

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082980.D
 Acq On : 17 Nov 2015 22:02
 Operator : UM/IZ
 Sample : G4426-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:29:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	433956	20.00	ng	0.06
21) Naphthalene-d8	8.04	136	616120	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	307049	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	584644	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	401698	20.00	ng	-0.11
86) Perylene-d12	15.30	264	346518	20.00	ng	-0.16

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1134906	40.69	ng	-0.08
7) Phenol-d6	6.42	99	1718191	46.34	ng	-0.07
23) Nitrobenzene-d5	7.32	82	977994	69.07	ng	-0.09
41) 2,4,6-Tribromophenol	10.59	330	378958	107.64	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	1562246	72.92	ng	-0.09
78) Terphenyl-d14	12.87	244	1566599	92.50	ng	-0.10

Target Compounds						Qvalue
2) 1,4-Dioxane	2.34	88	181780	15.11	ng	96
3) Pyridine	3.01	79	514887	14.74	ng	93
4) n-Nitrosodimethylamine	2.96	42	246052	14.21	ng	# 75
6) Aniline	6.50	93	493666	9.48	ng	# 55
8) 2-Chlorophenol	6.54	128	451876	14.62	ng	83
10) Phenol	6.43	94	647477	15.39	ng	77
11) bis(2-Chloroethyl)ether	6.50	93	493665	15.69	ng	87
12) 1,3-Dichlorobenzene	6.69	146	456958	13.10	ng	93
13) 1,4-Dichlorobenzene	6.77	146	506268	13.95	ng	95
14) 1,2-Dichlorobenzene	6.93	146	451441	13.68	ng	96
15) Benzyl Alcohol	6.91	79	471054	14.47	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	746026	16.17	ng	94
17) 2-Methylphenol	7.04	107	415684	15.87	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	153607	5.64	ng	# 69
20) 3+4-Methylphenols	7.18	107	489689	14.38	ng	# 63
22) Acetophenone	7.17	105	733939	41.57	ng	99
24) Nitrobenzene	7.34	77	619148	42.76	ng	99
25) Isophorone	7.58	82	1052908	40.19	ng	98
26) 2-Nitrophenol	7.66	139	242778	40.17	ng	# 54
27) 2,4-Dimethylphenol	7.71	122	395018	36.37	ng	93
28) bis(2-Chloroethoxy)methane	7.80	93	655202	44.34	ng	98
29) 2,4-Dichlorophenol	7.90	162	384466	39.17	ng	86
30) 1,2,4-Trichlorobenzene	7.98	180	402561	36.47	ng	97
31) Naphthalene	8.06	128	1301723	38.29	ng	99
32) Benzoic acid	7.81	122	127942	17.21	ng	94
33) 4-Chloroaniline	8.11	127	247966	16.93	ng	94
34) Hexachlorobutadiene	8.19	225	256520	37.14	ng	99
35) Caprolactam	8.49	113	92739	29.97	ng	90
36) 4-Chloro-3-methylphenol	8.61	107	428529	37.13	ng	92
37) 2-Methylnaphthalene	8.75	142	833347	37.90	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	345880	34.28	ng	97
40) Hexachlorocyclopentadiene	8.92	237	449451	82.91	ng	95
42) 2,4,6-Trichlorophenol	9.04	196	278758	37.01	ng	97
43) 2,4,5-Trichlorophenol	9.09	196	298178	40.03	ng	# 76

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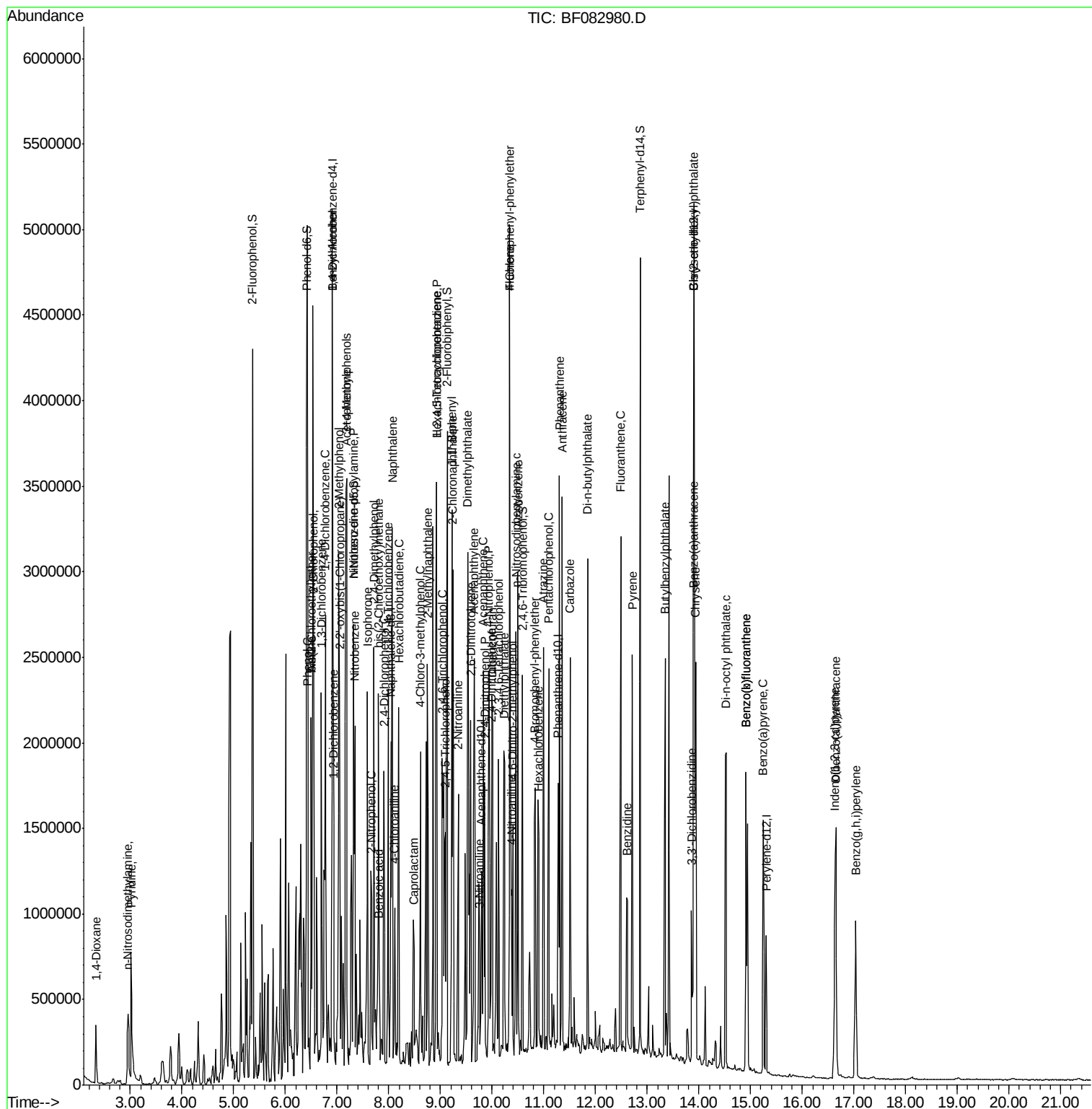
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.22	154	927919	35.22	nq	95
46) 2-Chloronaphthalene	9.24	162	784148	38.15	nq	96
47) 2-Nitroaniline	9.34	65	333505	43.74	nq	# 63
48) Acenaphthylene	9.65	152	1221316	37.92	nq	98
49) Dimethylphthalate	9.53	163	1377427	54.75	nq	100
50) 2,6-Dinitrotoluene	9.58	165	205264	38.24	nq	98
51) Acenaphthene	9.82	154	852446	41.76	nq	99
52) 3-Nitroaniline	9.76	138	163588	27.71	nq	# 59
53) 2,4-Dinitrophenol	9.86	184	187596	63.65	nq	# 20
54) Dibenzofuran	10.01	168	1139551	41.40	nq	# 85
55) 4-Nitrophenol	9.94	139	381052	84.14	nq	91
56) 2,4-Dinitrotoluene	9.98	165	271607	37.29	nq	94
57) Fluorene	10.34	166	859816	38.58	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.12	232	242236	39.84	nq	# 86
59) Diethylphthalate	10.24	149	973240	39.62	nq	96
60) 4-Chlorophenyl-phenylether	10.34	204	423948	38.01	nq	# 90
61) 4-Nitroaniline	10.37	138	247953	41.77	nq	# 69
62) Azobenzene	10.50	77	1167239	44.24	nq	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	153105	36.76	nq	# 72
65) n-Nitrosodiphenylamine	10.46	169	819411	38.80	nq	97
66) 4-Bromophenyl-phenylether	10.83	248	274883	39.05	nq	94
67) Hexachlorobenzene	10.90	284	294355	37.45	nq	# 57
68) Atrazine	10.99	200	246057	37.67	nq	96
69) Pentachlorophenol	11.09	266	331568	69.46	nq	98
70) Phenanthrene	11.30	178	1223300	36.03	nq	98
71) Anthracene	11.36	178	1434318	40.10	nq	99
72) Carbazole	11.50	167	1158601	37.01	nq	98
73) Di-n-butylphthalate	11.85	149	1399823	35.89	nq	99
74) Fluoranthene	12.49	202	1421607	39.02	nq	97
76) Benzidine	12.61	184	544906	40.48	nq	98
77) Pyrene	12.72	202	1397912	50.67	nq	99
79) Butylbenzylphthalate	13.35	149	648746	53.23	nq	# 83
80) Benzo(a)anthracene	13.89	228	1073634	42.74	nq	98
81) 3,3'-Dichlorobenzidine	13.86	252	202188	22.64	nq	98
82) Chrysene	13.94	228	1083662	47.10	nq	97
83) Bis(2-ethylhexyl)phthalate	13.91	149	804878	48.25	nq	# 98
84) Di-n-octyl phthalate	14.52	149	1294576	46.53	nq	97
85) Indeno(1,2,3-cd)pyrene	16.64	276	882632	44.54	nq	# 95
87) Benzo(b)fluoranthene	14.91	252	1642772	73.86	nq	# 98
88) Benzo(k)fluoranthene	14.91	252	1642772	83.26	nq	# 97
89) Benzo(a)pyrene	15.24	252	760673	39.47	nq	# 97
90) Dibenzo(a,h)anthracene	16.65	278	743961	45.59	nq	# 97
91) Benzo(g,h,i)perylene	17.04	276	739185	47.29	nq	96

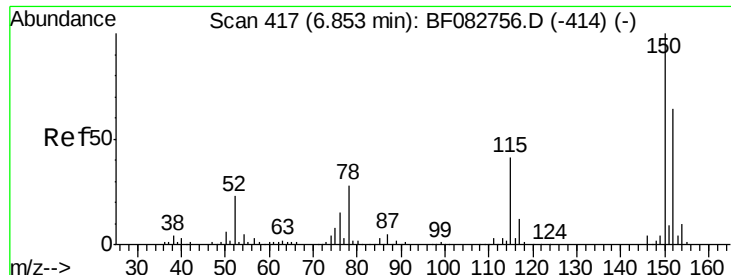
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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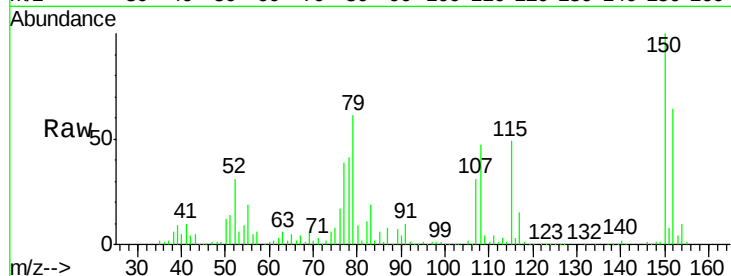




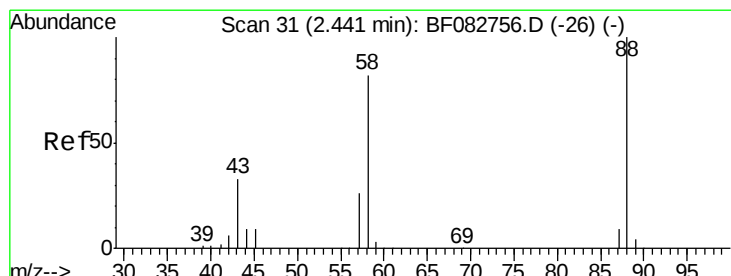
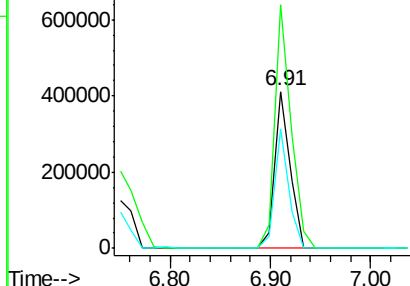
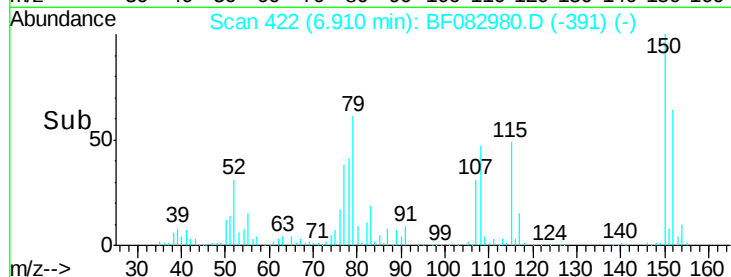
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.06 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 433956
 Ion Ratio Lower Upper
 152 100
 150 155.2 127.0 190.4
 115 75.9 47.0 70.6#

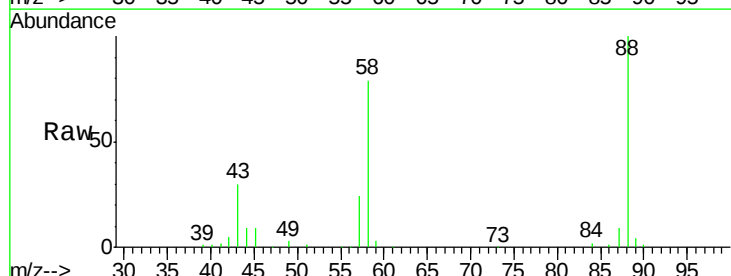


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

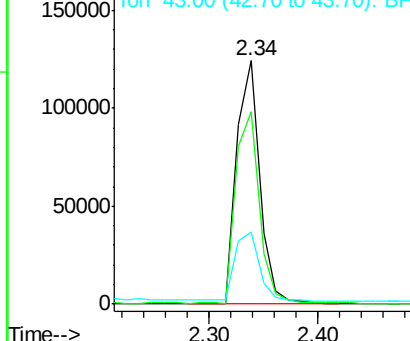
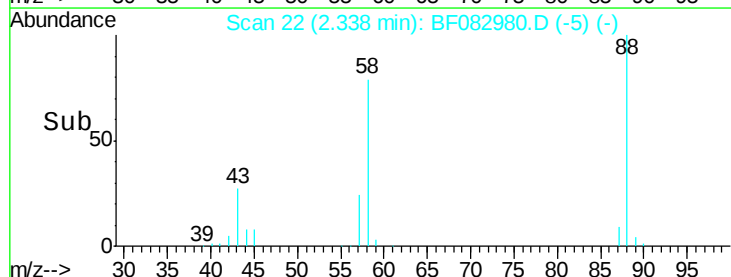


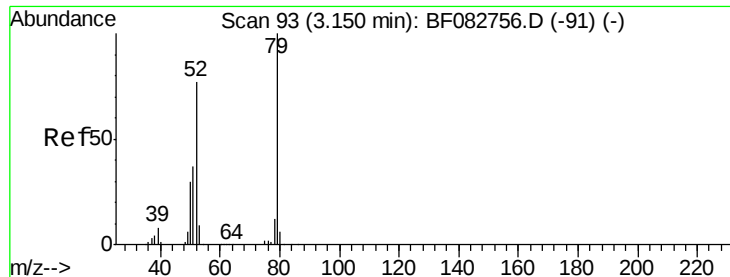
#2
 1,4-Dioxane
 Concen: 15.11 ng
 RT: 2.34 min Scan# 22
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion: 88 Resp: 181780
 Ion Ratio Lower Upper
 88 100
 58 80.2 62.0 93.0
 43 29.6 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 14.74 ng

RT: 3.01 min Scan# 81

Delta R.T. -0.14 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

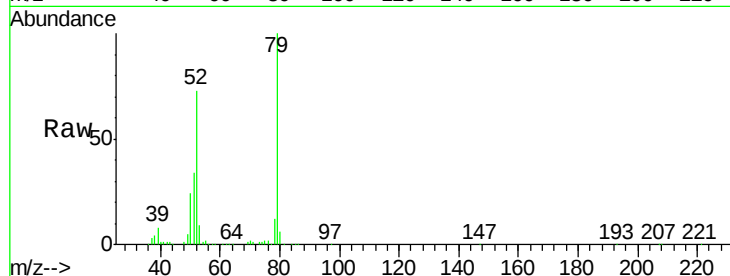
Tot Ion: 79 Resp: 514887

Ion Ratio Lower Upper

79 100

52 73.2 62.8 94.2

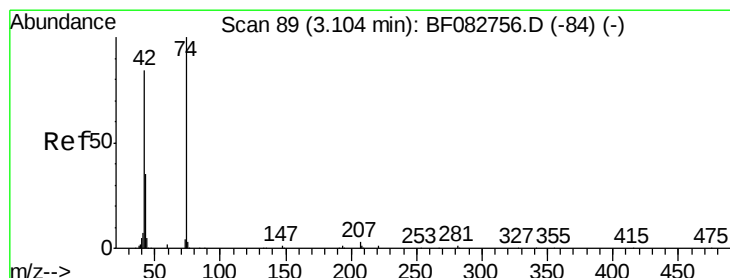
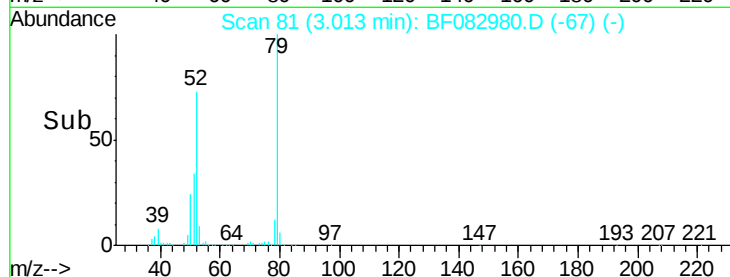
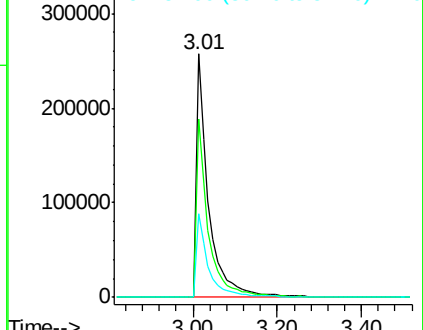
51 34.5 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 14.21 ng

RT: 2.96 min Scan# 76

Delta R.T. -0.15 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

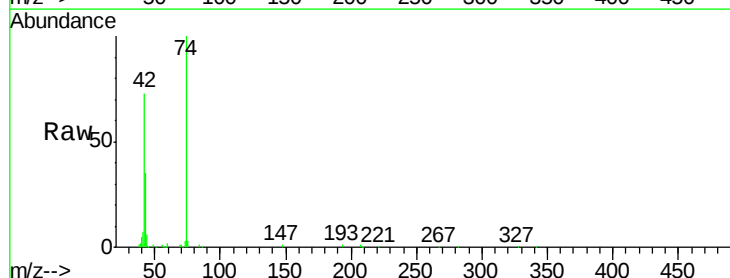
Tgt Ion: 42 Resp: 246052

Ion Ratio Lower Upper

42 100

74 136.5 87.0 130.4#

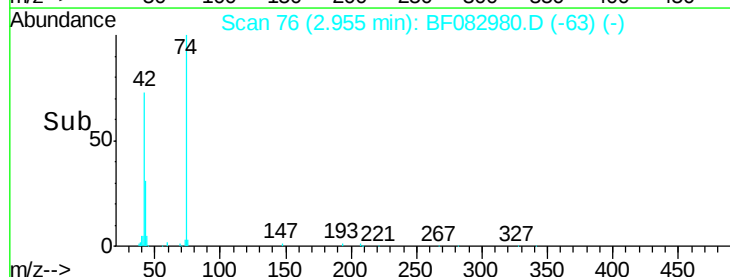
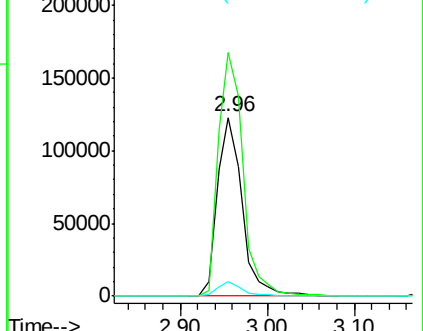
44 8.0 5.8 8.8

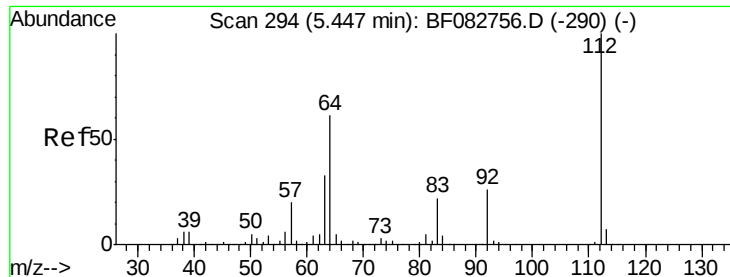


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 40.69 ng

RT: 5.37 min Scan# 287

Delta R.T. -0.08 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

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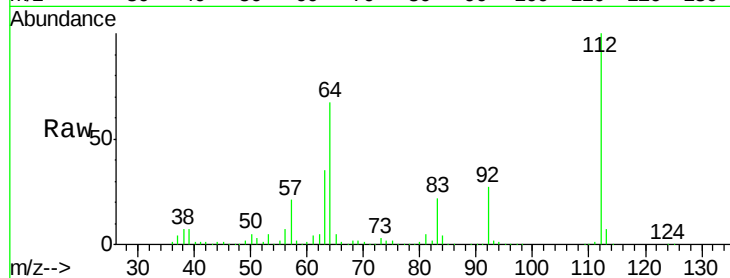
Tot Ion:112 Resp: 1134906

Ion Ratio Lower Upper

112 100

64 67.4 48.9 73.3

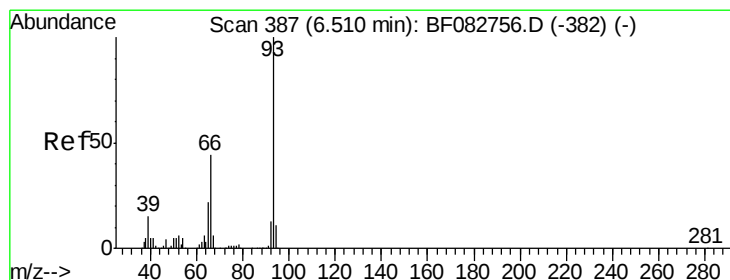
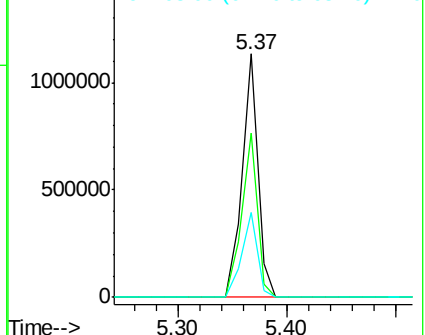
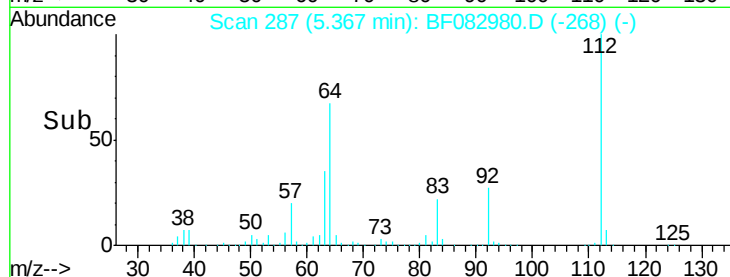
63 34.9 28.1 42.1



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: 9.48 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082980.D

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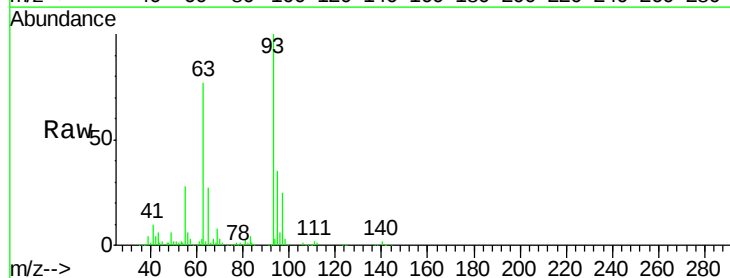
Tgt Ion: 93 Resp: 493666

Ion Ratio Lower Upper

93 100

66 0.9 33.6 50.4#

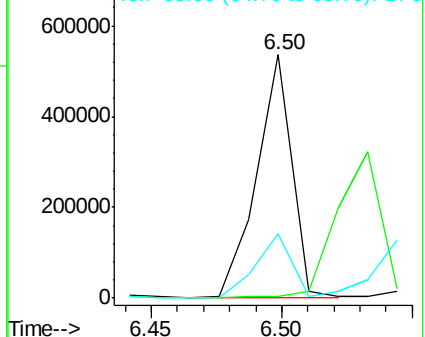
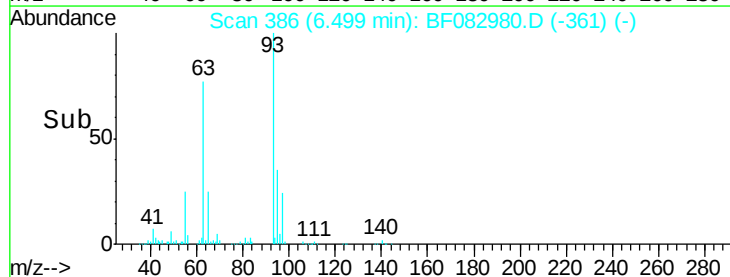
65 26.6 18.1 27.1

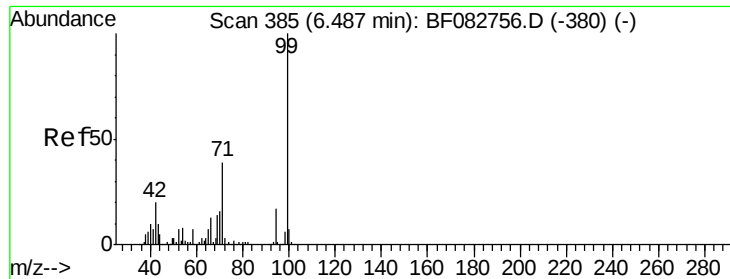


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 46.34 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.07 min

Lab File: BF082980.D

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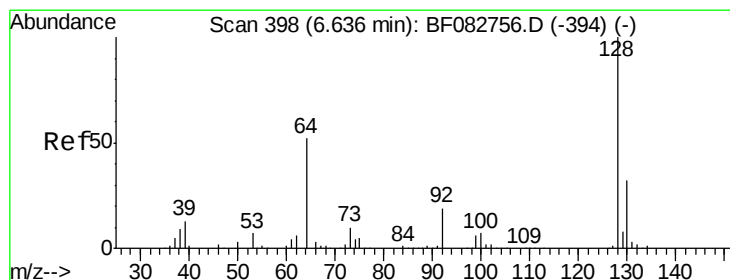
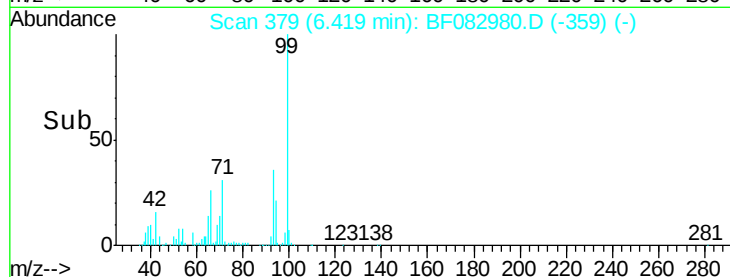
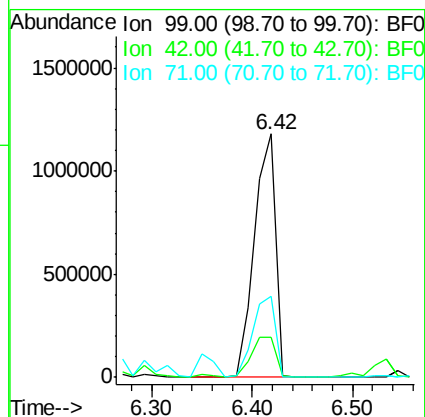
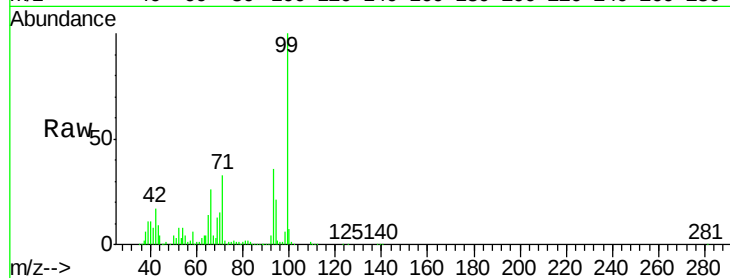
Tot Ion: 99 Resp: 1718191

Ion Ratio Lower Upper

99 100

42 16.7 19.2 28.8#

71 33.4 35.0 52.4#



#8

2-Chlorophenol

Concen: 14.62 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

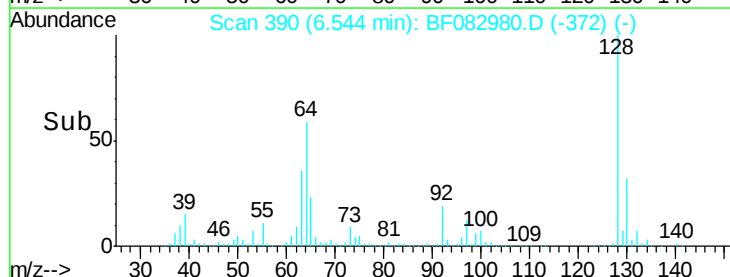
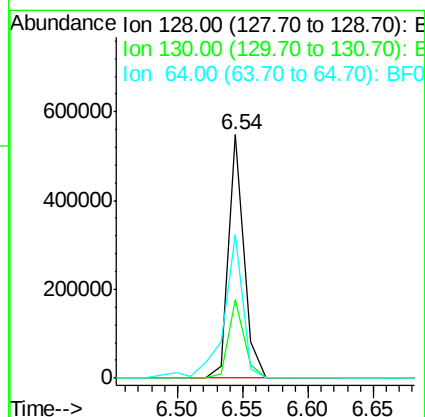
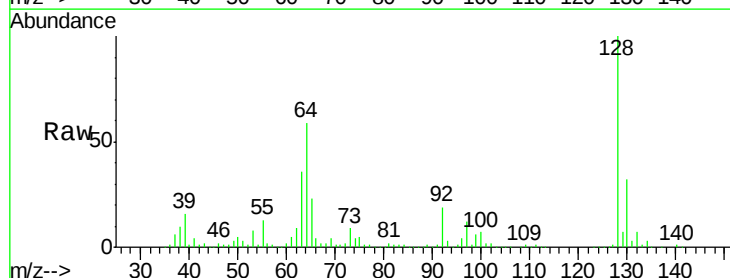
Tgt Ion: 128 Resp: 451876

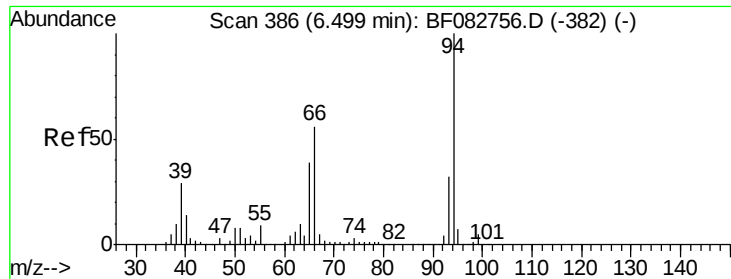
Ion Ratio Lower Upper

128 100

130 32.2 13.5 53.5

64 58.8 21.1 61.1





#10

Phenol

Concen: 15.39 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.07 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

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ClientSampled :

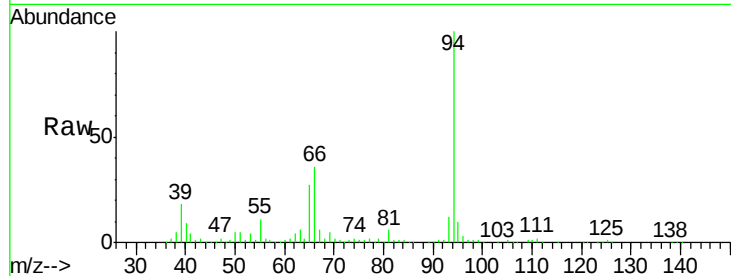
Tot Ion: 94 Resp: 647477

Ion Ratio Lower Upper

94 100

65 27.1 18.9 58.9

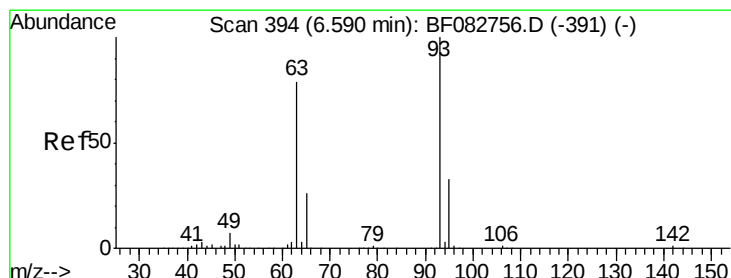
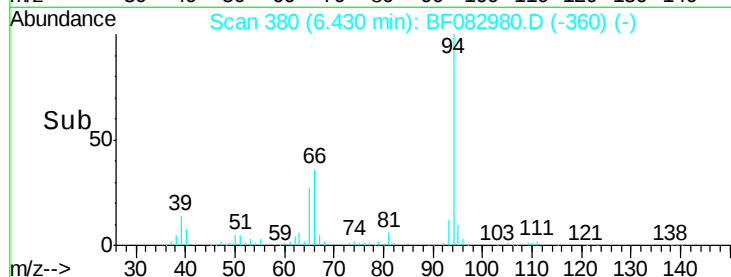
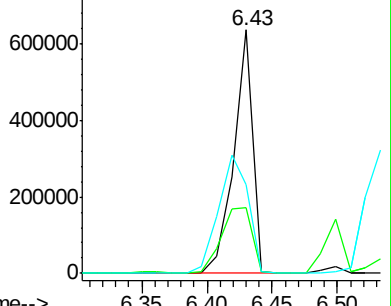
66 36.3 34.9 74.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 15.69 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

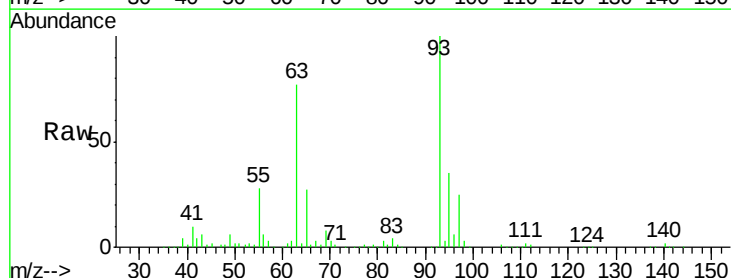
Tgt Ion: 93 Resp: 493665

Ion Ratio Lower Upper

93 100

63 77.5 72.7 112.7

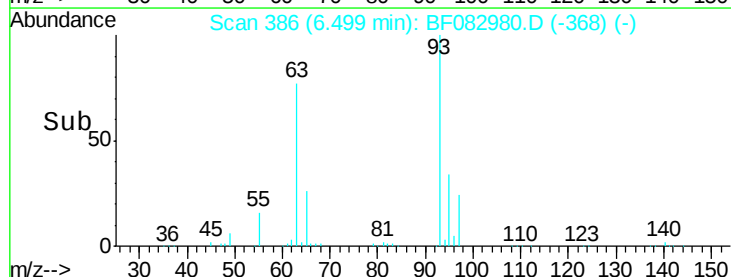
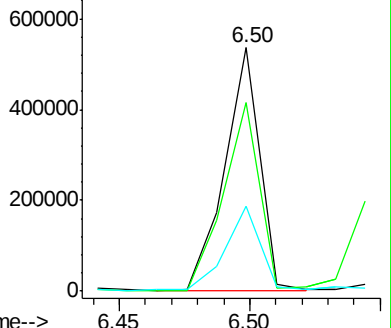
95 34.9 12.0 52.0

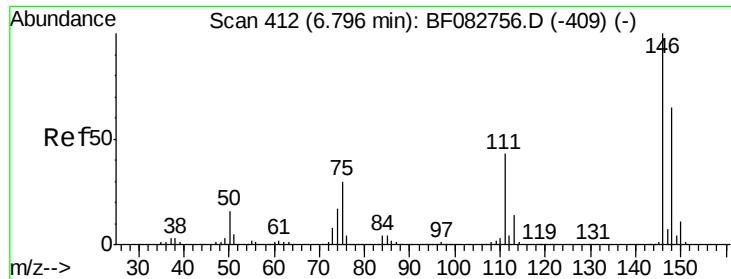


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

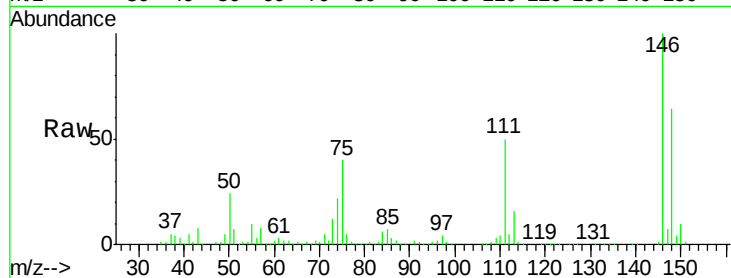




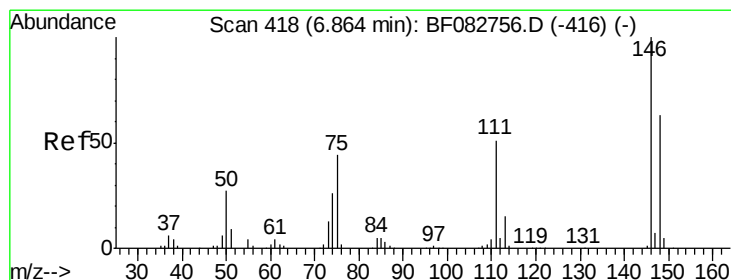
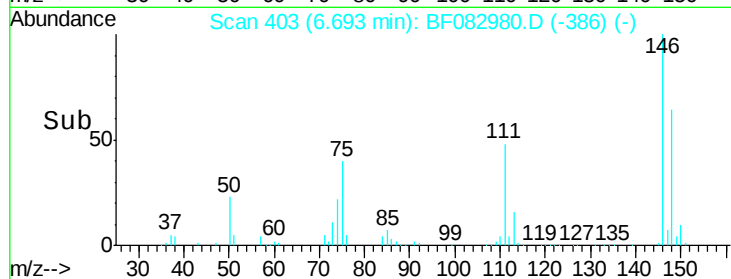
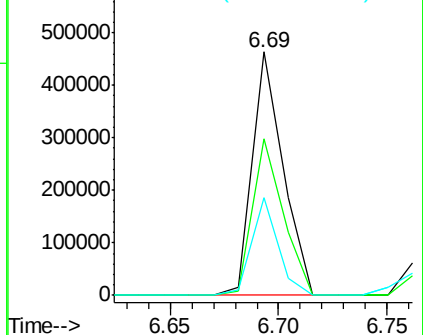
#12
 1,3-Dichlorobenzene
 Concen: 13.10 ng
 RT: 6.69 min Scan# 403
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
75	40.2	39.5	59.3

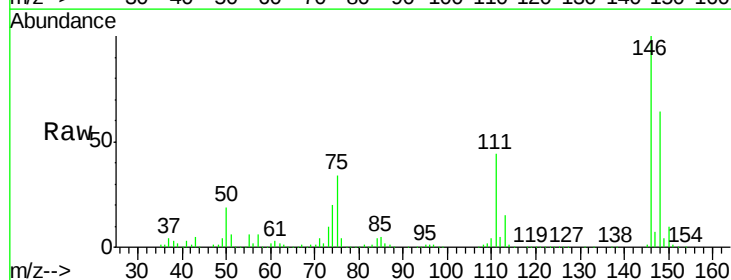


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

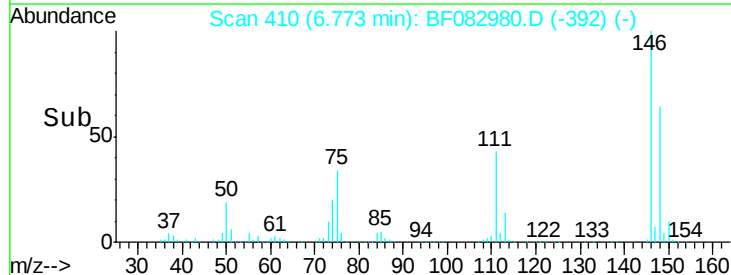
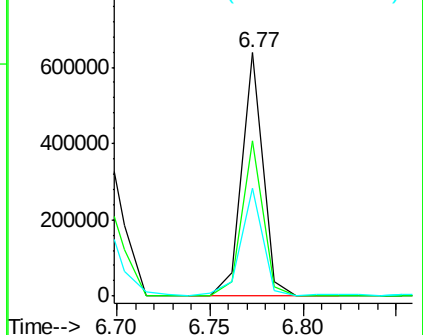


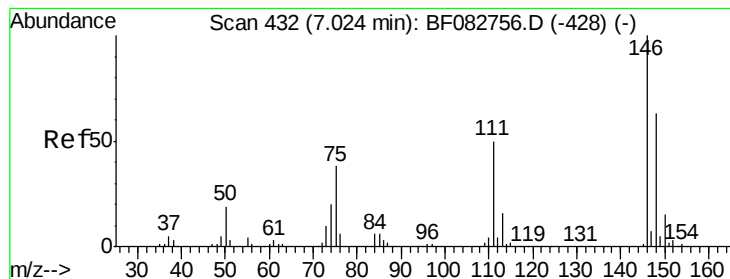
#13
 1,4-Dichlorobenzene
 Concen: 13.95 ng
 RT: 6.77 min Scan# 410
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	44.2	40.6	60.8



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

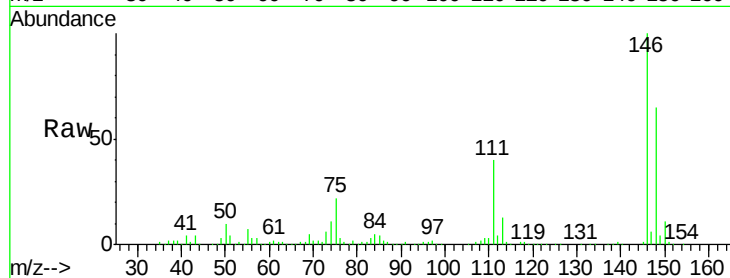




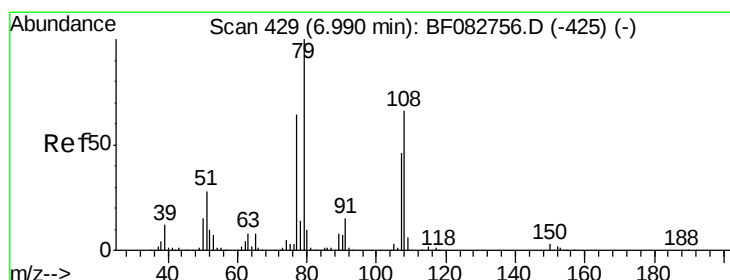
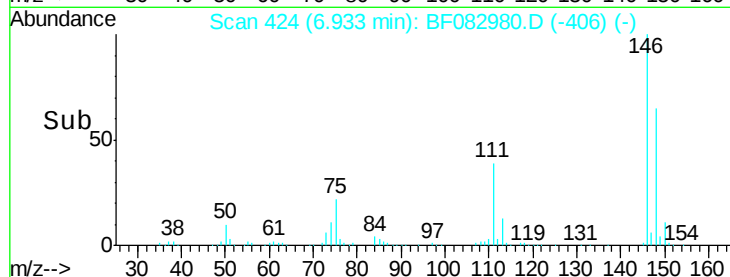
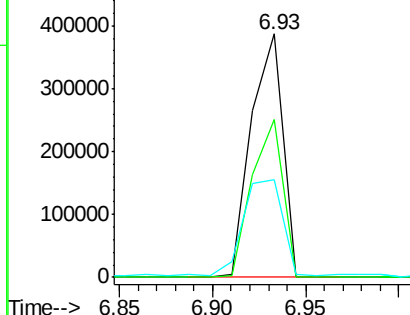
#14
 1,2-Dichlorobenzene
 Concen: 13.68 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 451441
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.4
 111 40.2 36.6 55.0

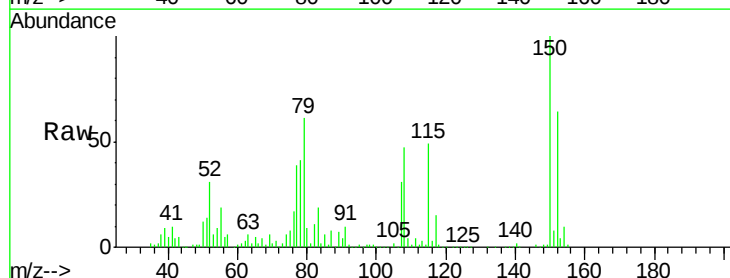


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

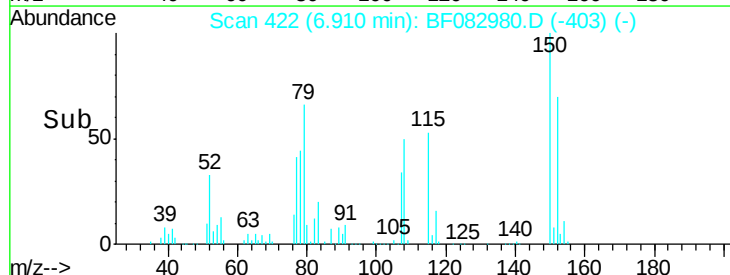
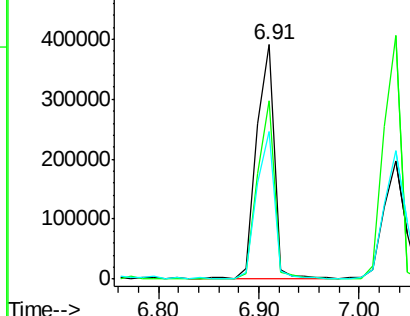


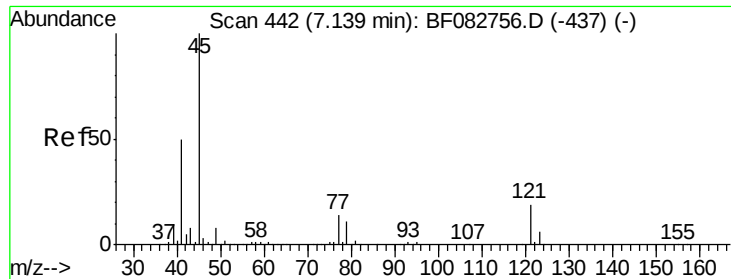
#15
 Benzyl Alcohol
 Concen: 14.47 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.08 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion: 79 Resp: 471054
 Ion Ratio Lower Upper
 79 100
 108 76.2 52.2 78.4
 77 63.1 52.7 79.1



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

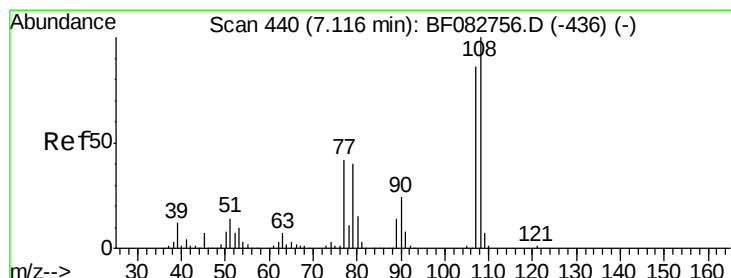
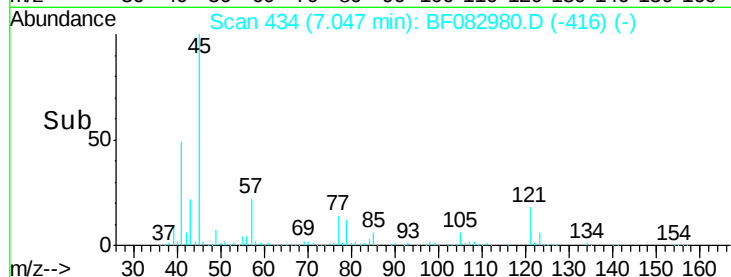
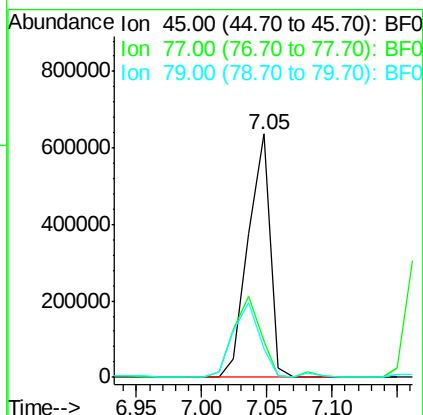
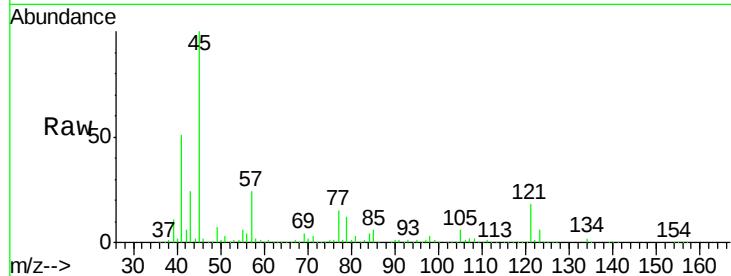




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 16.17 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

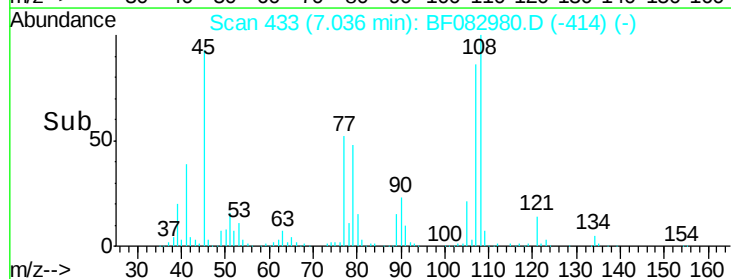
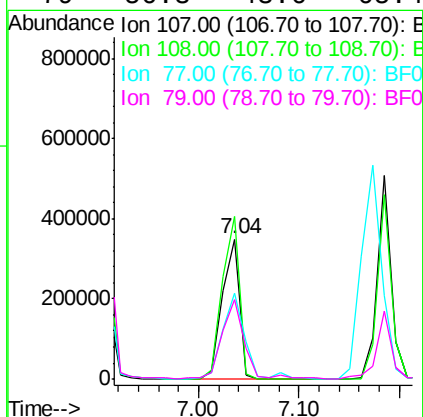
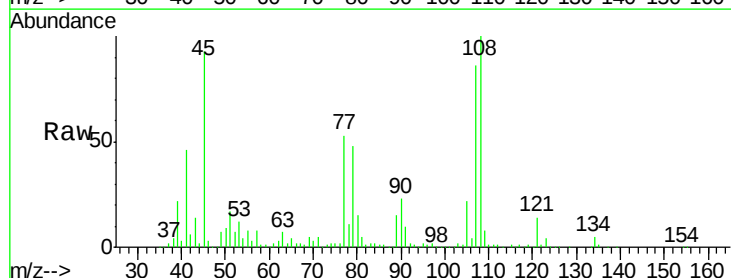
Instrument :
BNA_F
ClientSampleId :

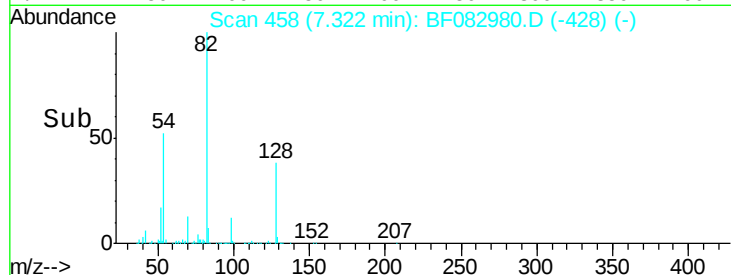
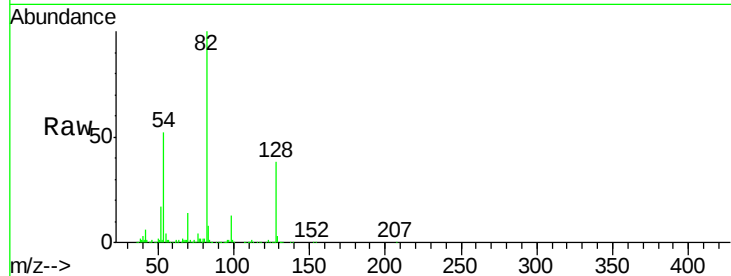
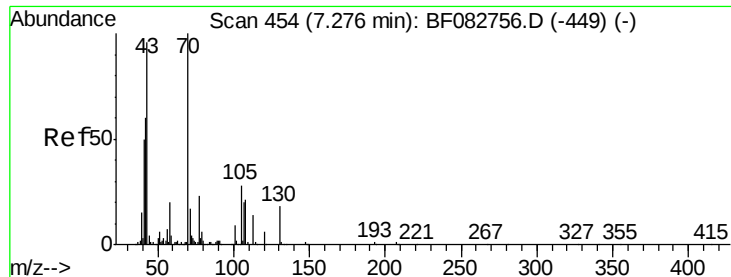
Tot Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	32.6
79	12.0	0.0	29.2



#17
2-Methylphenol
Concen: 15.87 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.08 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.1	93.0	139.4
77	61.1	44.1	66.1
79	56.3	43.6	65.4

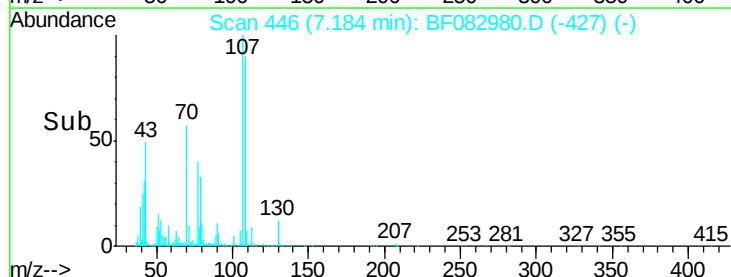
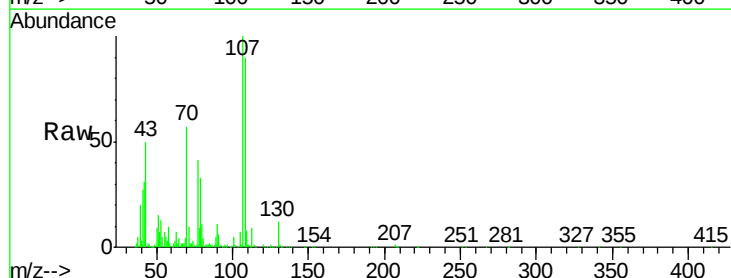
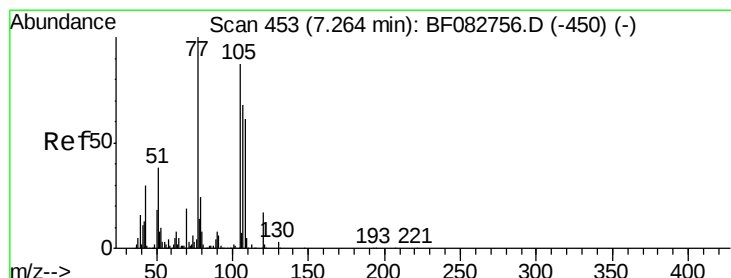
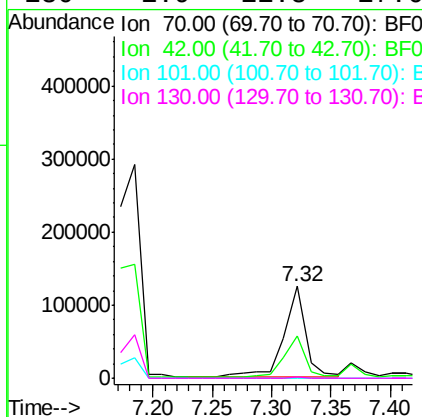




#19
n-Nitroso-di-n-propylamine
Concen: 5.64 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.05 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

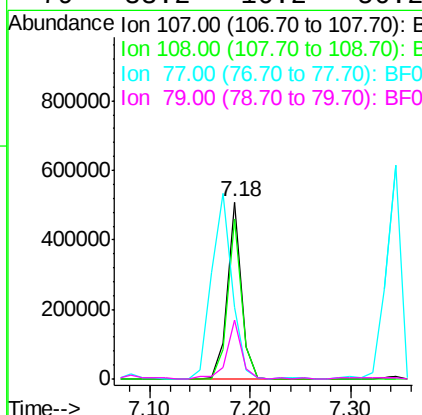
Instrument :
BNA_F
ClientSampled :

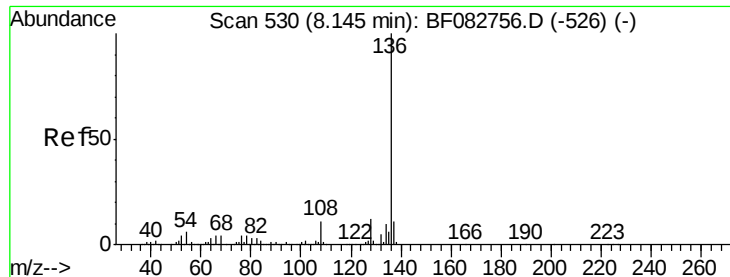
Tot Ion: 70 Resp: 153607
Ion Ratio Lower Upper
70 100
42 45.5 57.7 86.5#
101 0.0 7.0 10.6#
130 1.9 11.8 17.6#



#20
3+4-Methylphenols
Concen: 14.38 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.08 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion: 107 Resp: 489689
Ion Ratio Lower Upper
107 100
108 90.3 67.3 107.3
77 40.7 100.3 140.3#
79 33.2 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 616120

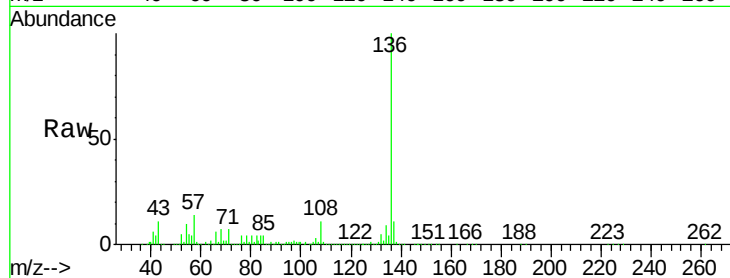
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.8 9.1 13.7

68 6.9 4.8 7.2

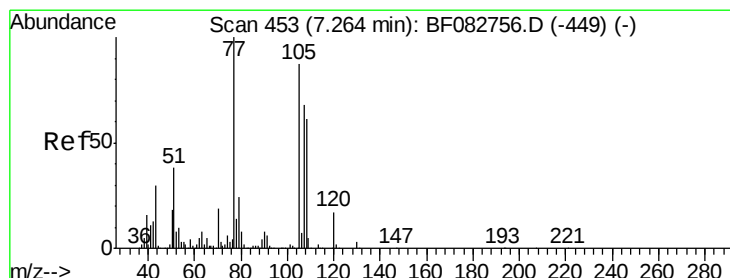
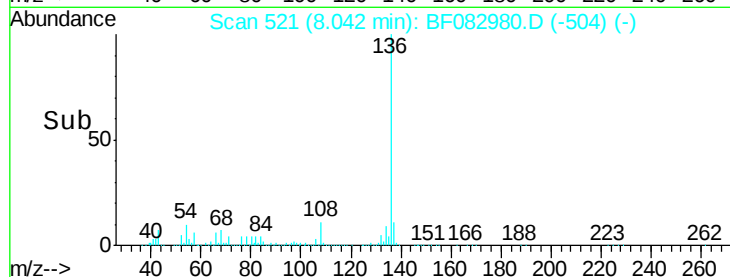
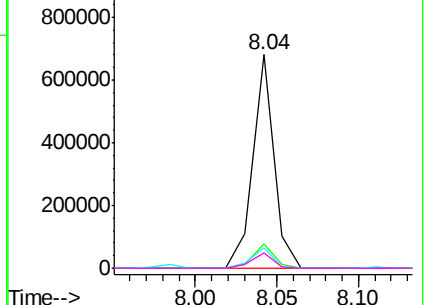


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.57 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Tgt Ion:105 Resp: 733939

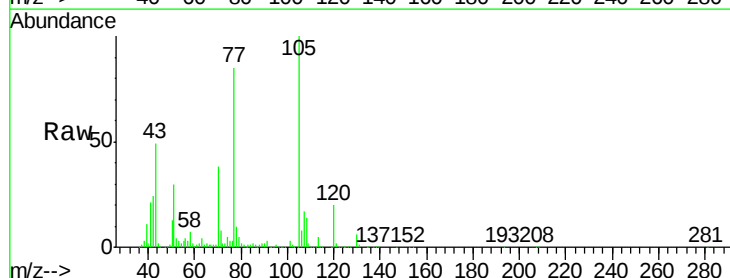
Ion Ratio Lower Upper

105 100

71 7.7 5.6 8.4

51 30.2 24.9 37.3

120 20.2 15.8 23.8

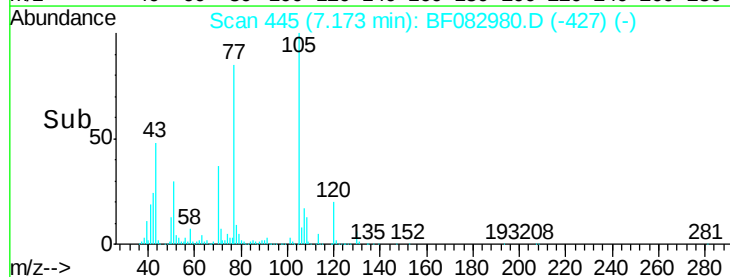
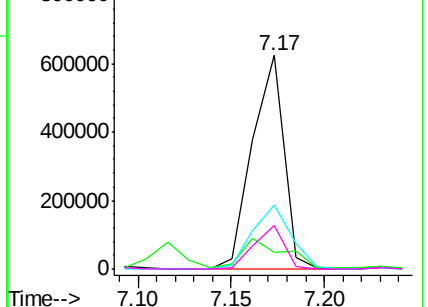


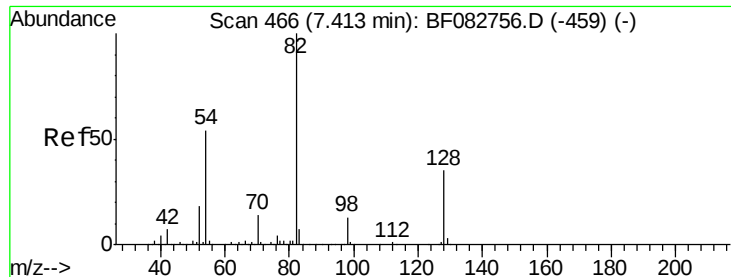
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

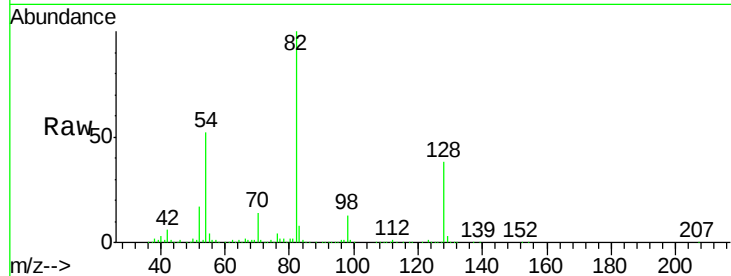




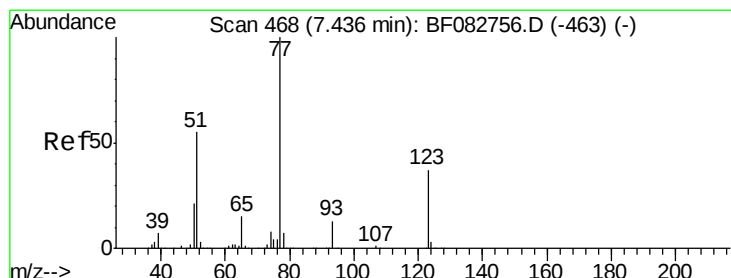
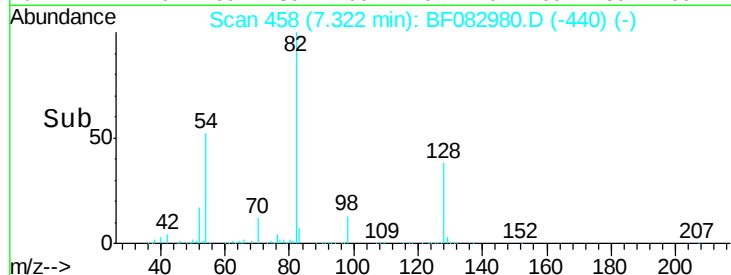
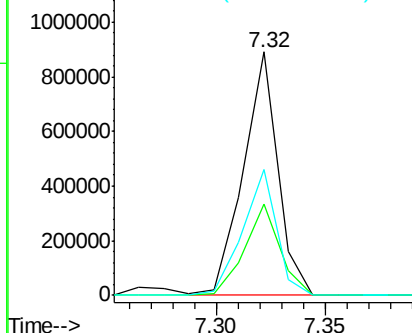
#23
 Nitrobenzene-d5
 Concen: 69.07 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	82	Resp	977994
Ion Ratio	Lower	Upper	
82	100		
128	37.7	26.8	40.2
54	51.9	45.7	68.5

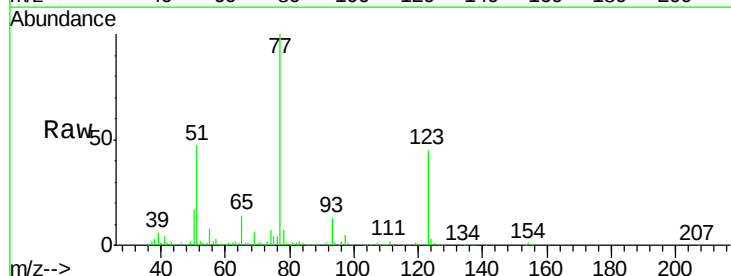


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

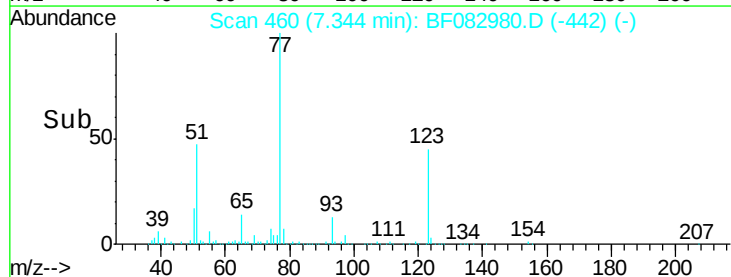
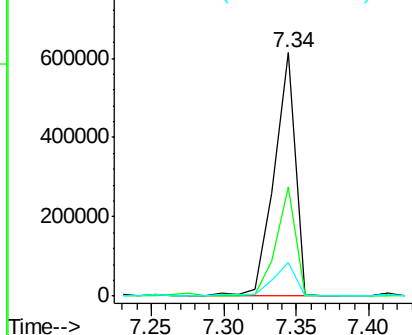


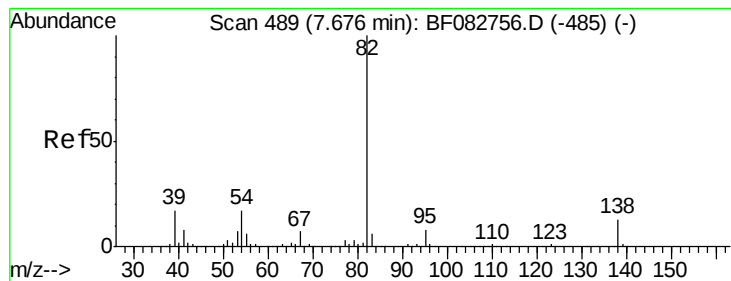
#24
 Nitrobenzene
 Concen: 42.76 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	77	Resp	619148
Ion Ratio	Lower	Upper	
77	100		
123	44.9	36.4	54.6
65	13.7	11.5	17.3



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





#25

Isophorone

Concen: 40.19 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampled :

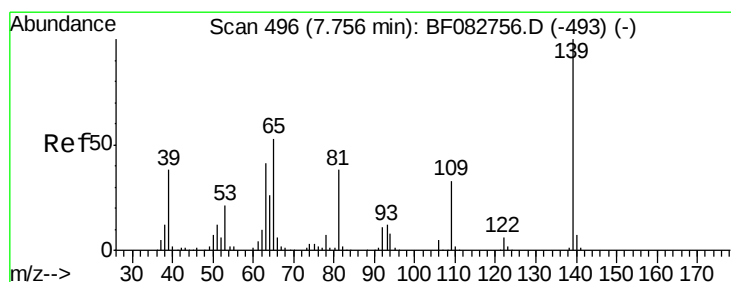
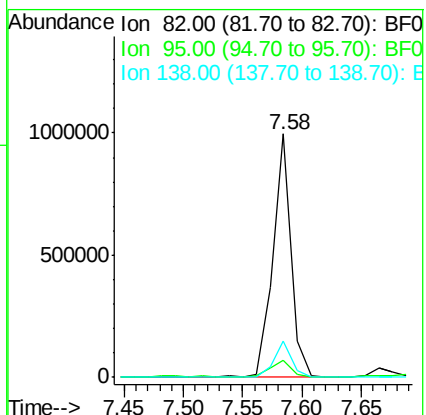
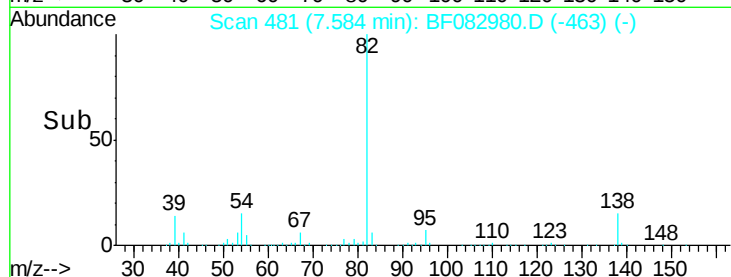
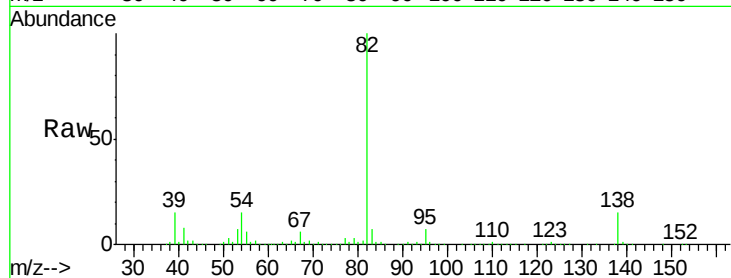
Tot Ion: 82 Resp: 1052908

Ion Ratio Lower Upper

82 100

95 7.2 6.6 9.8

138 14.9 11.4 17.0



#26

2-Nitrophenol

Concen: 40.17 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

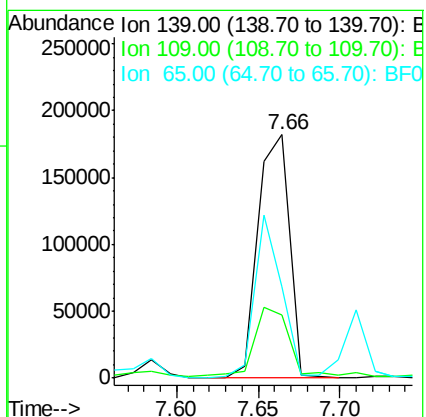
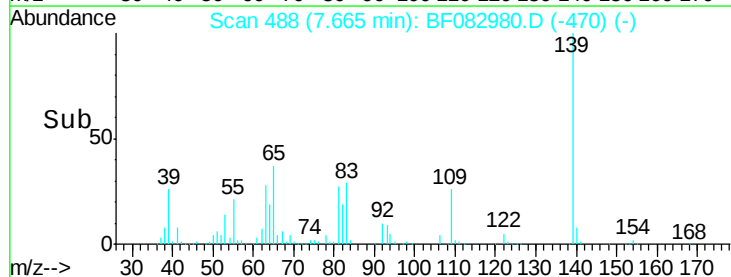
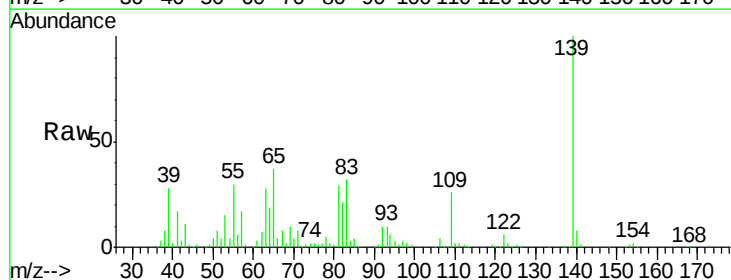
Tgt Ion: 139 Resp: 242778

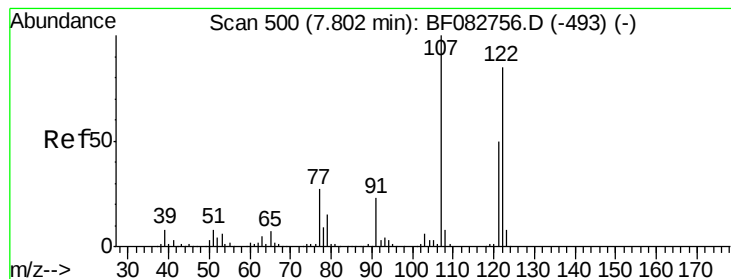
Ion Ratio Lower Upper

139 100

109 26.2 37.6 56.4#

65 37.4 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 36.37 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

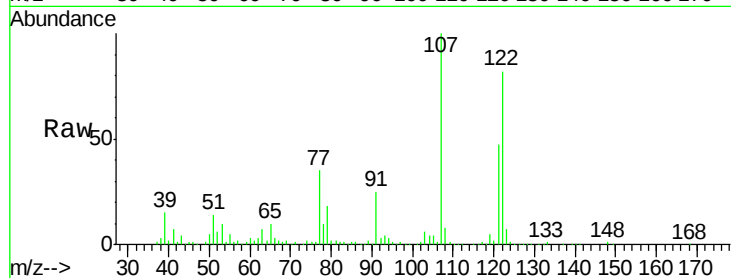
Tot Ion:122 Resp: 395018

Ion Ratio Lower Upper

122 100

107 121.8 106.0 159.0

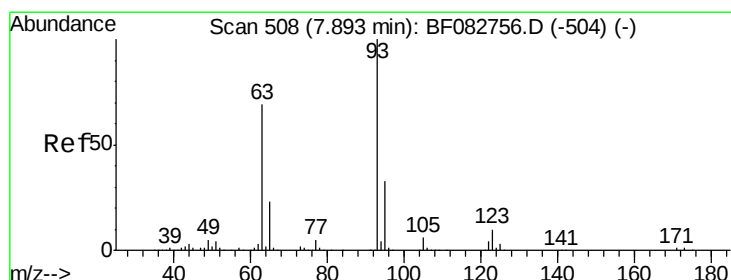
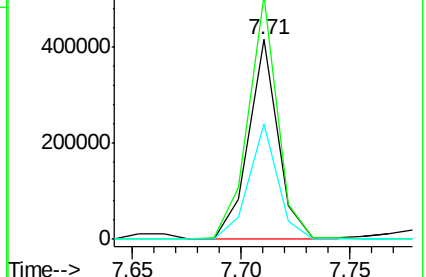
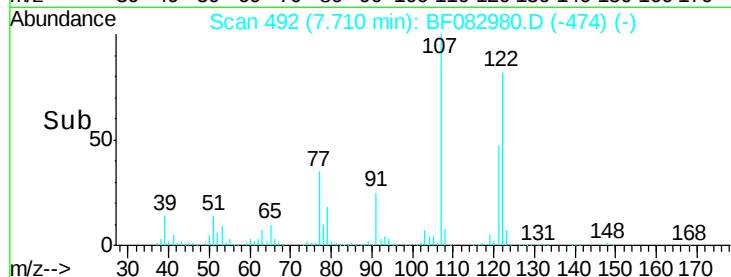
121 57.6 46.7 70.1



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: 44.34 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

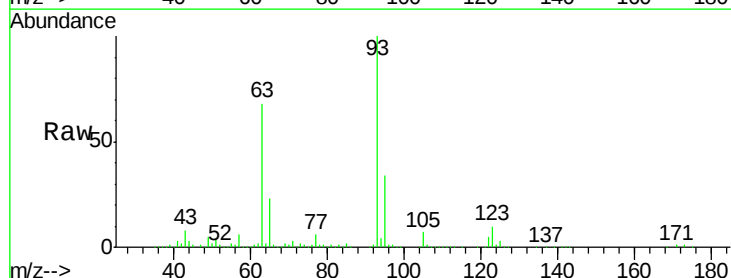
Tgt Ion: 93 Resp: 655202

Ion Ratio Lower Upper

93 100

95 34.1 26.6 40.0

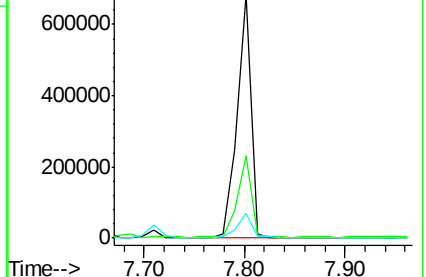
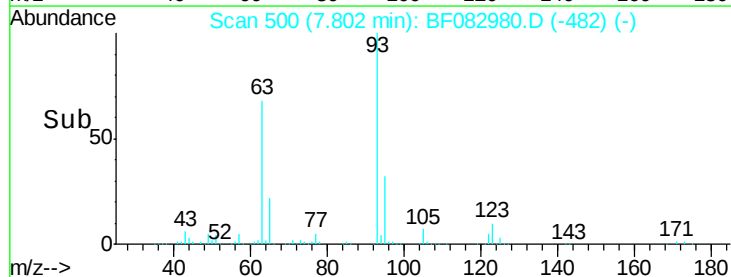
123 10.1 9.7 14.5

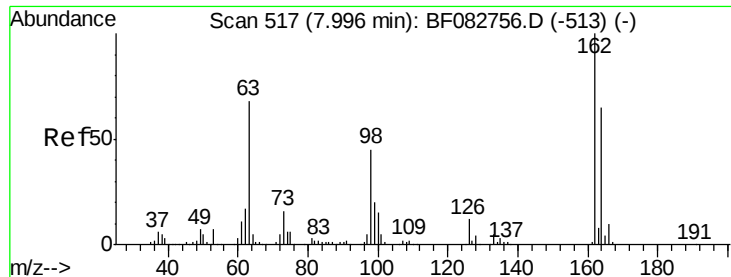


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.17 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

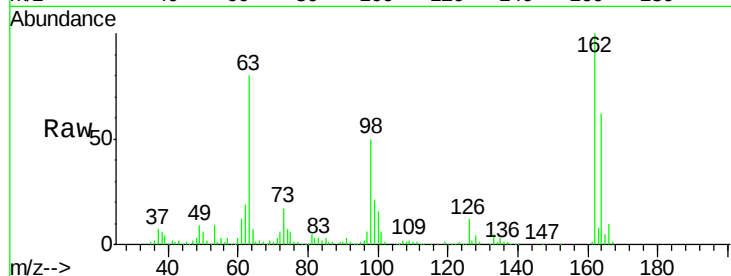
Tot Ion:162 Resp: 384466

Ion Ratio Lower Upper

162 100

164 62.5 46.8 86.8

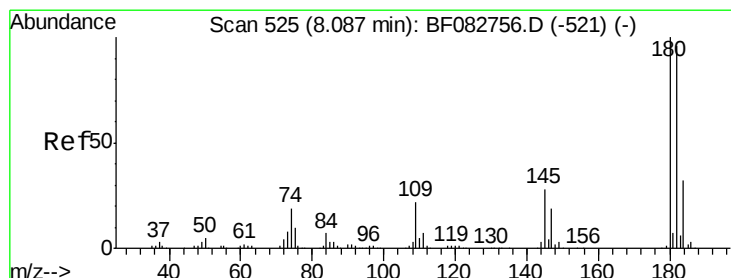
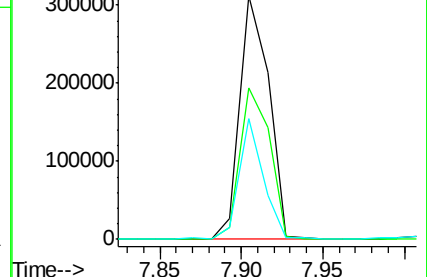
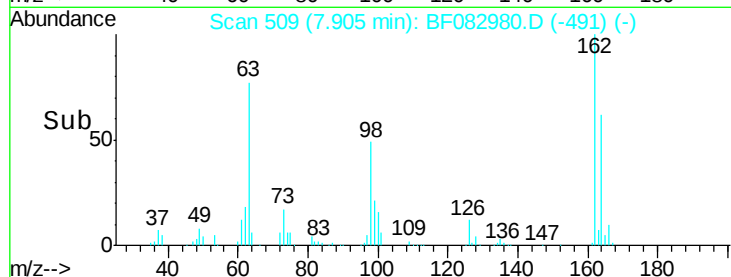
98 49.8 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 36.47 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

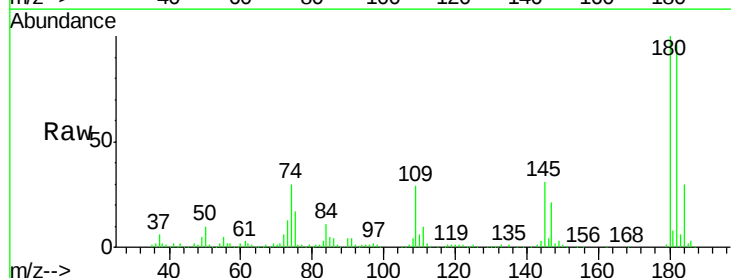
Tgt Ion:180 Resp: 402561

Ion Ratio Lower Upper

180 100

182 95.6 74.9 112.3

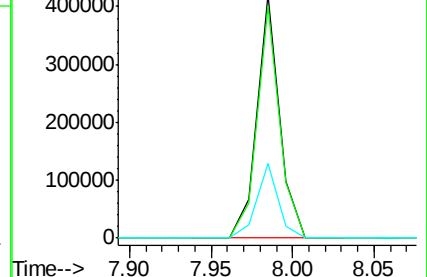
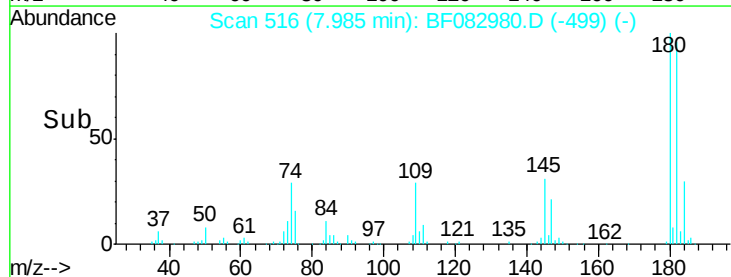
145 30.8 27.8 41.8

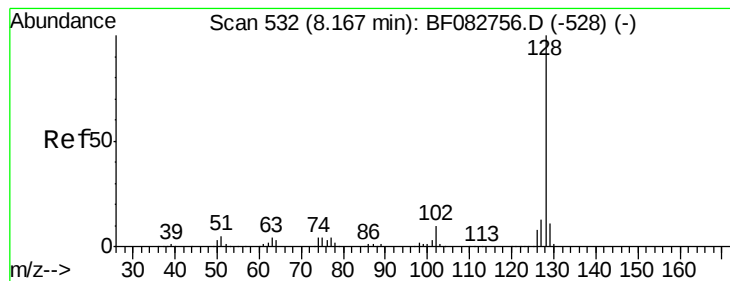


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.29 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

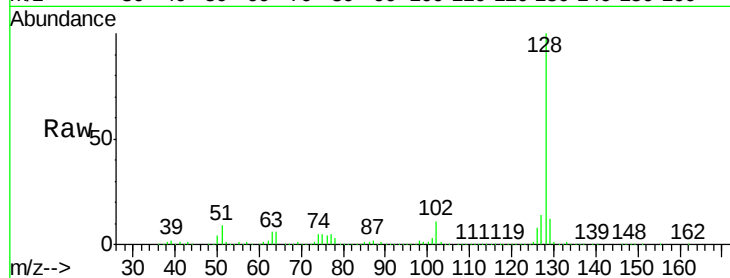
Tot Ion:128 Resp: 1301723

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

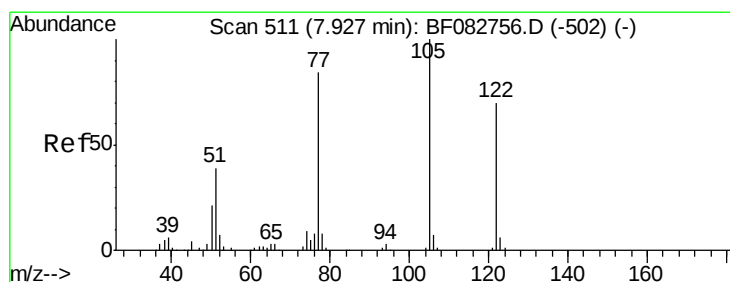
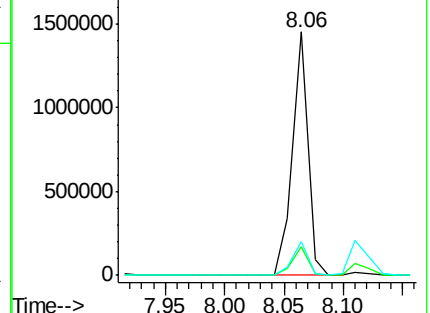
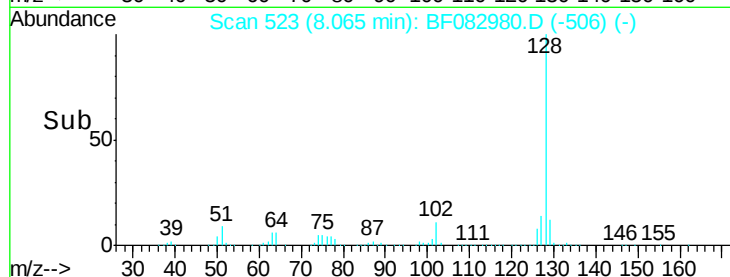
127 13.7 11.4 17.0



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: 17.21 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.11 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

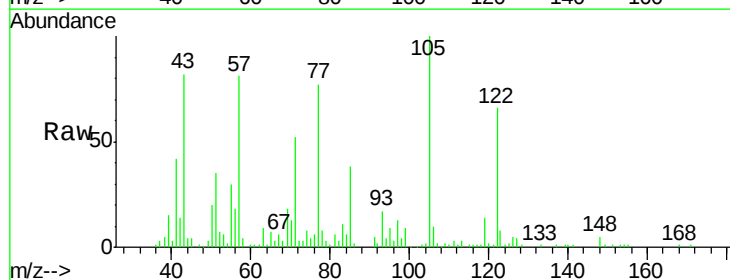
Tgt Ion:122 Resp: 127942

Ion Ratio Lower Upper

122 100

105 152.1 122.6 162.6

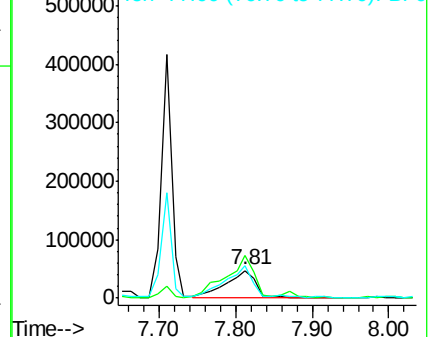
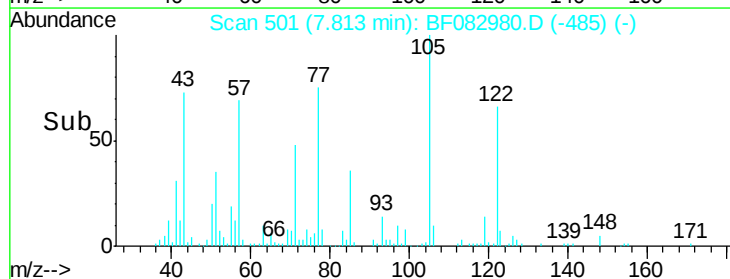
77 116.3 100.9 140.9

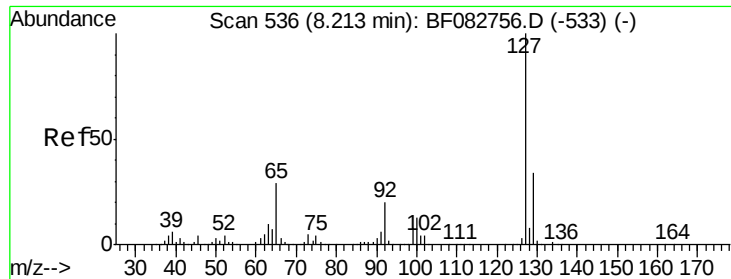


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

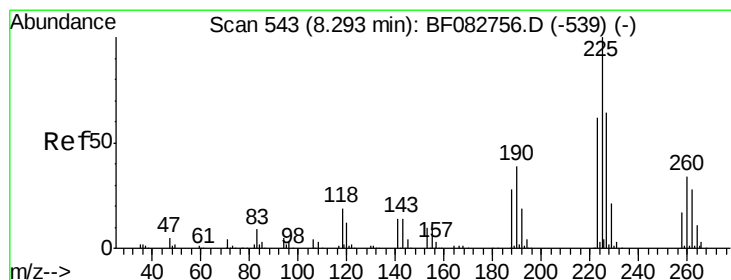
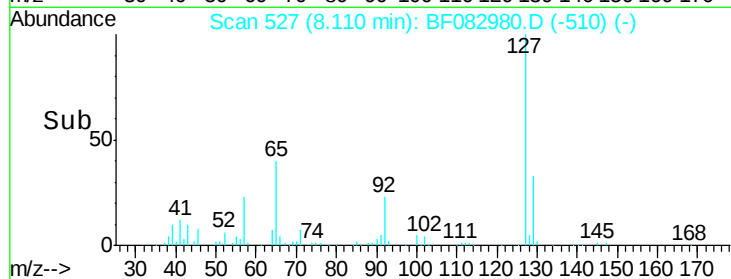
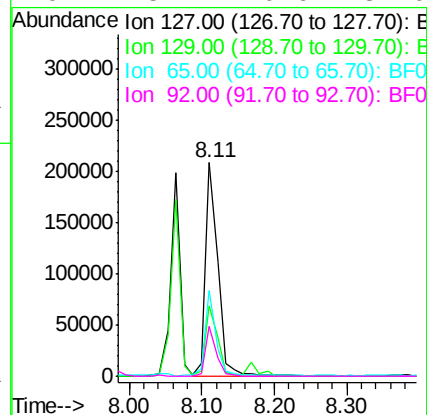
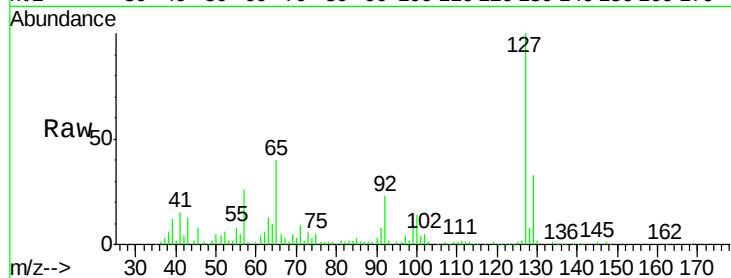




#33
4-Chloroaniline
Concen: 16.93 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

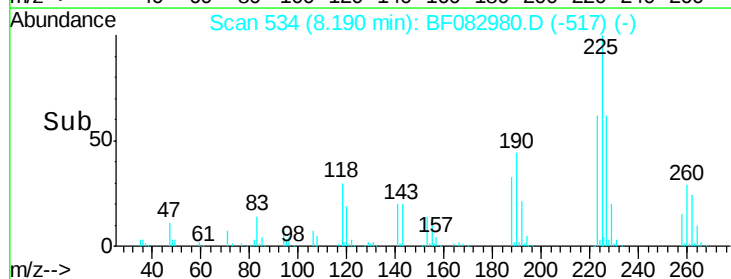
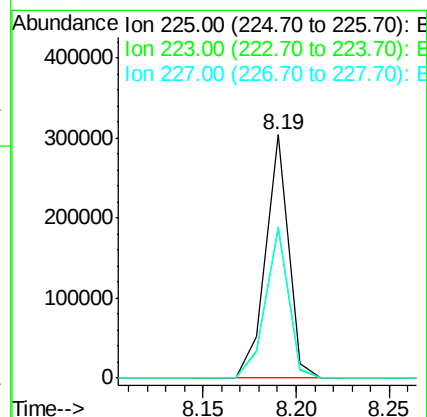
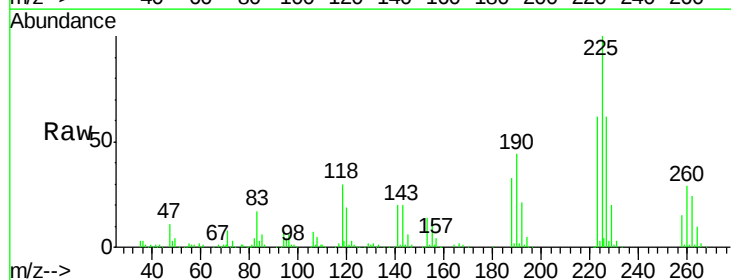
Instrument :
BNA_F
ClientSampleId :

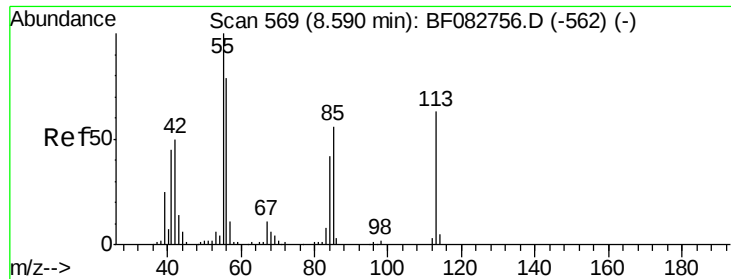
Tot Ion:	127	Resp:	247966
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	40.0	37.8	56.8
92	23.2	20.6	31.0



#34
Hexachlorobutadiene
Concen: 37.14 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion:	225	Resp:	256520
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.5	75.7
227	62.4	50.2	75.2

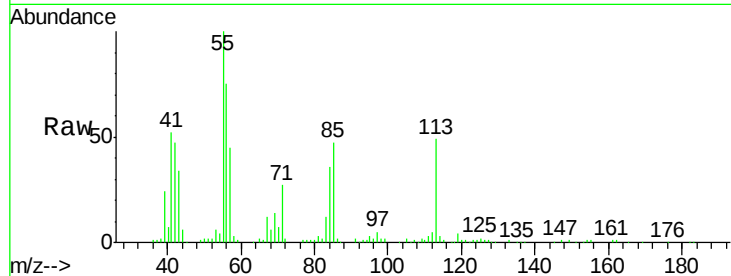




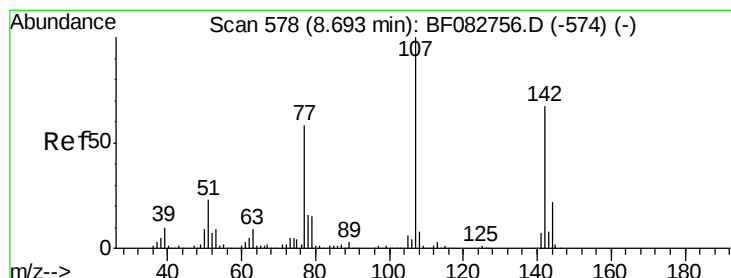
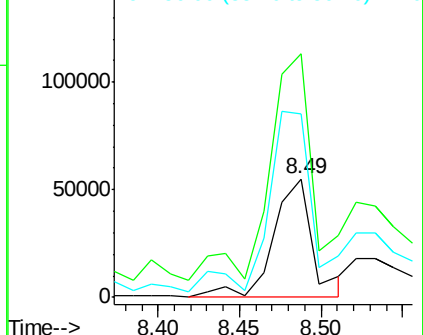
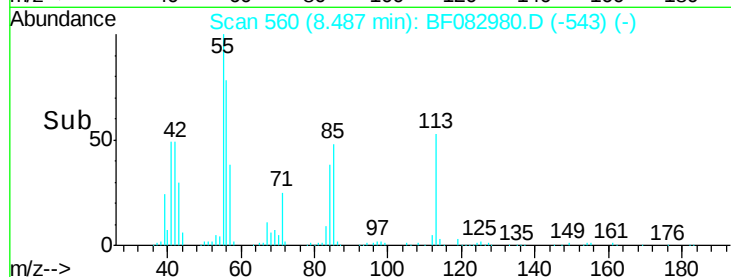
#35
 Caprolactam
 Concen: 29.97 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 92739
 Ion Ratio Lower Upper
 113 100
 55 205.0 195.5 235.5
 56 154.1 153.5 193.5

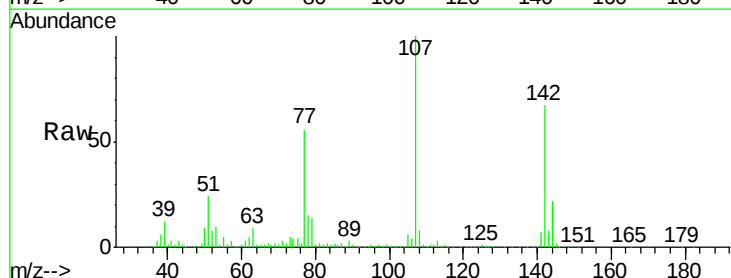


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

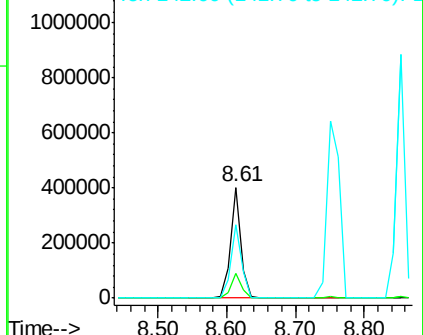
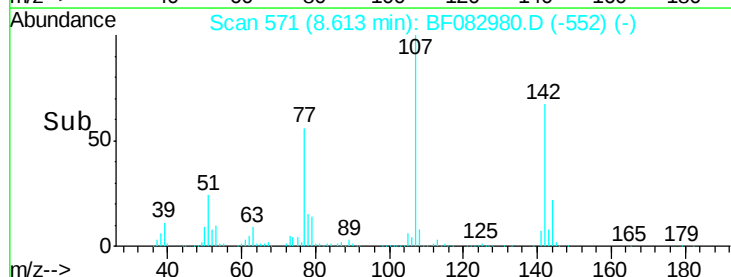


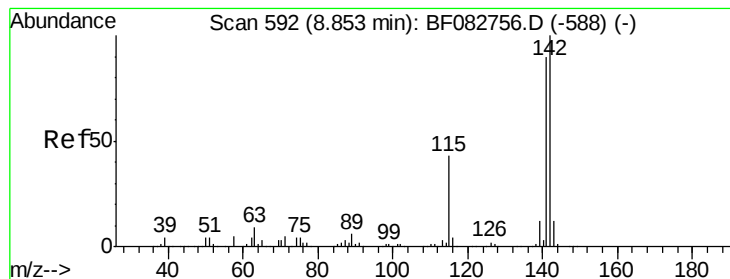
#36
 4-Chloro-3-methylphenol
 Concen: 37.13 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.08 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion:107 Resp: 428529
 Ion Ratio Lower Upper
 107 100
 144 22.0 15.4 23.0
 142 66.7 47.8 71.8



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

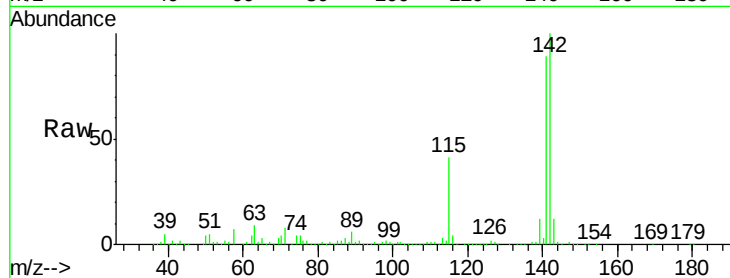




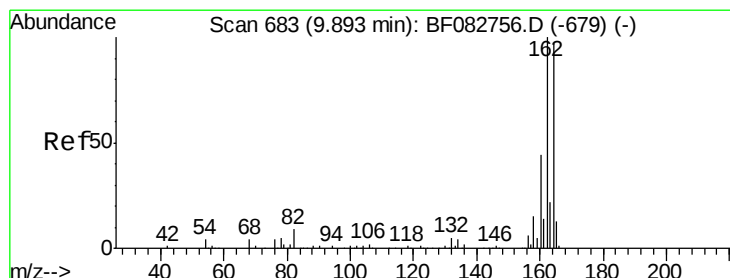
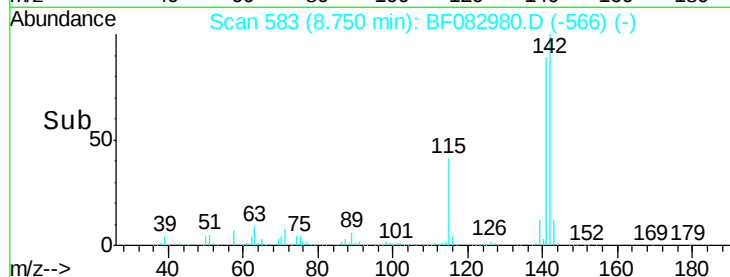
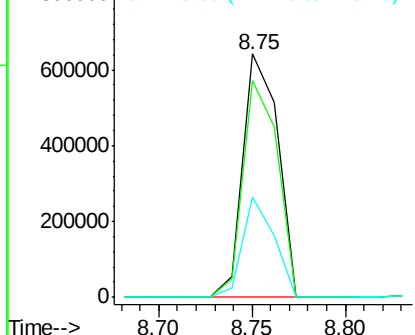
#37
2-Methylnaphthalene
Concen: 37.90 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 833347
Ion Ratio Lower Upper
142 100
141 88.9 72.3 108.5
115 41.4 38.1 57.1

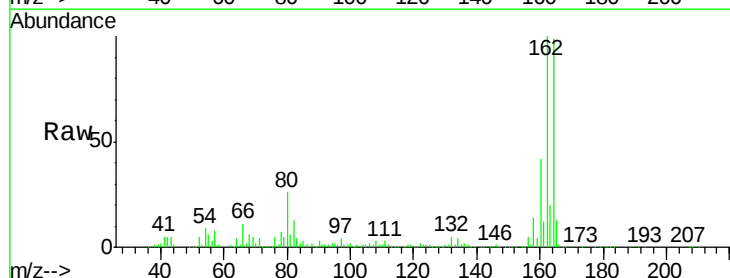


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

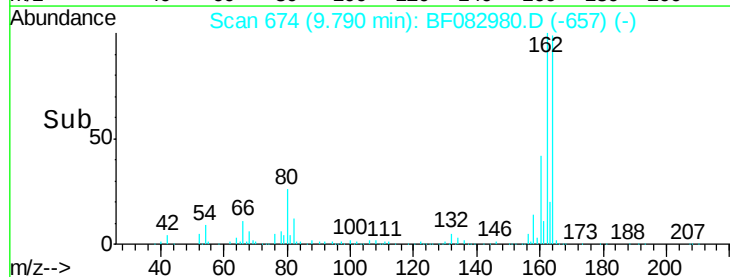
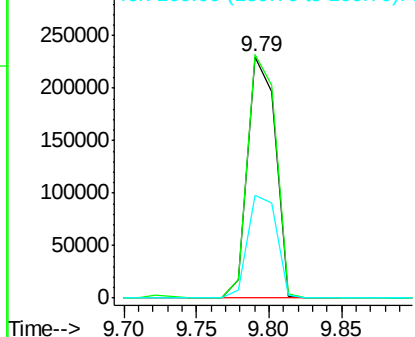


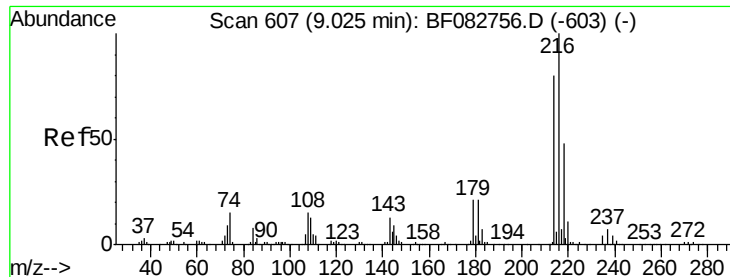
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion:164 Resp: 307049
Ion Ratio Lower Upper
164 100
162 100.9 84.9 127.3
160 42.8 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.28 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 345880

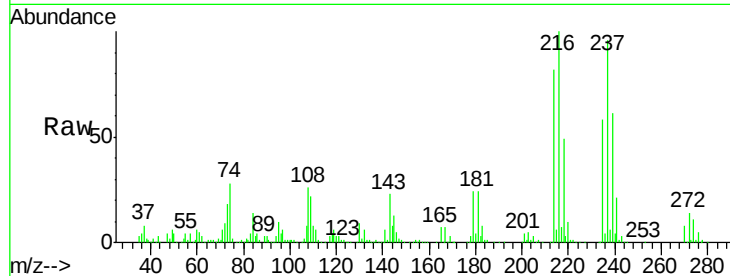
Ion Ratio Lower Upper

216 100

214 80.2 62.2 93.2

179 22.5 18.1 27.1

108 24.7 16.6 25.0

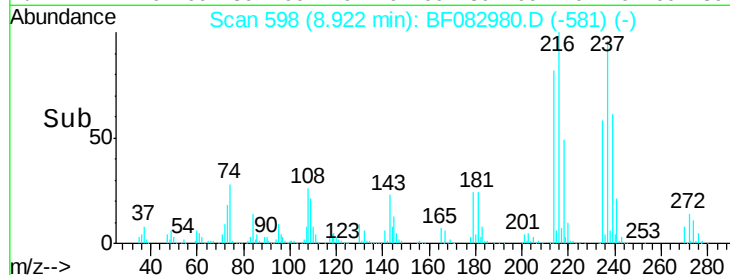


Abundance Ion 216.00 (215.70 to 216.70): E

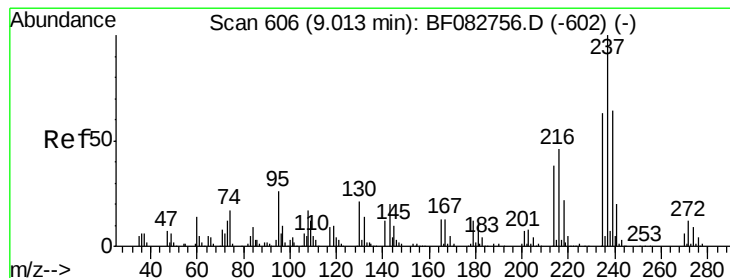
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.85 8.90 8.95



#40

Hexachlorocyclopentadiene

Concen: 82.91 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

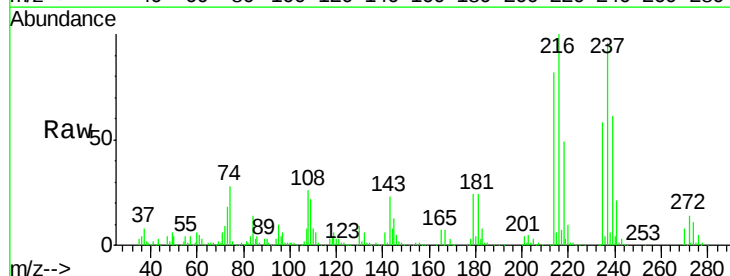
Tgt Ion:237 Resp: 449451

Ion Ratio Lower Upper

237 100

235 60.4 44.3 84.3

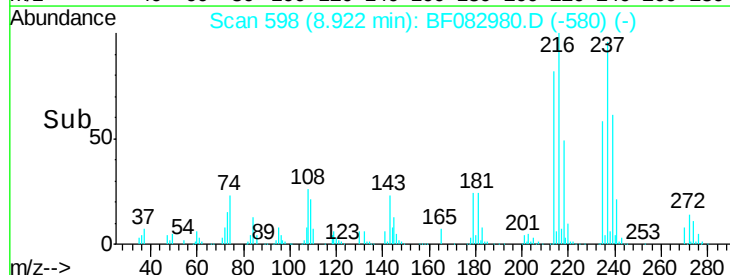
272 14.9 0.0 31.9



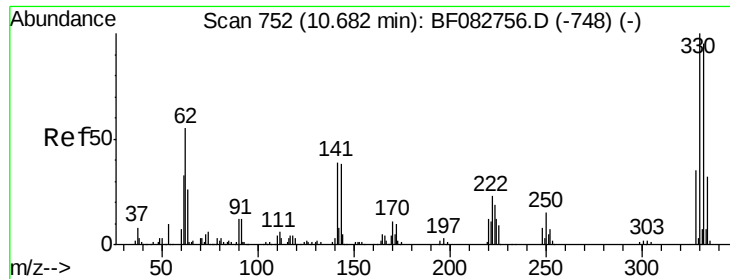
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



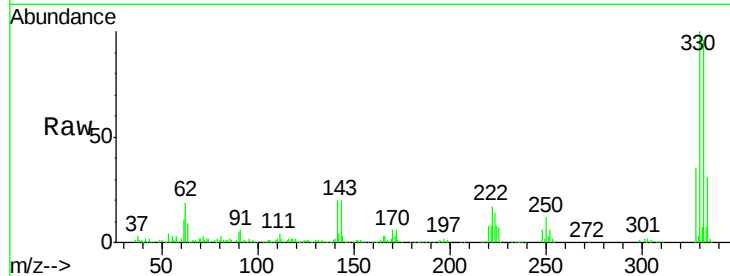
Time--> 8.85 8.90 8.95



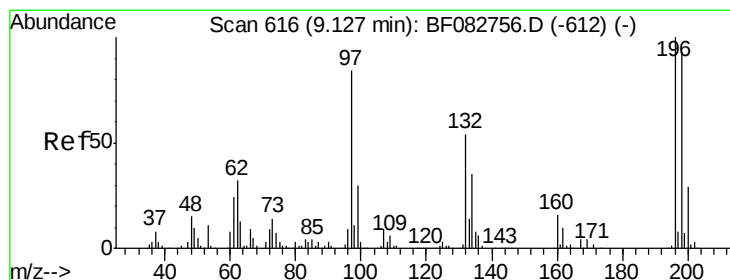
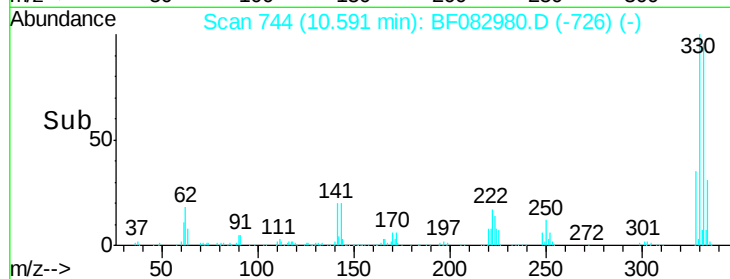
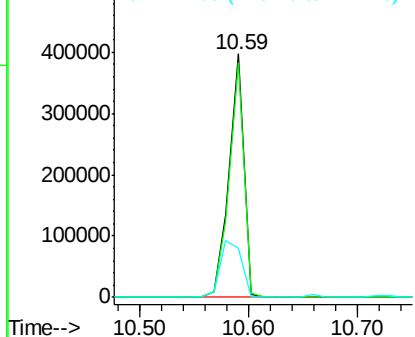
#41
 2,4,6-Tribromophenol
 Concen: 107.64 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	33.4	41.2	61.8#

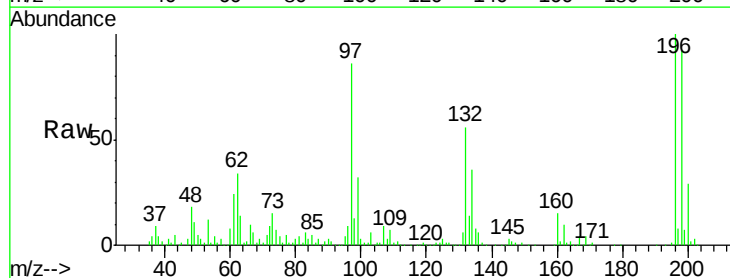


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

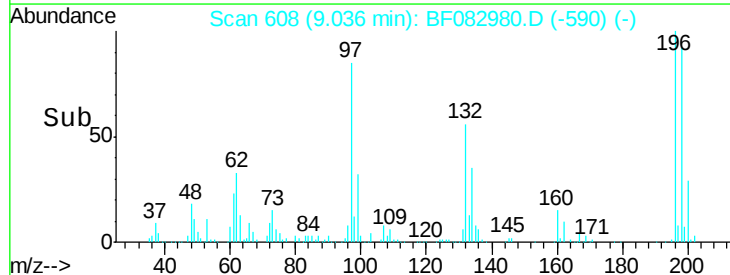
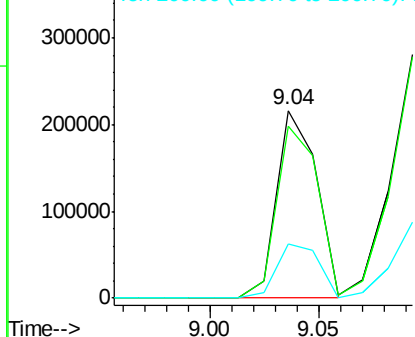


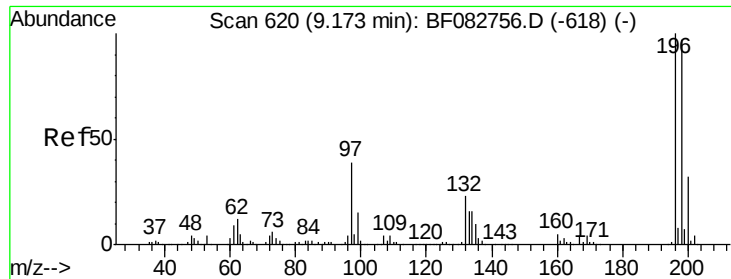
#42
 2,4,6-Trichlorophenol
 Concen: 37.01 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.9	76.3	114.5
200	28.9	23.9	35.9



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

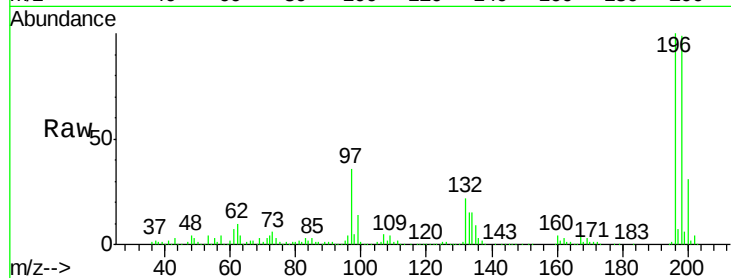




#43
 2,4,5-Trichlorophenol
 Concen: 40.03 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.08 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.0	75.8	113.8
97	36.1	62.3	93.5#
132	22.3	27.4	41.2#



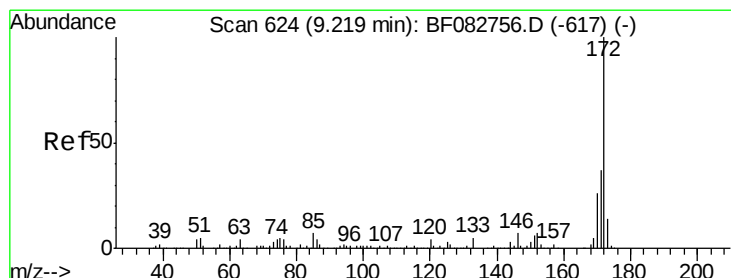
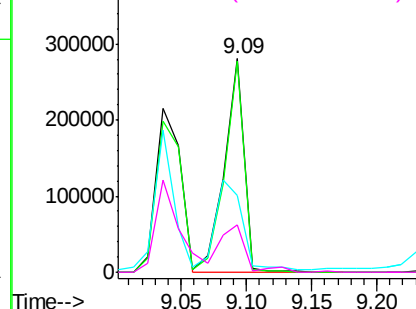
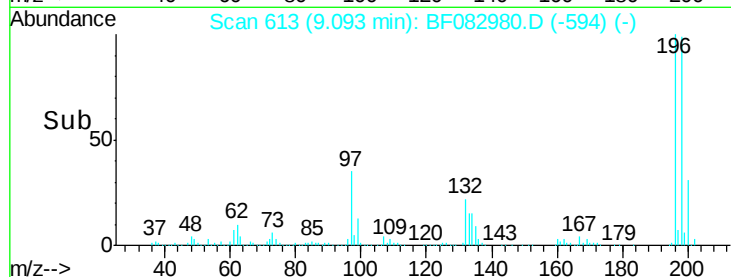
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

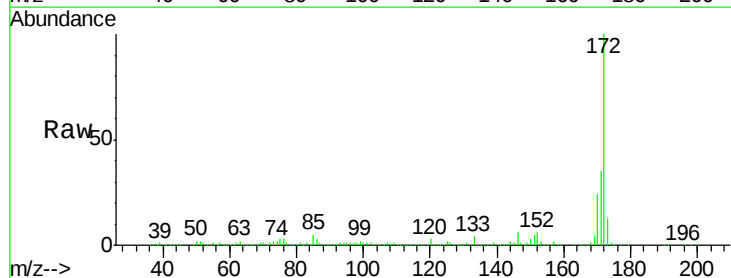
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.92 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.8	46.2
170	24.4	21.2	31.8

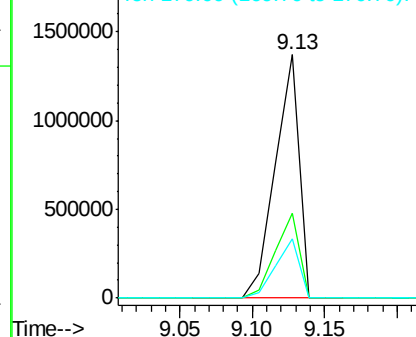
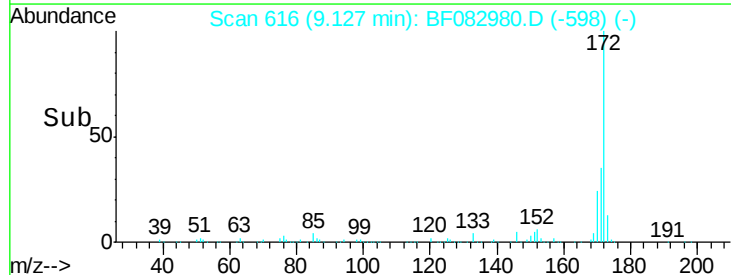


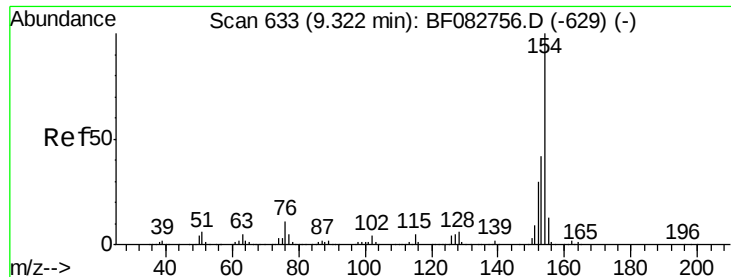
Abundance

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

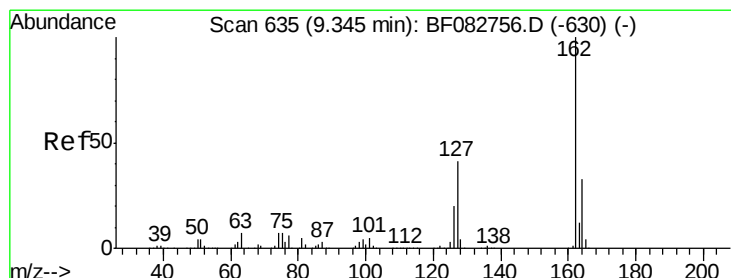
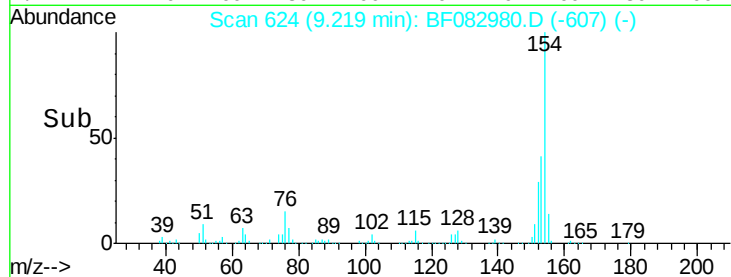
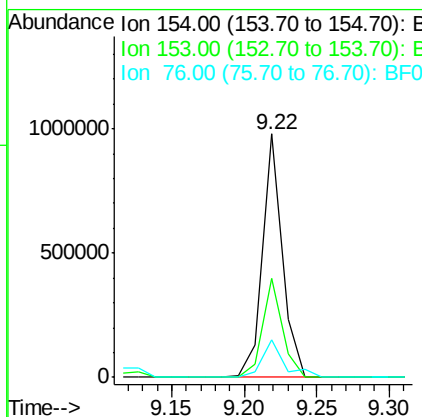
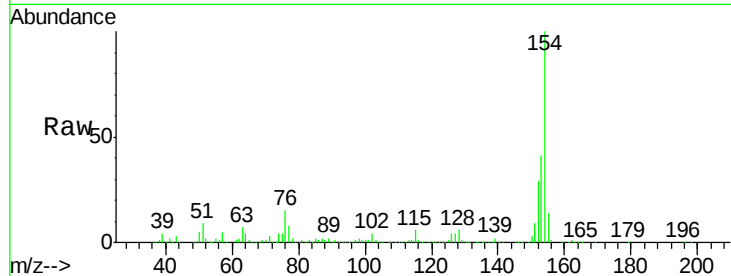




#45
 1,1'-Biphenyl
 Concen: 35.22 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

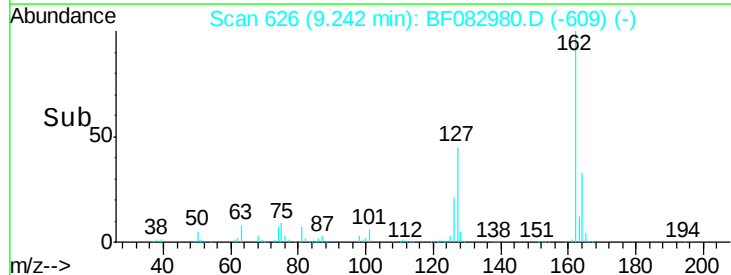
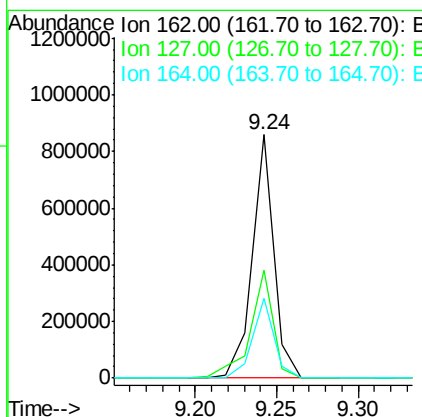
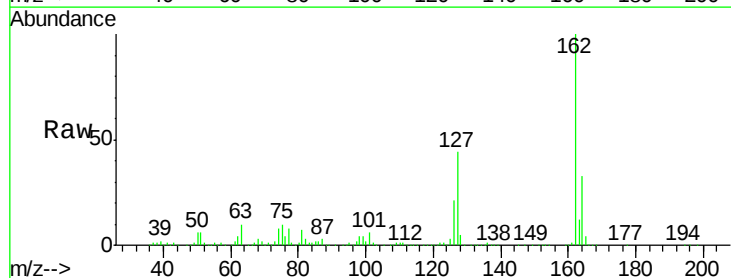
Instrument :
 BNA_F
 ClientSampled :

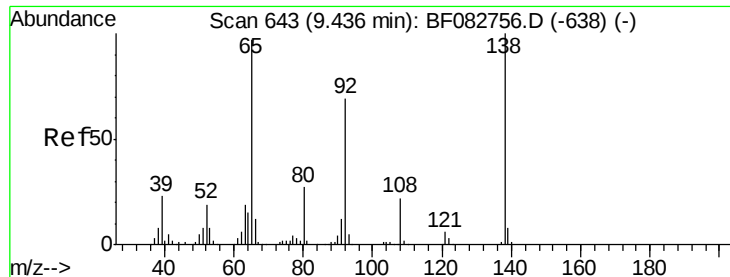
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	22.0	62.0
76	15.4	0.0	29.0



#46
 2-Chloronaphthalene
 Concen: 38.15 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.1	32.7	49.1
164	32.8	27.4	41.0





#47

2-Nitroaniline

Concen: 43.74 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

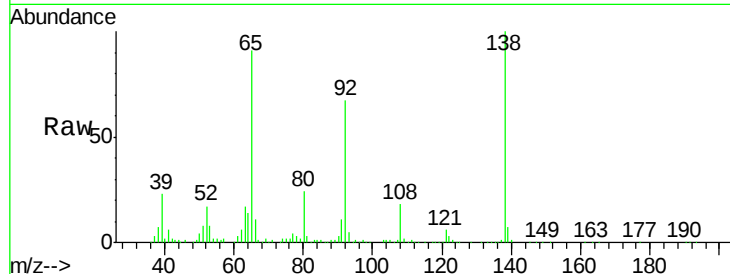
Tot Ion: 65 Resp: 333505

Ion Ratio Lower Upper

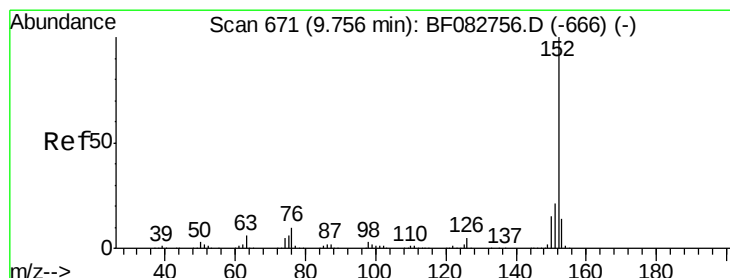
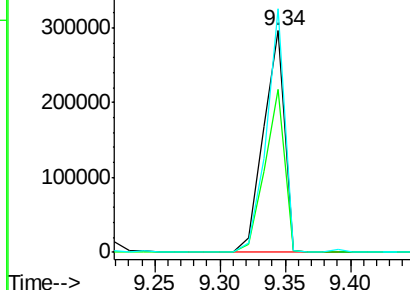
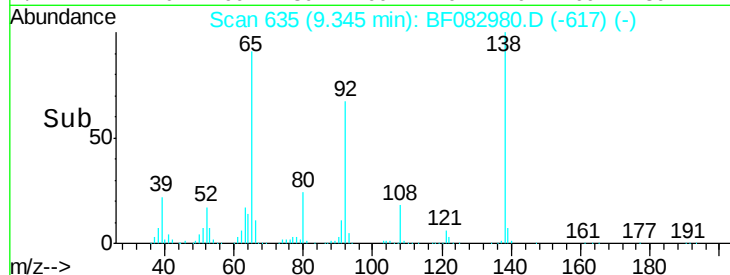
65 100

92 73.6 46.6 70.0#

138 109.8 54.6 81.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 37.92 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

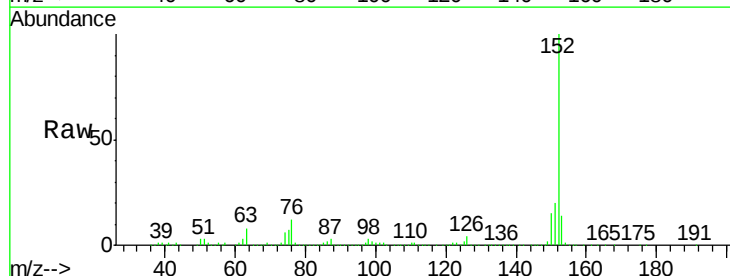
Tgt Ion: 152 Resp: 1221316

Ion Ratio Lower Upper

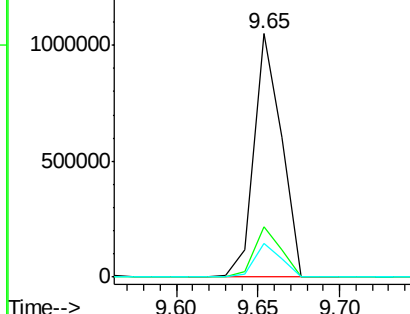
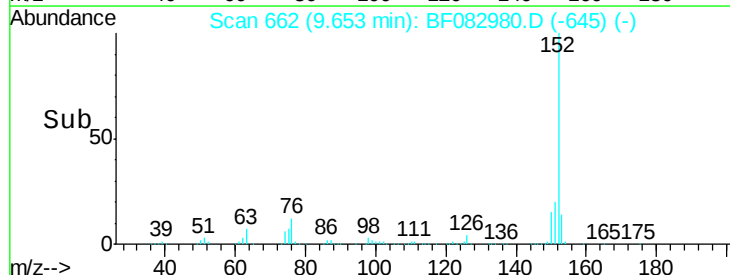
152 100

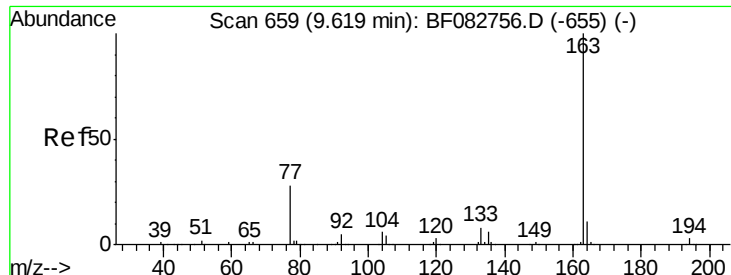
151 20.5 17.3 25.9

153 13.7 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

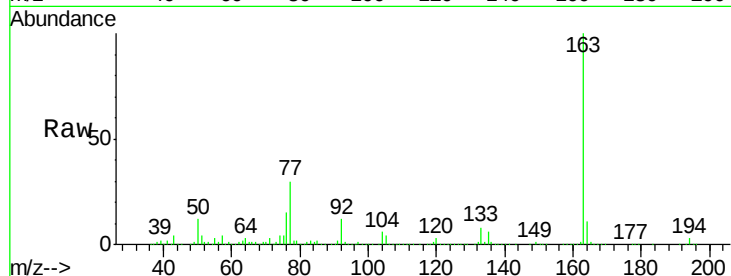




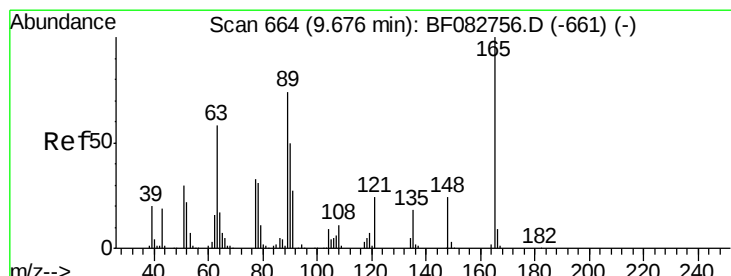
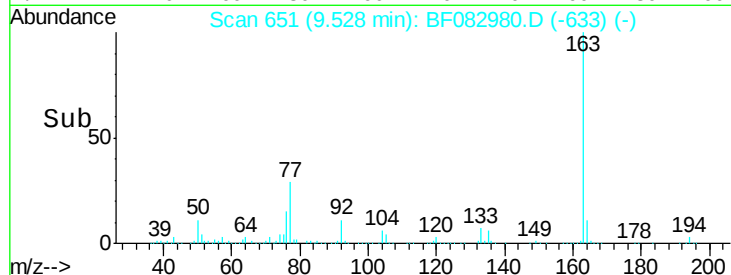
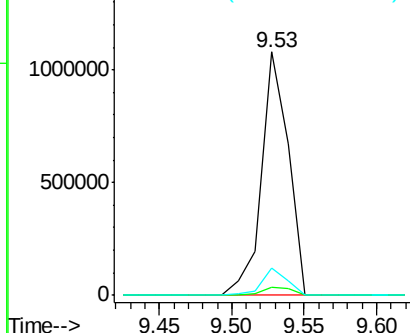
#49
Dimethylphthalate
Concen: 54.75 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1377427
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 11.0 8.7 13.1

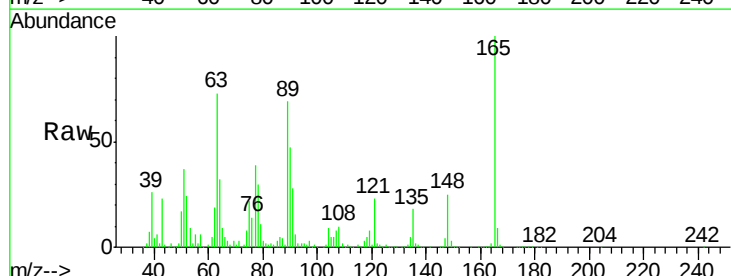


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

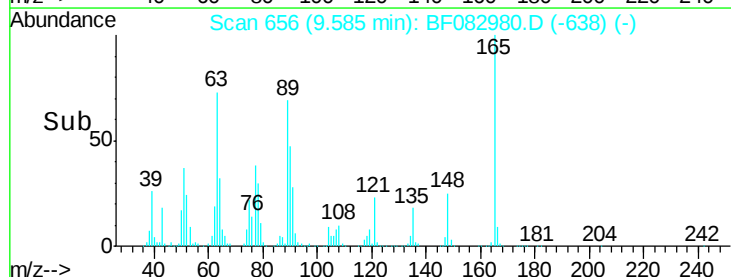
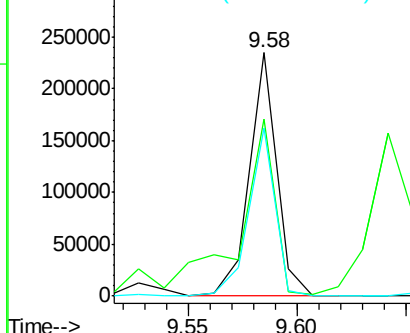


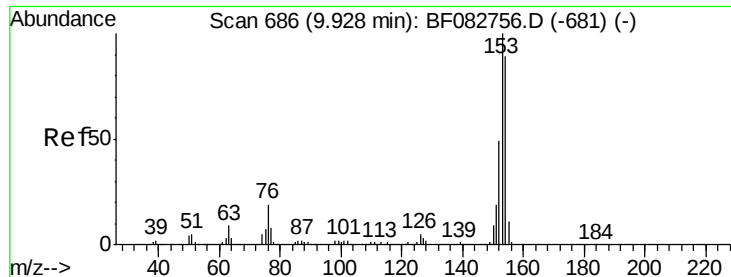
#50
2,6-Dinitrotoluene
Concen: 38.24 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion:165 Resp: 205264
Ion Ratio Lower Upper
165 100
63 73.0 55.5 83.3
89 69.1 55.0 82.6



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: 41.76 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

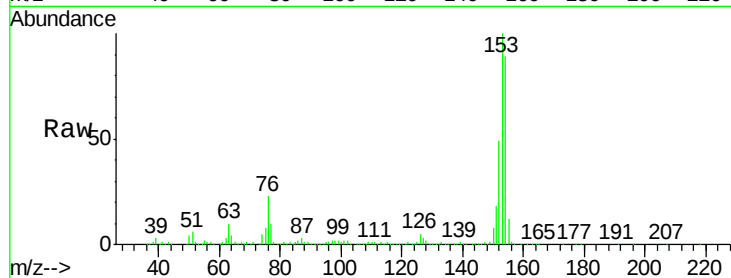
Tot Ion:154 Resp: 852446

Ion Ratio Lower Upper

154 100

153 112.1 90.1 135.1

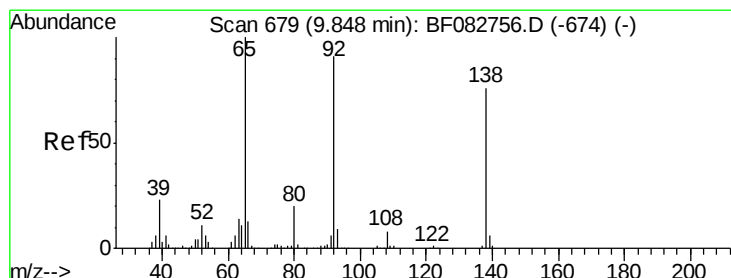
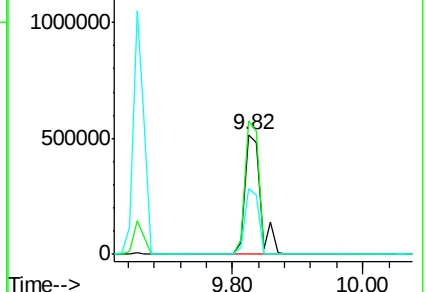
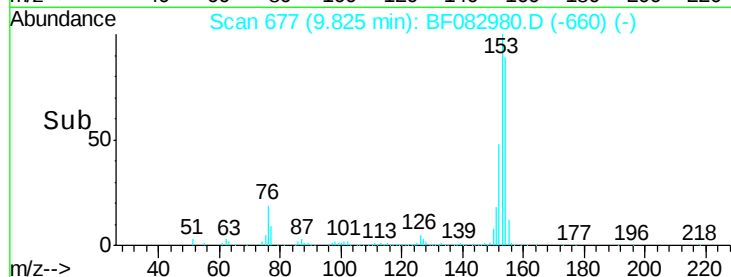
152 54.7 44.3 66.5



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: 27.71 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

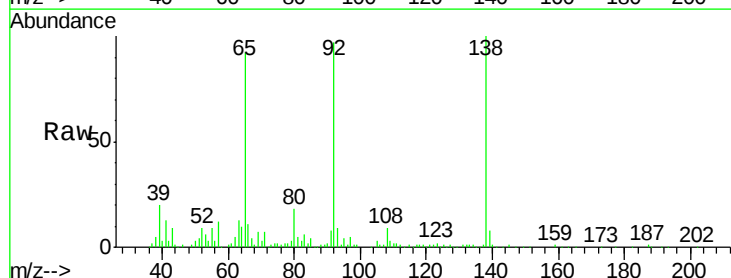
Tgt Ion:138 Resp: 163588

Ion Ratio Lower Upper

138 100

108 9.3 11.3 16.9#

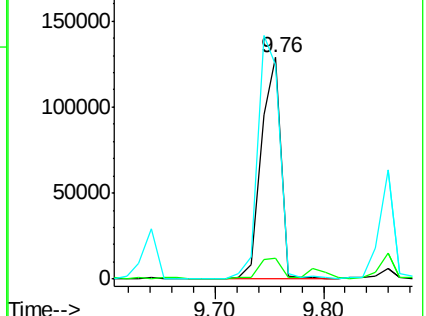
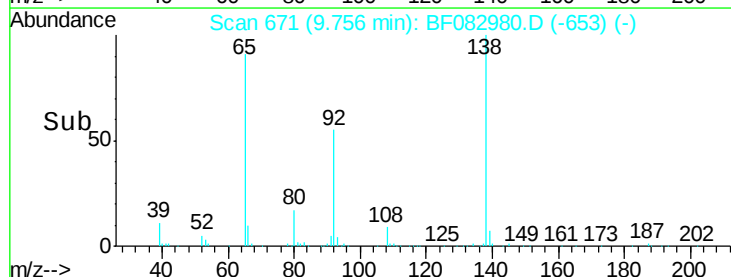
92 96.7 122.4 183.6#

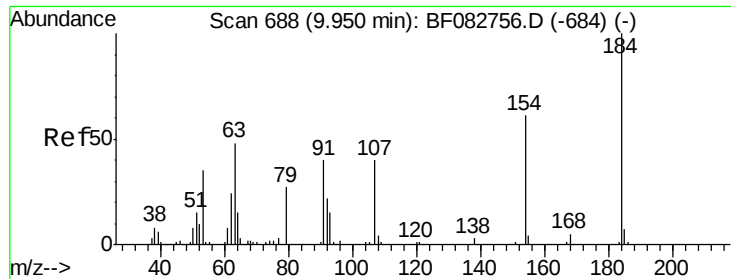


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

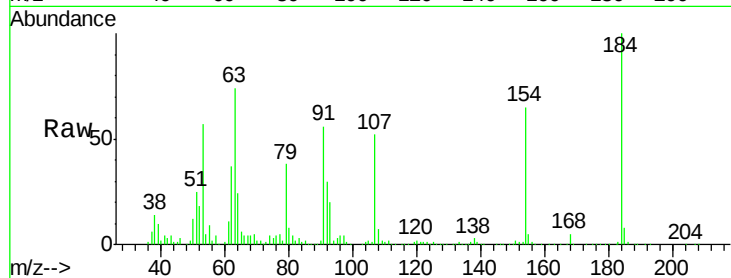




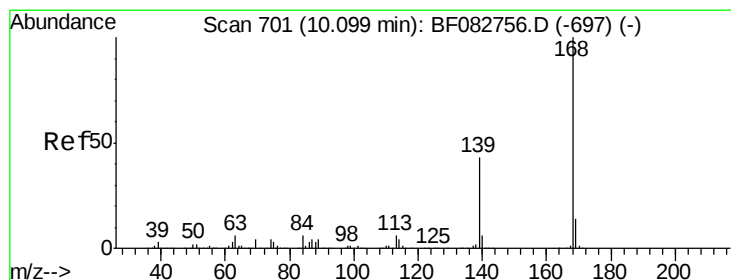
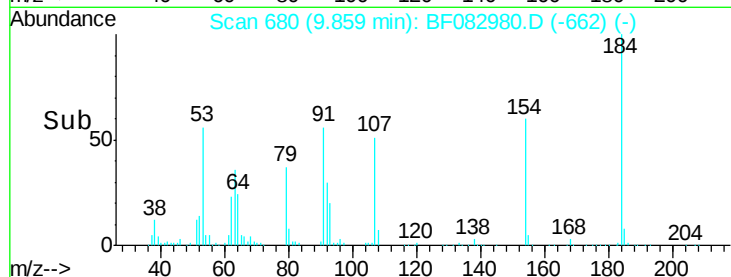
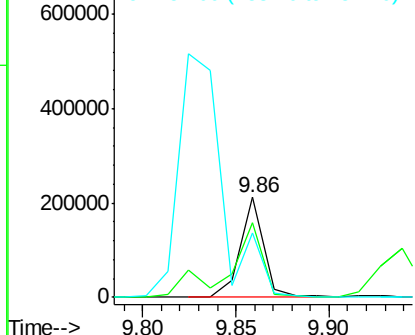
#53
2,4-Dinitrophenol
Concen: 63.65 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 187596
Ion Ratio Lower Upper
184 100
63 74.3 98.6 148.0#
154 64.7 183.9 275.9#

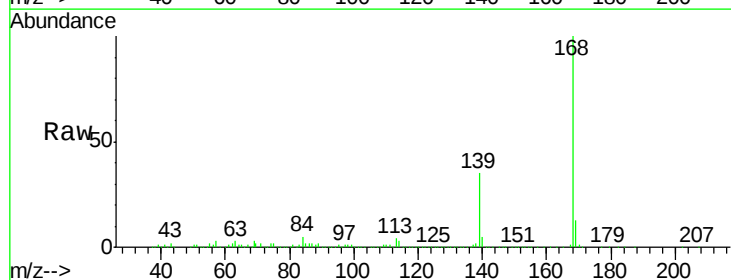


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

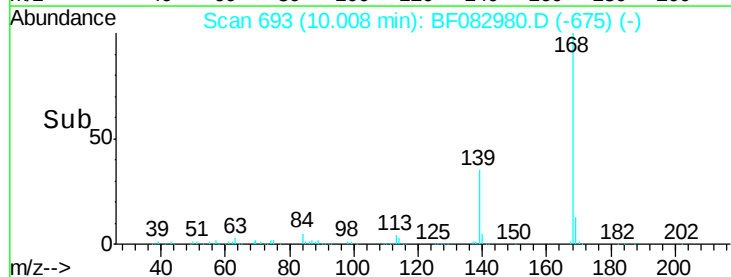
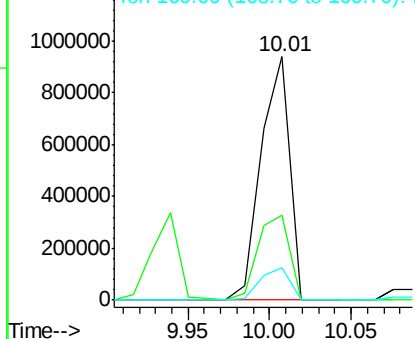


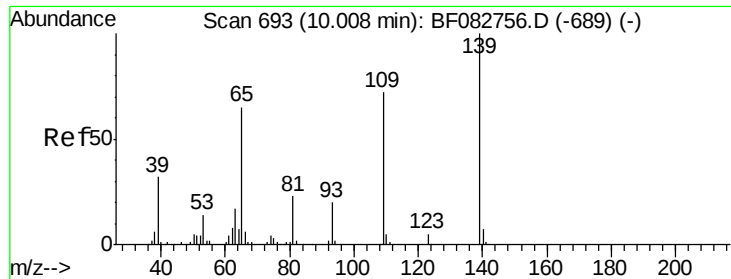
#54
Dibenzofuran
Concen: 41.40 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion:168 Resp: 1139551
Ion Ratio Lower Upper
168 100
139 34.7 37.8 56.6#
169 13.1 11.3 16.9



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

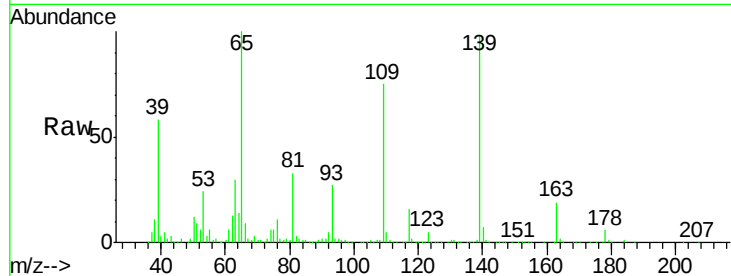




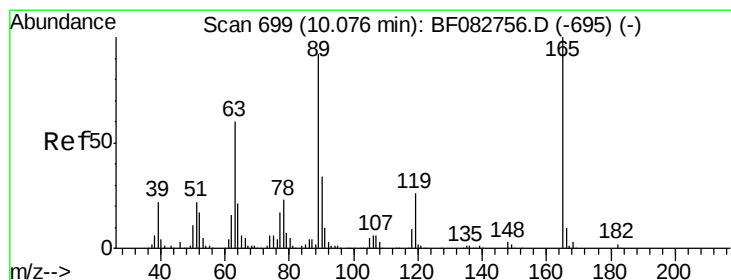
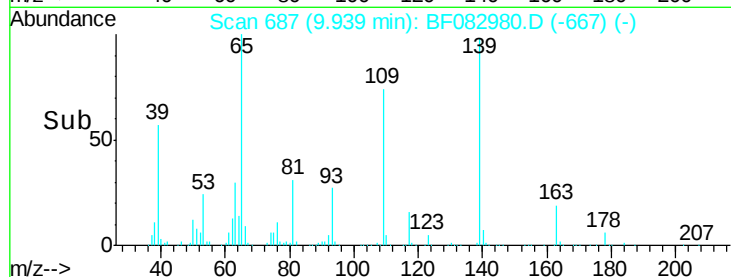
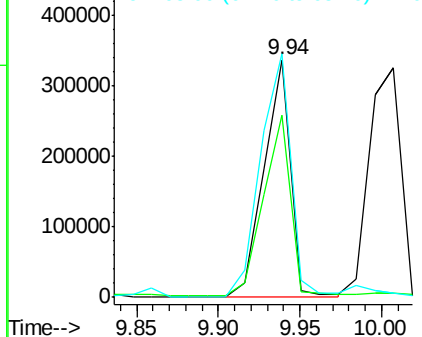
#55
4-Nitrophenol
Concen: 84.14 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.4	73.7	113.7
65	102.4	82.9	122.9



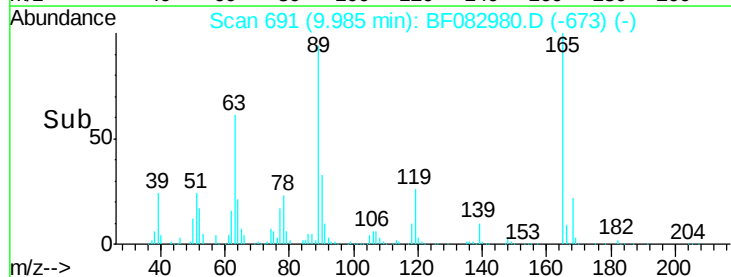
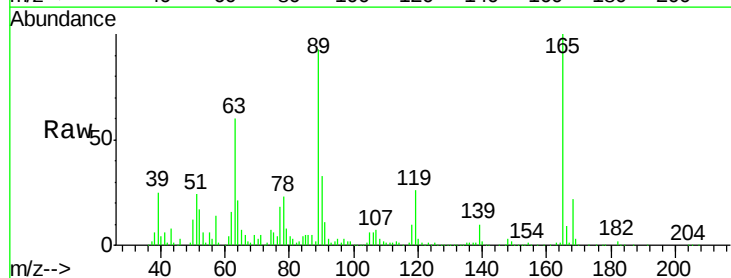
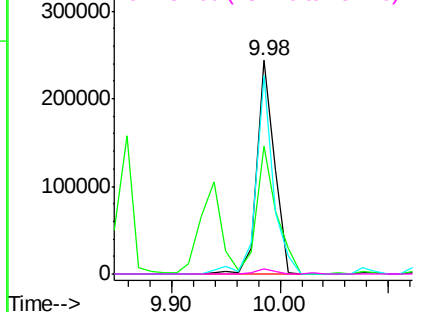
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

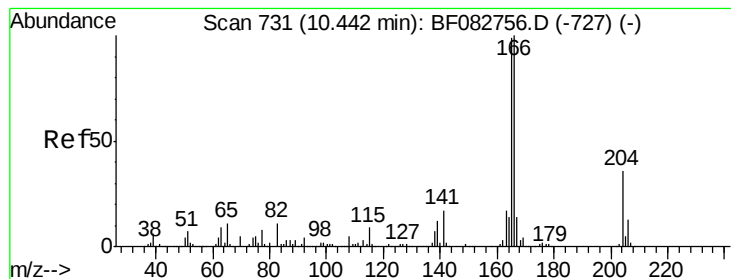


#56
2,4-Dinitrotoluene
Concen: 37.29 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.1	43.4	65.0
89	92.9	70.6	106.0
182	2.2	1.5	2.3

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: 38.58 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

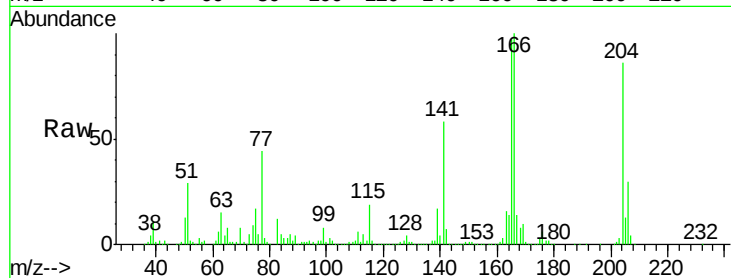
Tot Ion:166 Resp: 859816

Ion Ratio Lower Upper

166 100

165 97.2 80.2 120.4

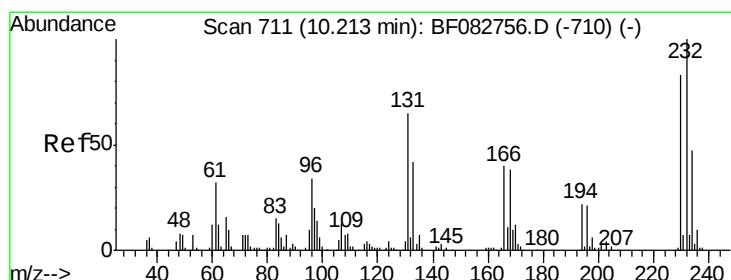
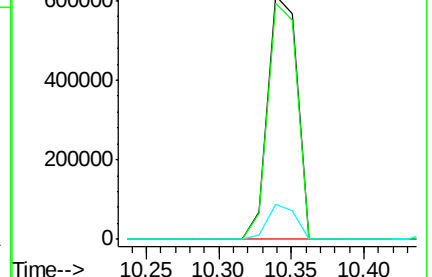
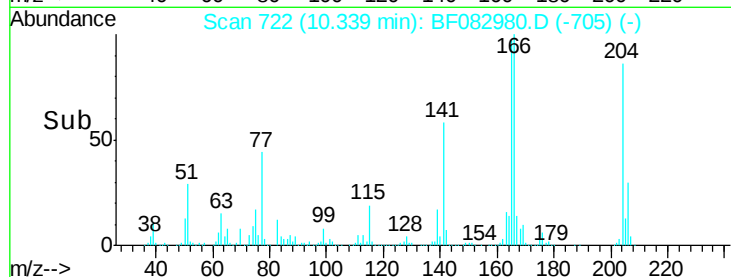
167 14.2 11.2 16.8



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: 39.84 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Tgt Ion:232 Resp: 242236

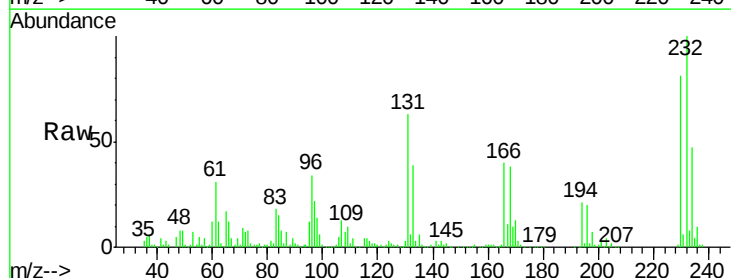
Ion Ratio Lower Upper

232 100

131 43.6 46.2 69.2#

130 2.4 2.4 3.6

166 30.7 28.2 42.2

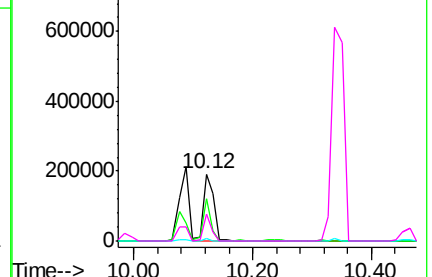
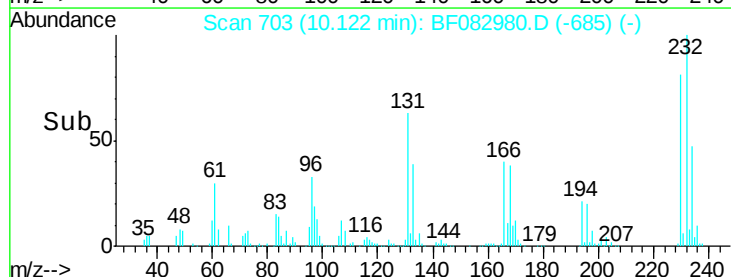


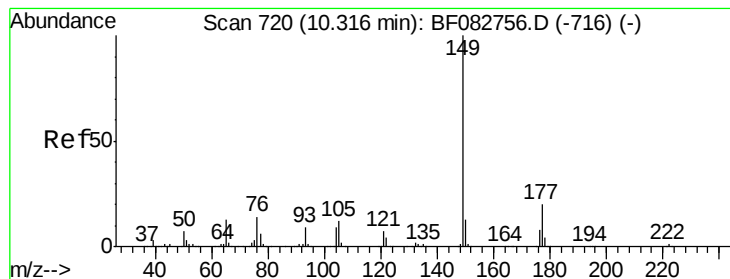
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.62 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.08 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampled :

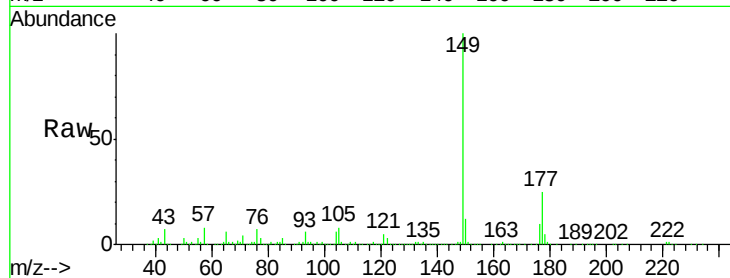
Tot Ion:149 Resp: 973240

Ion Ratio Lower Upper

149 100

177 25.1 17.9 26.9

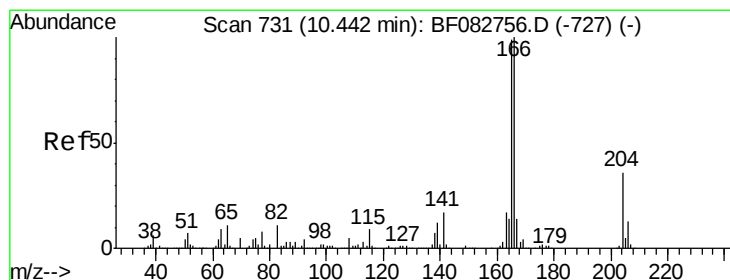
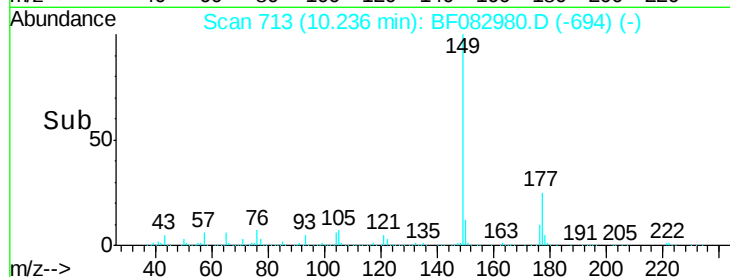
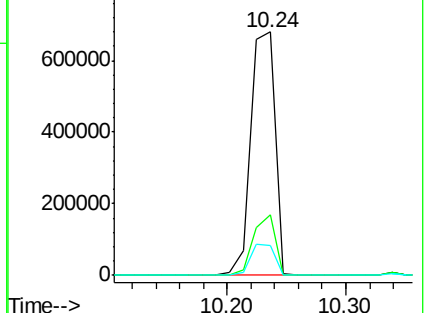
150 12.2 10.1 15.1



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: 38.01 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

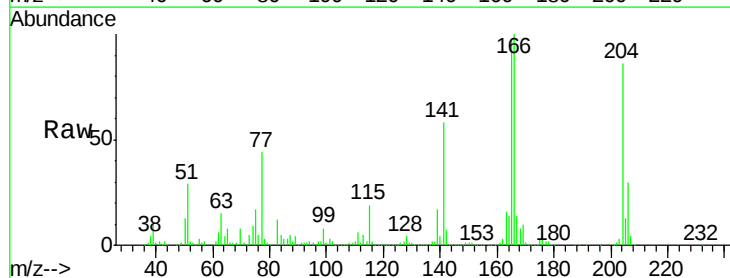
Tgt Ion:204 Resp: 423948

Ion Ratio Lower Upper

204 100

206 35.2 28.5 42.7

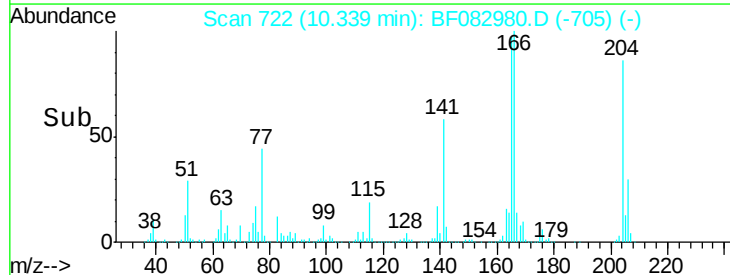
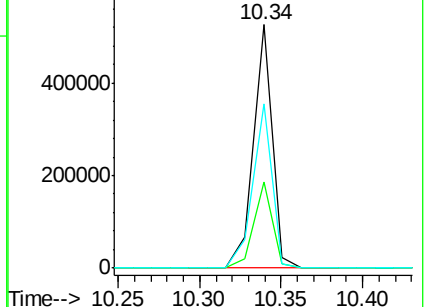
141 67.4 44.6 66.8#

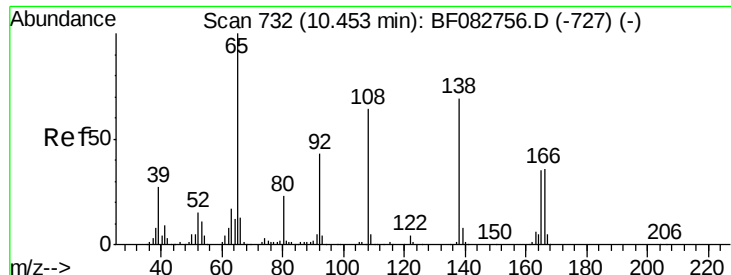


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

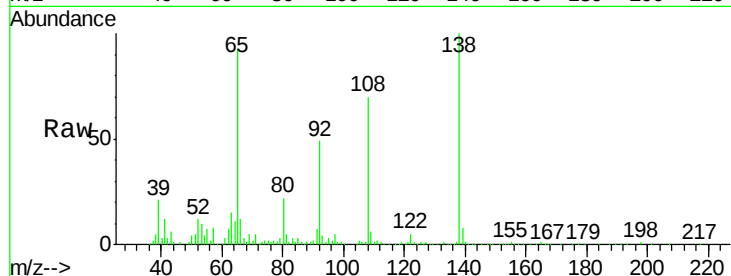




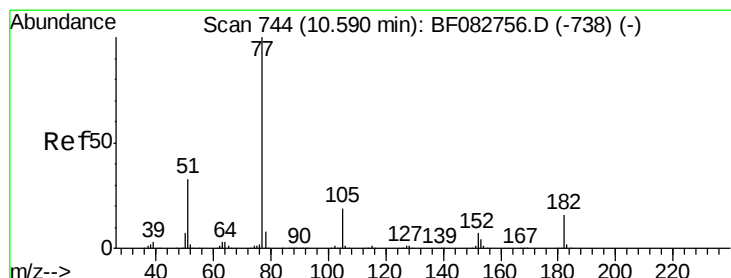
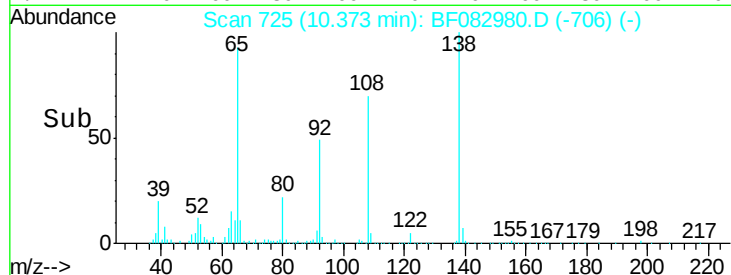
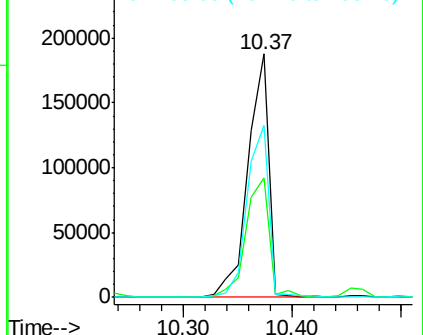
#61
4-Nitroaniline
Concen: 41.77 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.08 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 247953
Ion Ratio Lower Upper
138 100
92 49.2 45.8 85.8
108 70.4 89.4 129.4#

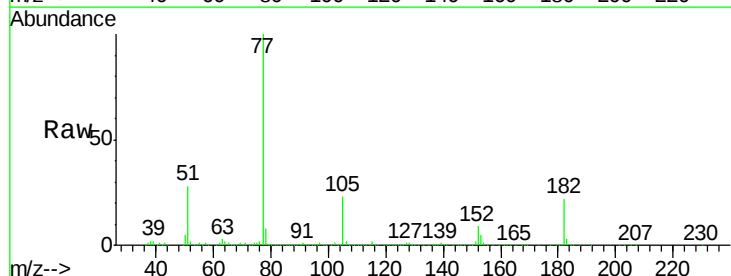


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

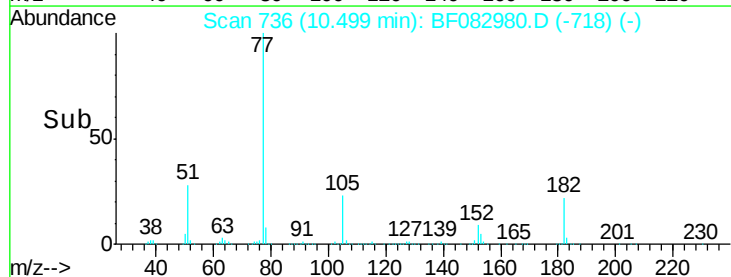
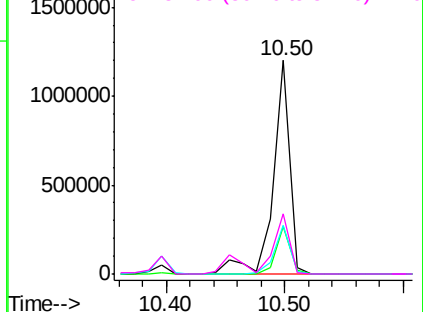


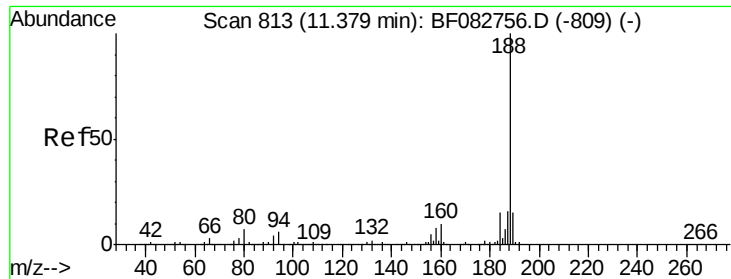
#62
Azobenzene
Concen: 44.24 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion: 77 Resp: 1167239
Ion Ratio Lower Upper
77 100
182 22.3 9.3 49.3
105 22.8 2.6 42.6
51 28.3 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

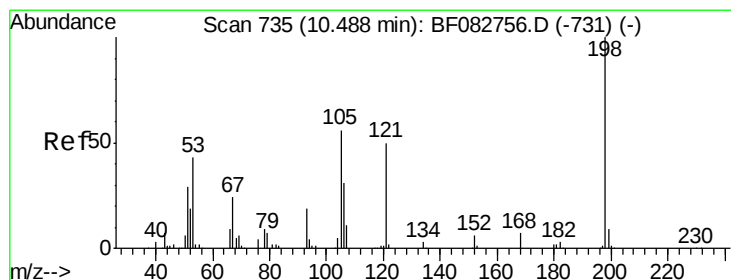
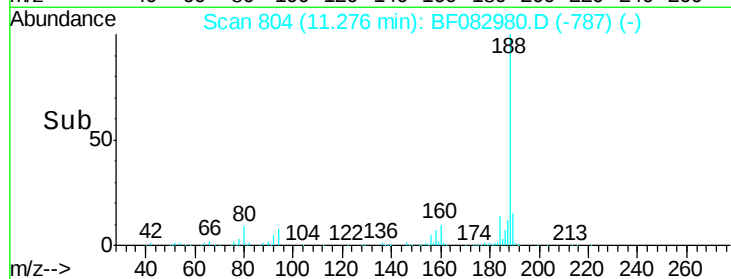
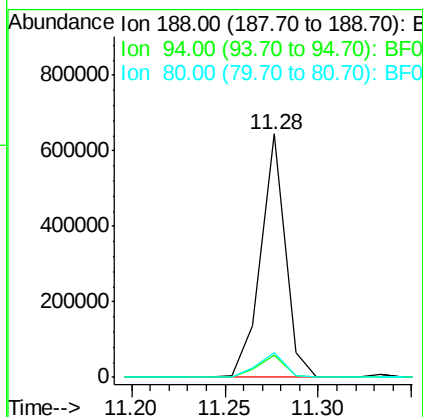
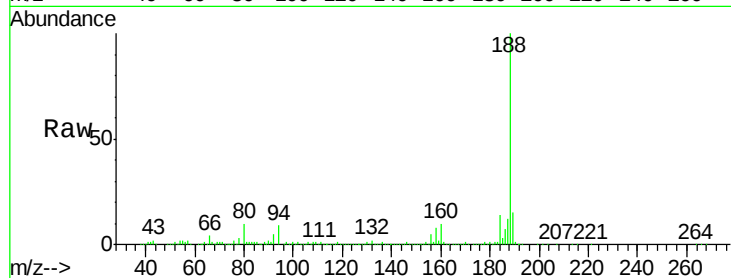




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

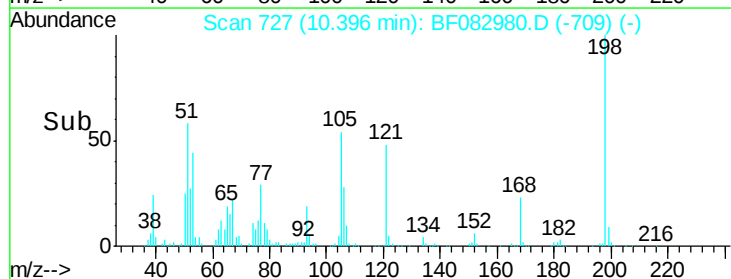
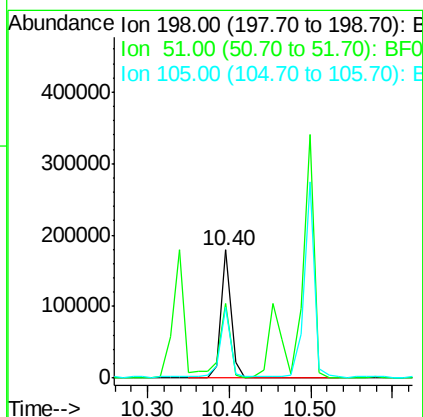
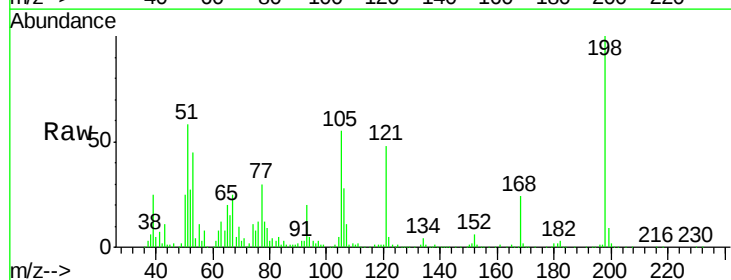
Instrument :
BNA_F
ClientSampleId :

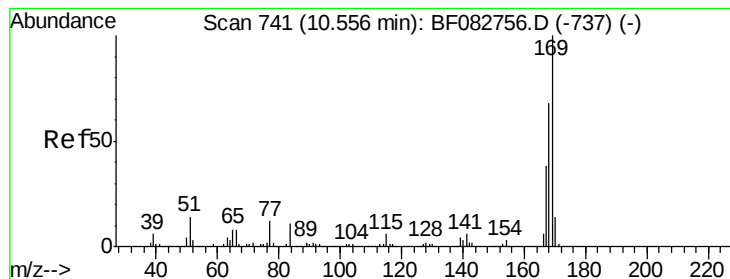
Tot Ion:188 Resp: 584644
Ion Ratio Lower Upper
188 100
94 9.1 6.1 9.1
80 9.9 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 36.76 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion:198 Resp: 153105
Ion Ratio Lower Upper
198 100
51 57.9 17.3 57.3#
105 55.2 21.7 61.7





#65

n-Nitrosodiphenylamine

Concen: 38.80 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

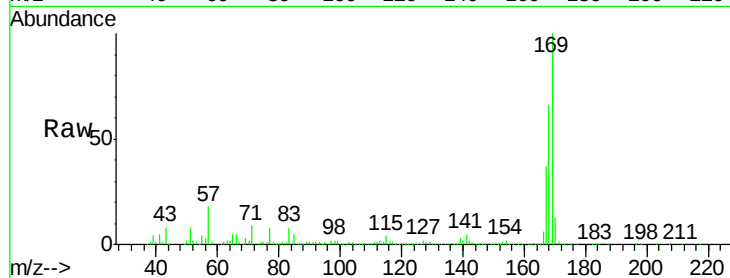
Tot Ion:169 Resp: 819411

Ion Ratio Lower Upper

169 100

168 66.4 55.0 82.6

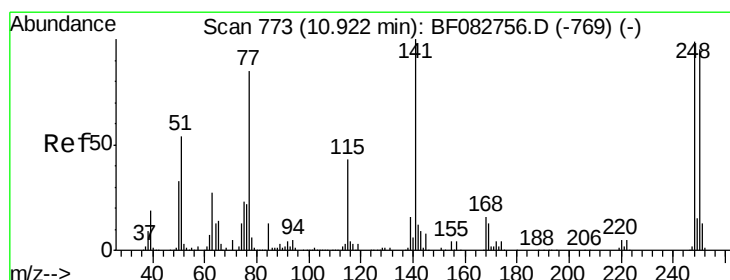
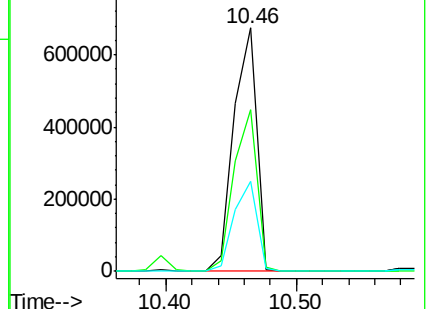
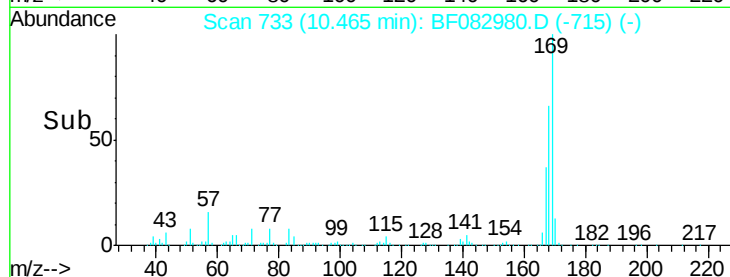
167 36.8 30.5 45.7



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.05 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

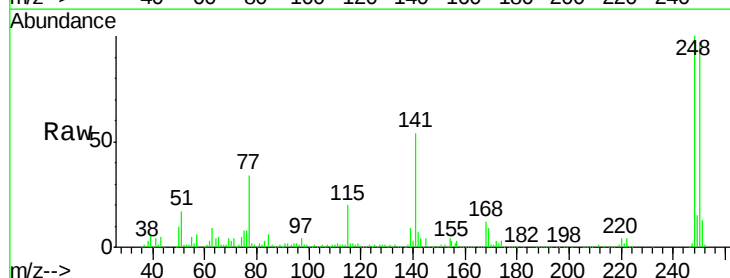
Tgt Ion:248 Resp: 274883

Ion Ratio Lower Upper

248 100

250 96.7 79.4 119.2

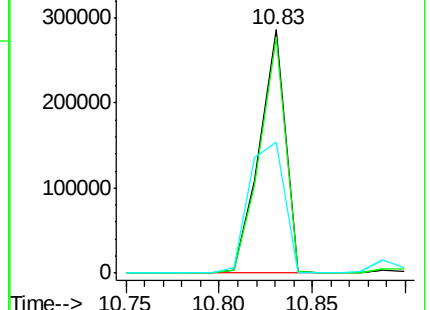
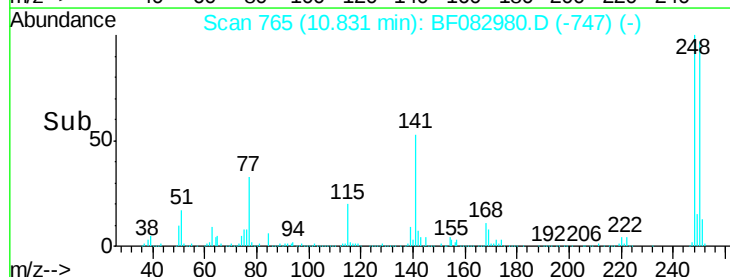
141 53.8 36.3 54.5

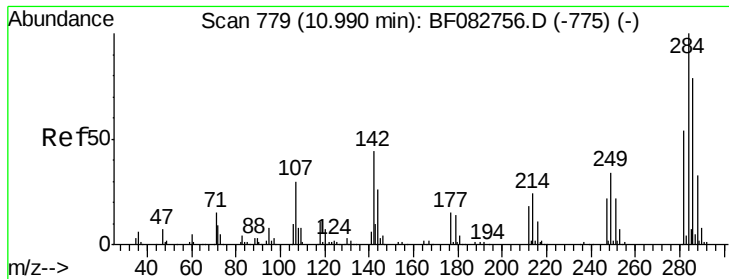


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

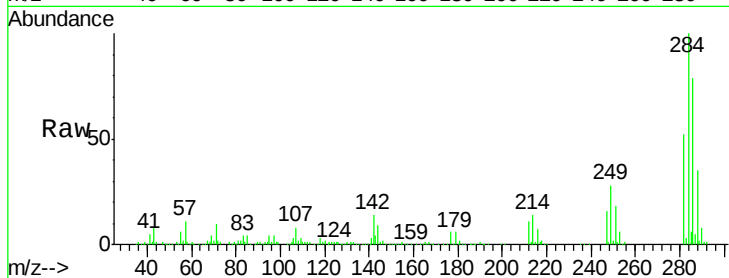




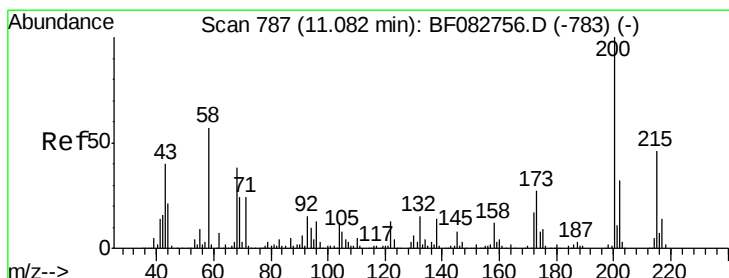
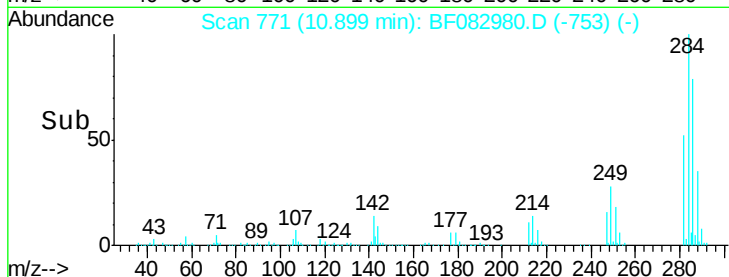
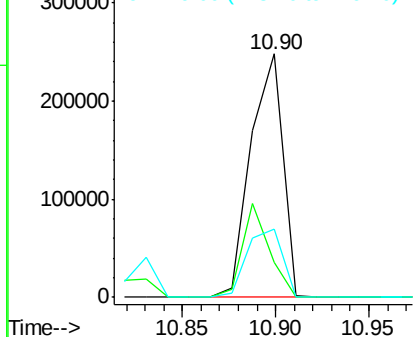
#67
Hexachlorobenzene
Concen: 37.45 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	14.5	47.9	71.9#
249	27.8	29.7	44.5#

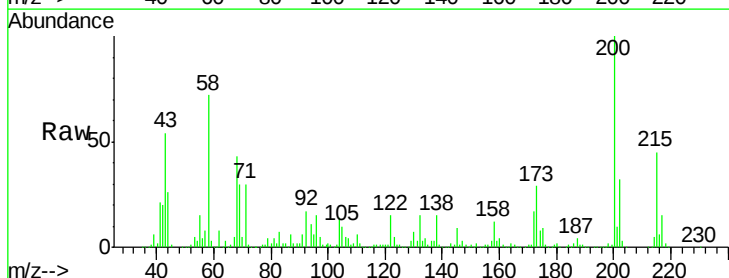


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

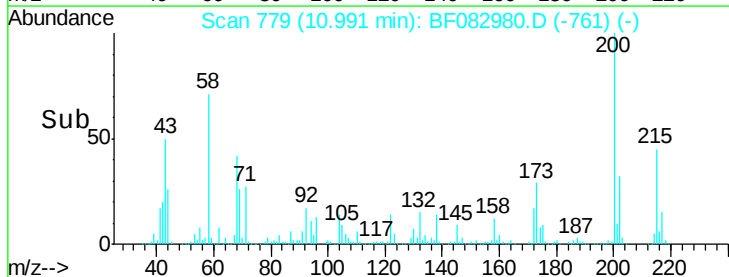
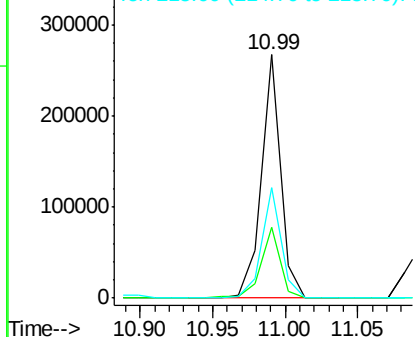


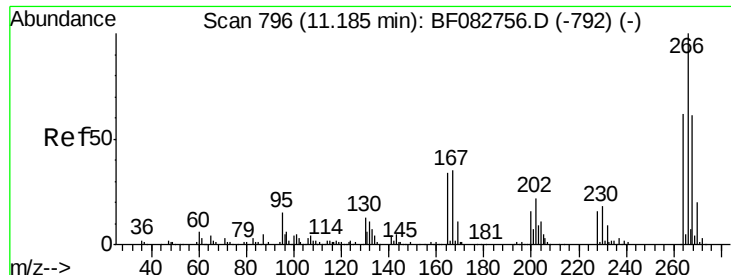
#68
Atrazine
Concen: 37.67 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.09 min
Lab File: BF082980.D
Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	6.9	46.9
215	45.5	22.9	62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

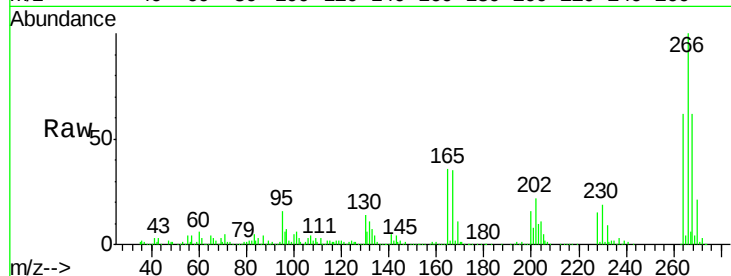




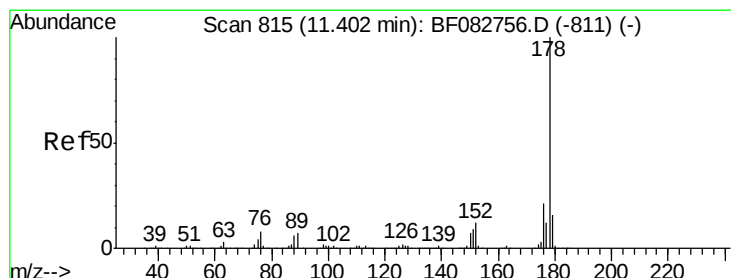
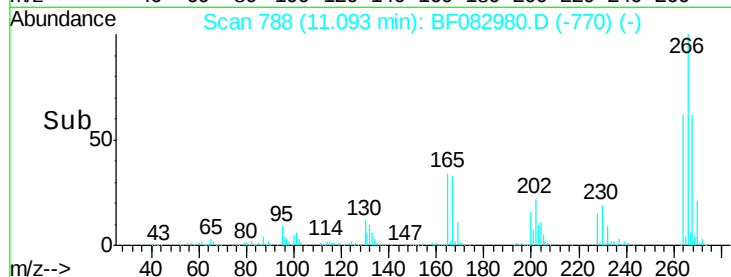
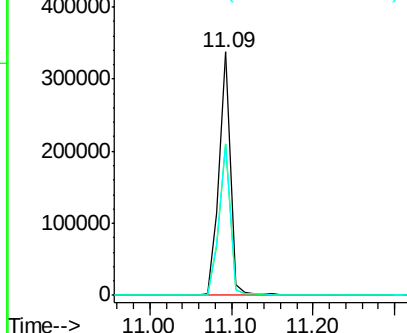
#69
 Pentachlorophenol
 Concen: 69.46 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 331568
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.0 76.6
 264 62.1 50.6 75.8

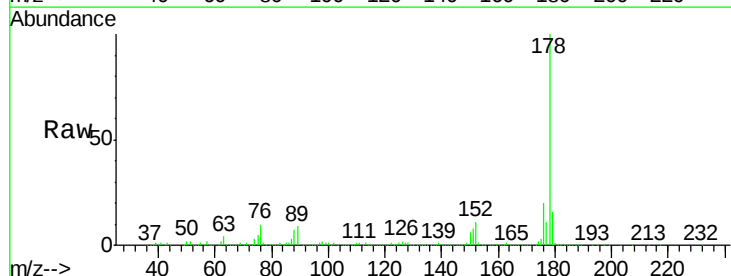


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

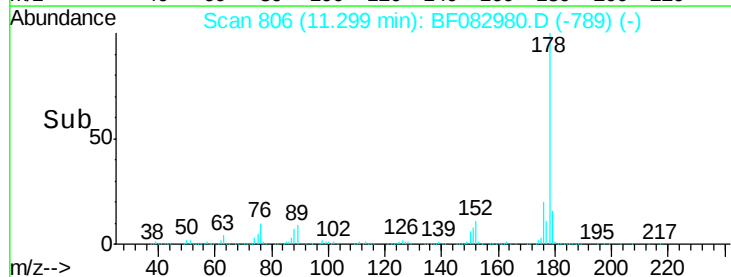
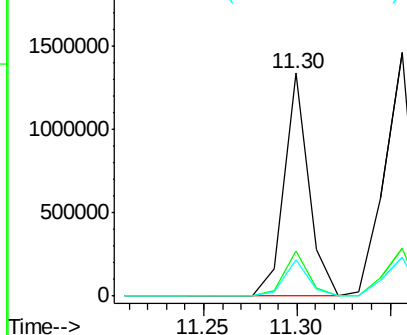


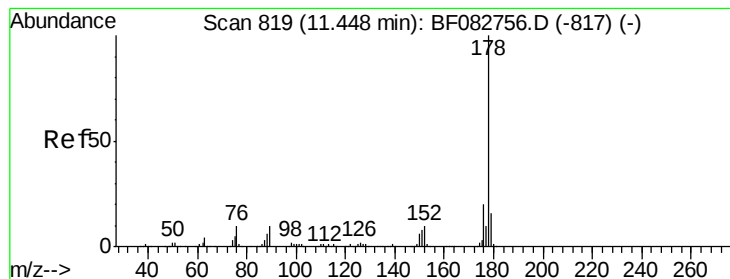
#70
 Phenanthrene
 Concen: 36.03 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion:178 Resp: 1223300
 Ion Ratio Lower Upper
 178 100
 176 20.2 17.0 25.4
 179 16.2 13.4 20.0



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

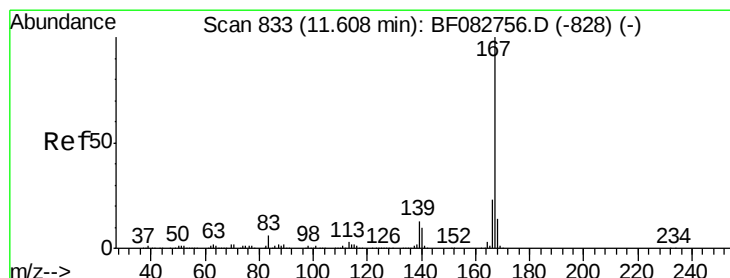
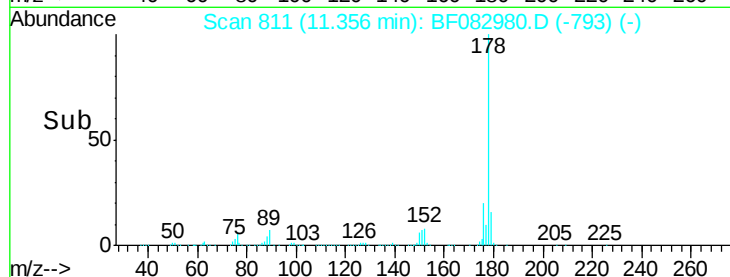
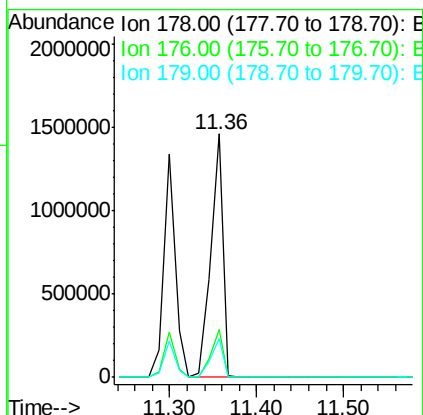
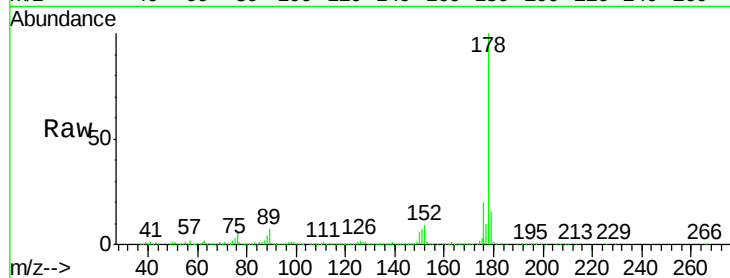




#71
 Anthracene
 Concen: 40.10 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.09 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

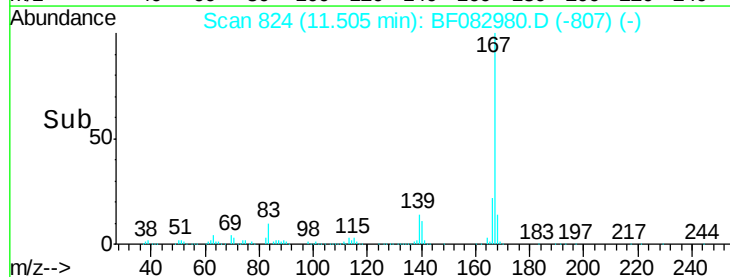
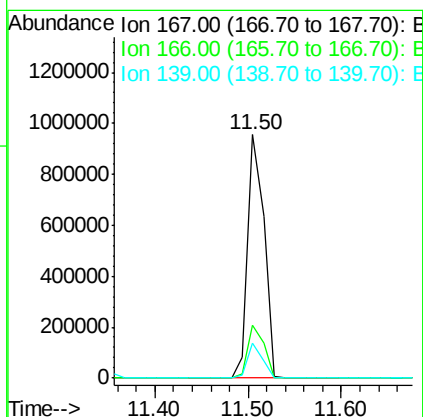
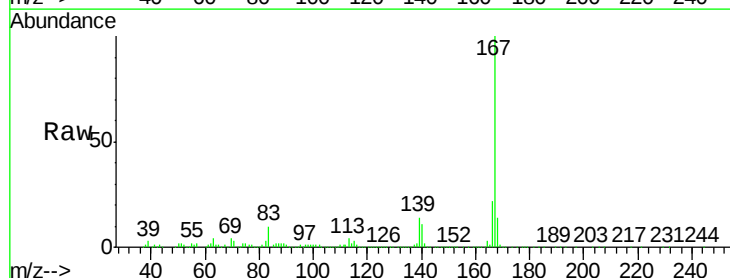
Instrument :
 BNA_F
 ClientSampleId :

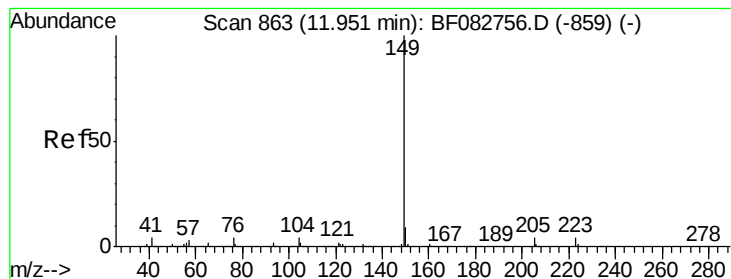
Tot Ion:178 Resp: 1434318
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.5 24.7
 179 16.1 13.2 19.8



#72
 Carbazole
 Concen: 37.01 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion:167 Resp: 1158601
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.7 28.1
 139 14.3 11.8 17.6





#73

Di-n-butylphthalate

Concen: 35.89 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

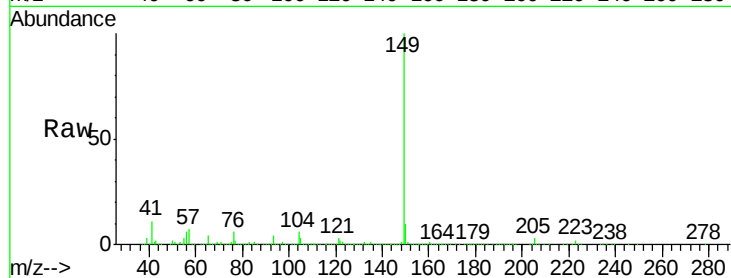
Tot Ion:149 Resp: 1399823

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

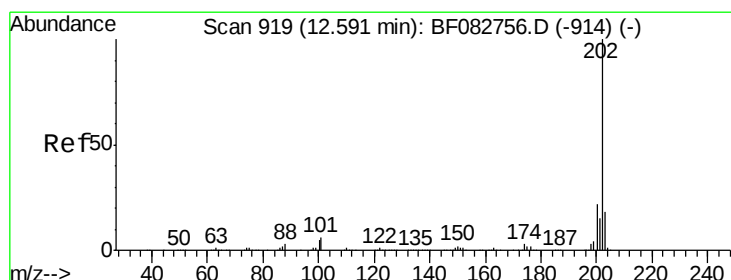
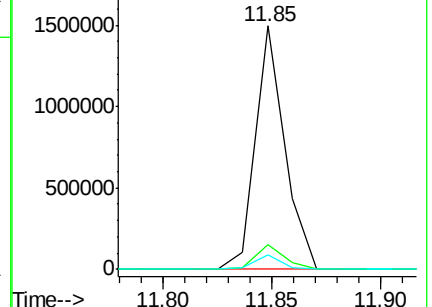
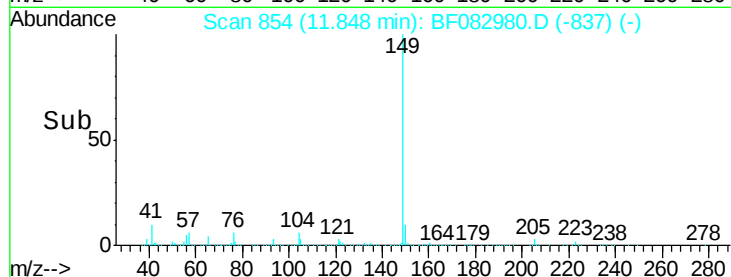
104 5.9 5.2 7.8



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: 39.02 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

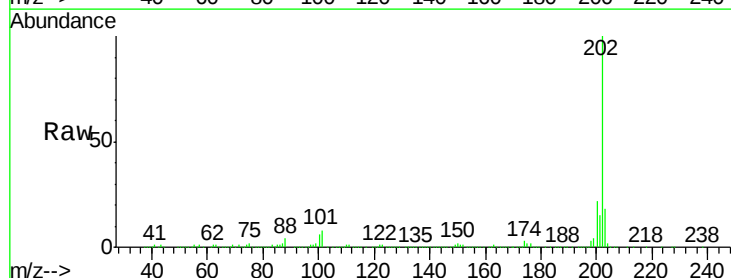
Tgt Ion:202 Resp: 1421607

Ion Ratio Lower Upper

202 100

101 8.1 0.0 30.5

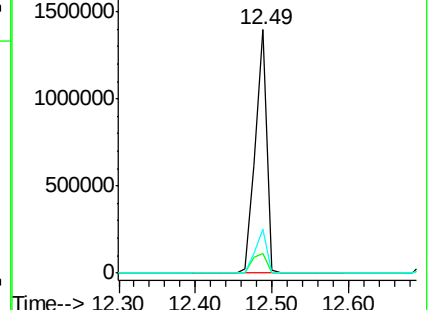
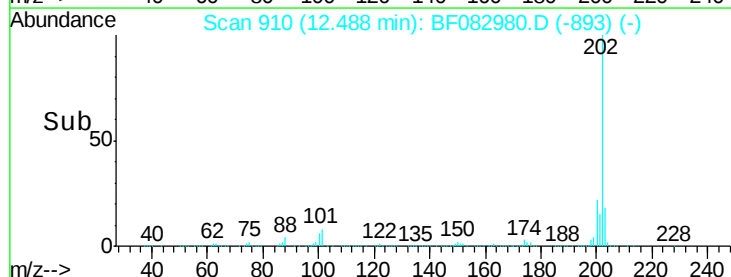
203 18.2 0.0 38.5

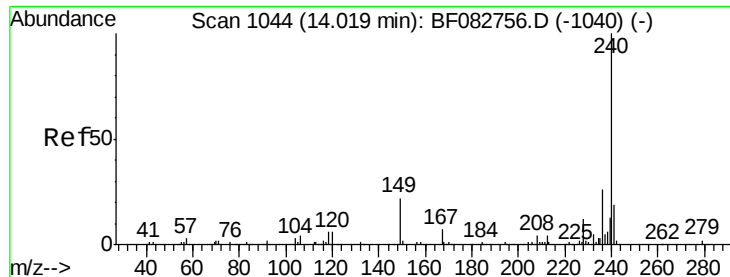


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

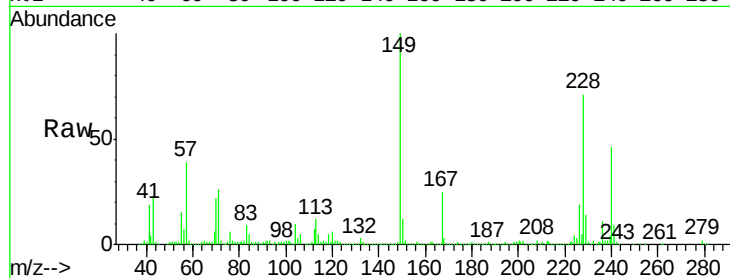
Tot Ion:240 Resp: 401698

Ion Ratio Lower Upper

240 100

120 13.0 10.9 16.3

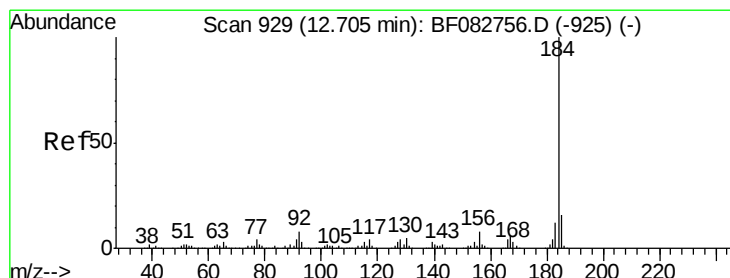
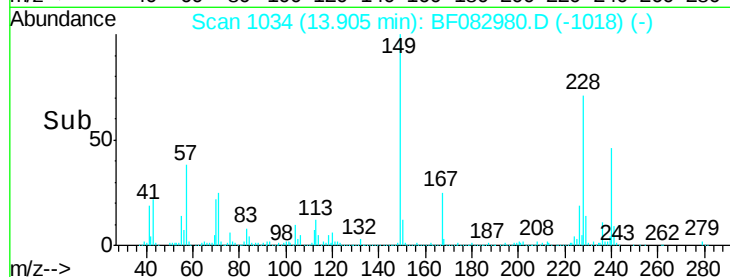
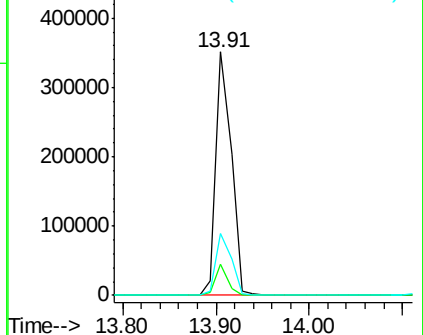
236 25.2 21.6 32.4



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: 40.48 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

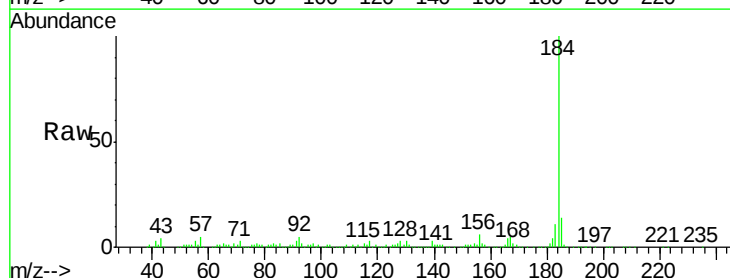
Tgt Ion:184 Resp: 544906

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

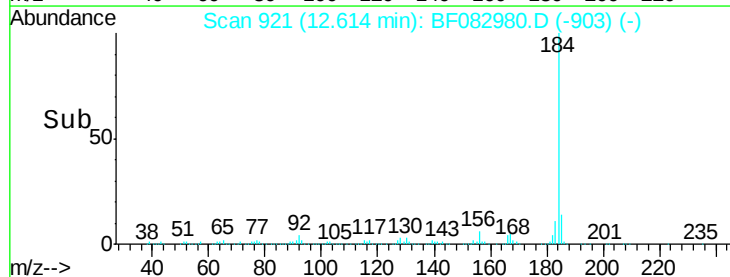
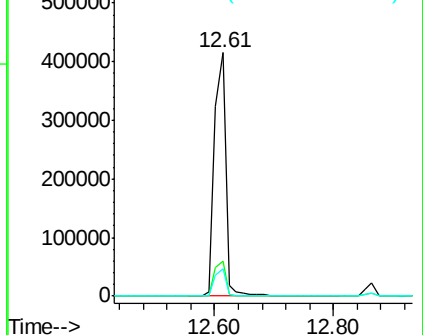
183 11.3 9.6 14.4

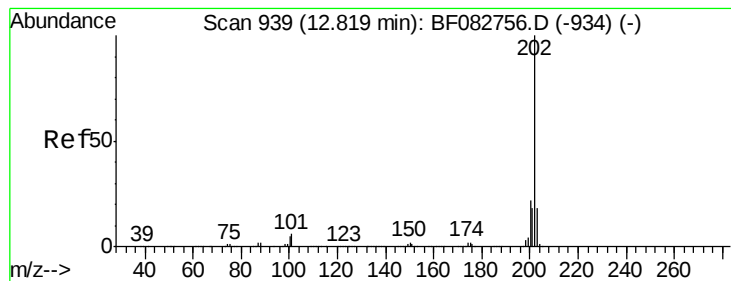


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 50.67 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

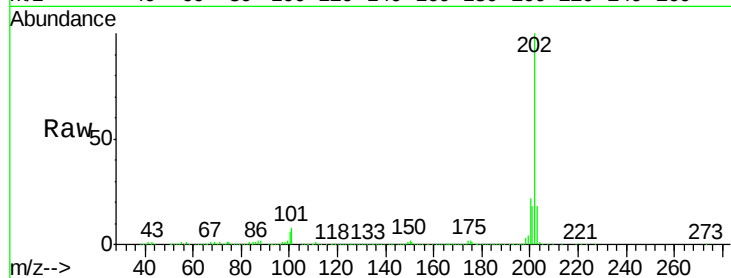
Tot Ion:202 Resp: 1397912

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

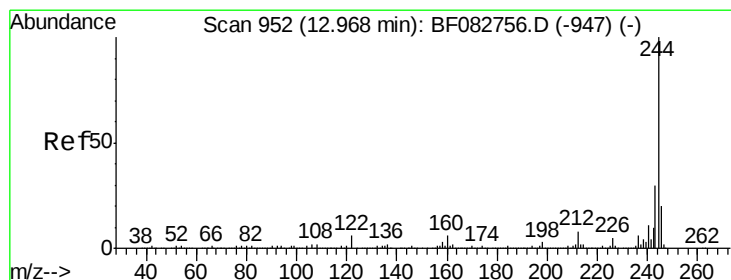
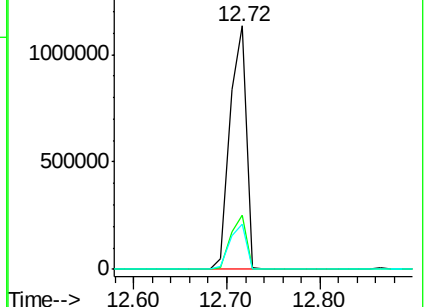
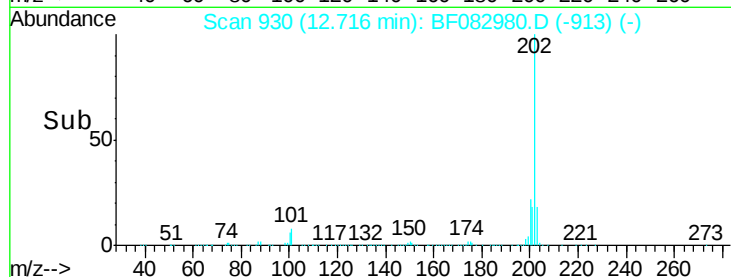
203 18.4 14.8 22.2



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: 92.50 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.10 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

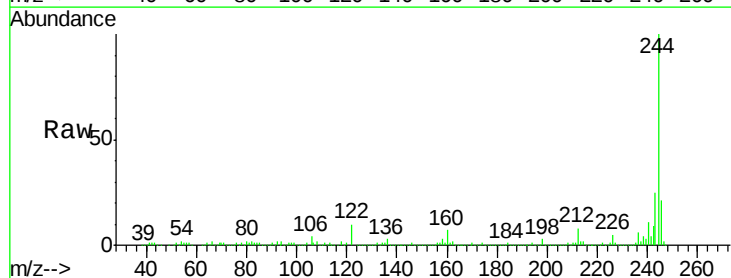
Tgt Ion:244 Resp: 1566599

Ion Ratio Lower Upper

244 100

212 7.7 7.6 11.4

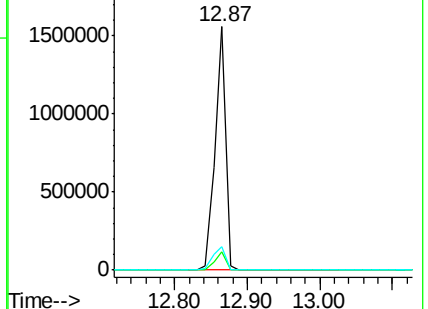
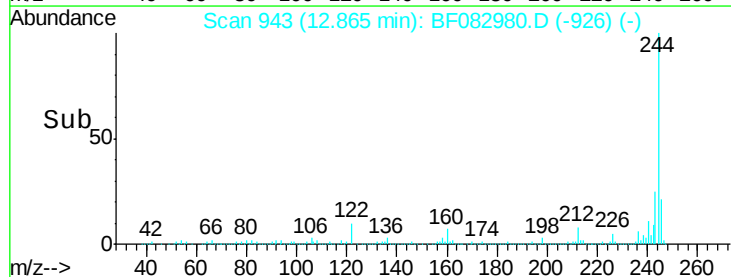
122 9.5 11.3 16.9

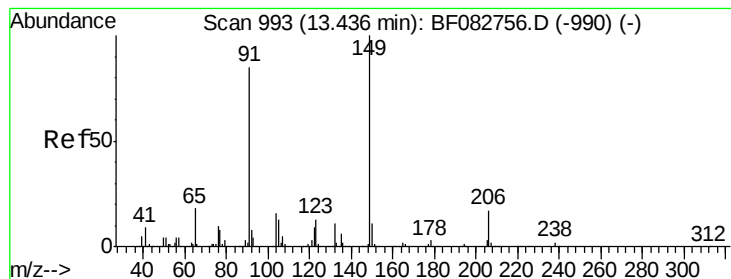


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 53.23 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.09 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

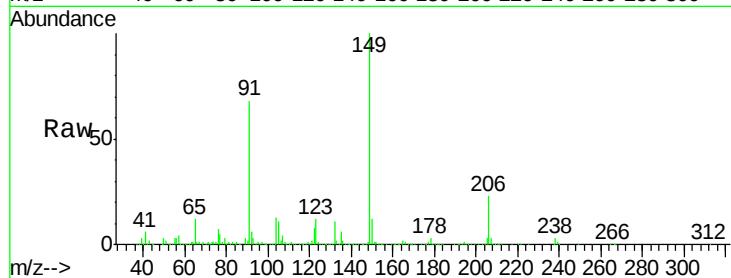
Tot Ion:149 Resp: 648746

Ion Ratio Lower Upper

149 100

91 67.6 67.7 101.5#

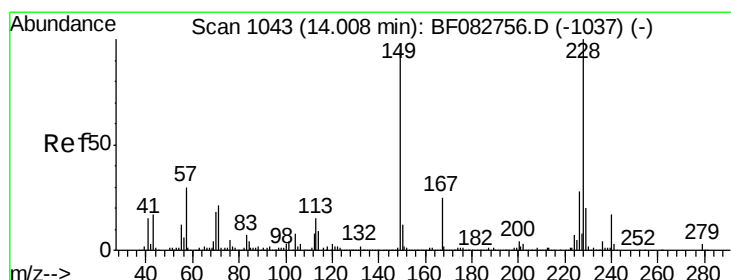
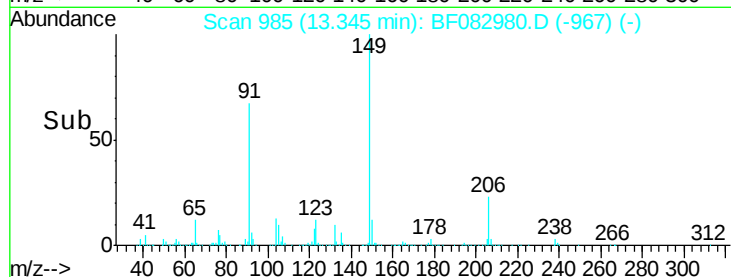
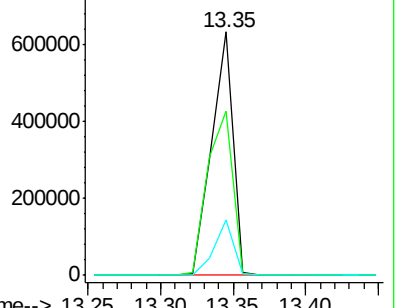
206 22.6 14.6 22.0#



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: 42.74 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.11 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

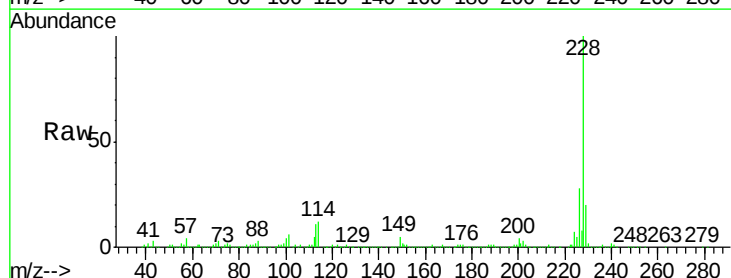
Tgt Ion:228 Resp: 1073634

Ion Ratio Lower Upper

228 100

226 27.6 23.4 35.2

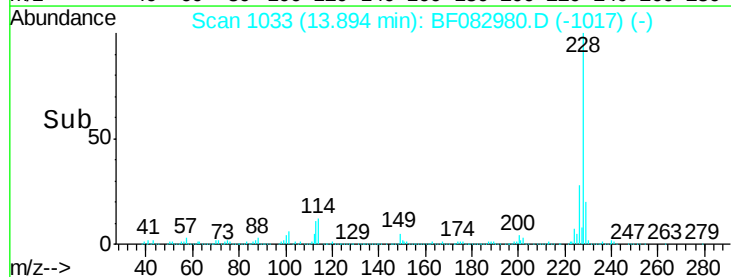
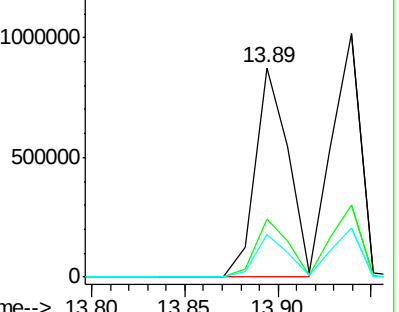
229 20.3 16.3 24.5

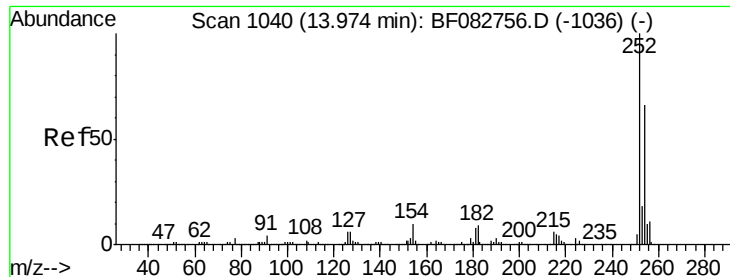


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

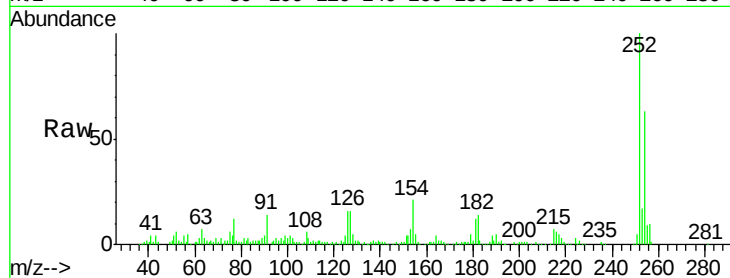




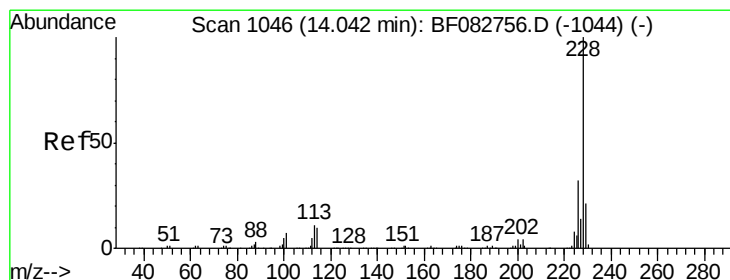
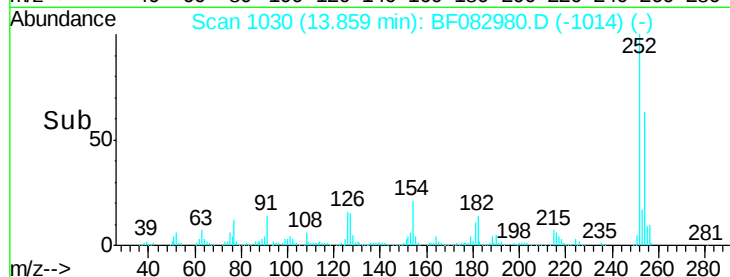
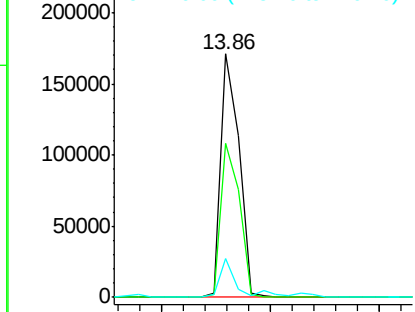
#81
 3,3'-Dichlorobenzidine
 Concen: 22.64 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.4	77.0
126	16.0	10.7	16.1

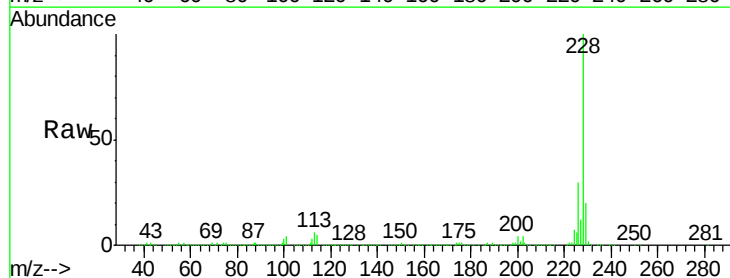


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

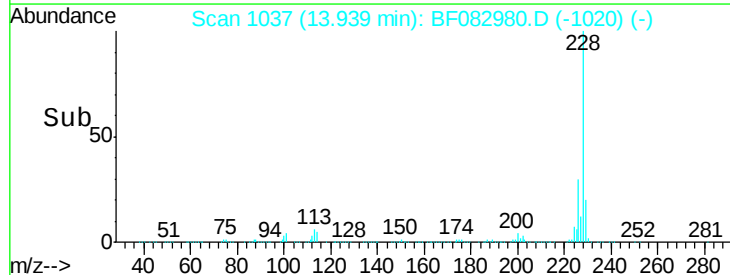
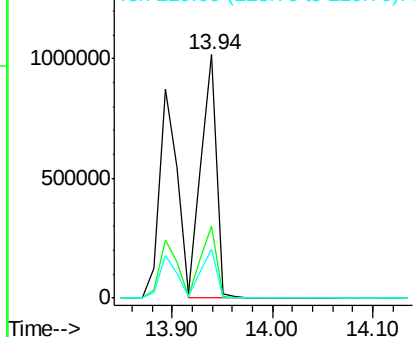


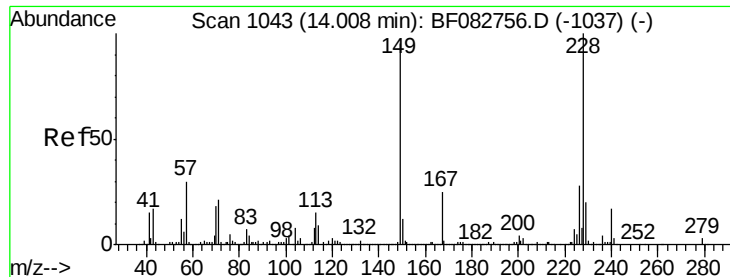
#82
 Chrysene
 Concen: 47.10 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.5	38.3
229	19.9	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

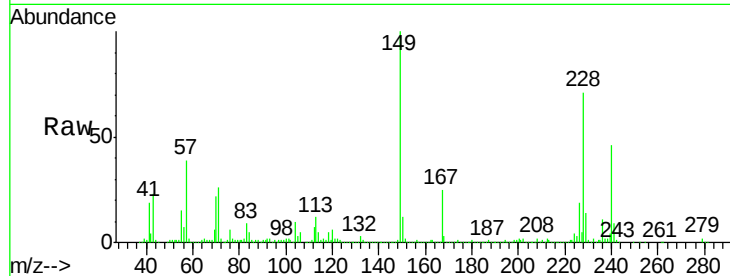




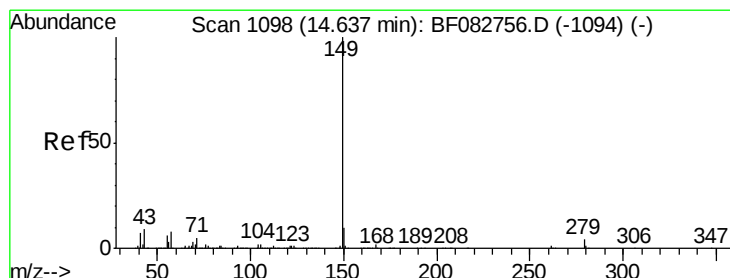
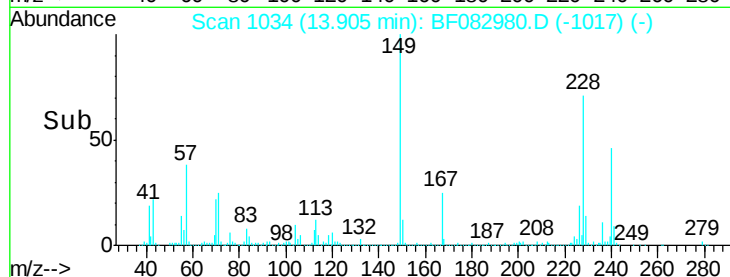
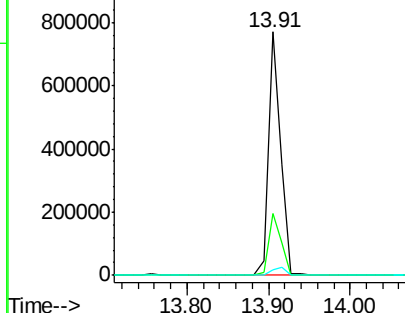
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.25 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.10 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 804878
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.2 31.8
 279 2.1 2.2 3.2#

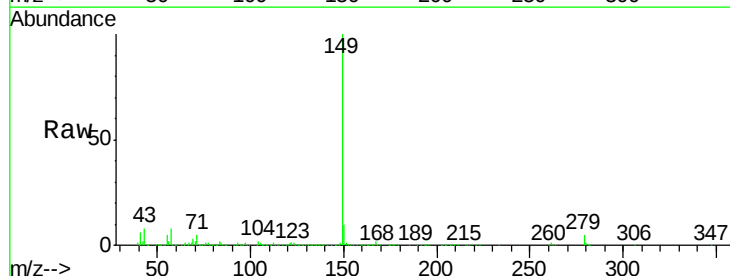


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

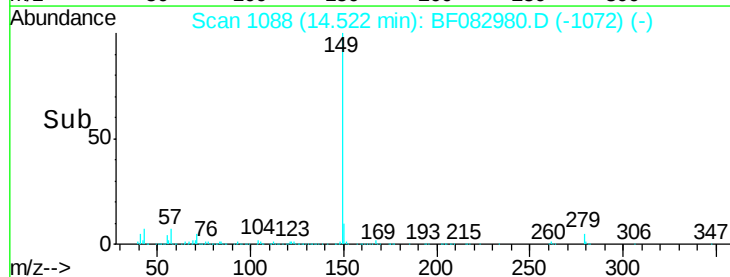
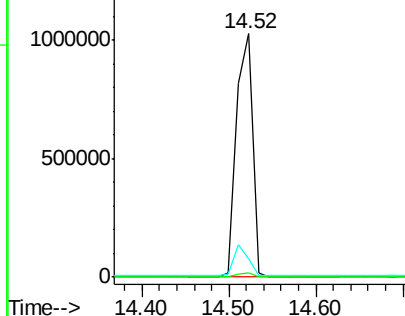


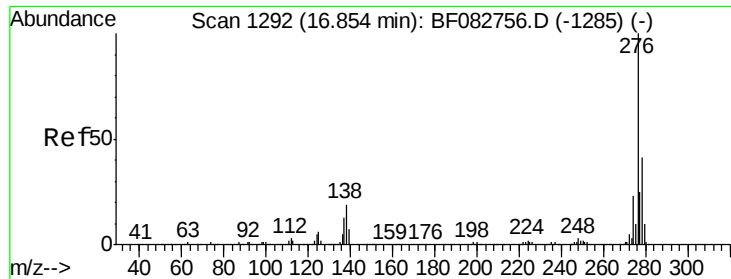
#84
 Di-n-octyl phthalate
 Concen: 46.53 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.11 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion:149 Resp: 1294576
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.4 10.1 15.1



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

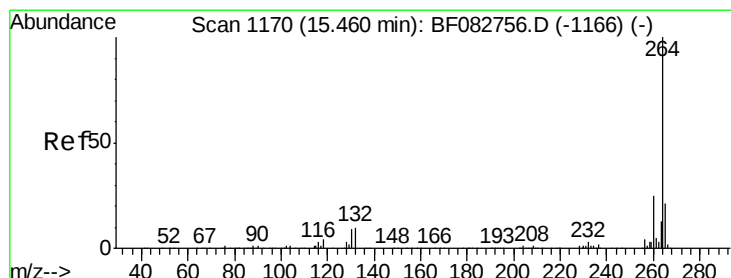
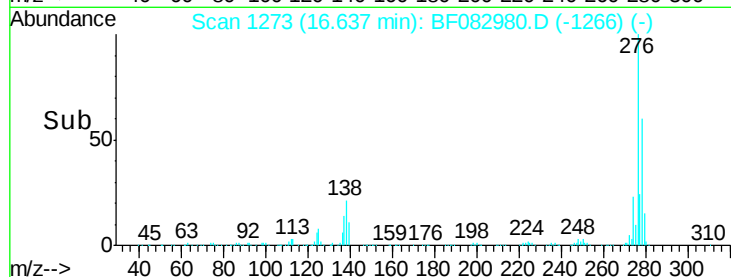
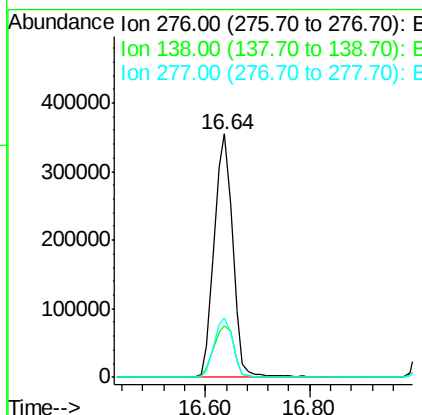
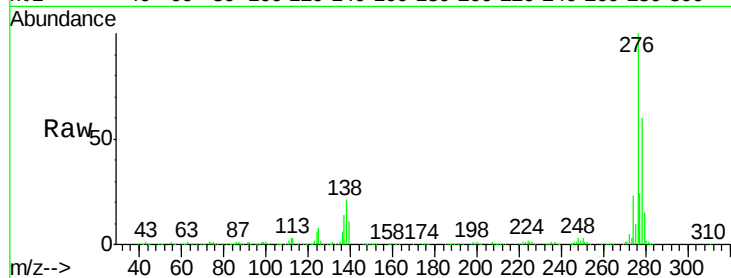




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.54 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.22 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

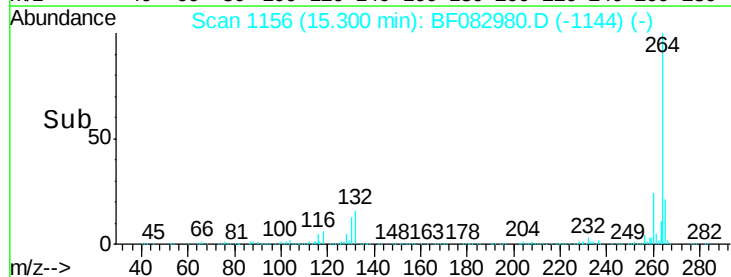
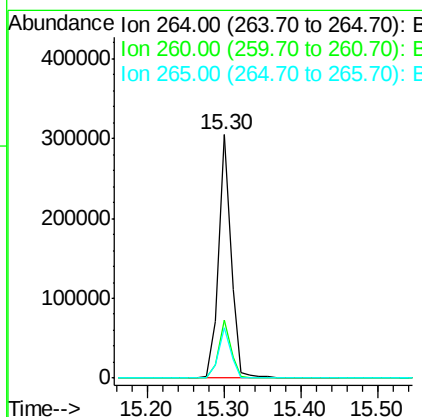
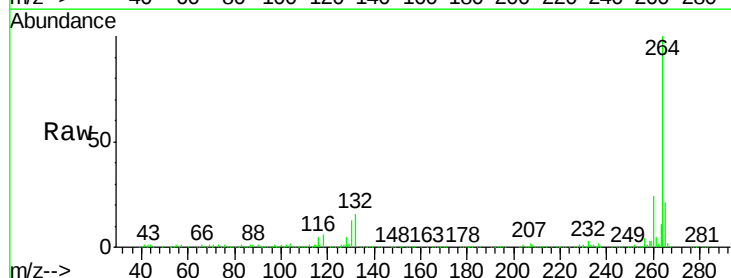
Instrument :
 BNA_F
 ClientSampleId :

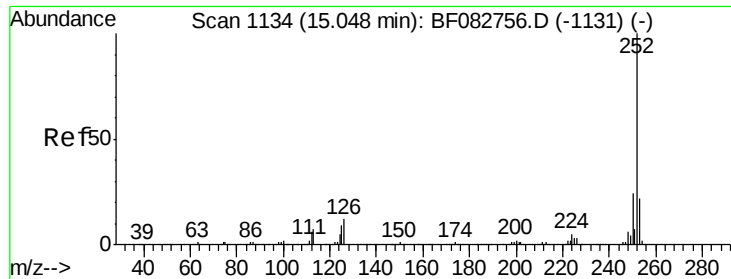
Tot Ion:276 Resp: 882632
 Ion Ratio Lower Upper
 276 100
 138 23.4 15.3 22.9#
 277 24.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.16 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Tgt Ion:264 Resp: 346518
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 20.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 73.86 ng

RT: 14.91 min Scan# 1122

Delta R.T. -0.14 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampled :

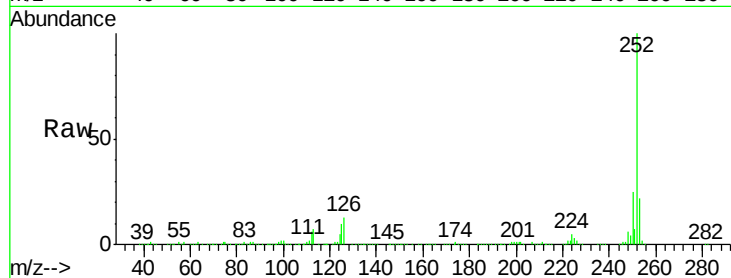
Tot Ion:252 Resp: 1642772

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

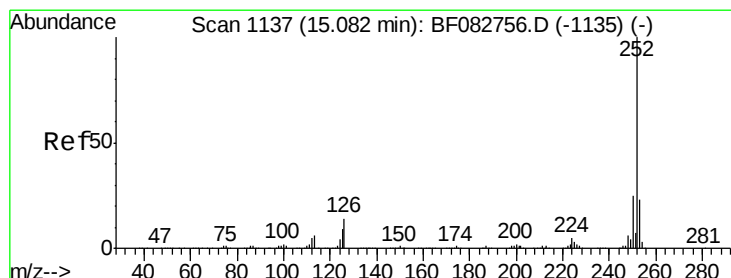
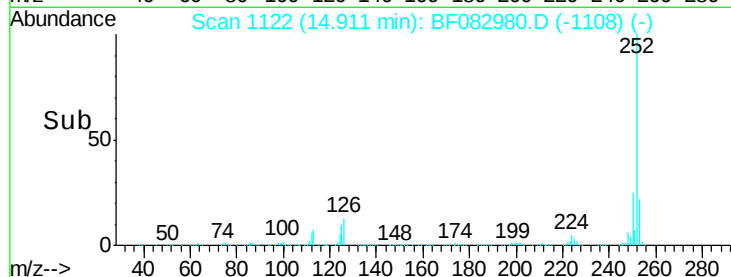
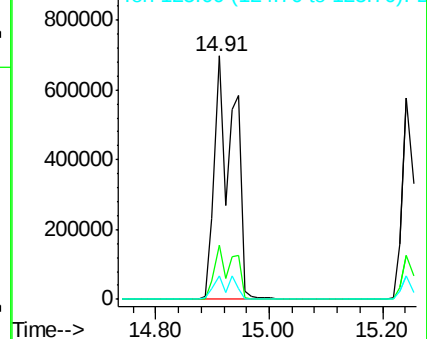
125 9.7 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 83.26 ng

RT: 14.91 min Scan# 1122

Delta R.T. -0.17 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

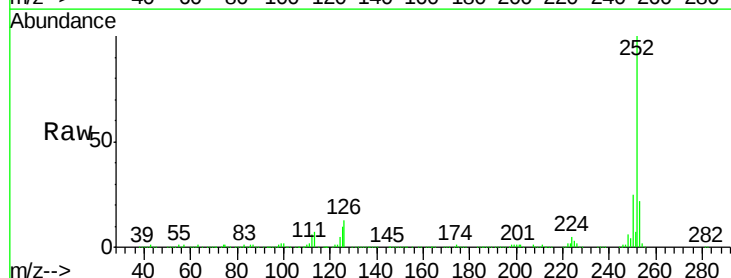
Tgt Ion:252 Resp: 1642772

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

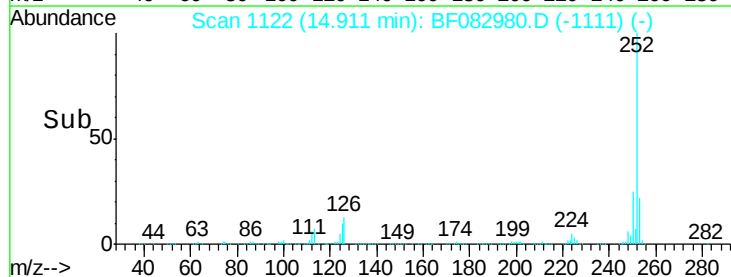
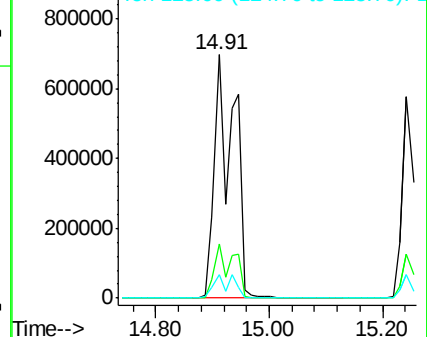
125 9.7 3.5 5.3#

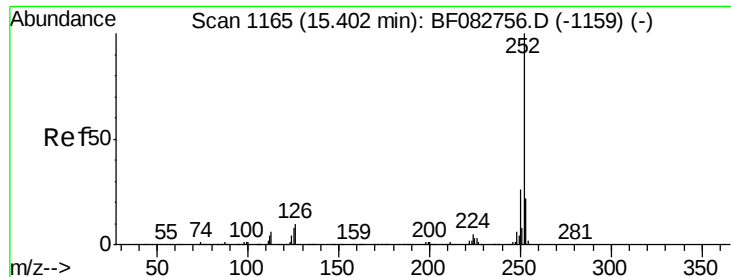


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.47 ng

RT: 15.24 min Scan# 1151

Delta R.T. -0.16 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

Instrument :

BNA_F

ClientSampleId :

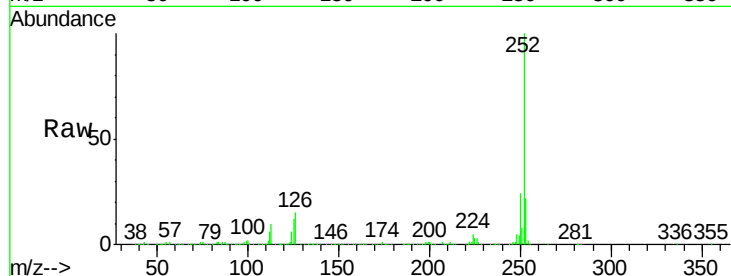
Tot Ion:252 Resp: 760673

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

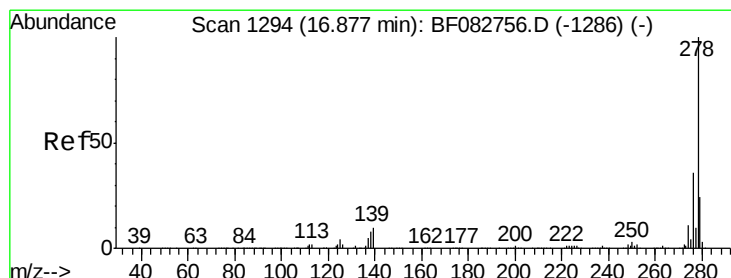
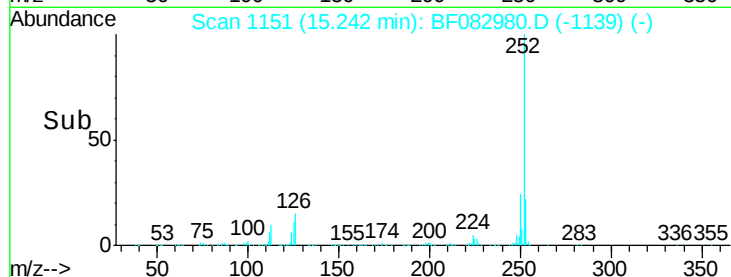
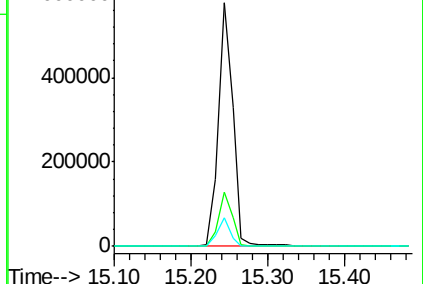
125 11.5 7.1 10.7#



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: 45.59 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.23 min

Lab File: BF082980.D

Acq: 17 Nov 2015 22:02

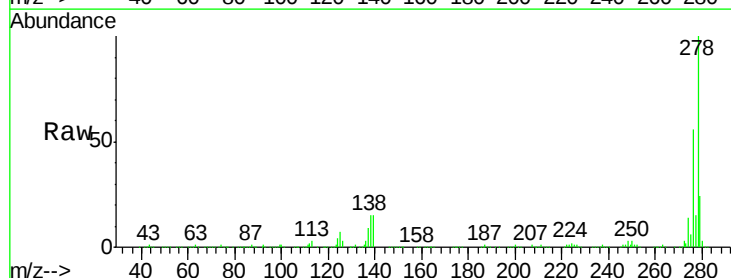
Tgt Ion:278 Resp: 743961

Ion Ratio Lower Upper

278 100

139 15.3 9.9 14.9#

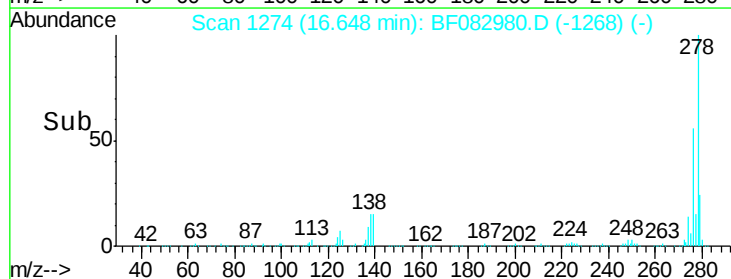
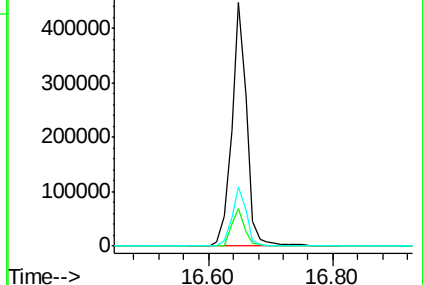
279 24.1 19.6 29.4

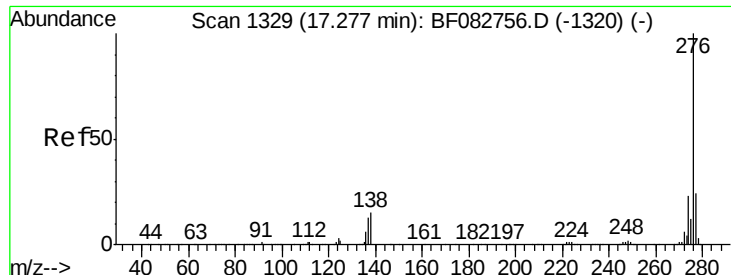


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

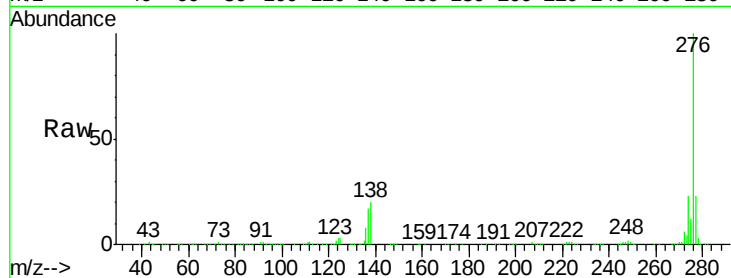




#91
 Benzo(a,h,i)perylene
 Concen: 47.29 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.24 min
 Lab File: BF082980.D
 Acq: 17 Nov 2015 22:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	19.6	13.1	19.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

