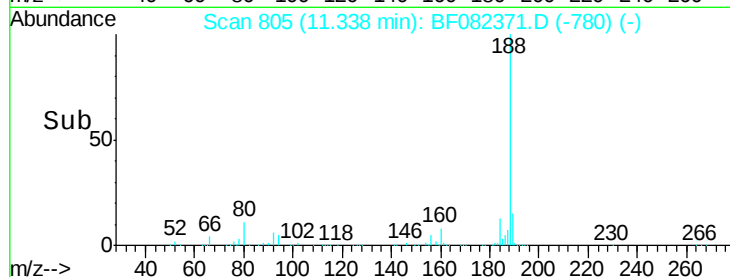
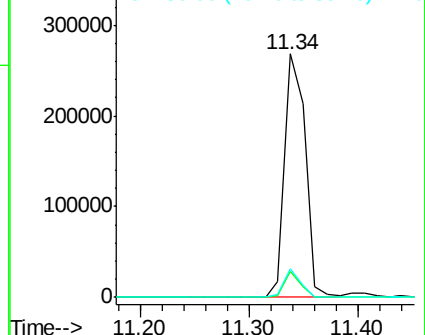
80 11.7 6.4 9.6#



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: 50.92 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

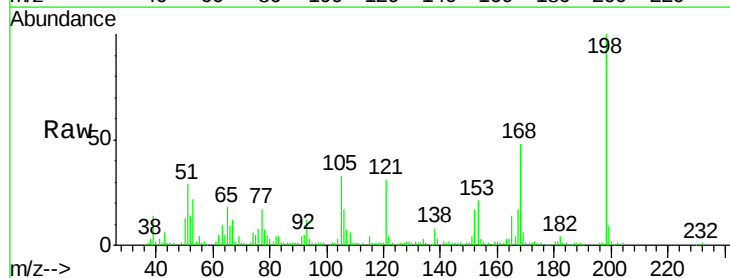
Tgt Ion:198 Resp: 100986

Ion Ratio Lower Upper

198 100

51 29.4 13.6 53.6

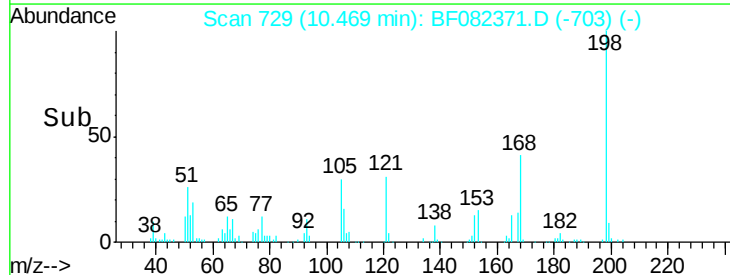
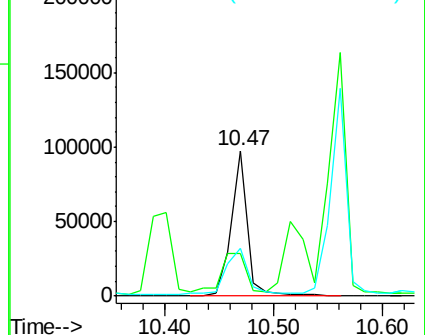
105 33.1 17.1 57.1

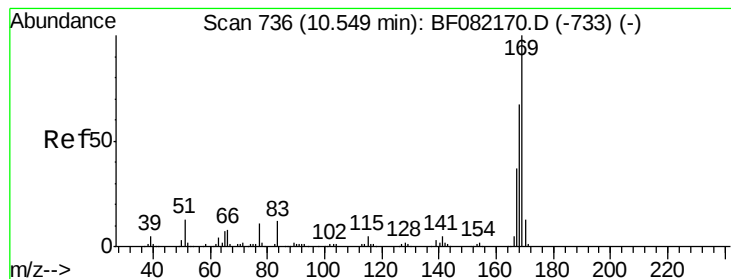


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

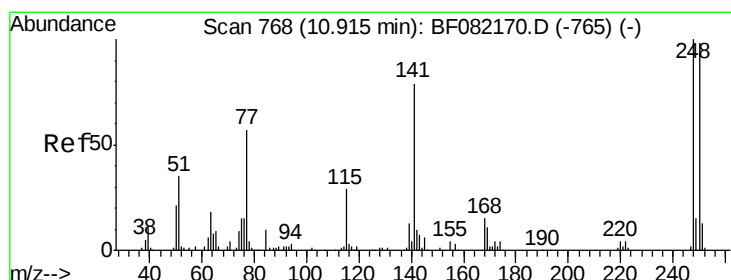
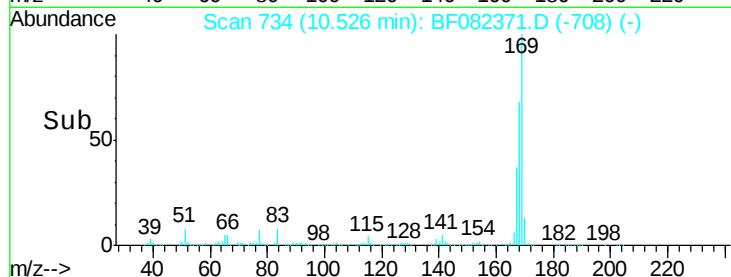
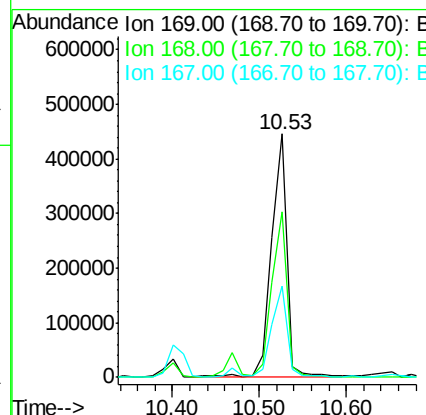
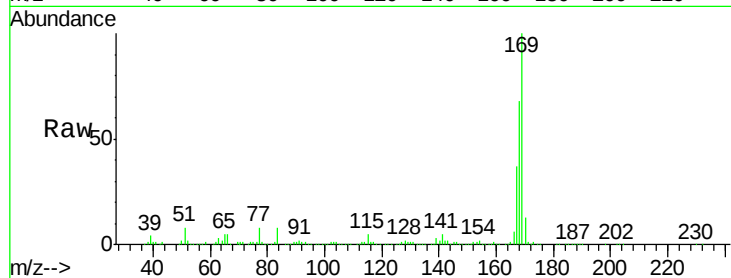




#65
 n-Nitrosodiphenylamine
 Concen: 51.37 ng
 RT: 10.53 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

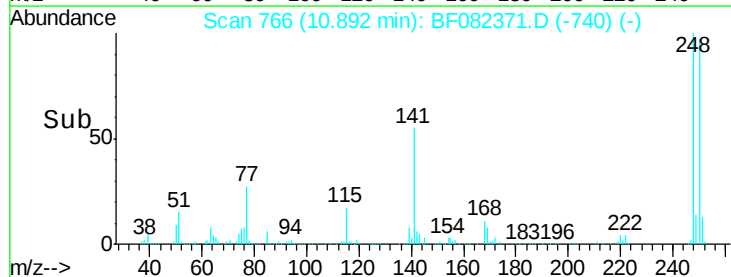
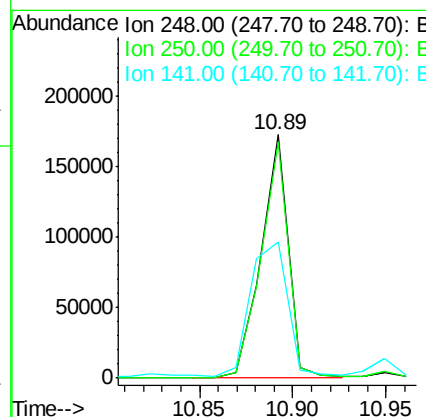
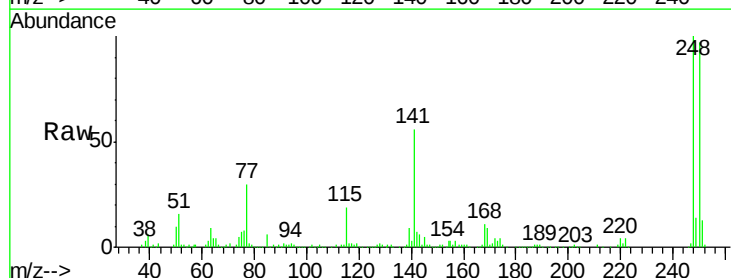
Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

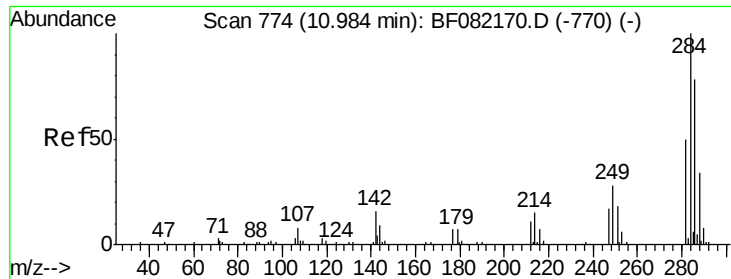
Tot Ion:169 Resp: 543484
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.0 81.0
 167 37.3 29.6 44.4



#66
 4-Bromophenyl-phenylether
 Concen: 49.07 ng
 RT: 10.89 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion:248 Resp: 173545
 Ion Ratio Lower Upper
 248 100
 250 97.1 78.6 117.8
 141 56.0 63.3 94.9#

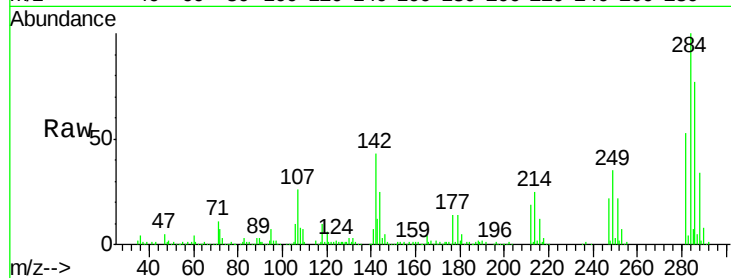




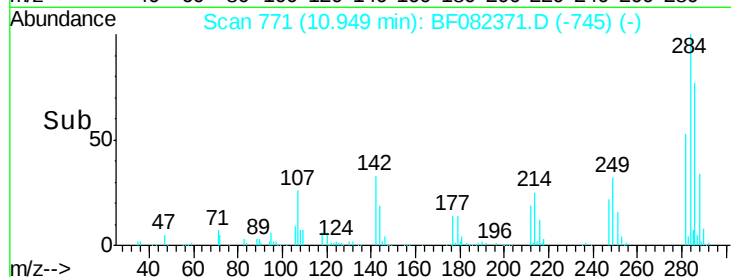
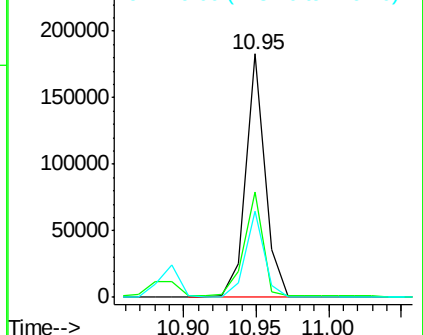
#67
Hexachlorobenzene
Concen: 44.12 ng
RT: 10.95 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion:284 Resp: 168737
Ion Ratio Lower Upper
284 100
142 43.3 13.0 19.6#
249 35.5 22.5 33.7#

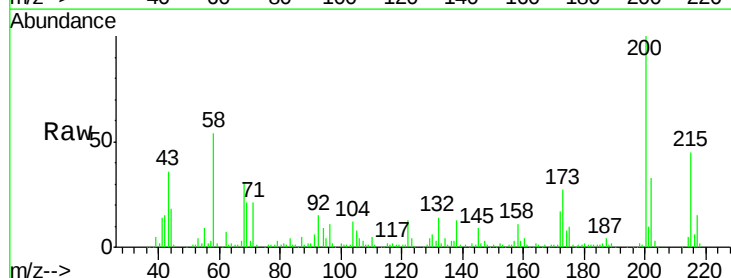


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

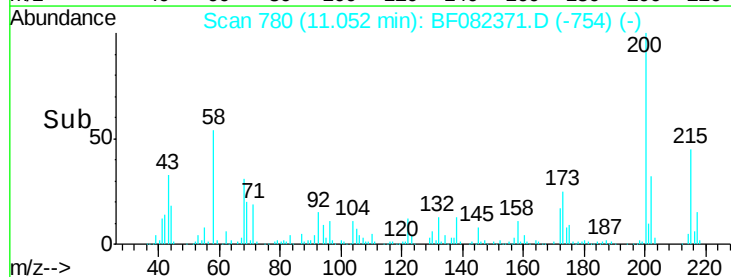
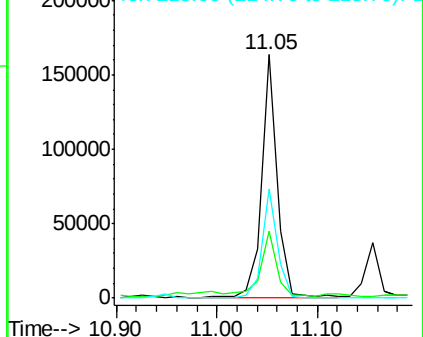


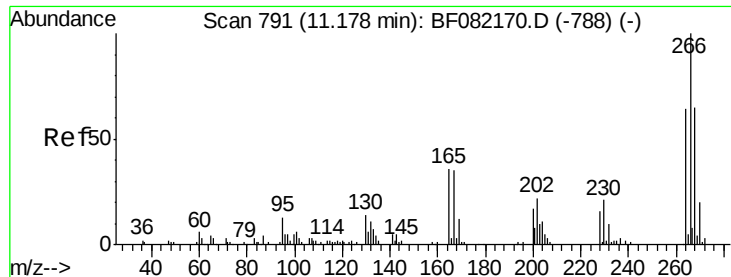
#68
Atrazine
Concen: 51.91 ng
RT: 11.05 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion:200 Resp: 173990
Ion Ratio Lower Upper
200 100
173 27.3 7.3 47.3
215 45.0 26.2 66.2



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

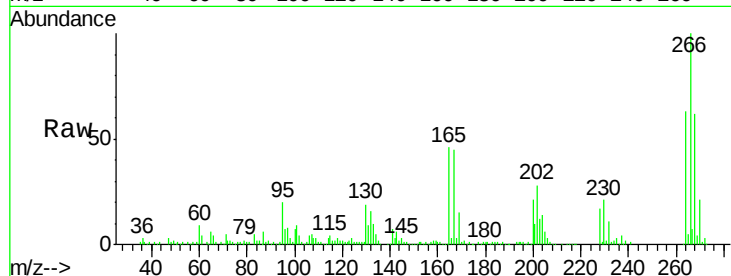




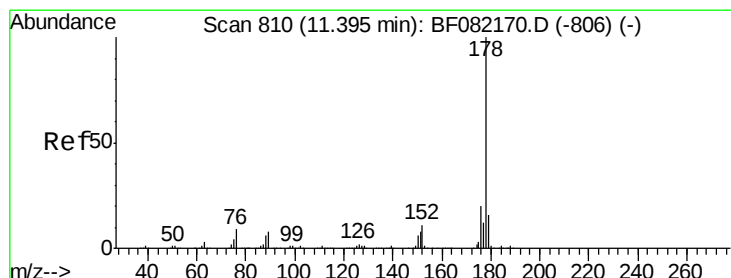
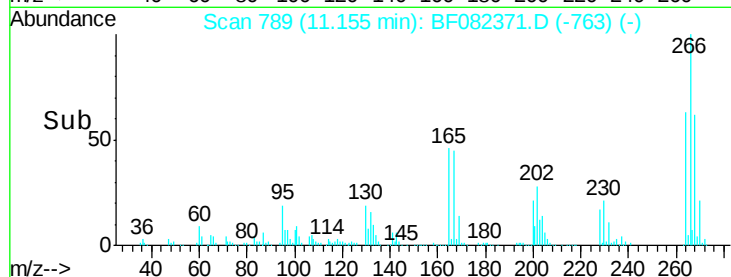
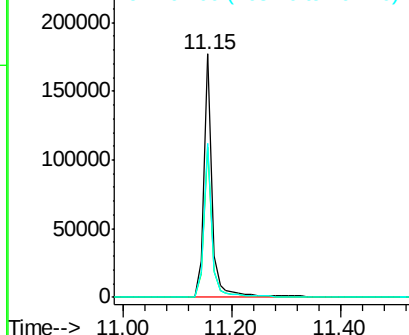
#69
 Pentachlorophenol
 Concen: 93.74 ng
 RT: 11.15 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Tot Ion:266 Resp: 184497
 Ion Ratio Lower Upper
 266 100
 268 61.9 52.0 78.0
 264 63.1 51.4 77.0

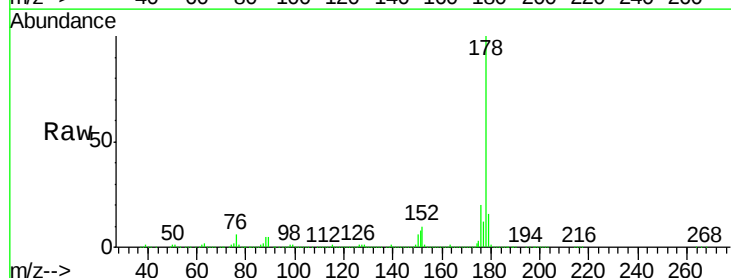


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

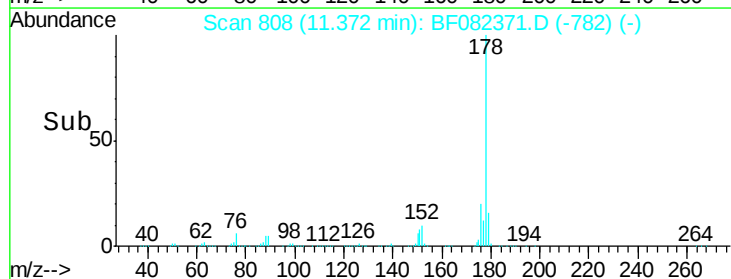
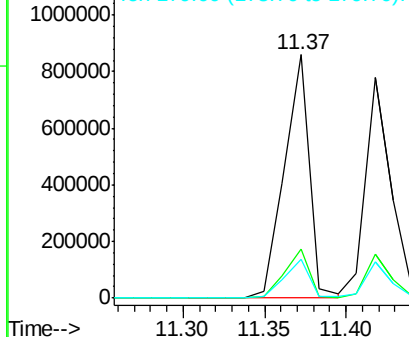


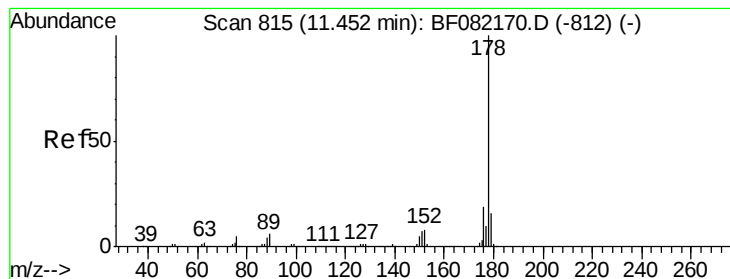
#70
 Phenanthrene
 Concen: 53.12 ng
 RT: 11.37 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion:178 Resp: 920078
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.7 12.6 19.0



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: 49.19 ng

RT: 11.42 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

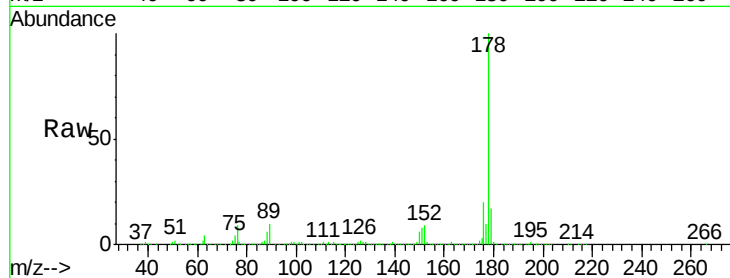
Tot Ion:178 Resp: 877977

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

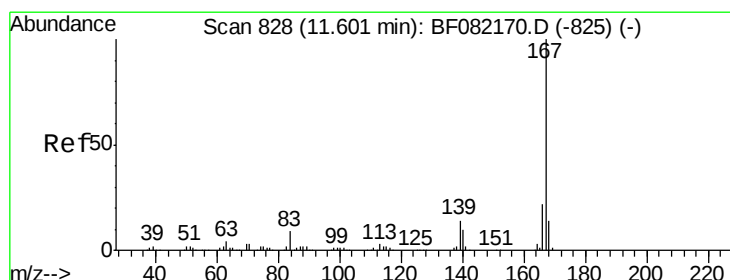
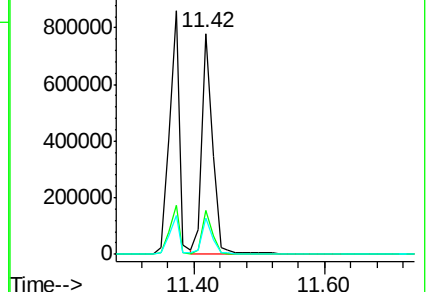
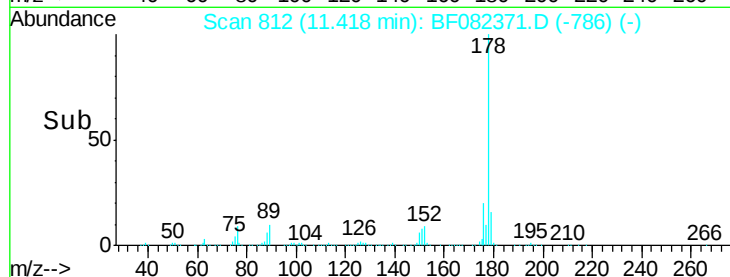
179 16.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 47.97 ng

RT: 11.58 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

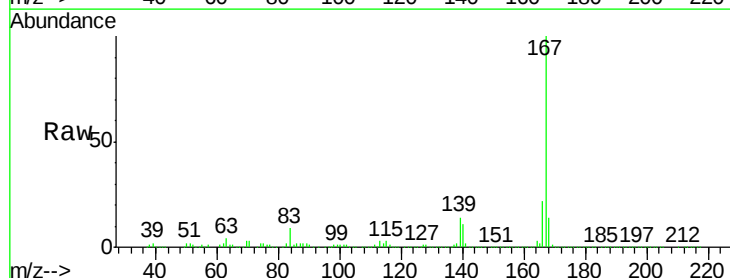
Tgt Ion:167 Resp: 781019

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

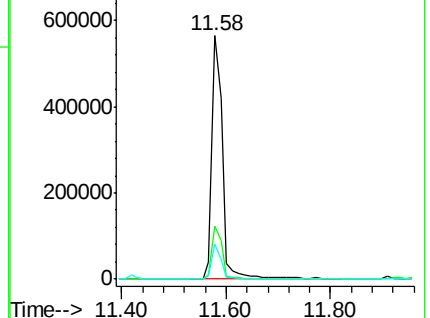
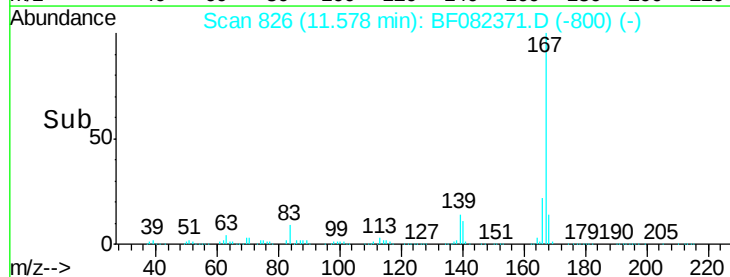
139 14.2 11.2 16.8

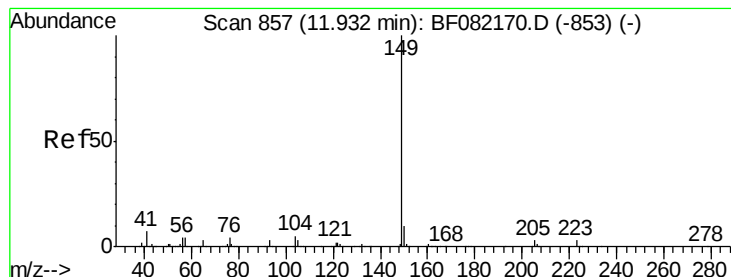


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.56 ng

RT: 11.91 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

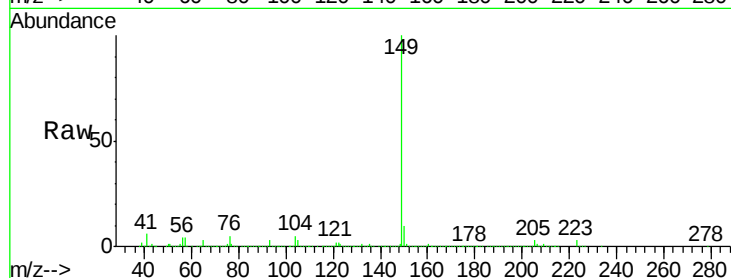
BNA_F

ClientSampleId :

PX3MSD

Tot Ion:149 Resp: 1015601

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	4.9	3.8	5.8

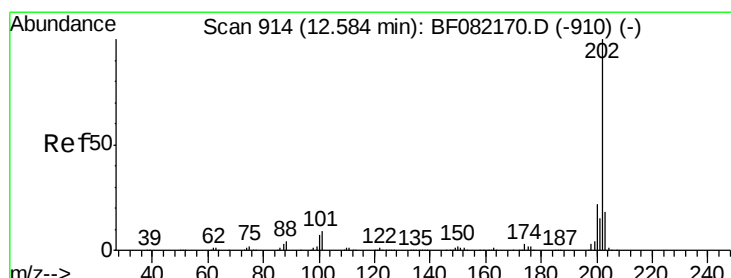
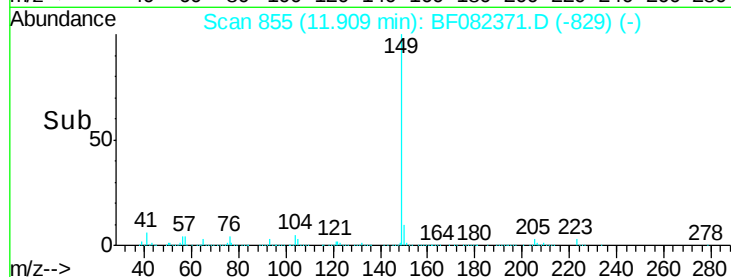
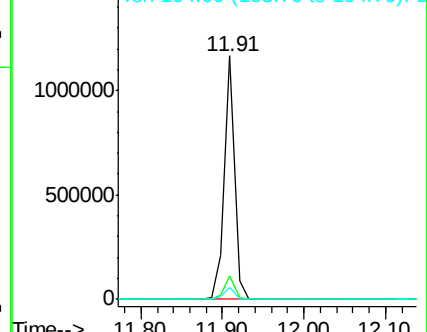


Abundance

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: 48.59 ng

RT: 12.56 min Scan# 912

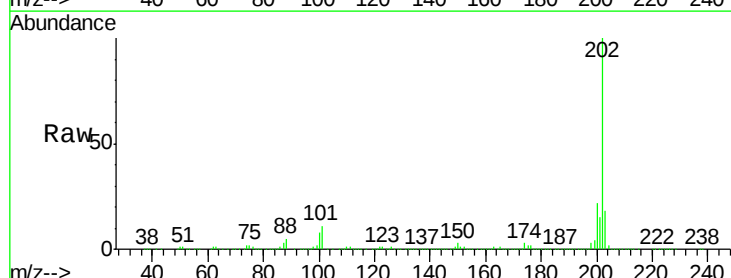
Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:202 Resp: 903927

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	29.3
203	18.4	0.0	37.8

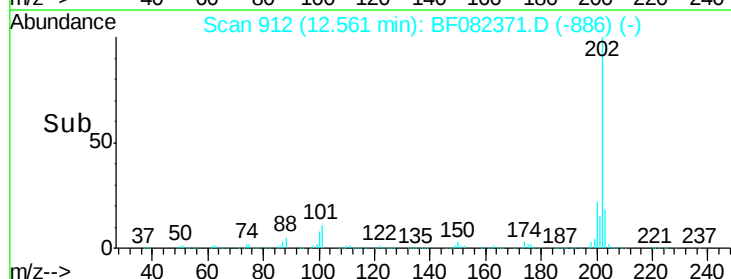
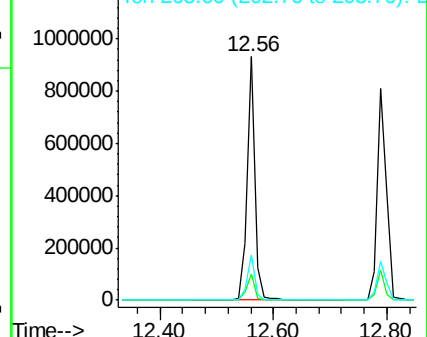


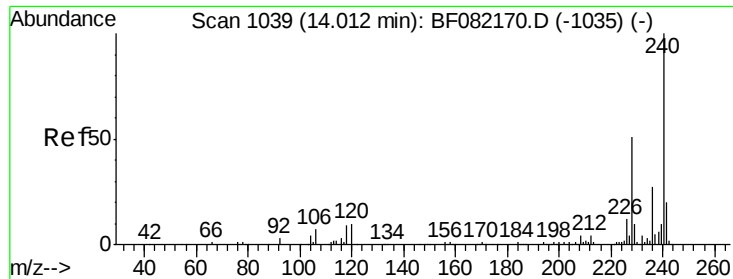
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

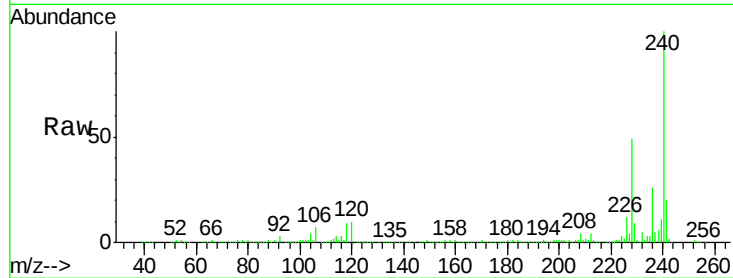
Tot Ion:240 Resp: 323005

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

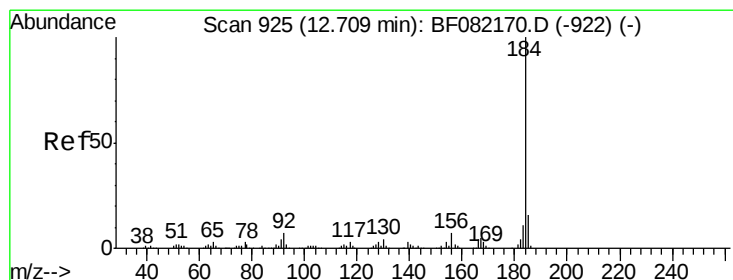
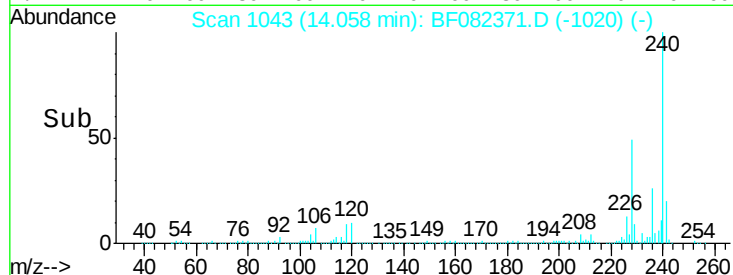
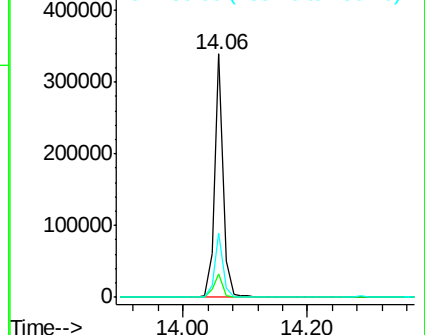
236 26.4 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.92 ng

RT: 12.70 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

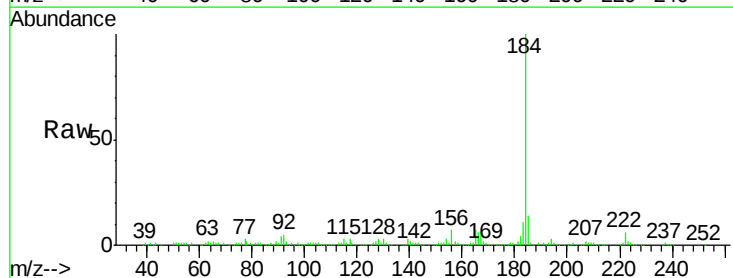
Tgt Ion:184 Resp: 252019

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

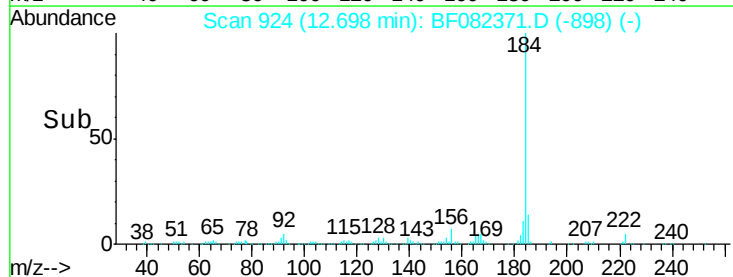
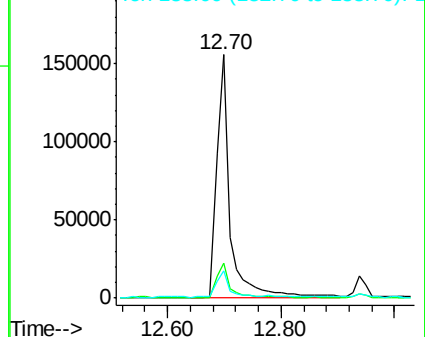
183 11.3 9.1 13.7

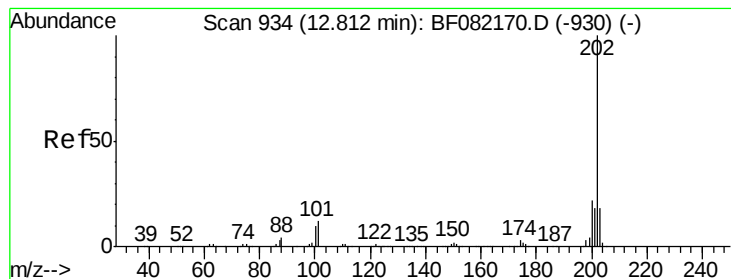


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.09 ng

RT: 12.79 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

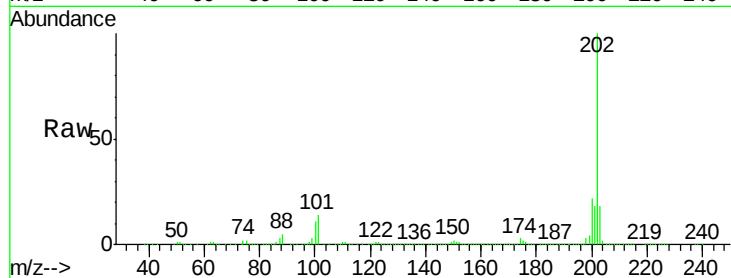
Tot Ion:202 Resp: 921847

Ion Ratio Lower Upper

202 100

200 21.6 17.9 26.9

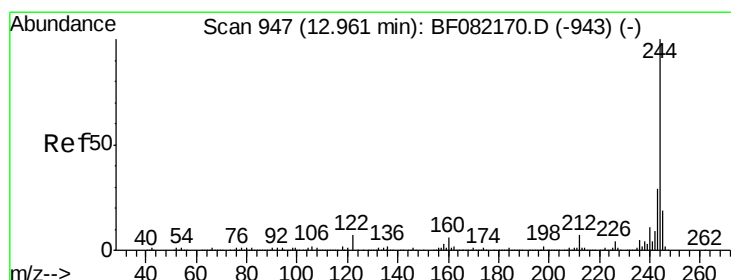
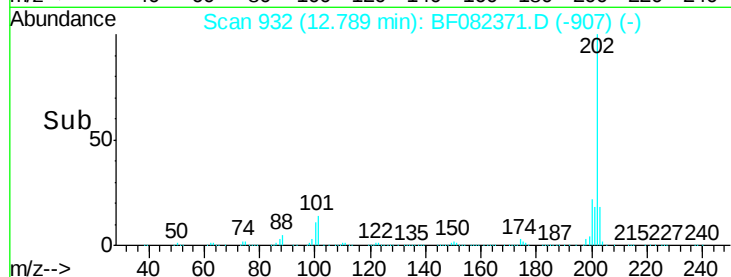
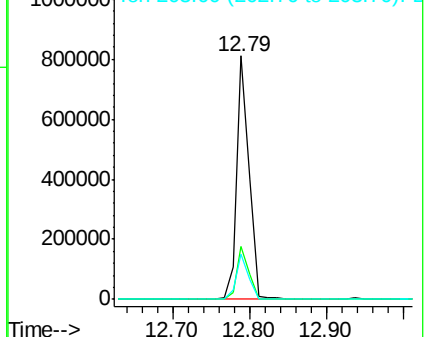
203 18.3 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 97.98 ng

RT: 12.94 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

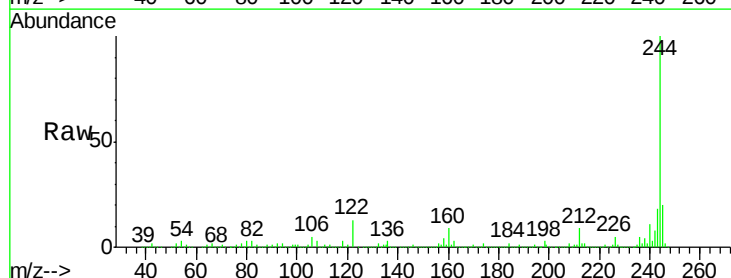
Tgt Ion:244 Resp: 1194330

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.6

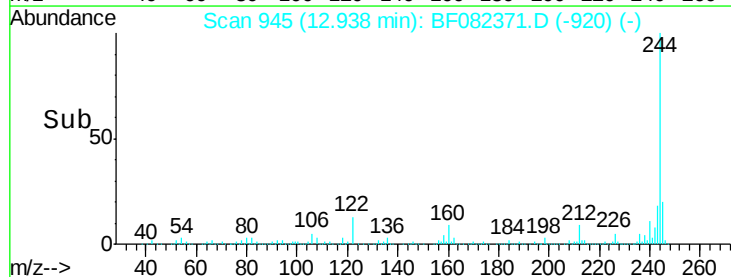
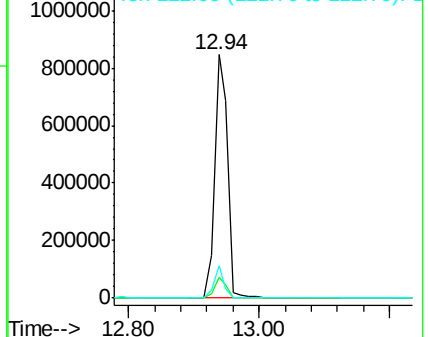
122 13.3 5.9 8.9#

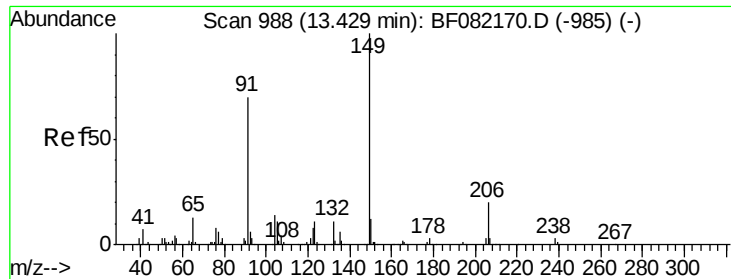


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

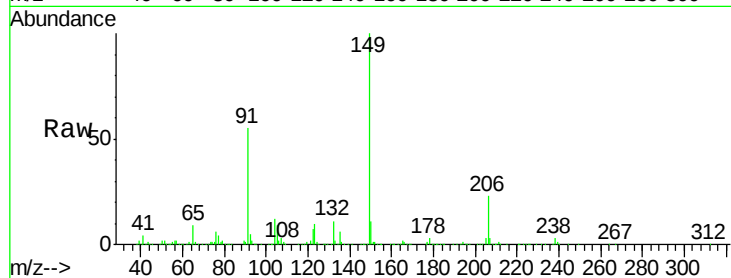




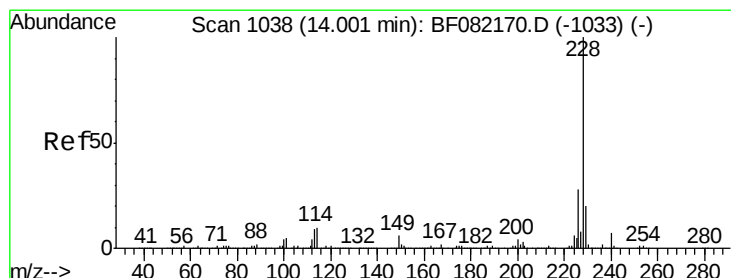
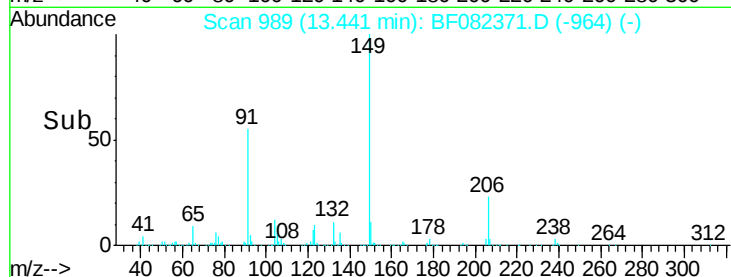
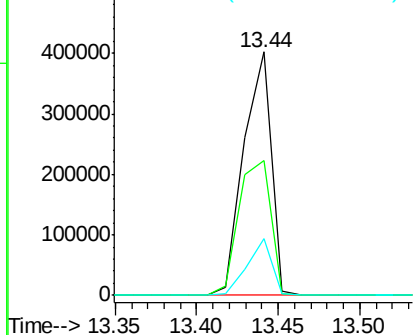
#79
Butylbenzylphthalate
Concen: 54.02 ng
RT: 13.44 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion:149 Resp: 472523
Ion Ratio Lower Upper
149 100
91 55.3 55.7 83.5#
206 23.1 15.6 23.4

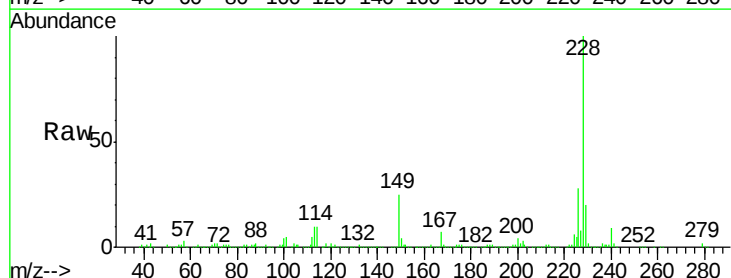


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

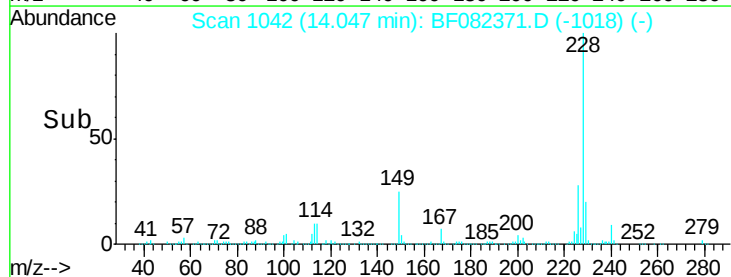
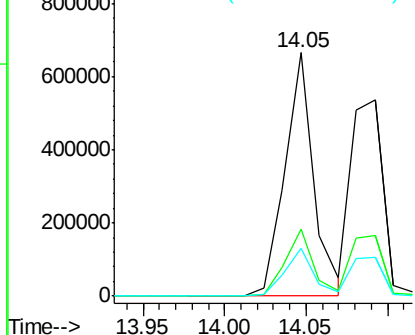


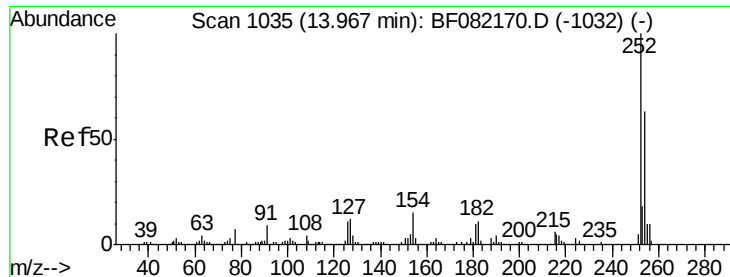
#80
Benzo(a)anthracene
Concen: 48.58 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF082371.D
Acq: 19 Oct 2015 22:42

Tgt Ion:228 Resp: 816483
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.7 16.2 24.2



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

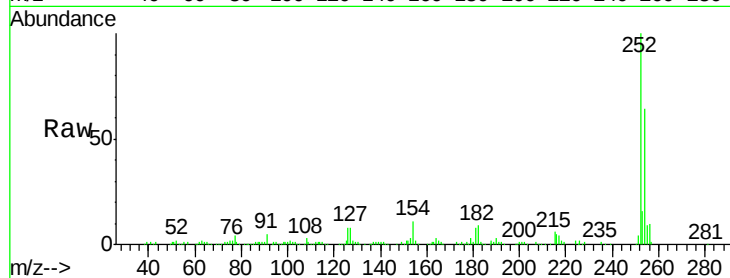




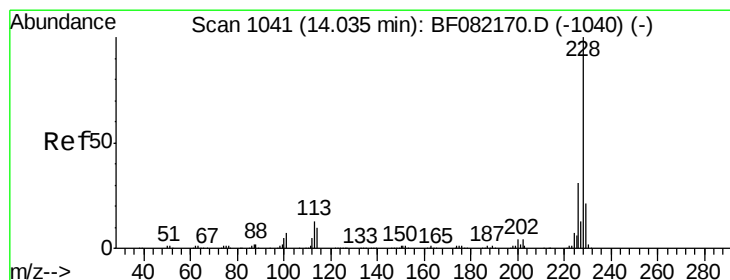
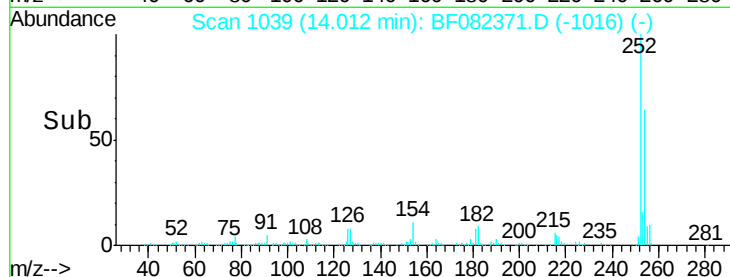
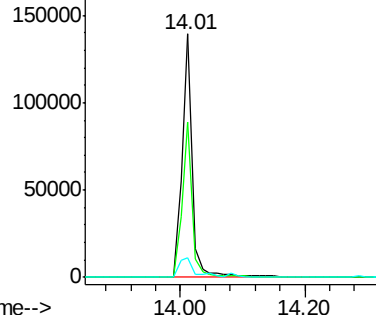
#81
 3,3'-Dichlorobenzidine
 Concen: 24.80 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.03 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Tot Ion:252 Resp: 158184
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.7 76.1
 126 7.8 9.0 13.6#

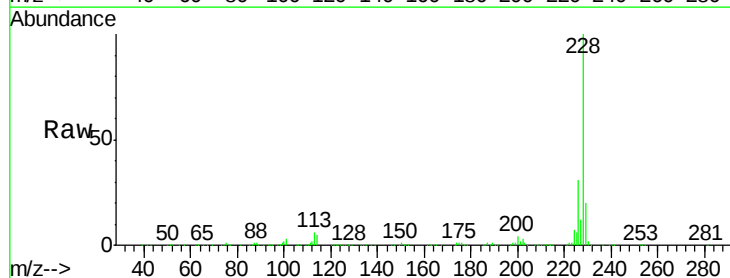


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

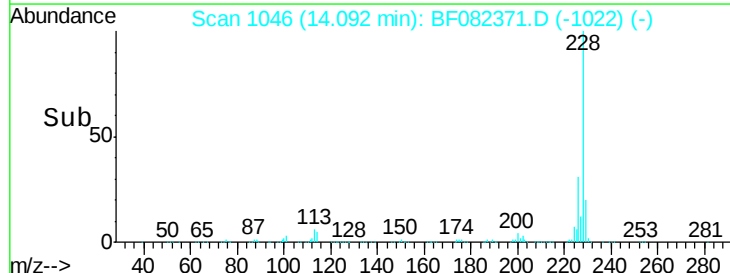
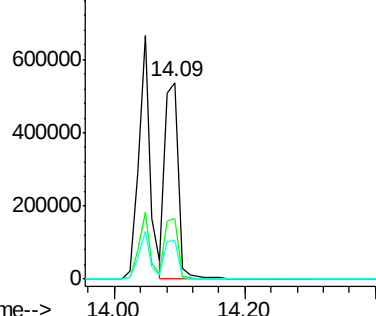


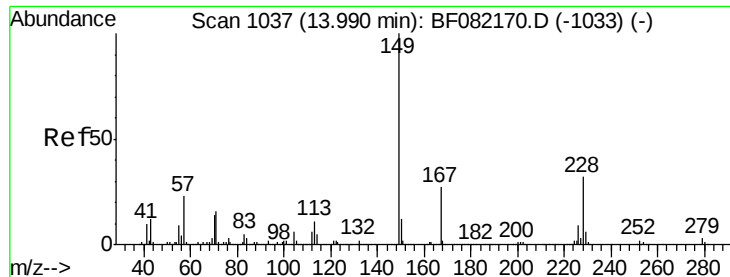
#82
 Chrysene
 Concen: 43.18 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. -0.02 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion:228 Resp: 764580
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 19.7 16.3 24.5



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: 47.77 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

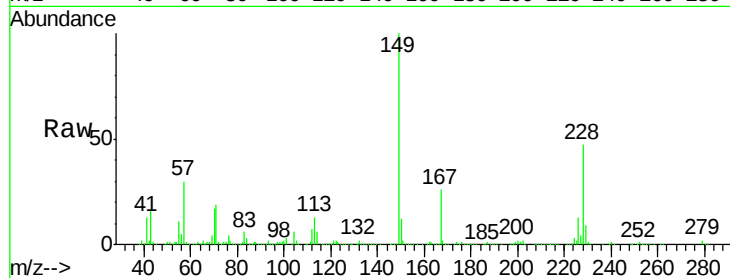
Tot Ion:149 Resp: 596233

Ion Ratio Lower Upper

149 100

167 25.7 21.3 31.9

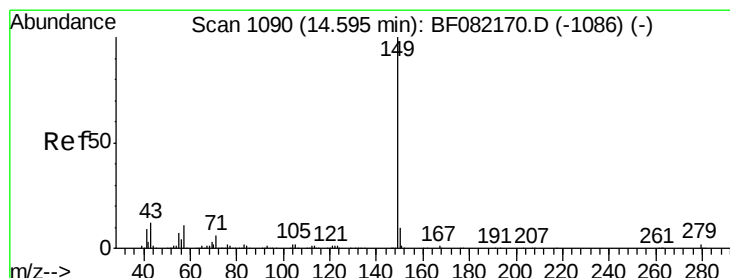
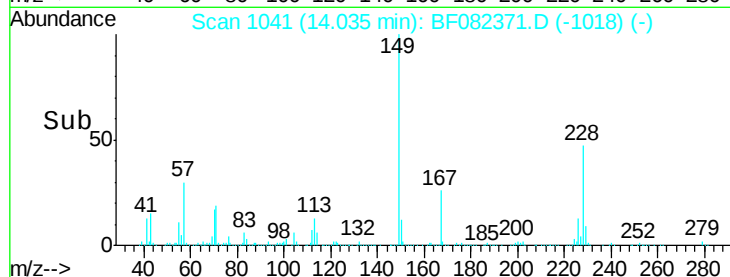
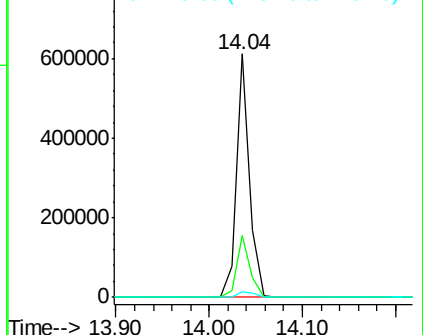
279 2.4 2.6 4.0#



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: 49.74 ng

RT: 14.73 min Scan# 1102

Delta R.T. -0.06 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

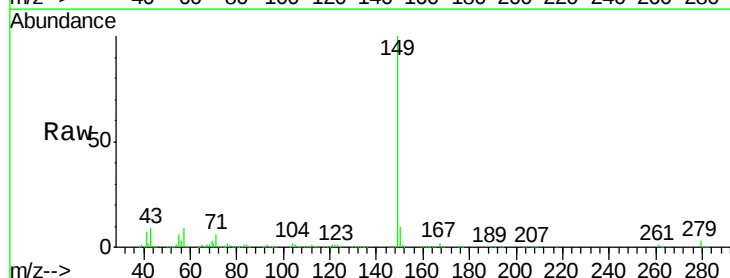
Tgt Ion:149 Resp: 1066164

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

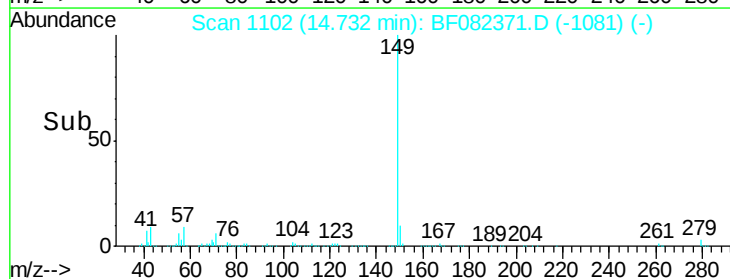
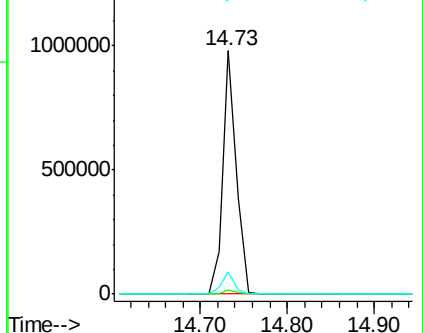
43 8.9 7.4 11.2



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

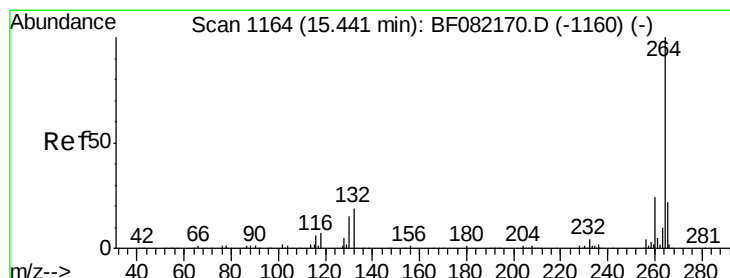
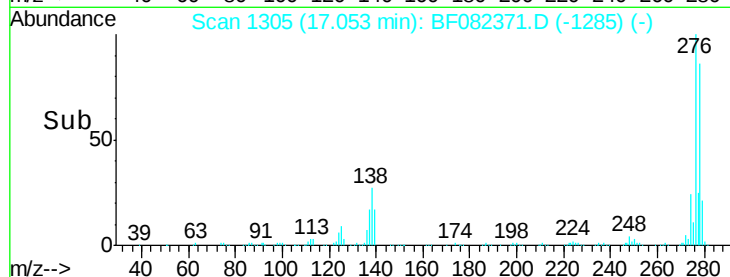
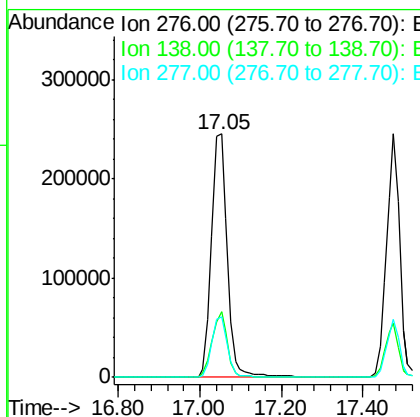
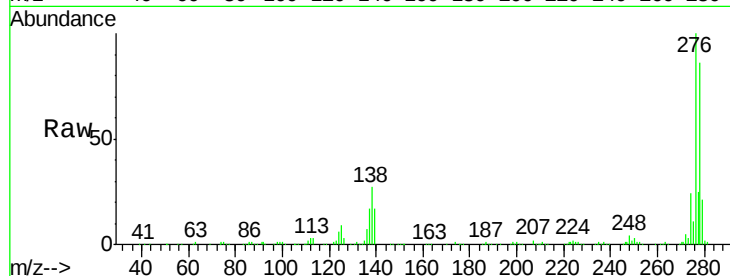




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.51 ng
 RT: 17.05 min Scan# 1305
 Delta R.T. -0.07 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

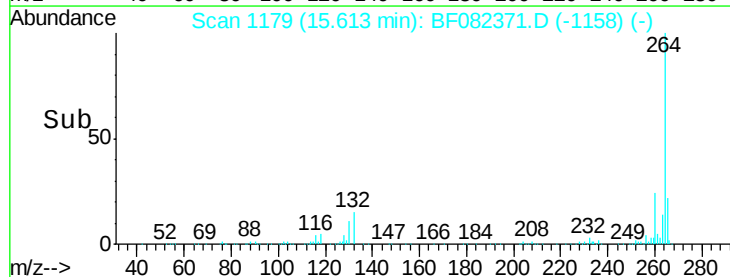
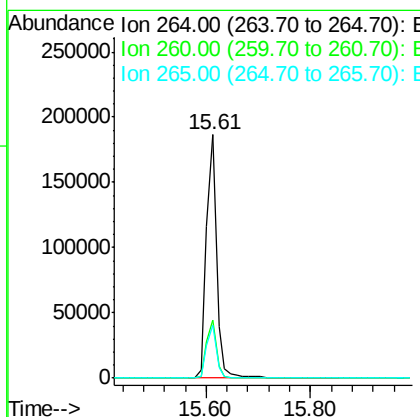
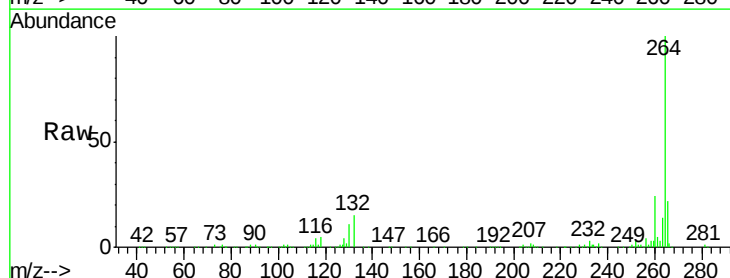
Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	19.7	29.5
277	24.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1179
 Delta R.T. -0.06 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 91.61 ng

RT: 15.22 min Scan# 1145

Delta R.T. -0.02 min

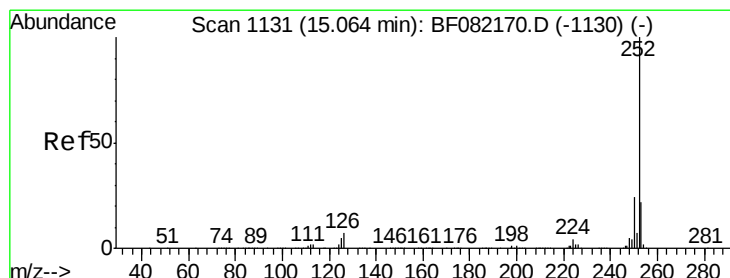
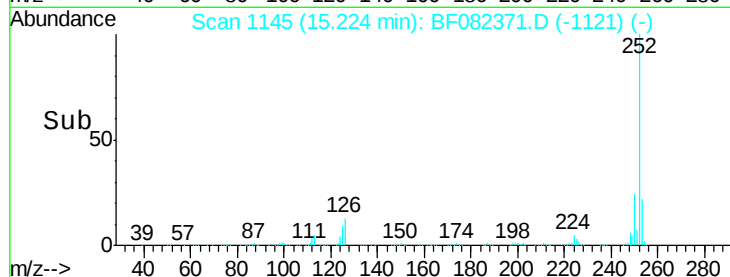
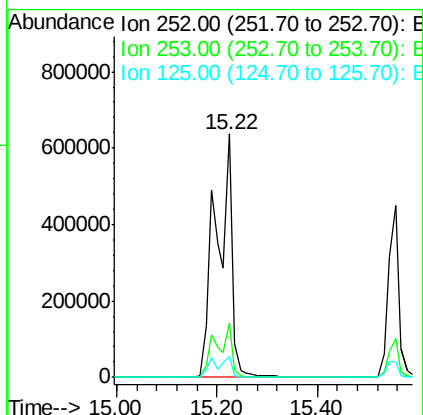
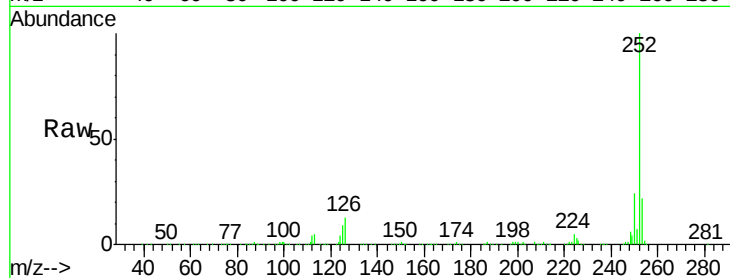
Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :
BNA_F
ClientSampleId :
PX3MSD

Tot Ion:252 Resp: 1412579

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	8.8	8.6	12.8



#88

Benzo(k)fluoranthene

Concen: 109.13 ng

RT: 15.22 min Scan# 1145

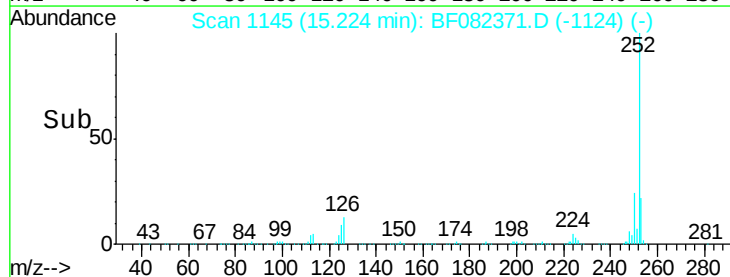
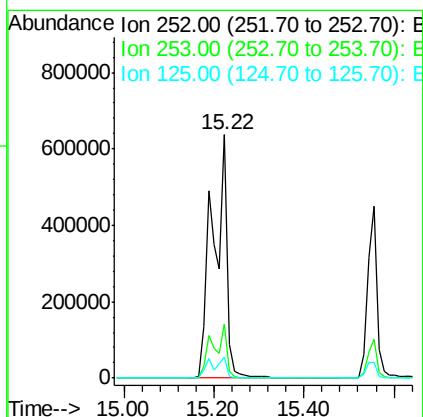
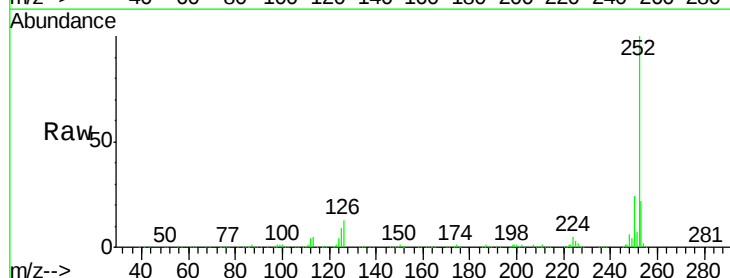
Delta R.T. -0.06 min

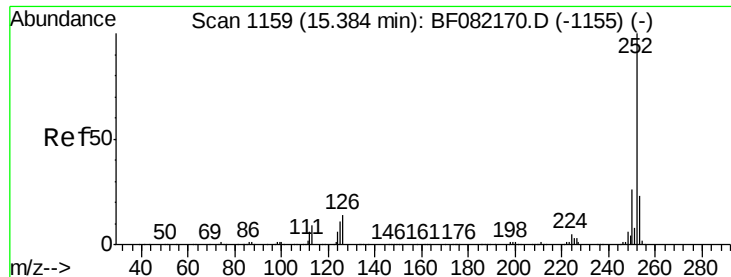
Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Tgt Ion:252 Resp: 1414348

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	8.8	6.7	10.1





#89

Benzo(a)pyrene

Concen: 49.11 ng

RT: 15.56 min Scan# 1174

Delta R.T. -0.06 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

Instrument :

BNA_F

ClientSampleId :

PX3MSD

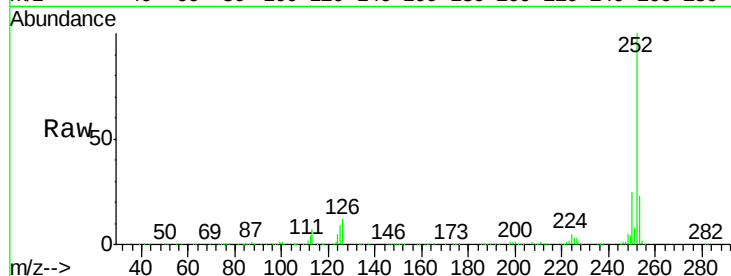
Tot Ion:252 Resp: 650841

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

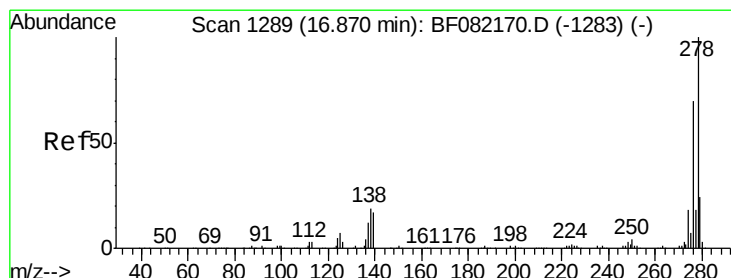
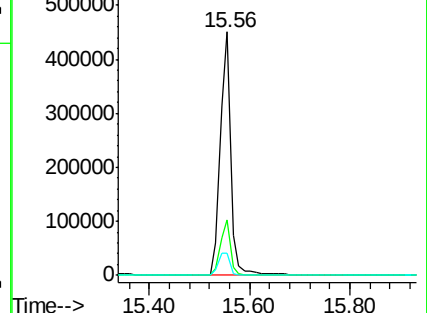
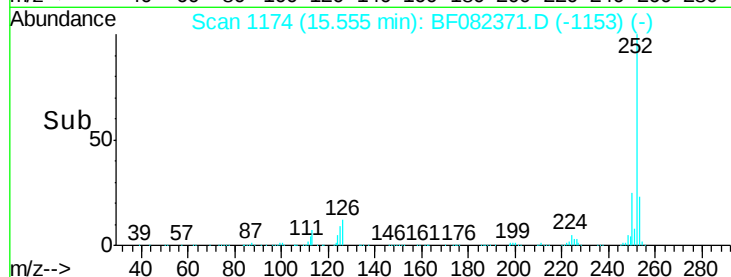
125 8.9 8.9 13.3



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: 51.93 ng

RT: 17.06 min Scan# 1306

Delta R.T. -0.07 min

Lab File: BF082371.D

Acq: 19 Oct 2015 22:42

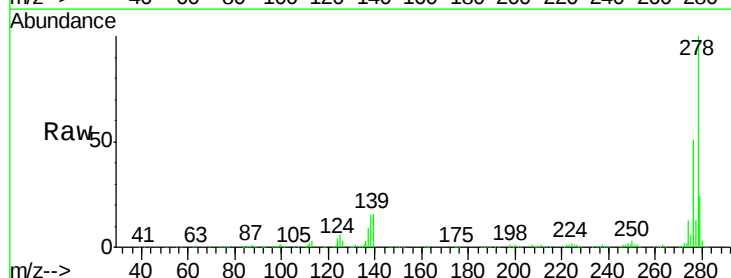
Tgt Ion:278 Resp: 563990

Ion Ratio Lower Upper

278 100

139 15.6 13.3 19.9

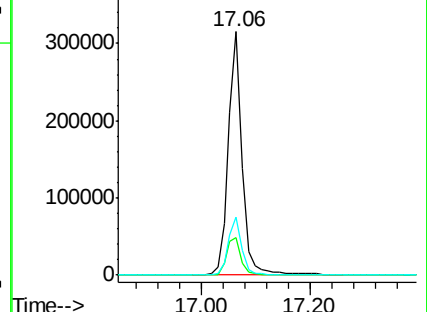
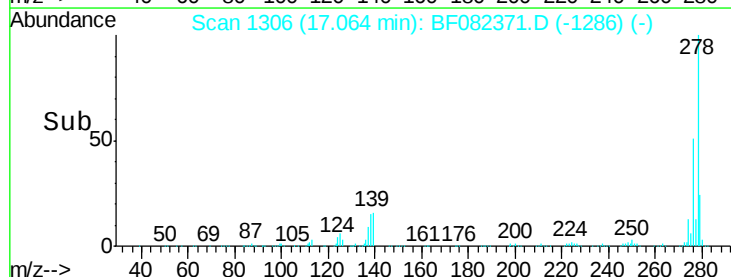
279 23.7 18.9 28.3

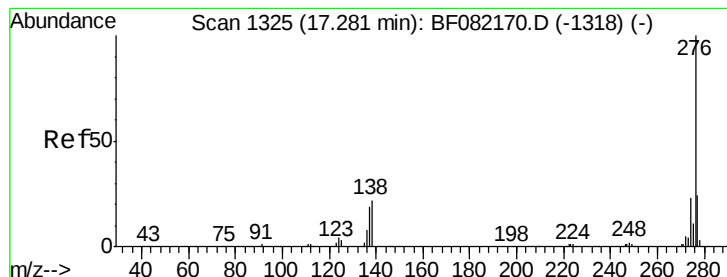


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

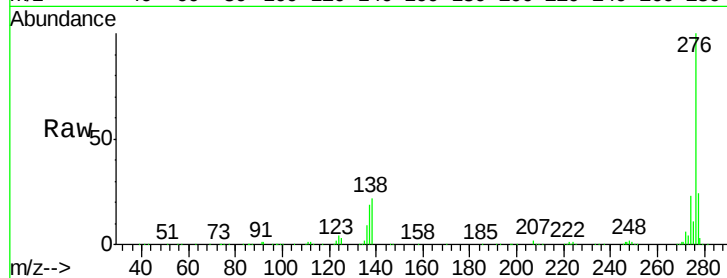




#91
 Benzo(a,h,i)perylene
 Concen: 53.24 ng
 RT: 17.48 min Scan# 1342
 Delta R.T. -0.07 min
 Lab File: BF082371.D
 Acq: 19 Oct 2015 22:42

Instrument :
 BNA_F
 ClientSampleId :
 PX3MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.8	28.2
138	22.1	17.4	26.2



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

