

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080297.D
 Acq On : 2 Jul 2015 5:19
 Operator : TP/UM
 Sample : PB84309BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

Quant Time: Jul 02 08:13:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 03:50:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	40435	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	158015	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	81437	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	164865	20.00	ng	0.00
75) Chrysene-d12	14.75	240	158528	20.00	ng	0.00
86) Perylene-d12	16.59	264	149341	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.88	112	296491	126.98	ng	0.00
7) Phenol-d6	6.87	99	373449	119.14	ng	0.00
23) Nitrobenzene-d5	7.82	82	214558	74.76	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	99171	127.89	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	465553	82.28	ng	0.00
78) Terphenyl-d14	13.50	244	511811	75.62	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.94	79	100516	34.78	ng	99
4) n-Nitrosodimethylamine	3.85	42	44953	34.92	ng	93
6) Aniline	6.93	93	81861	19.53	ng	# 89
8) 2-Chlorophenol	7.05	128	105110	40.98	ng	99
9) Benzaldehyde	6.81	77	57097	33.33	ng	99
10) Phenol	6.88	94	131704	37.99	ng	96
11) bis(2-Chloroethyl)ether	6.98	93	111840	42.65	ng	99
12) 1,3-Dichlorobenzene	7.21	146	120544	38.50	ng	99
13) 1,4-Dichlorobenzene	7.28	146	121724	39.05	ng	100
14) 1,2-Dichlorobenzene	7.44	146	120412	38.88	ng	99
15) Benzyl Alcohol	7.40	79	95640	39.63	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.53	45	161994	40.27	ng	99
17) 2-Methylphenol	7.50	107	90677	40.89	ng	99
18) Hexachloroethane	7.78	117	37972	39.02	ng	98
19) n-Nitroso-di-n-propylamine	7.66	70	78685	37.76	ng	97
20) 3+4-Methylphenols	7.65	107	116943	39.70	ng	98
22) Acetophenone	7.67	105	149929	40.61	ng	100
24) Nitrobenzene	7.84	77	122658	41.22	ng	99
25) Isophorone	8.08	82	215086	38.56	ng	99
26) 2-Nitrophenol	8.16	139	51108	39.33	ng	97
27) 2,4-Dimethylphenol	8.18	122	95913	40.20	ng	99
28) bis(2-Chloroethoxy)methane	8.29	93	133449	39.86	ng	100
29) 2,4-Dichlorophenol	8.40	162	94771	43.01	ng	98
30) 1,2,4-Trichlorobenzene	8.49	180	95615	37.20	ng	99
31) Naphthalene	8.58	128	303385	37.69	ng	99
32) Benzoic acid	8.25	122	31322	57.37	ng	97
33) 4-Chloroaniline	8.62	127	41791	12.24	ng	99
34) Hexachlorobutadiene	8.70	225	61192	37.79	ng	100
35) Caprolactam	8.95	113	25224	37.73	ng	96
36) 4-Chloro-3-methylphenol	9.09	107	100747	42.23	ng	96
37) 2-Methylnaphthalene	9.27	142	220301	39.97	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.44	216	105454	38.91	ng	98
40) Hexachlorocyclopentadiene	9.43	237	90517	84.35	ng	97
42) 2,4,6-Trichlorophenol	9.54	196	66907	39.00	ng	94

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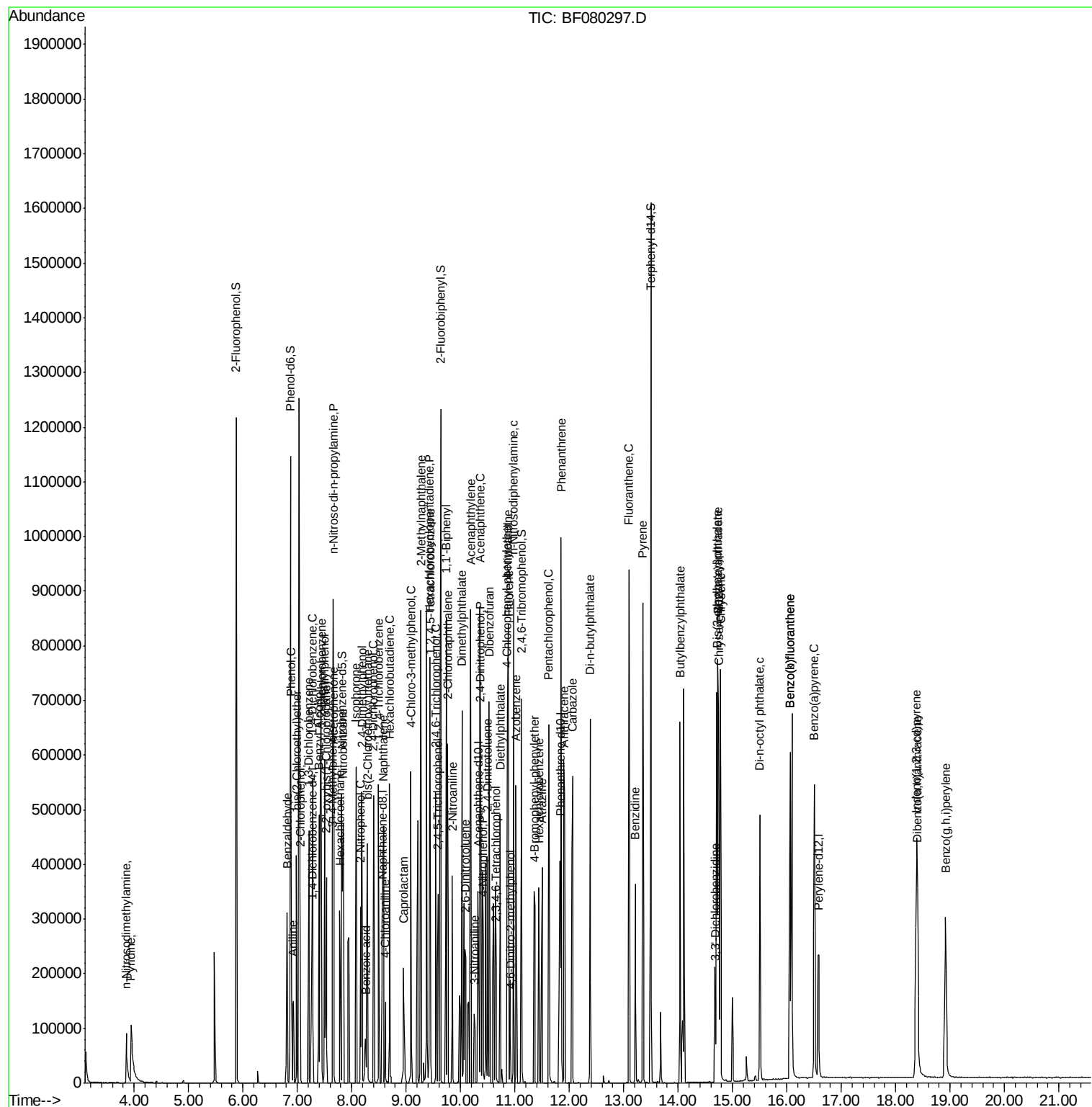
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.59	196	69169	37.43	ng	97
45) 1,1'-Biphenyl	9.74	154	276828	39.97	ng	99
46) 2-Chloronaphthalene	9.76	162	195475	36.47	ng	98
47) 2-Nitroaniline	9.85	65	60159	39.02	ng	96
48) Acenaphthylene	10.18	152	343476	36.90	ng	99
49) Dimethylphthalate	10.02	163	262263	42.16	ng	100
50) 2,6-Dinitrotoluene	10.09	165	48045	37.78	ng	97
51) Acenaphthene	10.36	154	218008	40.67	ng	99
52) 3-Nitroaniline	10.26	138	26625	18.25	ng	97
53) 2,4-Dinitrophenol	10.37	184	43405	82.57	ng	# 1
54) Dibenzofuran	10.53	168	291051	38.48	ng	99
55) 4-Nitrophenol	10.41	139	80693	74.83	ng	# 63
56) 2,4-Dinitrotoluene	10.49	165	66835	40.53	ng	93
57) Fluorene	10.88	166	240320	38.30	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.65	232	57722	40.08	ng	98
59) Diethylphthalate	10.73	149	228205	38.59	ng	# 92
60) 4-Chlorophenyl-phenylether	10.86	204	109599	38.63	ng	96
61) 4-Nitroaniline	10.87	138	50402	34.00	ng	97
62) Azobenzene	11.02	77	220994	36.33	ng	97
64) 4,6-Dinitro-2-methylphenol	10.92	198	28060	42.96	ng	# 41
65) n-Nitrosodiphenylamine	10.97	169	201271	37.15	ng	99
66) 4-Bromophenyl-phenylether	11.36	248	67942	38.13	ng	99
67) Hexachlorobenzene	11.44	284	72058	37.73	ng	98
68) Atrazine	11.50	200	61286	37.42	ng	98
69) Pentachlorophenol	11.62	266	72645	70.92	ng	98
70) Phenanthrene	11.85	178	371417	37.60	ng	100
71) Anthracene	11.91	178	353644	37.32	ng	98
72) Carbazole	12.06	167	316181	35.67	ng	100
73) Di-n-butylphthalate	12.38	149	344784	36.26	ng	99
74) Fluoranthene	13.10	202	370128	36.27	ng	99
76) Benzidine	13.21	184	160225	34.51	ng	99
77) Pyrene	13.35	202	379977	37.45	ng	99
79) Butylbenzylphthalate	14.04	149	147596	37.94	ng	89
80) Benzo(a)anthracene	14.73	228	351880	36.73	ng	99
81) 3,3'-Dichlorobenzidine	14.69	252	63311	20.24	ng	# 97
82) Chrysene	14.78	228	325236	36.82	ng	99
83) Bis(2-ethylhexyl)phthalate	14.71	149	206716	37.74	ng	# 95
84) Di-n-octyl phthalate	15.50	149	338547	36.69	ng	99
85) Indeno(1,2,3-cd)pyrene	18.38	276	338595	34.10	ng	98
87) Benzo(b)fluoranthene	16.06	252	322844	34.23	ng	# 97
88) Benzo(k)fluoranthene	16.06	252	322844	36.34	ng	# 97
89) Benzo(a)pyrene	16.51	252	320079	37.23	ng	99
90) Dibenzo(a,h)anthracene	18.40	278	280812	34.82	ng	# 96
91) Benzo(g,h,i)perylene	18.92	276	294166	34.96	ng	98

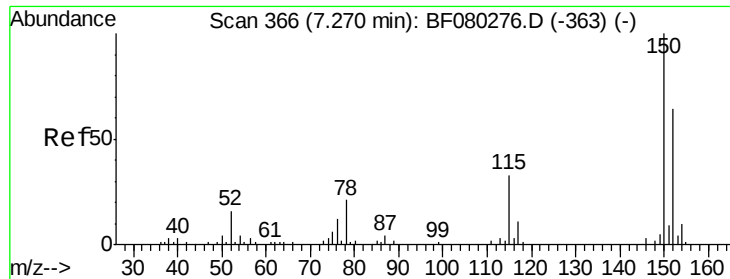
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Instrument :

BNA_F

ClientSampleId :

PB84309BS

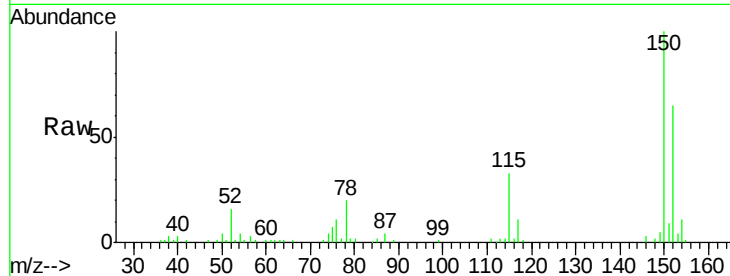
Tgt Ion:152 Resp: 40435

Ion Ratio Lower Upper

152 100

150 154.0 124.7 187.1

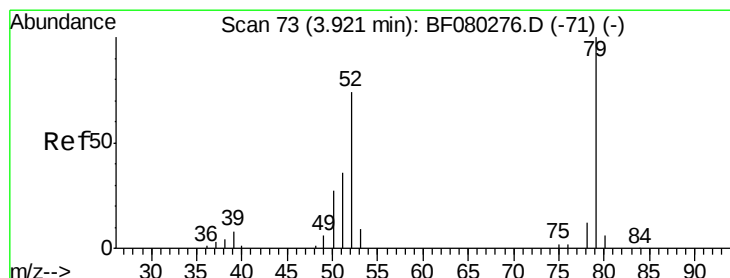
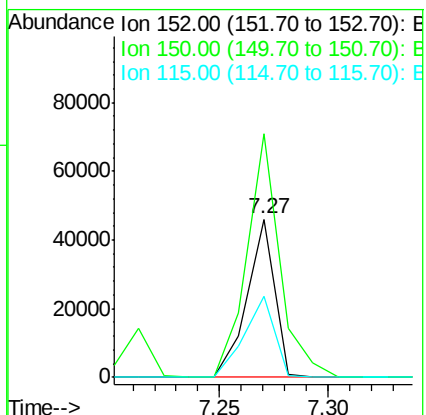
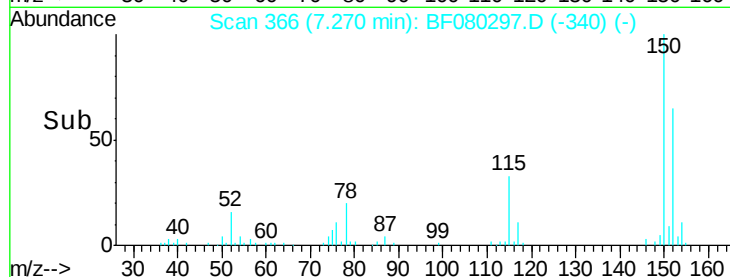
115 51.5 41.0 61.6



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



#3

Pyridine

Concen: 34.78 ng

RT: 3.94 min Scan# 75

Delta R.T. 0.02 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

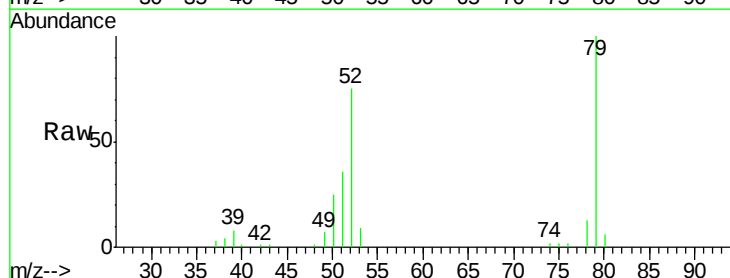
Tgt Ion: 79 Resp: 100516

Ion Ratio Lower Upper

79 100

52 74.9 59.3 88.9

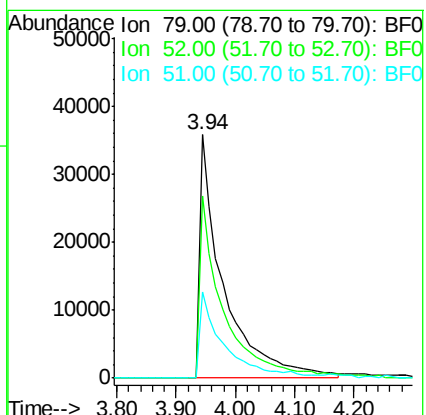
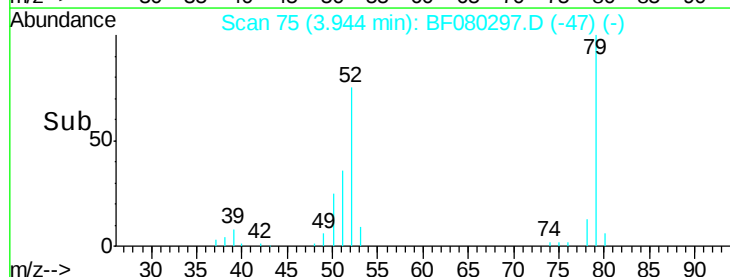
51 35.5 29.0 43.6

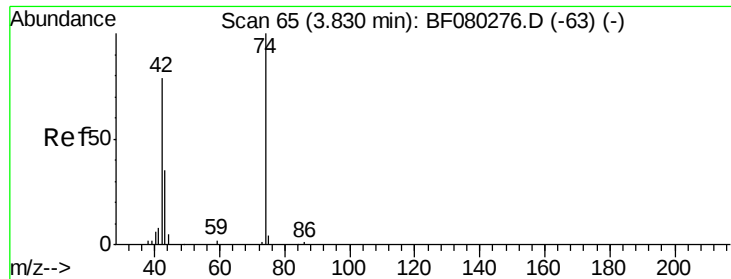


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 34.92 ng

RT: 3.85 min Scan# 67

Delta R.T. 0.02 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Instrument :

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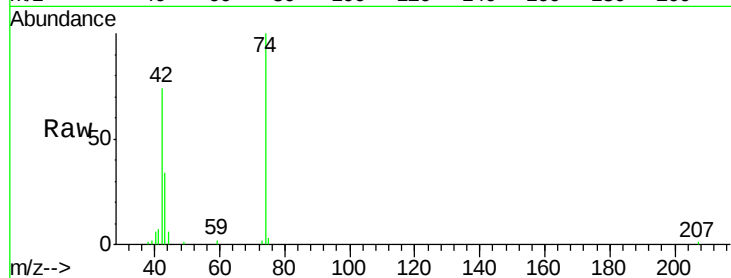
Tgt Ion: 42 Resp: 44953

Ion Ratio Lower Upper

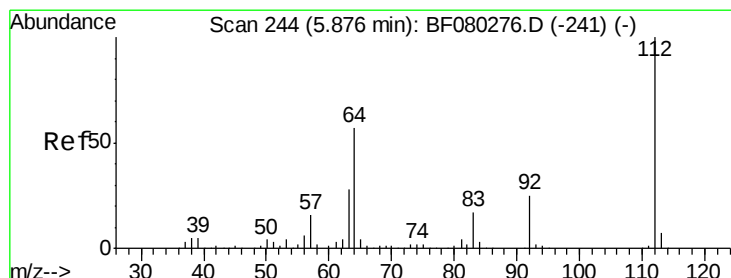
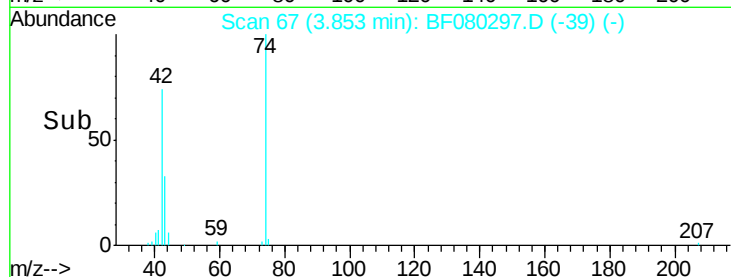
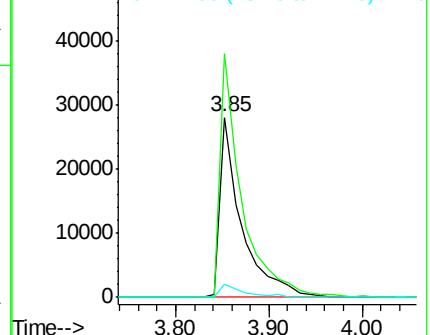
42 100

74 135.1 101.4 152.2

44 7.5 6.3 9.5



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: 126.98 ng

RT: 5.88 min Scan# 244

Delta R.T. -0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

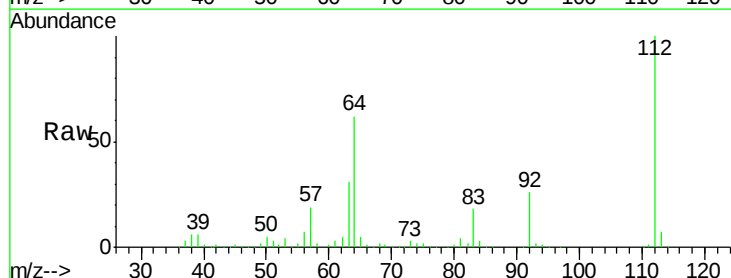
Tgt Ion: 112 Resp: 296491

Ion Ratio Lower Upper

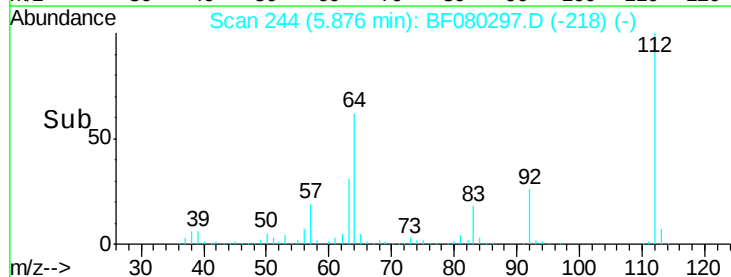
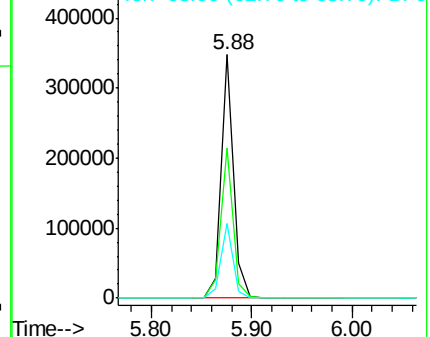
112 100

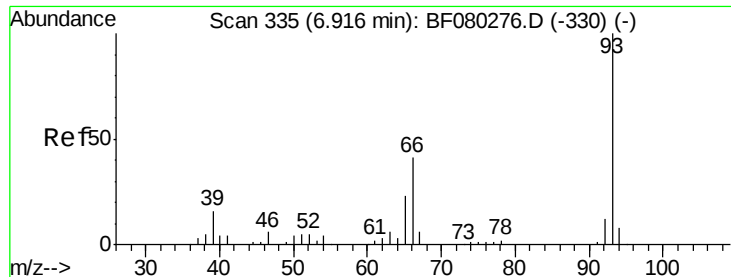
64 61.7 45.5 68.3

63 30.8 22.4 33.6



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: 19.53 ng

RT: 6.93 min Scan# 336

Delta R.T. 0.01 min

Lab File: BF080297.D

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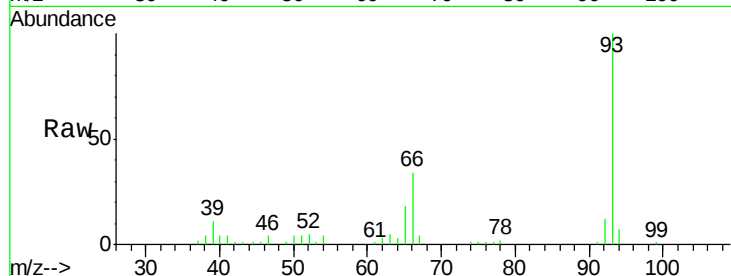
Tgt Ion: 93 Resp: 81861

Ion Ratio Lower Upper

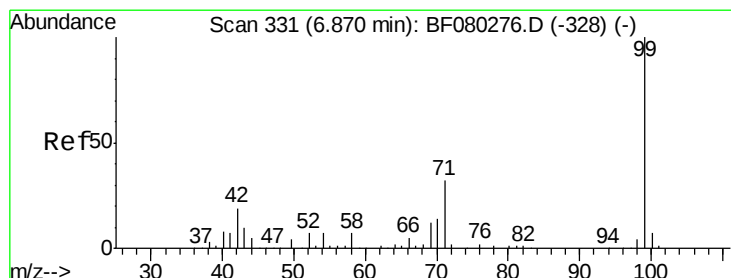
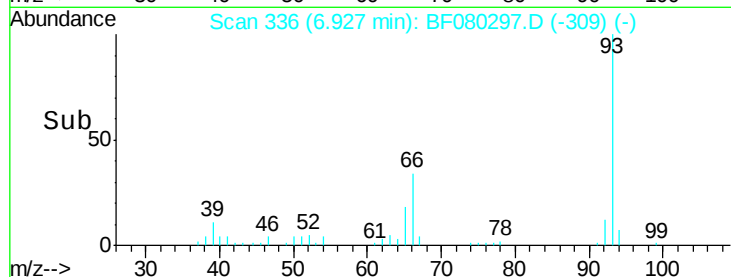
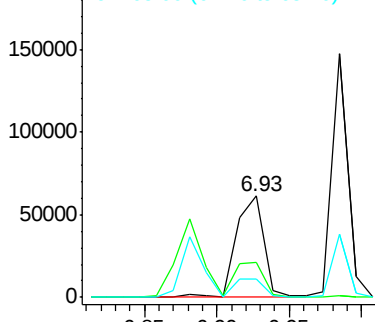
93 100

66 34.5 33.7 50.5

65 17.9 18.3 27.5#



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: 119.14 ng

RT: 6.87 min Scan# 331

Delta R.T. -0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

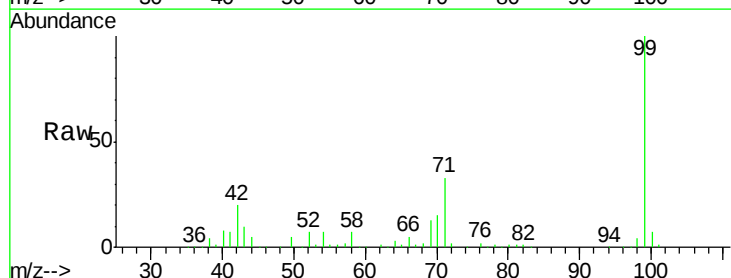
Tgt Ion: 99 Resp: 373449

Ion Ratio Lower Upper

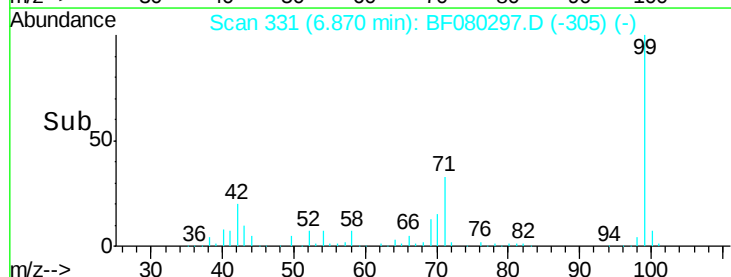
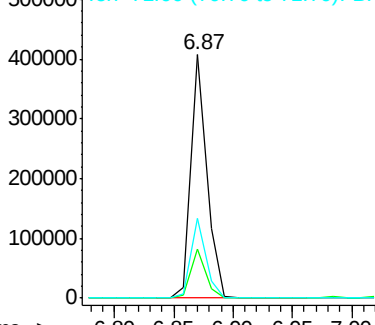
99 100

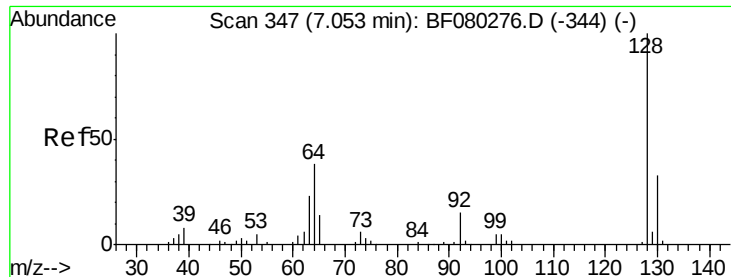
42 20.2 15.4 23.2

71 32.9 25.8 38.8



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





#8

2-Chlorophenol

Concen: 40.98 ng

RT: 7.05 min Scan# 347

Delta R.T. -0.00 min

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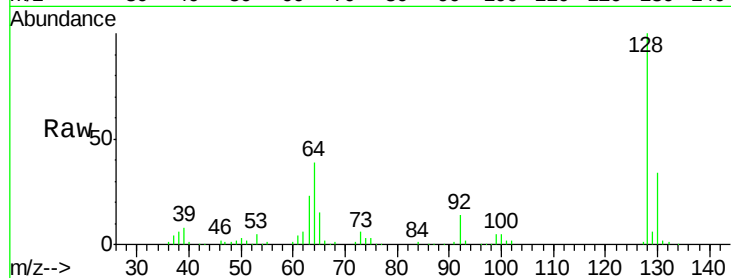
Tgt Ion: 128 Resp: 105110

Ion Ratio Lower Upper

128 100

130 33.7 13.4 53.4

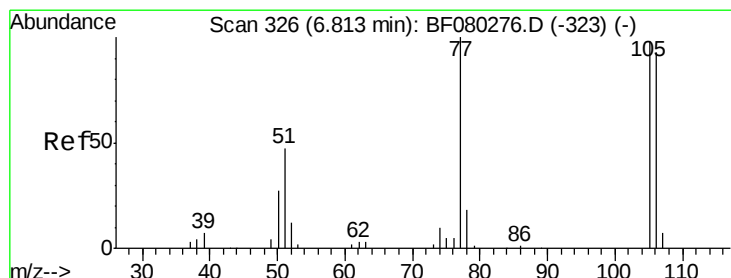
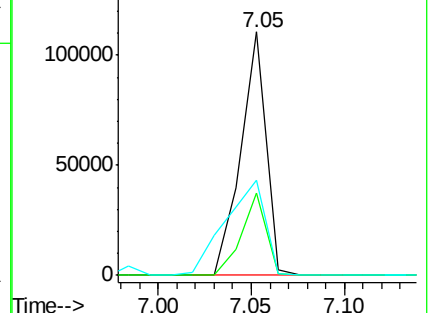
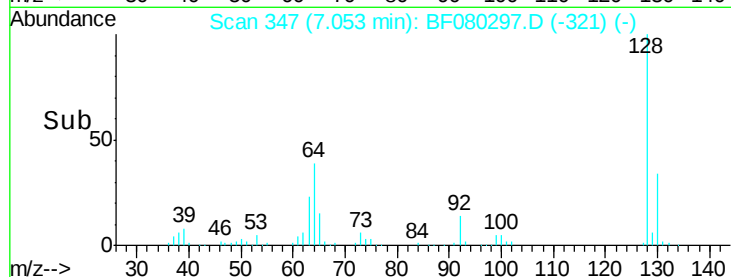
64 39.0 18.5 58.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 33.33 ng

RT: 6.81 min Scan# 326

Delta R.T. -0.00 min

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Acq: 2 Jul 2015 5:19

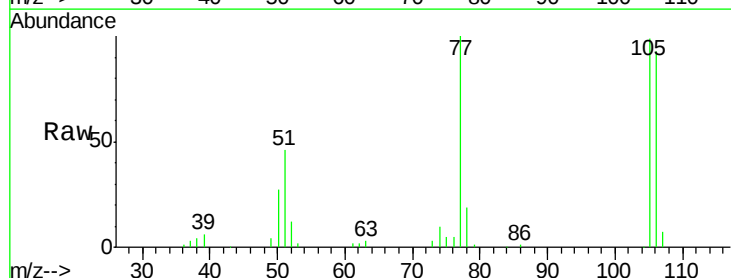
Tgt Ion: 77 Resp: 57097

Ion Ratio Lower Upper

77 100

105 98.8 78.2 118.2

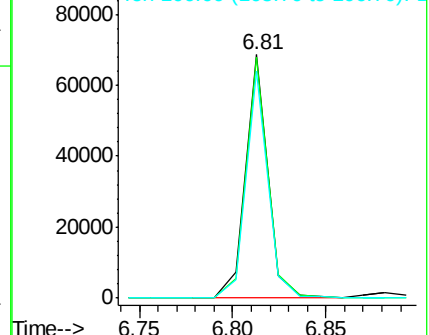
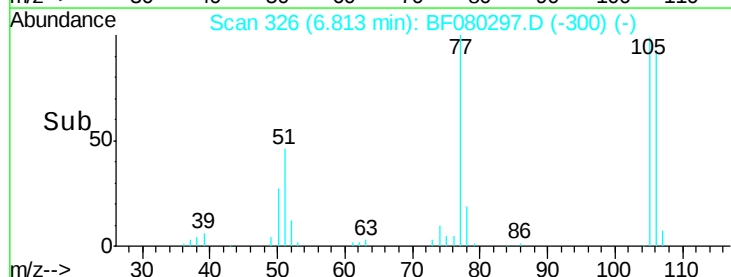
106 93.0 72.5 112.5

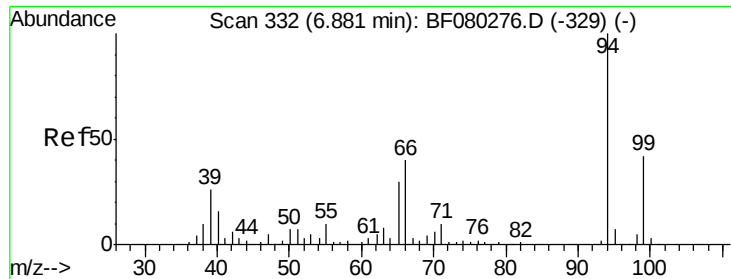


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

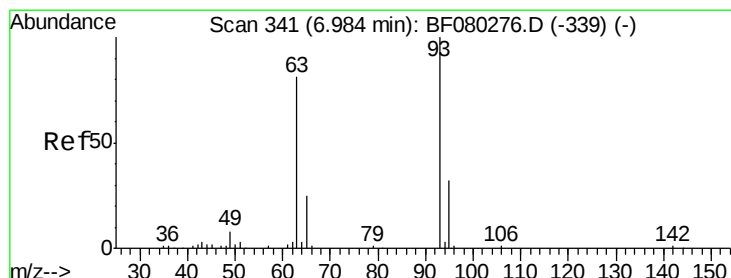
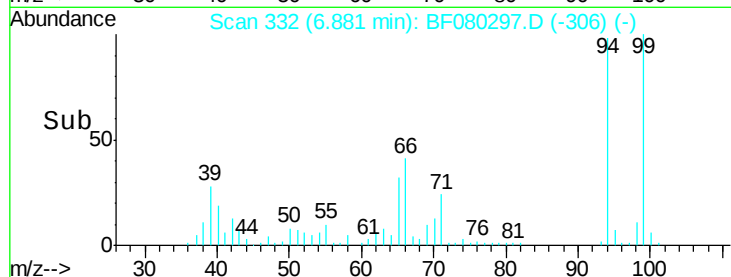
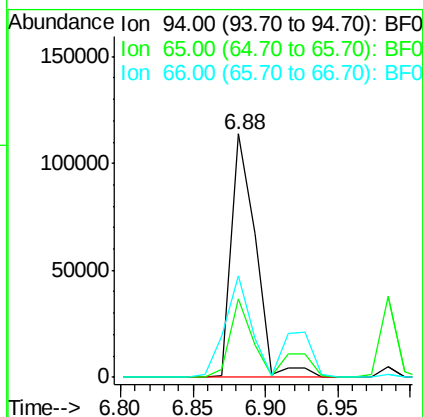
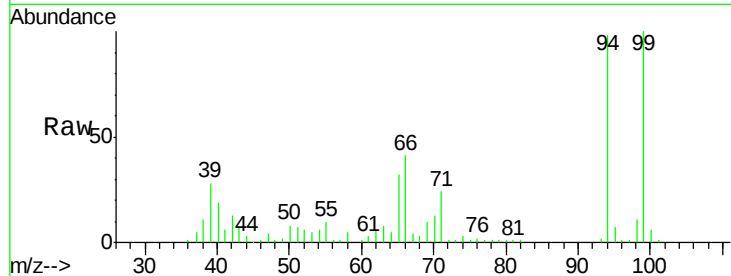




#10
Phenol
Concen: 37.99 ng
RT: 6.88 min Scan# 332
Delta R.T. 0.00 min
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Acq: 2 Jul 2015 5:19

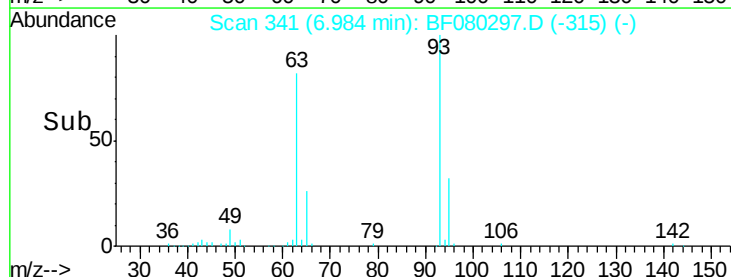
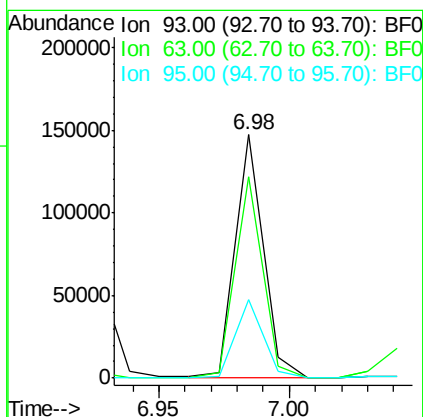
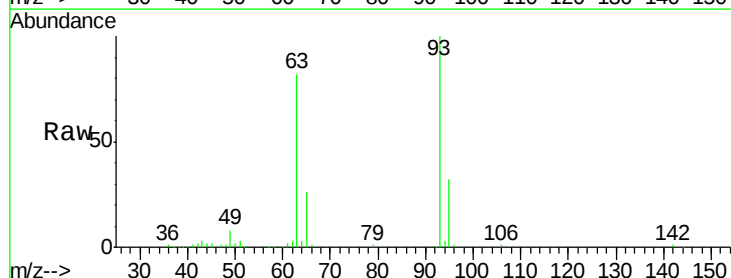
Instrument :
BNA_F
ClientSampleId :
PB84309BS

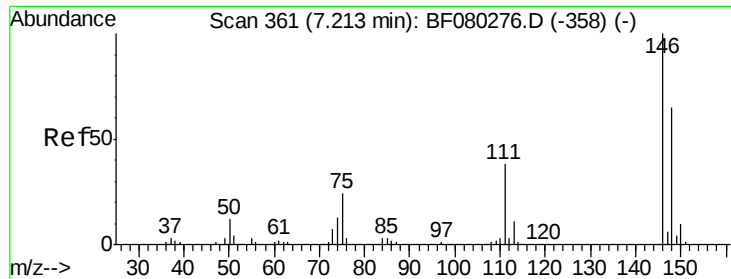
Tgt Ion: 94 Resp: 131704
Ion Ratio Lower Upper
94 100
65 32.4 9.6 49.6
66 41.8 19.7 59.7



#11
bis(2-Chloroethyl)ether
Concen: 42.65 ng
RT: 6.98 min Scan# 341
Delta R.T. 0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion: 93 Resp: 111840
Ion Ratio Lower Upper
93 100
63 82.5 61.0 101.0
95 32.2 12.0 52.0

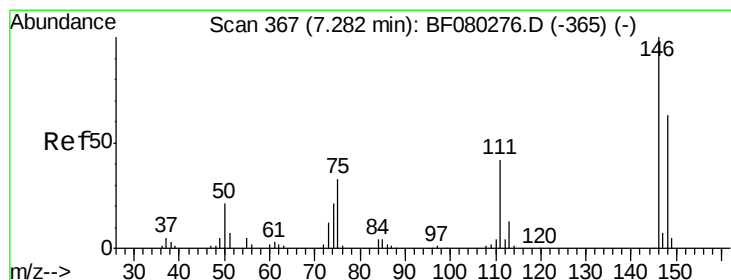
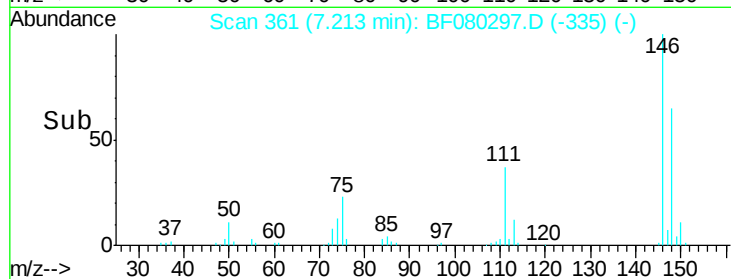
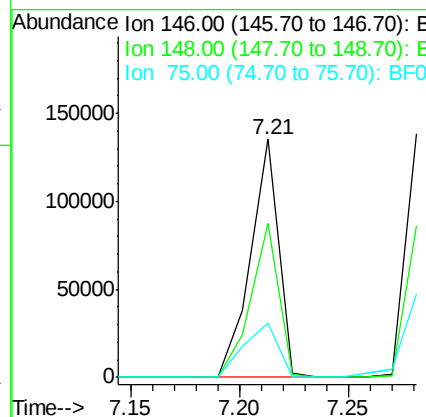
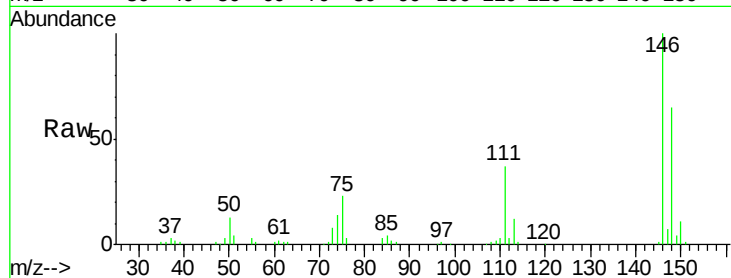




#12
 1,3-Dichlorobenzene
 Concen: 38.50 ng
 RT: 7.21 min Scan# 361
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

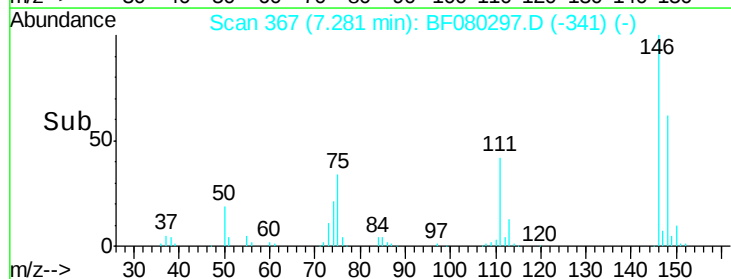
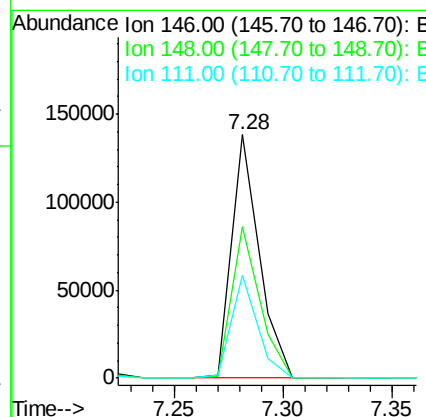
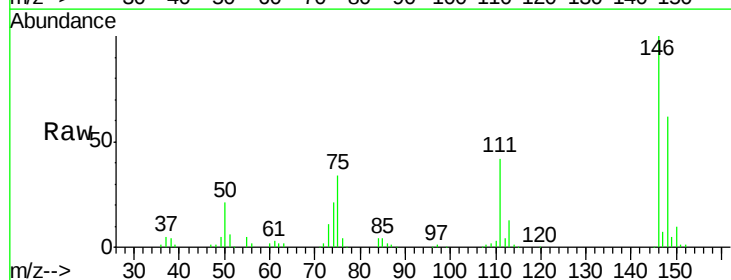
Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

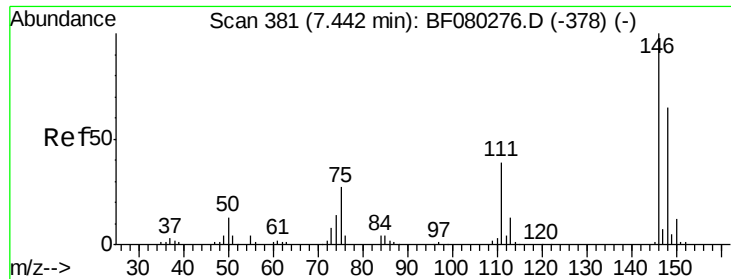
Tgt Ion:146 Resp: 120544
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 75 22.9 19.4 29.2



#13
 1,4-Dichlorobenzene
 Concen: 39.05 ng
 RT: 7.28 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion:146 Resp: 121724
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.2 75.2
 111 42.1 33.8 50.8

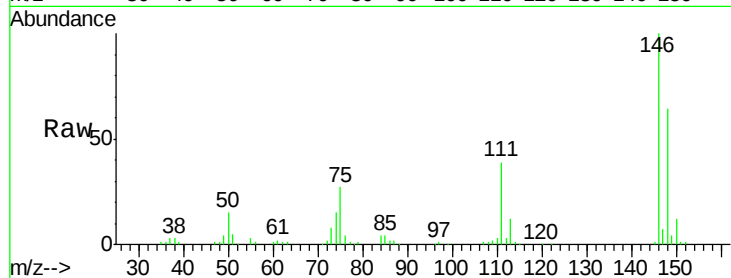




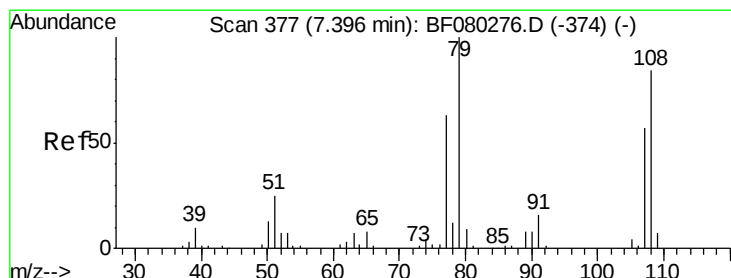
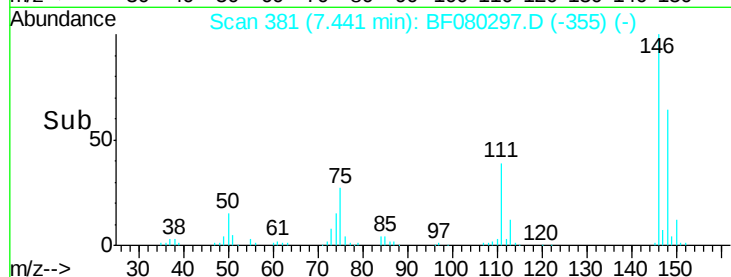
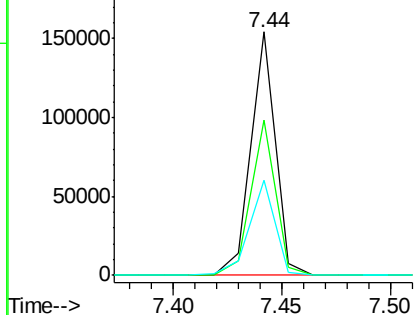
#14
 1,2-Dichlorobenzene
 Concen: 38.88 ng
 RT: 7.44 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

Tgt Ion:146 Resp: 120412
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.4
 111 39.3 31.6 47.4

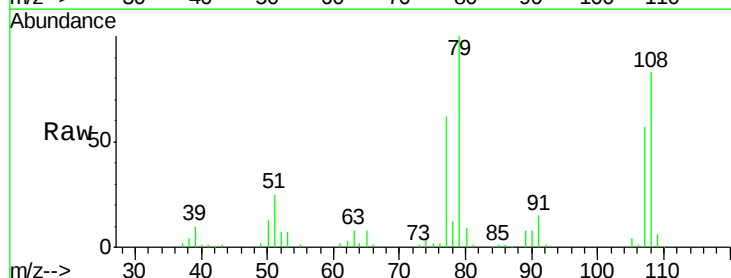


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

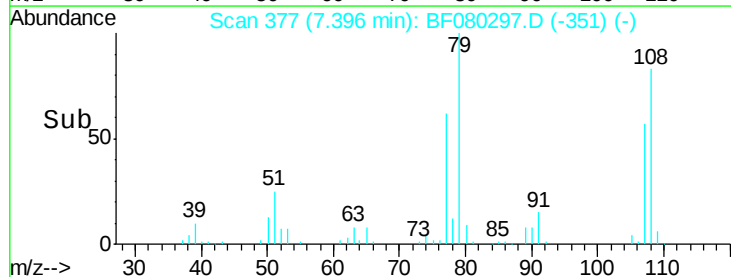
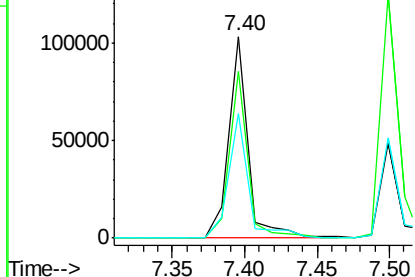


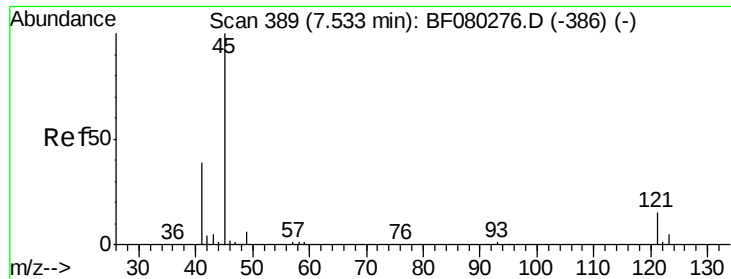
#15
 Benzyl Alcohol
 Concen: 39.63 ng
 RT: 7.40 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion: 79 Resp: 95640
 Ion Ratio Lower Upper
 79 100
 108 82.6 67.1 100.7
 77 61.7 50.7 76.1



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

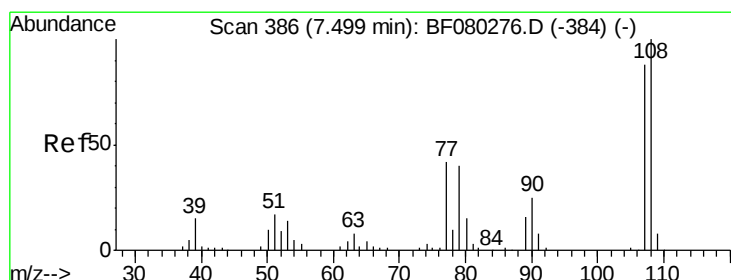
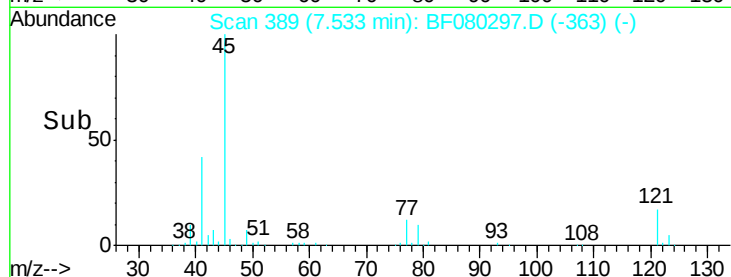
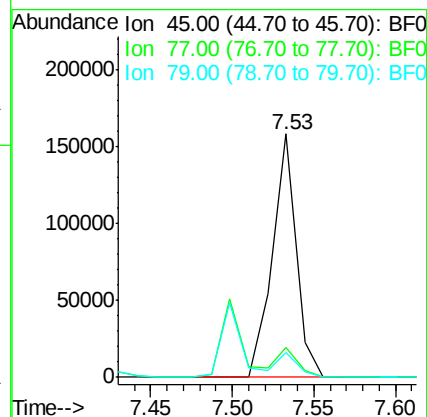
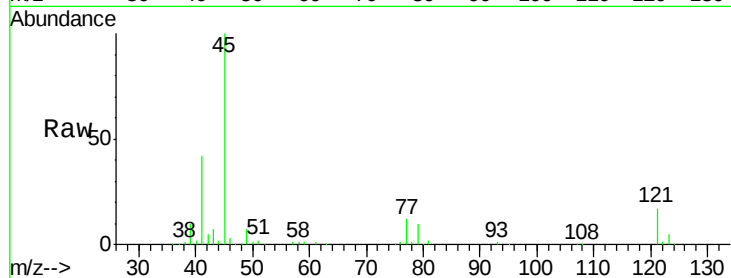




#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.27 ng
RT: 7.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

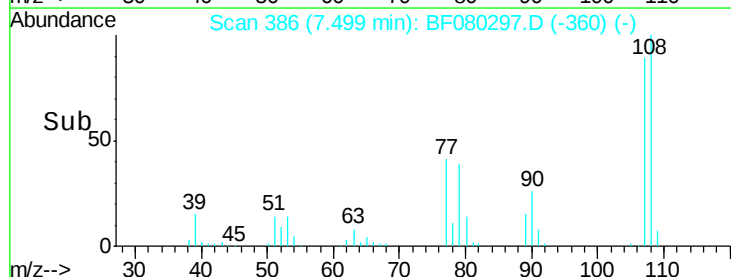
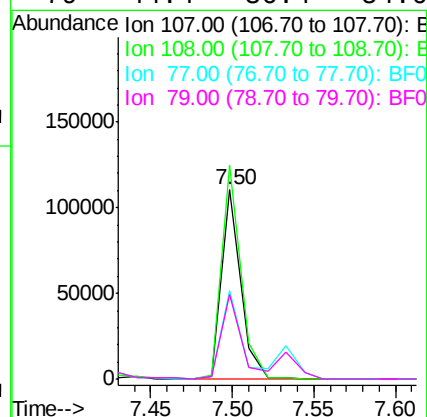
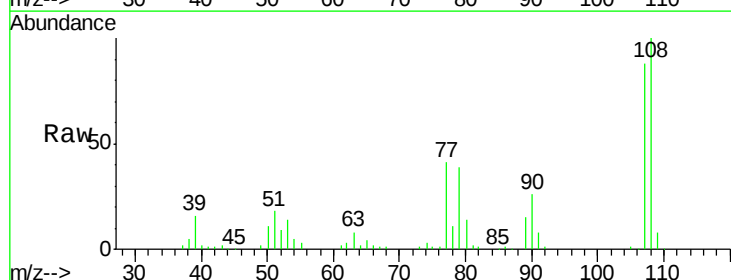
Instrument :
BNA_F
ClientSampleId :
PB84309BS

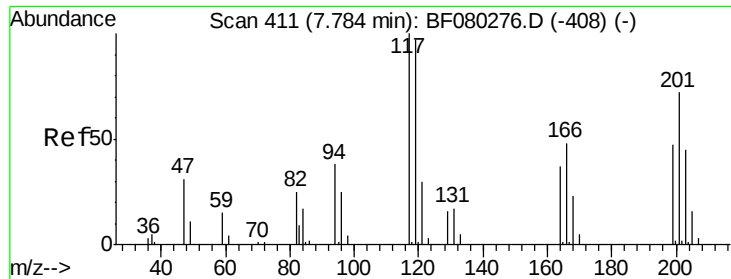
Tgt Ion: 45 Resp: 161994
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.0
79 10.1 0.0 29.3



#17
2-Methylphenol
Concen: 40.89 ng
RT: 7.50 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion: 107 Resp: 90677
Ion Ratio Lower Upper
107 100
108 113.0 90.6 136.0
77 46.6 38.0 57.0
79 44.4 36.4 54.6

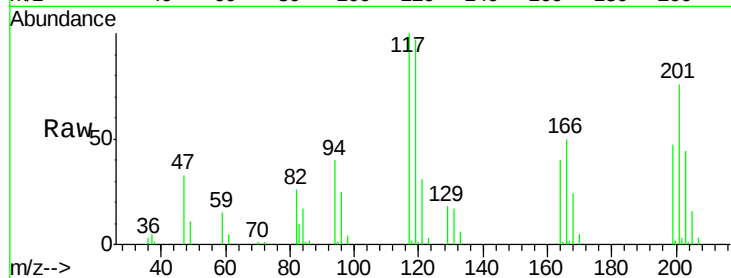




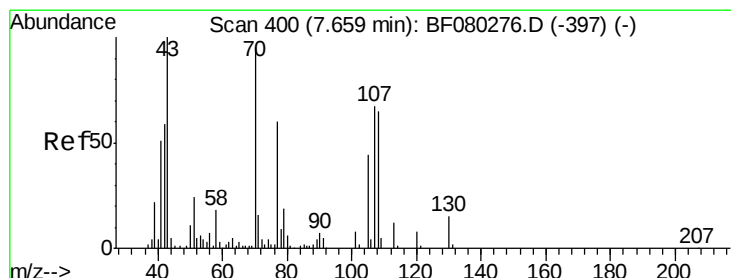
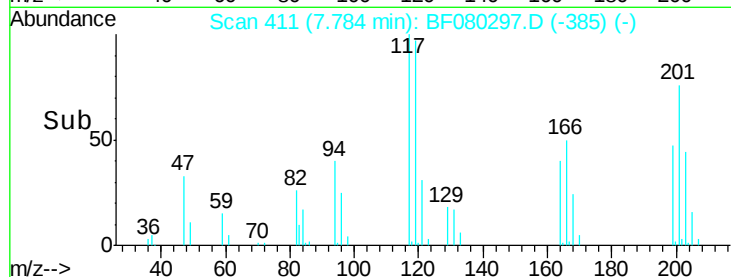
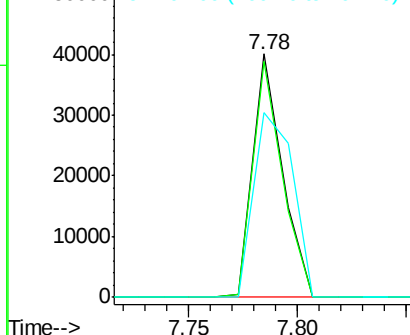
#18
Hexachloroethane
Concen: 39.02 ng
RT: 7.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Instrument :
BNA_F
ClientSampleId :
PB84309BS

Tgt Ion: 117 Resp: 37972
Ion Ratio Lower Upper
117 100
119 97.1 77.3 115.9
201 75.9 57.5 86.3



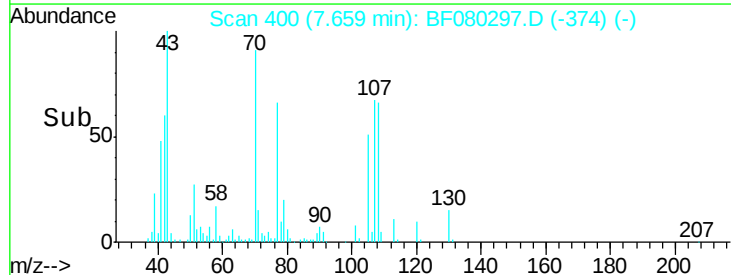
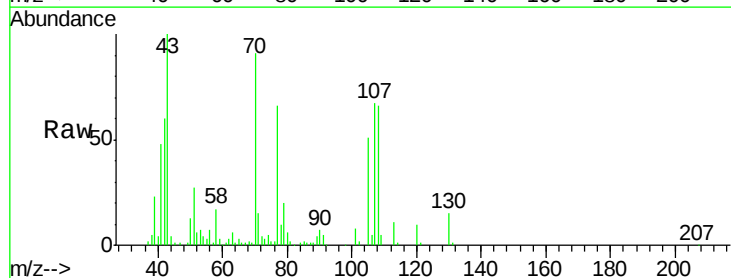
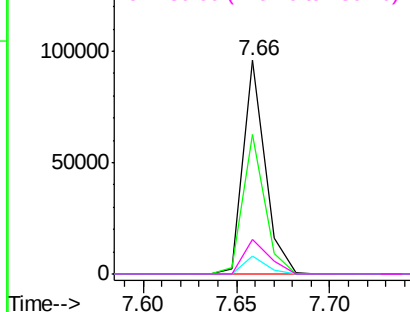
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

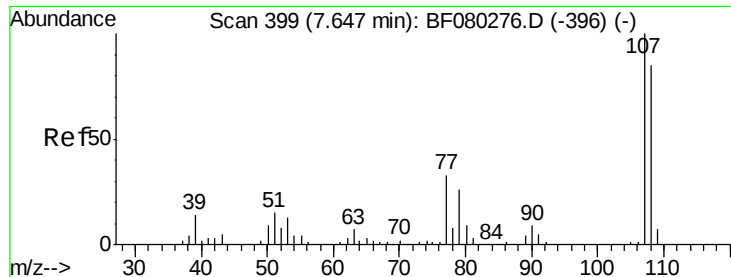


#19
n-Nitroso-di-n-propylamine
Concen: 37.76 ng
RT: 7.66 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion: 70 Resp: 78685
Ion Ratio Lower Upper
70 100
42 65.4 49.8 74.8
101 8.6 6.8 10.2
130 16.1 13.0 19.4

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

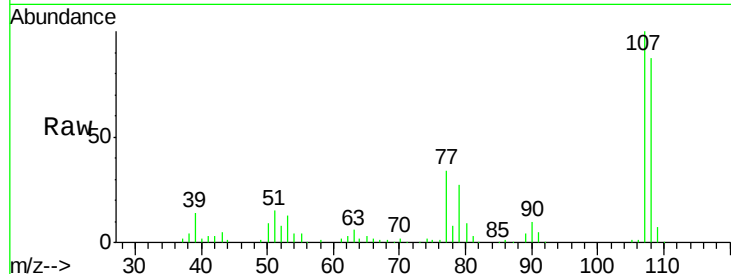




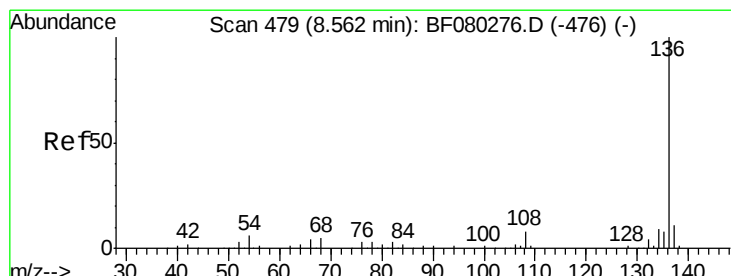
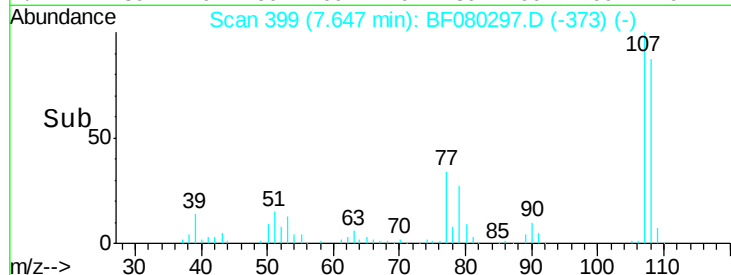
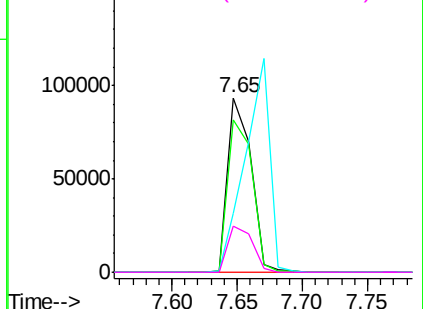
#20
 3+4-Methylphenols
 Concen: 39.70 ng
 RT: 7.65 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

Tgt Ion:	107	Resp:	116943
Ion	Ratio	Lower	Upper
107	100		
108	87.1	64.9	104.9
77	33.9	12.9	52.9
79	26.7	5.8	45.8

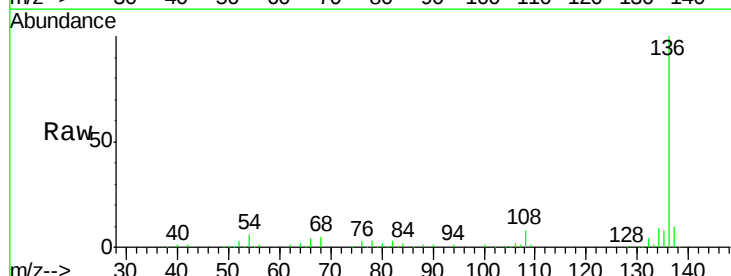


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

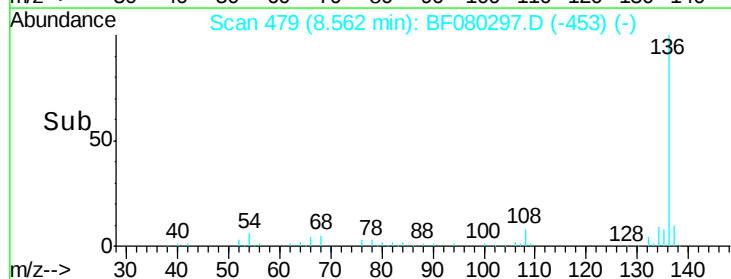
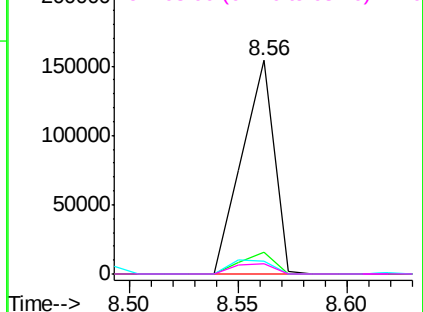


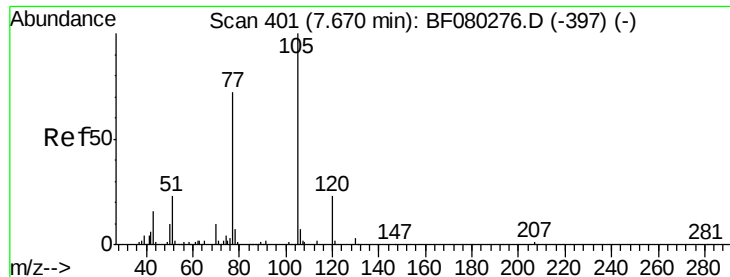
#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.56 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion:	136	Resp:	158015
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.4	12.6
54	6.0	4.9	7.3
68	4.6	4.0	6.0



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

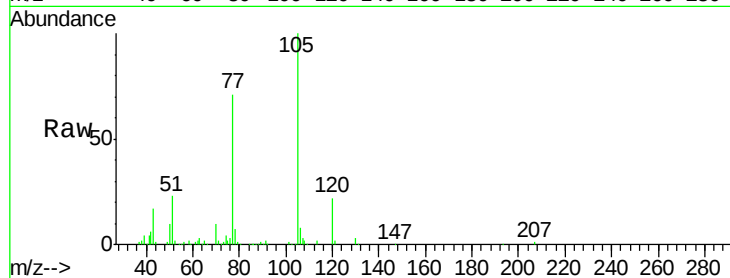




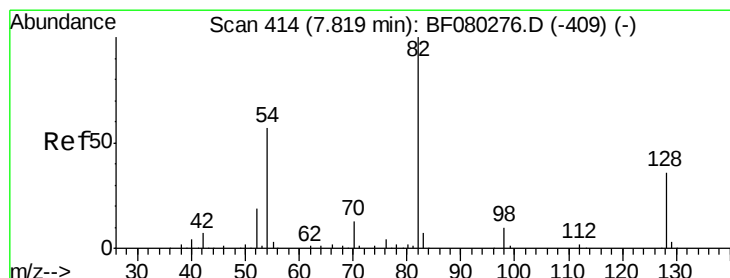
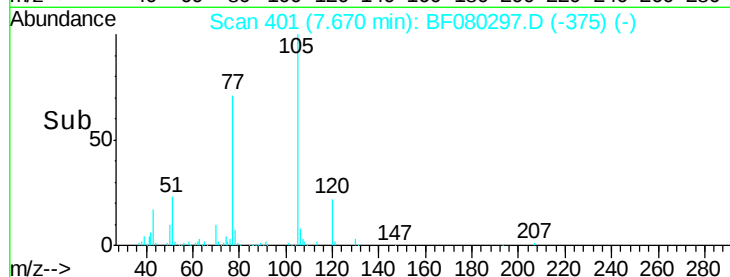
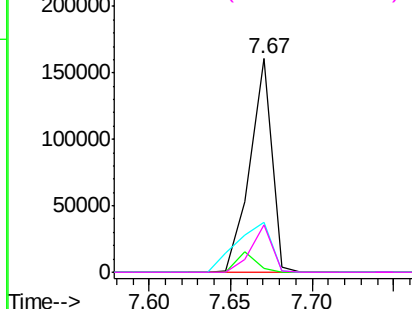
#22
Acetophenone
Concen: 40.61 ng
RT: 7.67 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Instrument :
BNA_F
ClientSampleId :
PB84309BS

Tgt Ion: 105 Resp: 149929
Ion Ratio Lower Upper
105 100
71 1.8 1.4 2.0
51 23.2 18.5 27.7
120 22.3 18.1 27.1

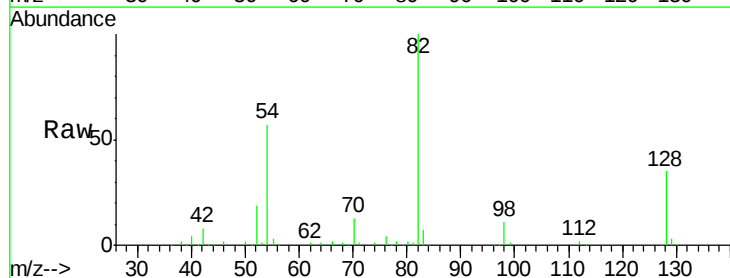


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

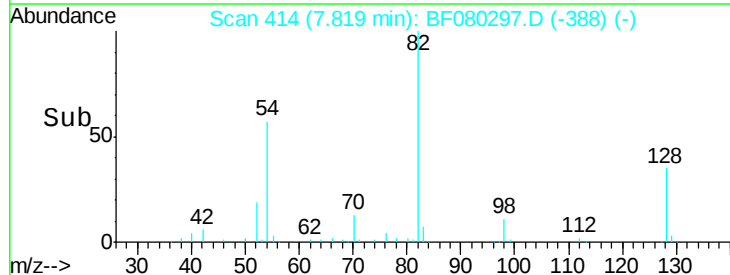
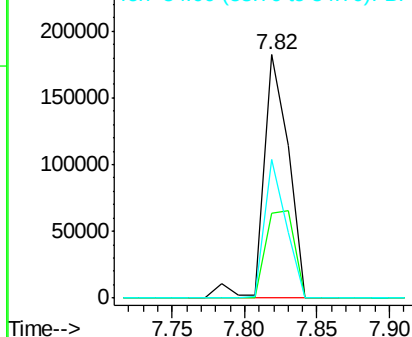


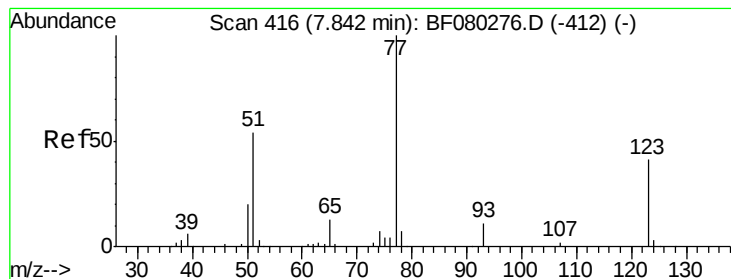
#23
Nitrobenzene-d5
Concen: 74.76 ng
RT: 7.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion: 82 Resp: 214558
Ion Ratio Lower Upper
82 100
128 35.1 29.0 43.4
54 56.9 45.3 67.9



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





#24

Nitrobenzene

Concen: 41.22 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Instrument :

BNA_F

ClientSampleId :

PB84309BS

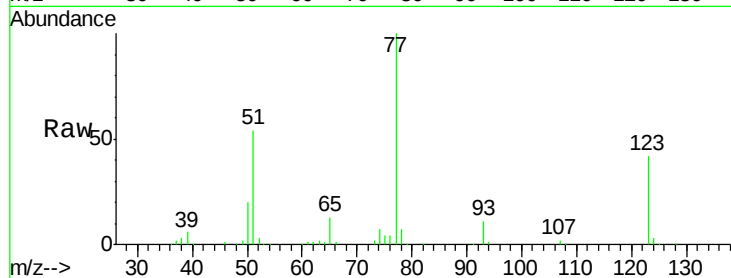
Tgt Ion: 77 Resp: 122658

Ion Ratio Lower Upper

77 100

123 42.3 33.0 49.6

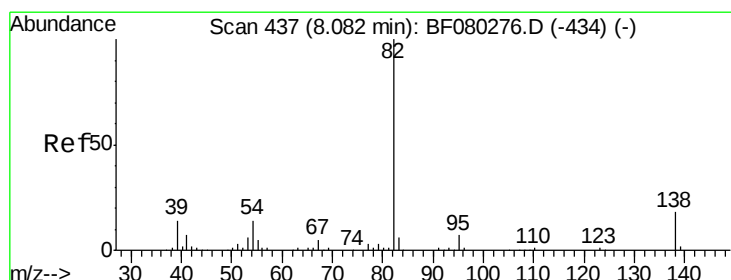
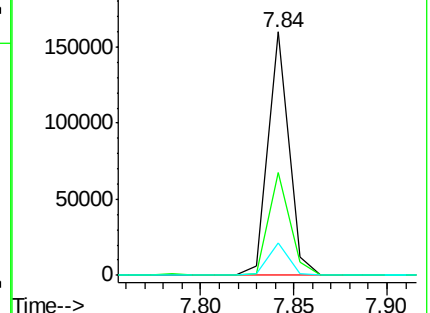
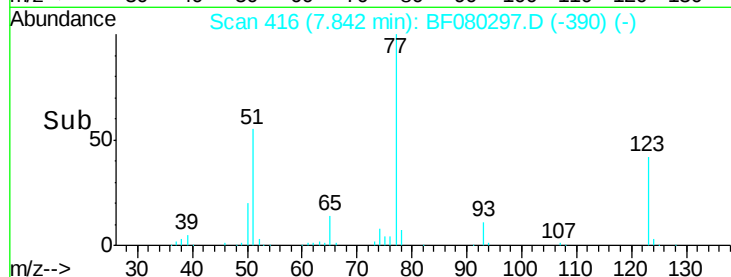
65 13.3 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 38.56 ng

RT: 8.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

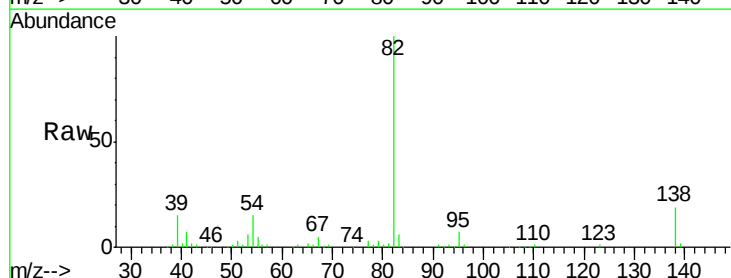
Tgt Ion: 82 Resp: 215086

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

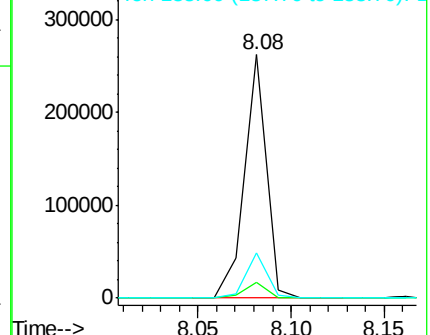
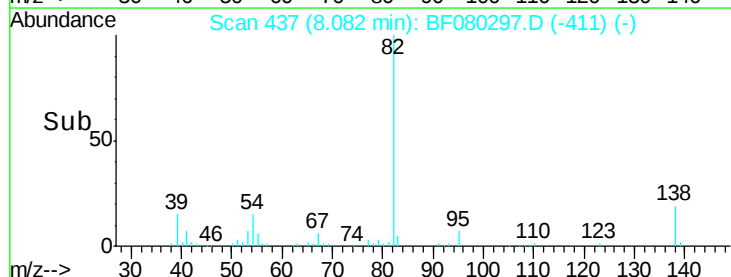
138 18.6 14.4 21.6

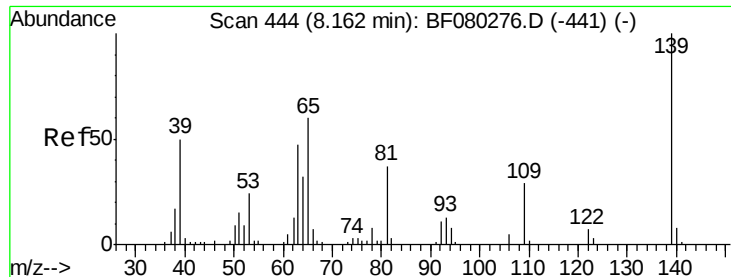


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

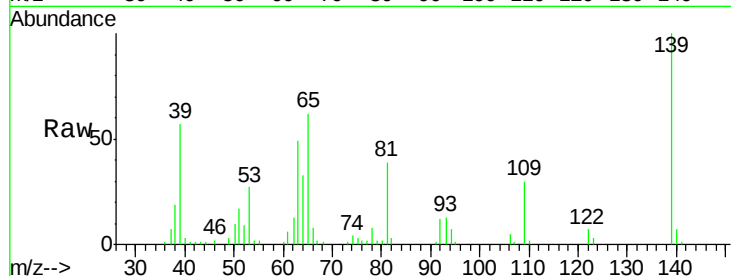




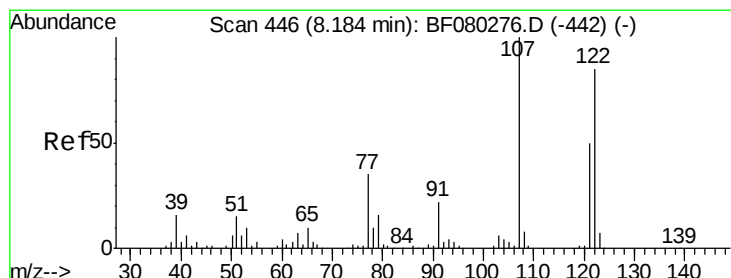
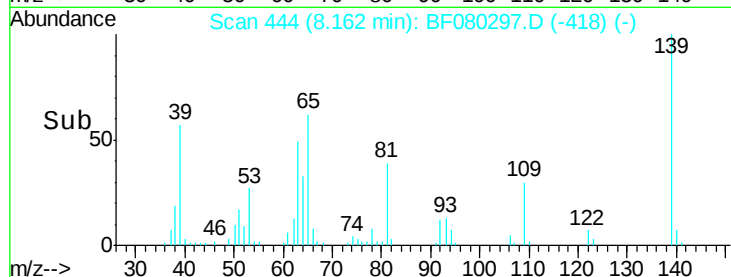
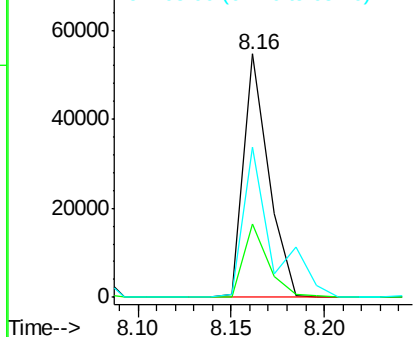
#26
2-Nitrophenol
Concen: 39.33 ng
RT: 8.16 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Instrument :
BNA_F
ClientSampleId :
PB84309BS

Tgt Ion:139 Resp: 51108
Ion Ratio Lower Upper
139 100
109 29.9 23.1 34.7
65 61.6 47.6 71.4

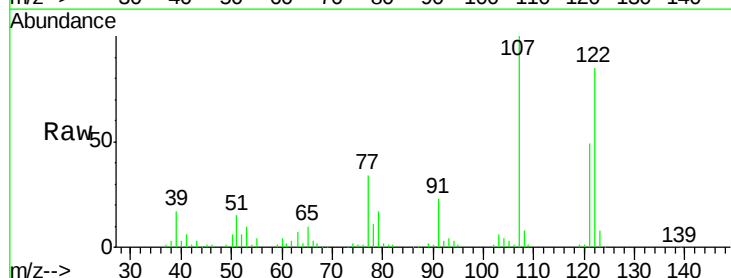


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

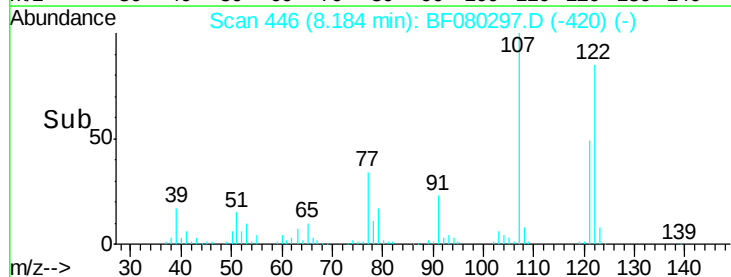
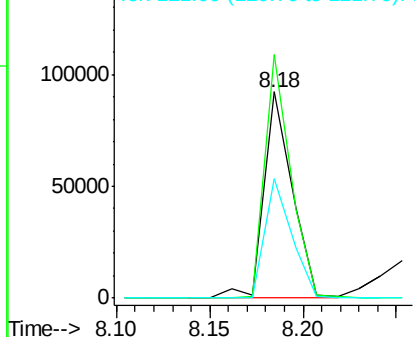


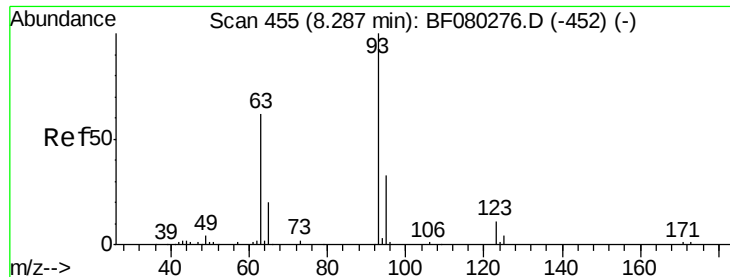
#27
2,4-Dimethylphenol
Concen: 40.20 ng
RT: 8.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion:122 Resp: 95913
Ion Ratio Lower Upper
122 100
107 118.2 93.7 140.5
121 58.2 46.9 70.3



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



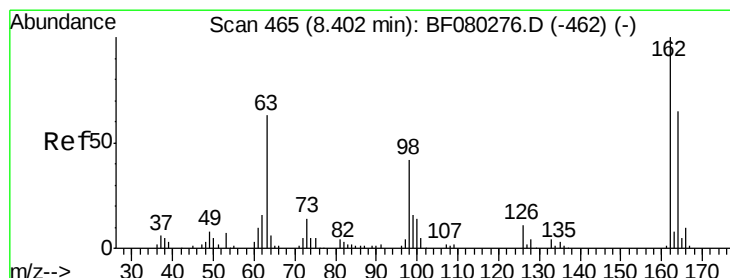
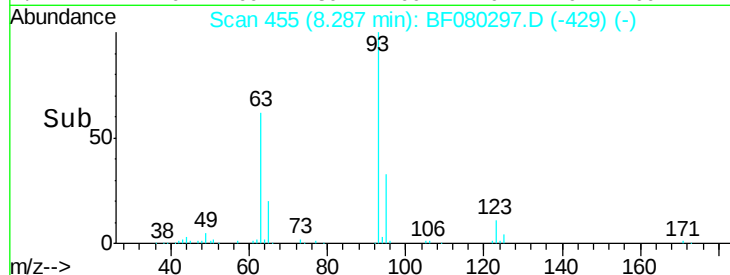
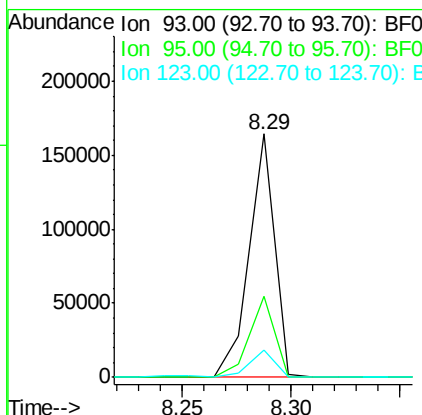
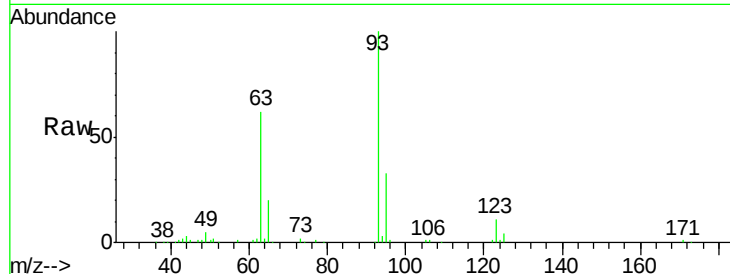


#28
bis(2-Chloroethoxy)methane
Concen: 39.86 ng
RT: 8.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Instrument :
BNA_F
ClientSampleId :
PB84309BS

Tgt Ion: 93 Resp: 133449

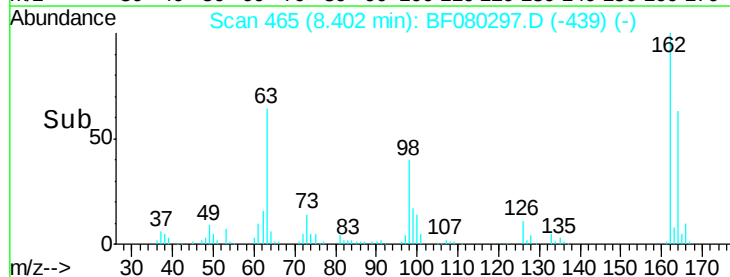
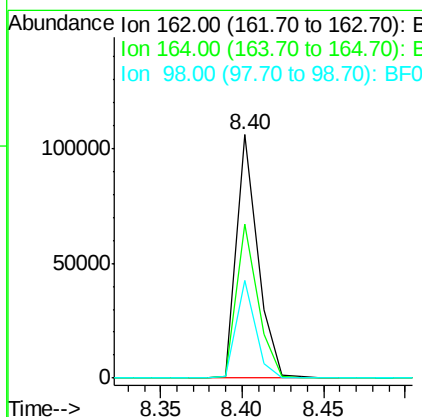
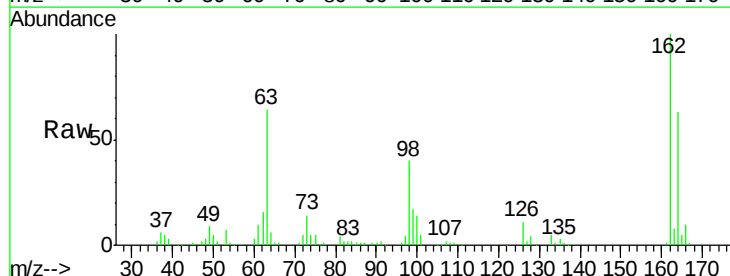
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	39.8
123	11.3	9.2	13.8

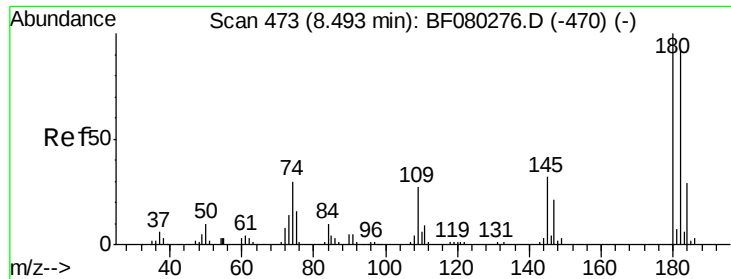


#29
2,4-Dichlorophenol
Concen: 43.01 ng
RT: 8.40 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion: 162 Resp: 94771

Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	39.9	21.7	61.7

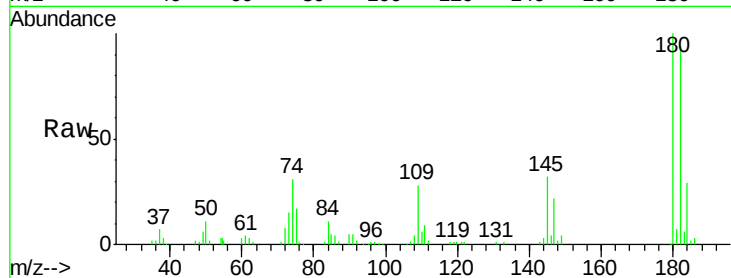




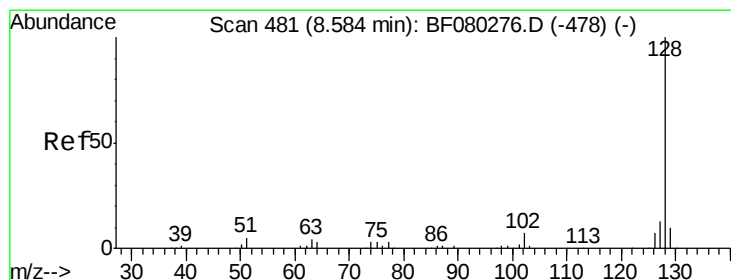
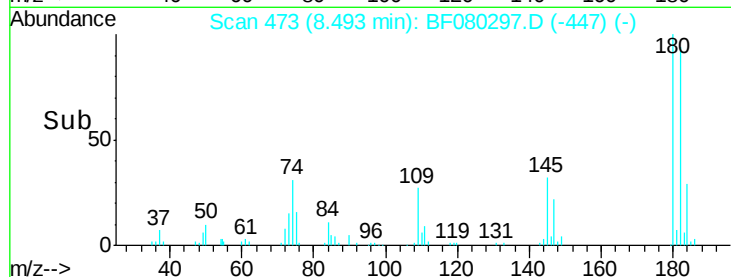
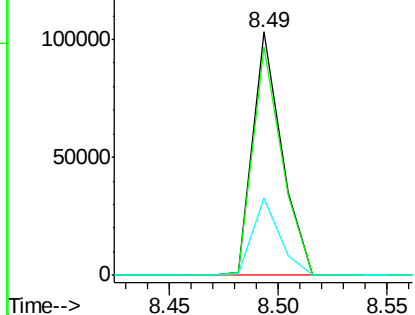
#30
 1,2,4-Trichlorobenzene
 Concen: 37.20 ng
 RT: 8.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

Tgt Ion:180 Resp: 95615
 Ion Ratio Lower Upper
 180 100
 182 93.7 73.8 110.6
 145 32.0 25.6 38.4

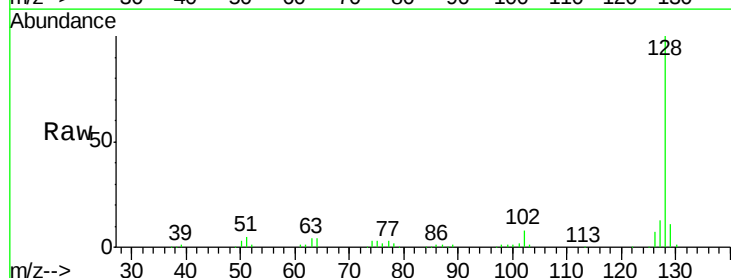


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

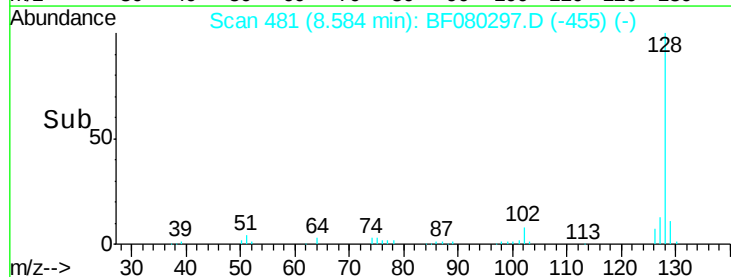
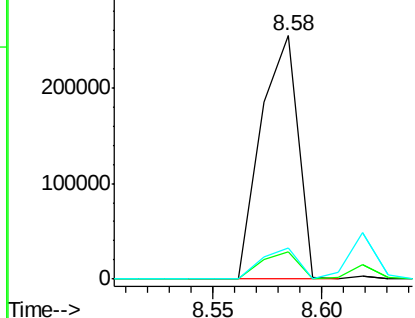


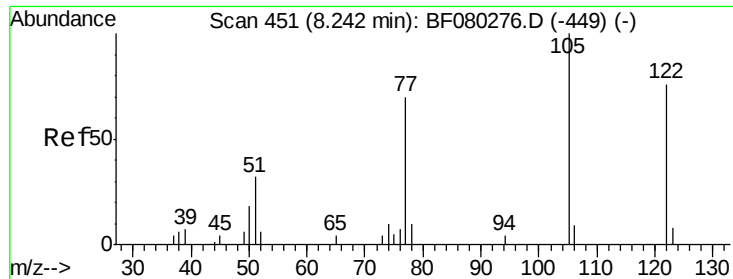
#31
 Naphthalene
 Concen: 37.69 ng
 RT: 8.58 min Scan# 481
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion:128 Resp: 303385
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.2 12.4
 127 13.0 10.4 15.6



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





#32

Benzoic acid

Concen: 57.37 ng

RT: 8.25 min Scan# 452

Delta R.T. 0.01 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Instrument :

BNA_F

ClientSampleId :

PB84309BS

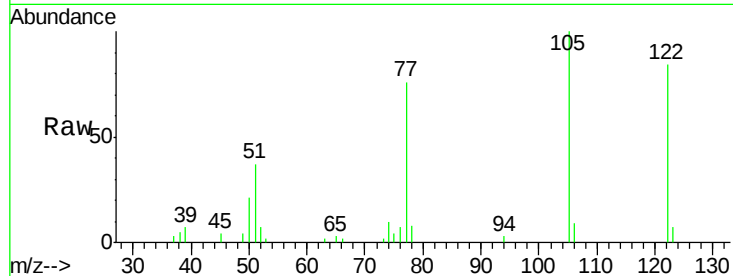
Tgt Ion:122 Resp: 31322

Ion Ratio Lower Upper

122 100

105 119.1 103.3 143.3

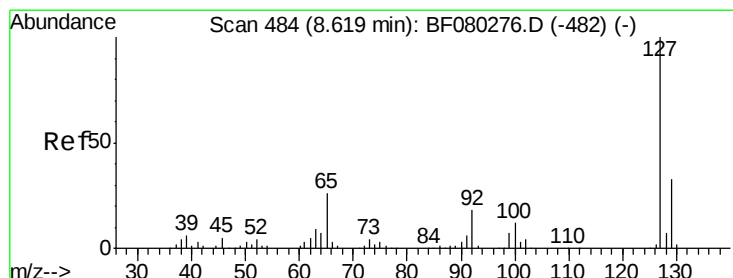
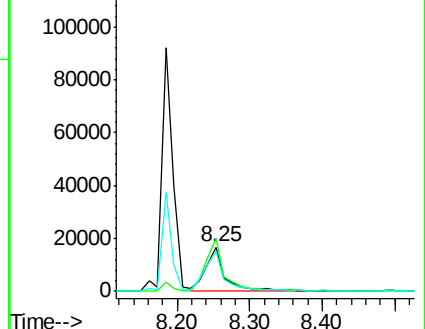
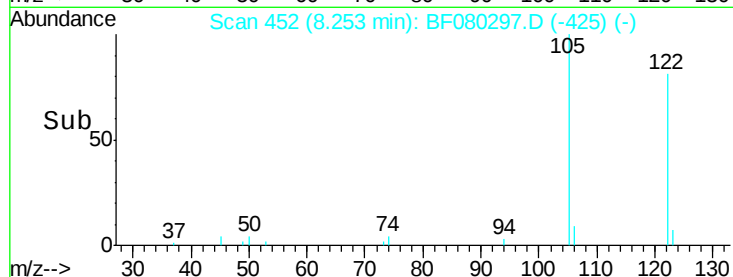
77 90.5 71.5 111.5



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: 12.24 ng

RT: 8.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Tgt Ion:127 Resp: 41791

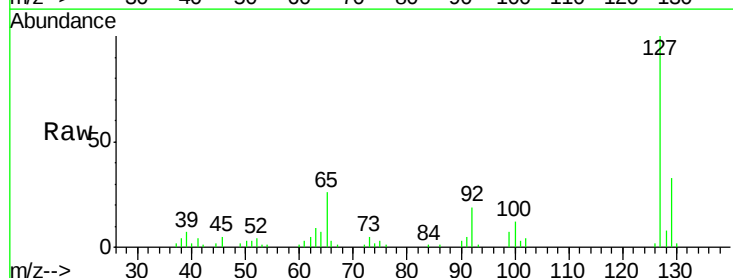
Ion Ratio Lower Upper

127 100

129 32.8 26.4 39.6

65 26.4 21.0 31.6

92 18.9 14.1 21.1

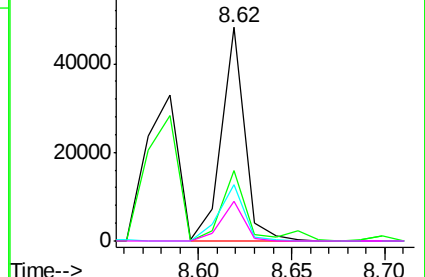
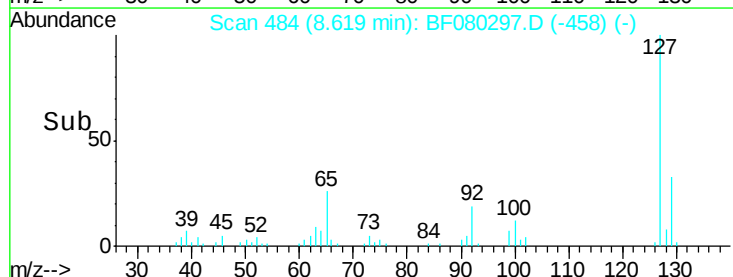


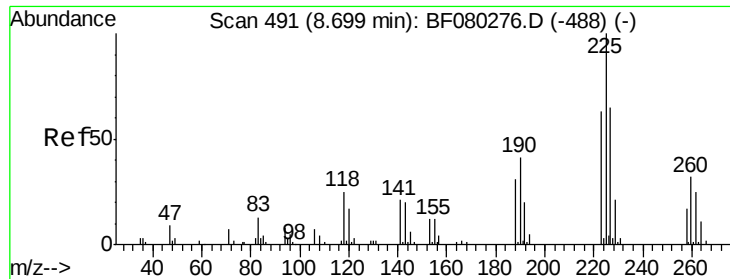
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

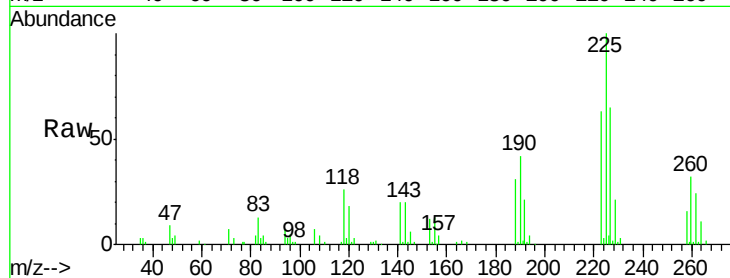




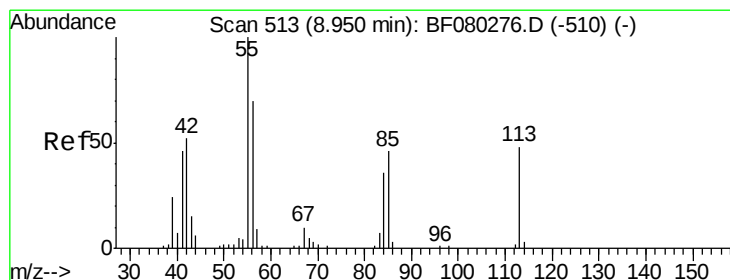
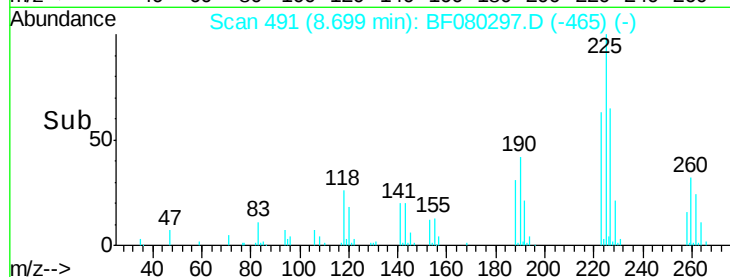
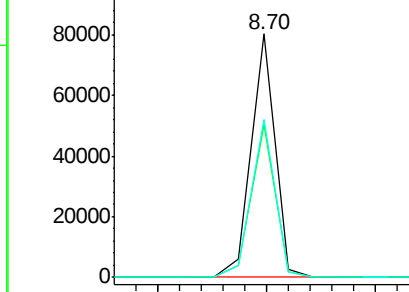
#34
Hexachlorobutadiene
Concen: 37.79 ng
RT: 8.70 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Instrument :
BNA_F
ClientSampleId :
PB84309BS

Tgt Ion: 225 Resp: 61192
Ion Ratio Lower Upper
225 100
223 62.9 50.5 75.7
227 64.8 51.8 77.8

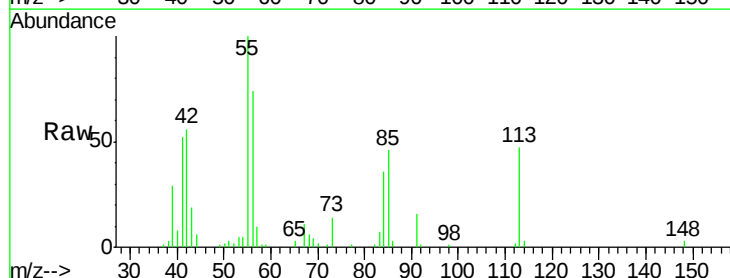


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

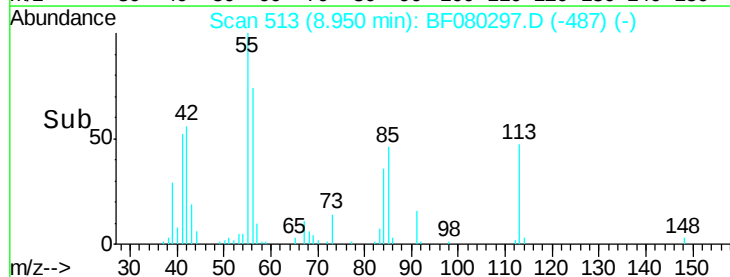
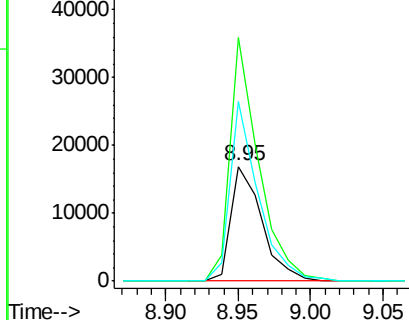


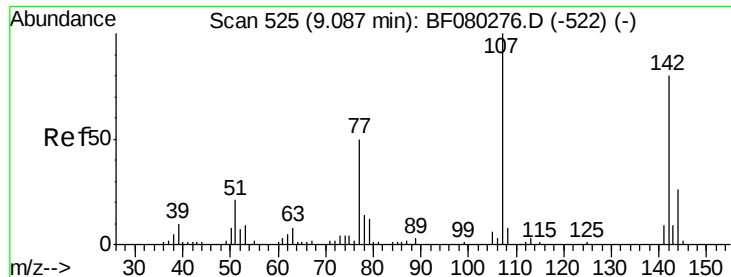
#35
Caprolactam
Concen: 37.73 ng
RT: 8.95 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion: 113 Resp: 25224
Ion Ratio Lower Upper
113 100
55 212.7 189.7 229.7
56 156.5 127.2 167.2



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

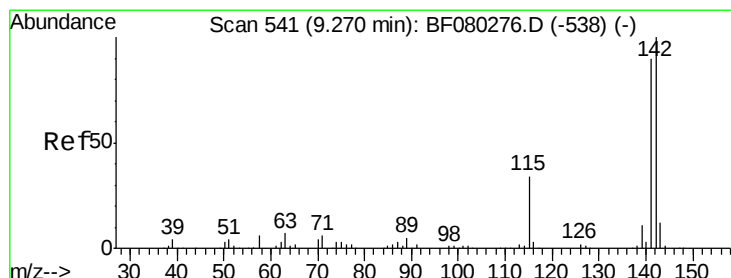
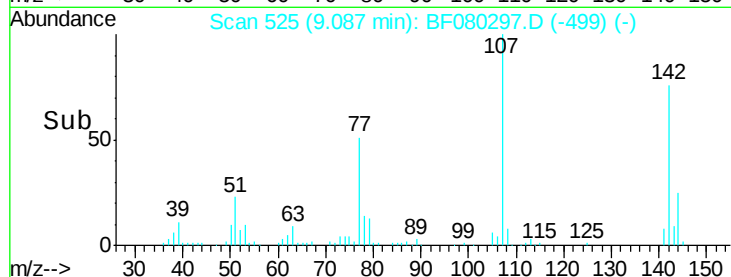
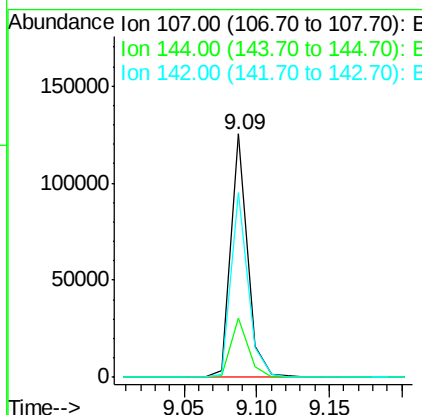
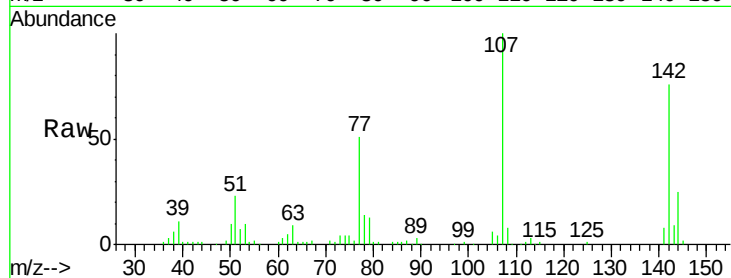




#36
 4-Chloro-3-methylphenol
 Concen: 42.23 ng
 RT: 9.09 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

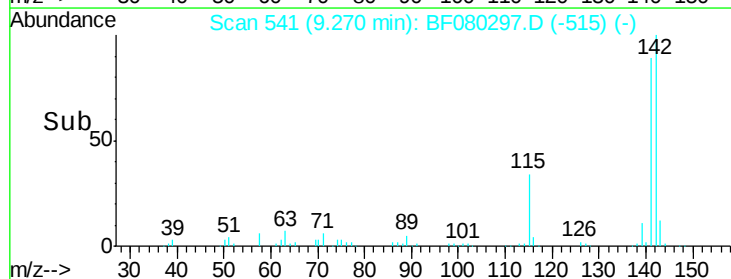
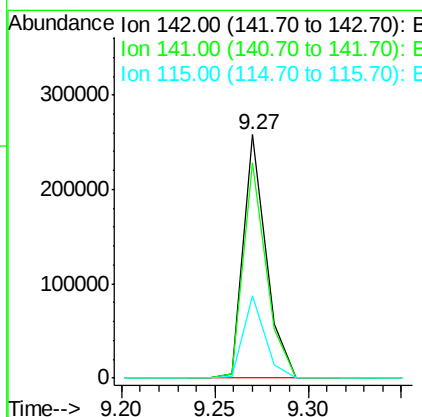
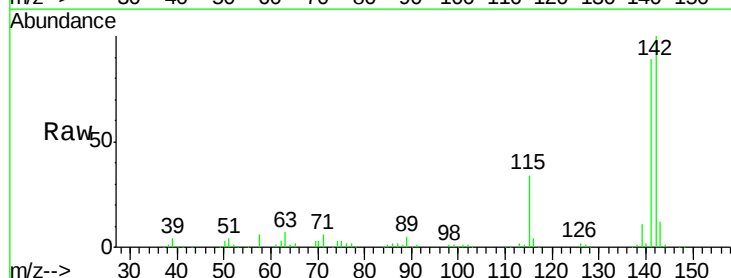
Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

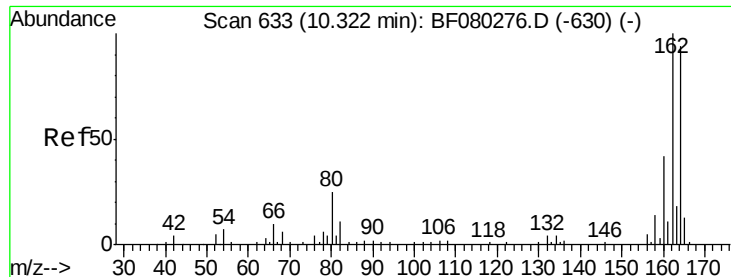
Tgt Ion:107 Resp: 100747
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.4 30.6
 142 75.7 63.8 95.6



#37
 2-Methylnaphthalene
 Concen: 39.97 ng
 RT: 9.27 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion:142 Resp: 220301
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.8 107.6
 115 34.0 27.4 41.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Instrument :

BNA_F

ClientSampleId :

PB84309BS

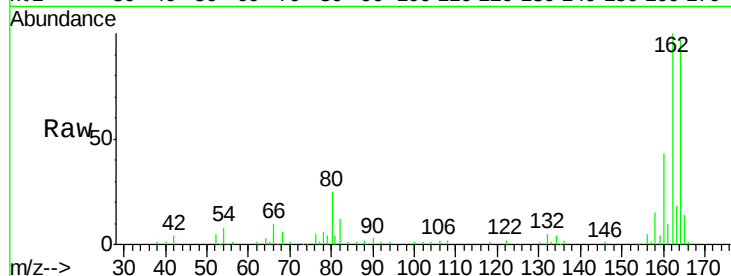
Tgt Ion:164 Resp: 81437

Ion Ratio Lower Upper

164 100

162 103.2 84.8 127.2

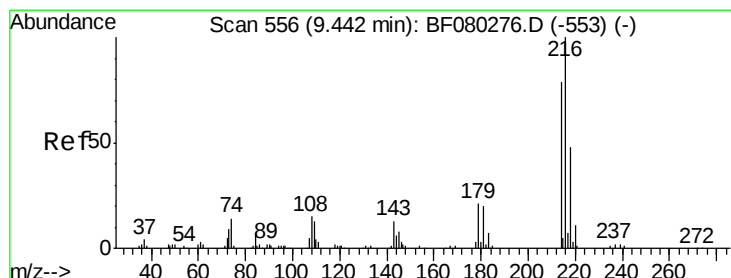
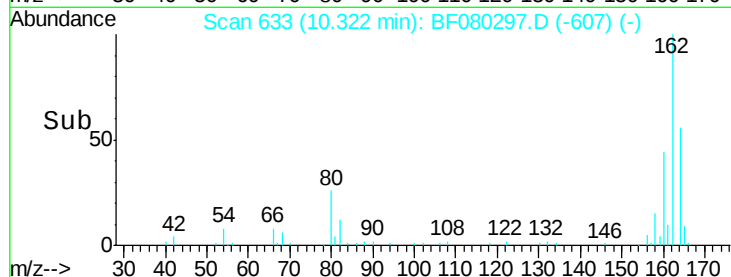
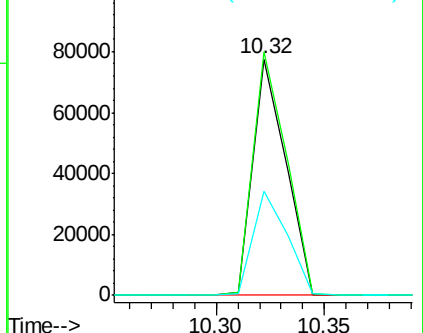
160 43.9 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.91 ng

RT: 9.44 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Tgt Ion:216 Resp: 105454

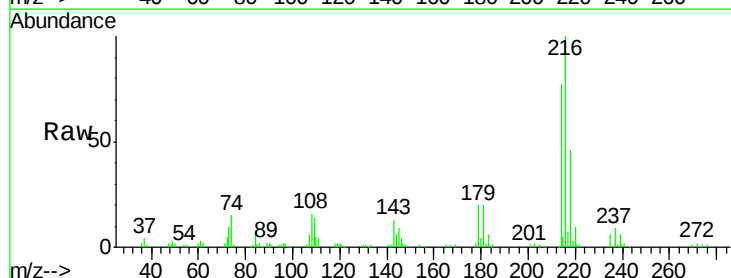
Ion Ratio Lower Upper

216 100

214 77.5 63.0 94.6

179 20.3 16.8 25.2

108 19.5 13.8 20.8

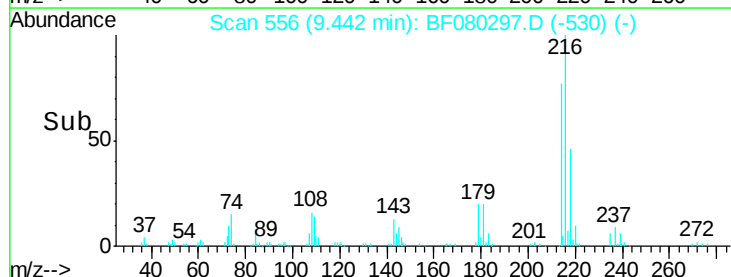
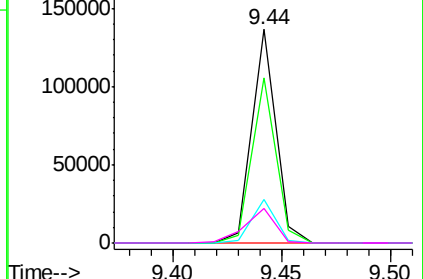


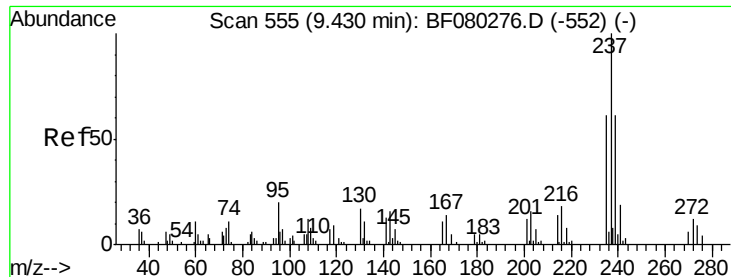
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

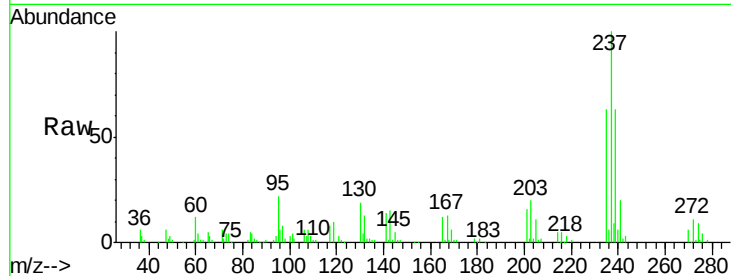




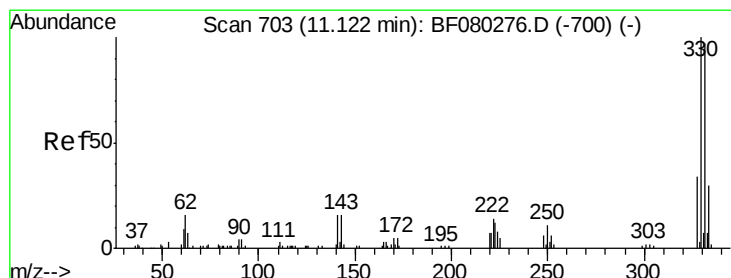
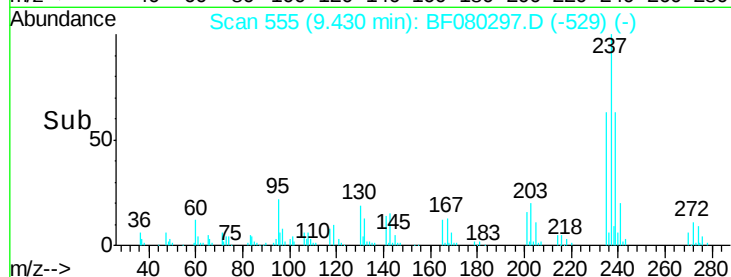
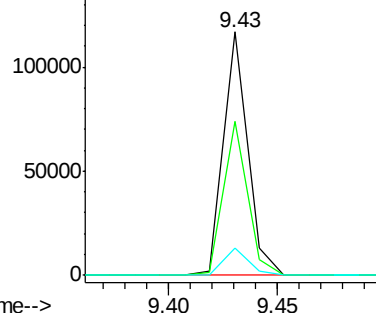
#40
Hexachlorocyclopentadiene
Concen: 84.35 ng
RT: 9.43 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Instrument :
BNA_F
ClientSampleId :
PB84309BS

Tgt Ion:237 Resp: 90517
Ion Ratio Lower Upper
237 100
235 63.4 41.3 81.3
272 11.1 0.0 31.8

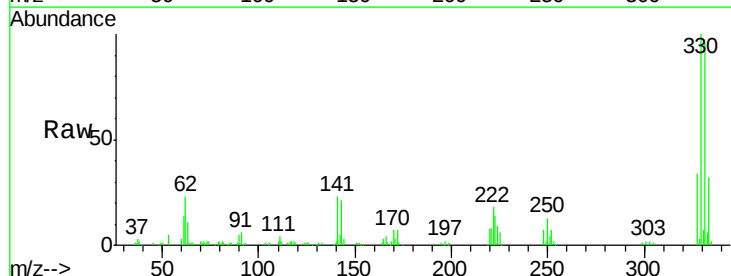


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

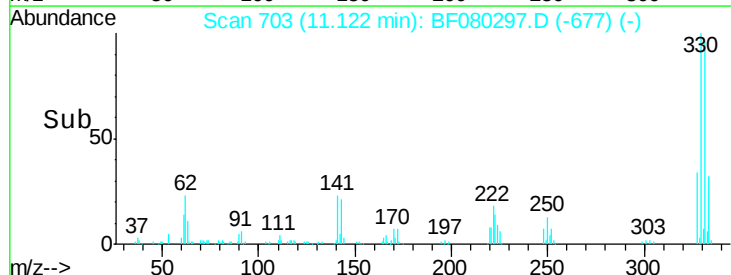
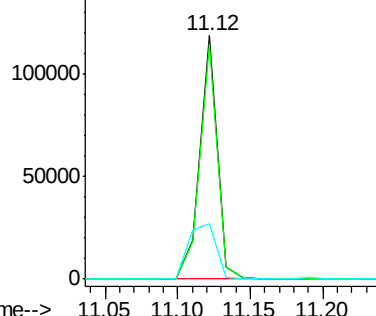


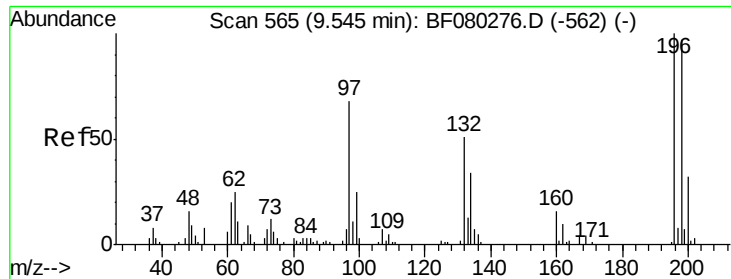
#41
2,4,6-Tribromophenol
Concen: 127.89 ng
RT: 11.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion:330 Resp: 99171
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 35.6 28.0 42.0



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

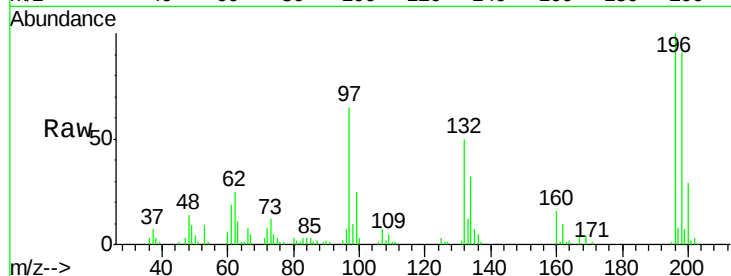




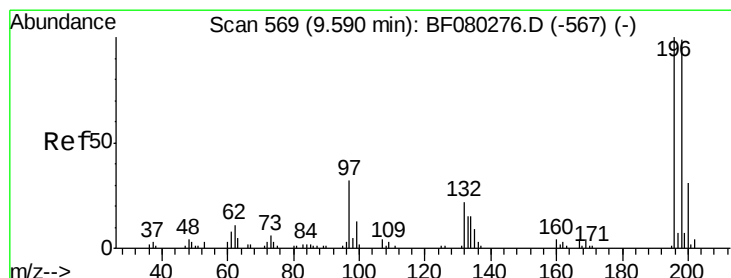
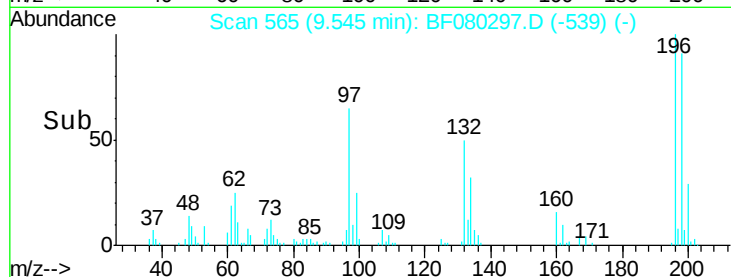
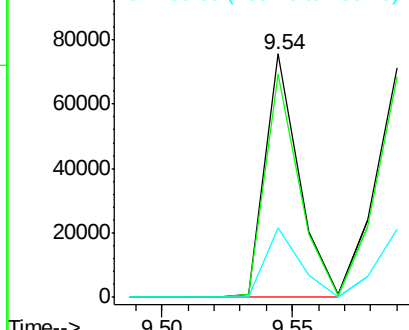
#42
 2,4,6-Trichlorophenol
 Concen: 39.00 ng
 RT: 9.54 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

Tgt Ion:196 Resp: 66907
 Ion Ratio Lower Upper
 196 100
 198 91.4 77.7 116.5
 200 28.8 25.6 38.4

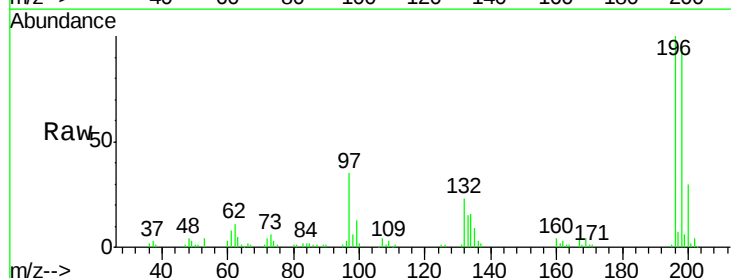


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

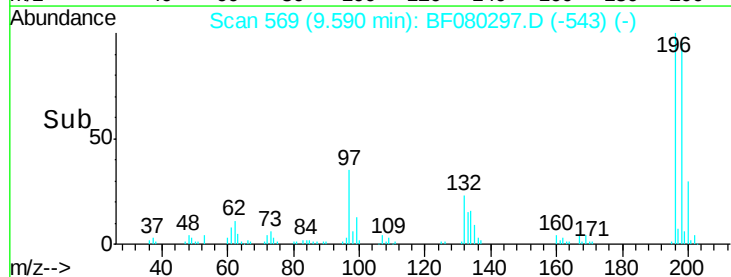
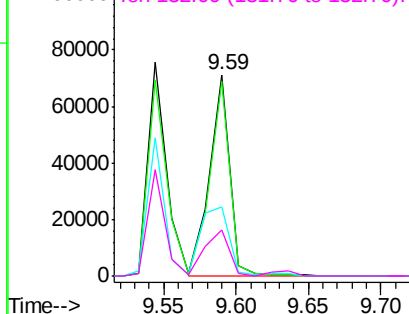


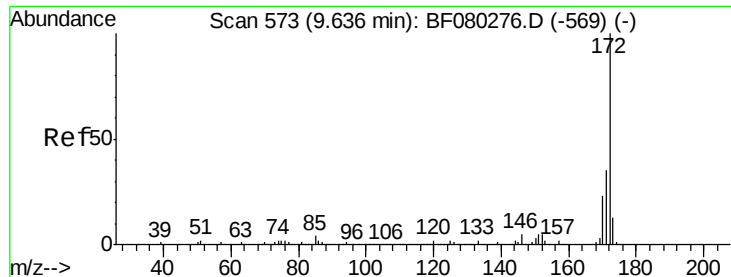
#43
 2,4,5-Trichlorophenol
 Concen: 37.43 ng
 RT: 9.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion:196 Resp: 69169
 Ion Ratio Lower Upper
 196 100
 198 96.4 79.4 119.2
 97 34.6 25.9 38.9
 132 22.9 17.3 25.9



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

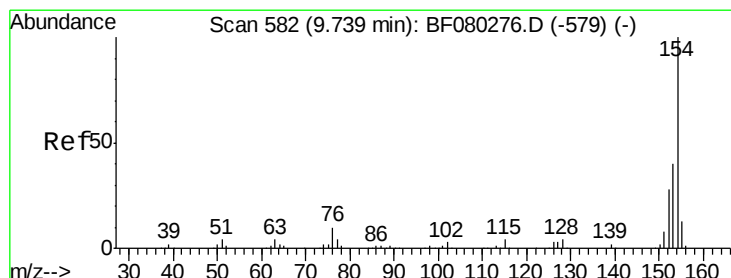
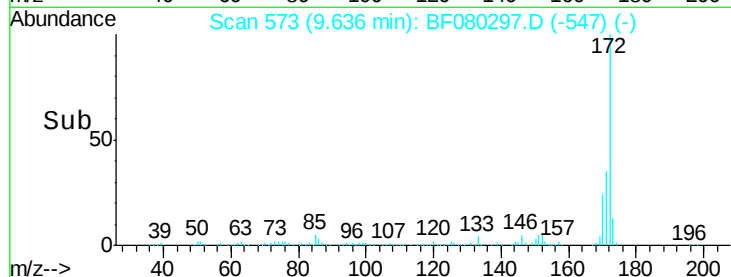
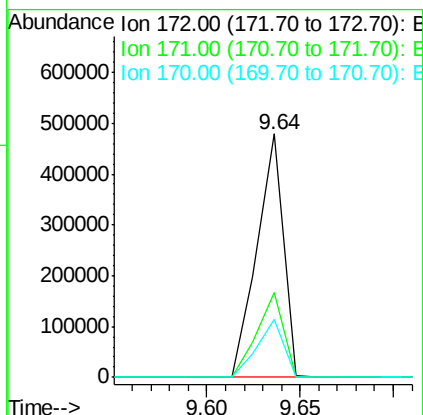
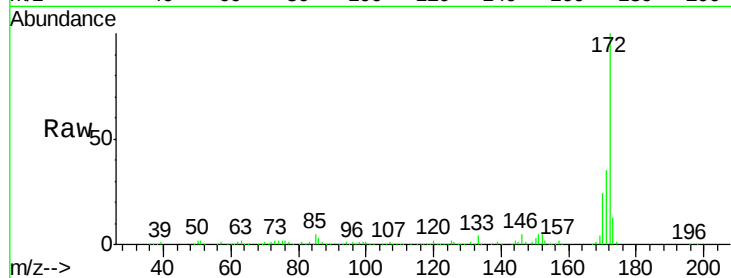




#44
2-Fluorobiphenyl
Concen: 82.28 ng
RT: 9.64 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

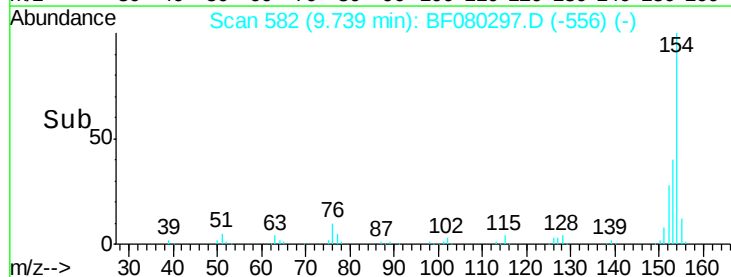
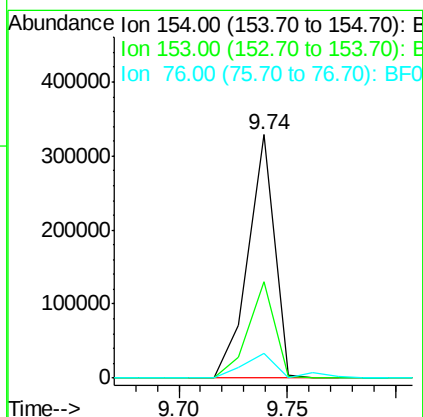
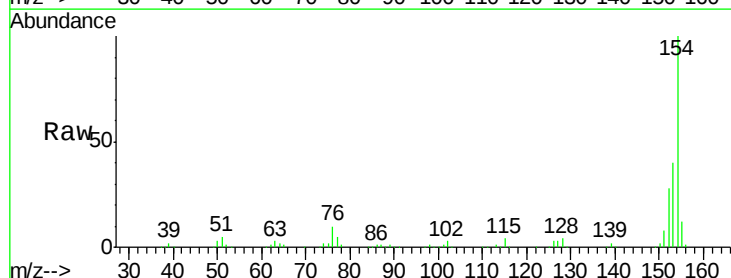
Instrument :
BNA_F
ClientSampleId :
PB84309BS

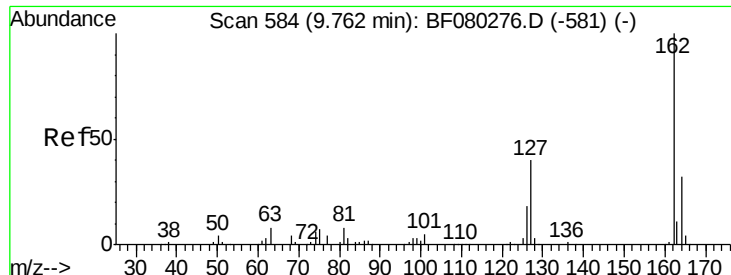
Tgt Ion:172 Resp: 465553
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 18.6 28.0



#45
1,1'-Biphenyl
Concen: 39.97 ng
RT: 9.74 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion:154 Resp: 276828
Ion Ratio Lower Upper
154 100
153 39.6 20.3 60.3
76 10.1 0.0 30.3

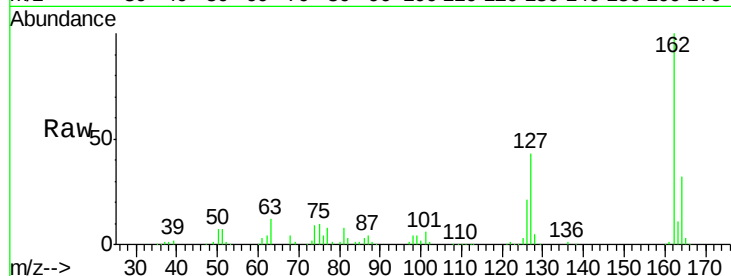




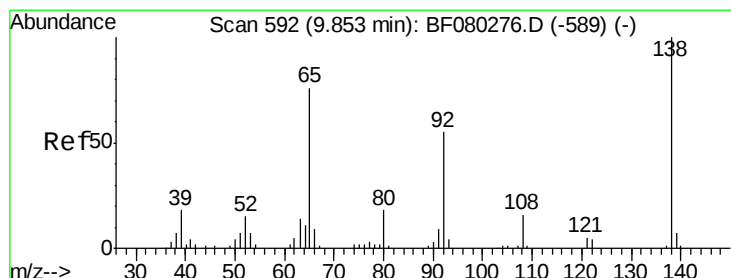
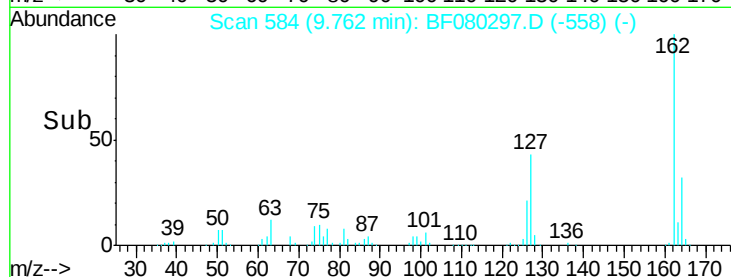
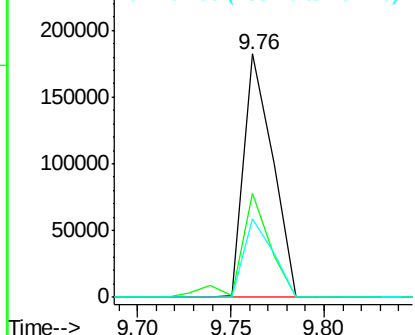
#46
 2-Chloronaphthalene
 Concen: 36.47 ng
 RT: 9.76 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

Tgt Ion: 162 Resp: 195475
 Ion Ratio Lower Upper
 162 100
 127 42.9 33.4 50.0
 164 32.4 25.3 37.9

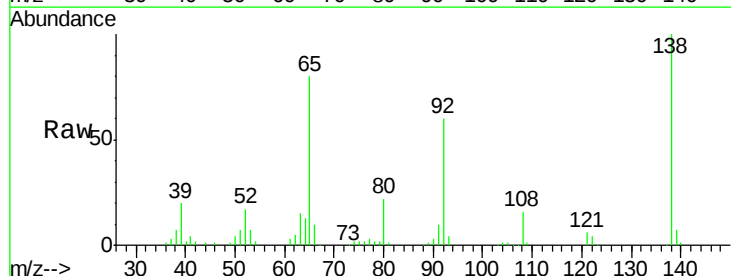


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

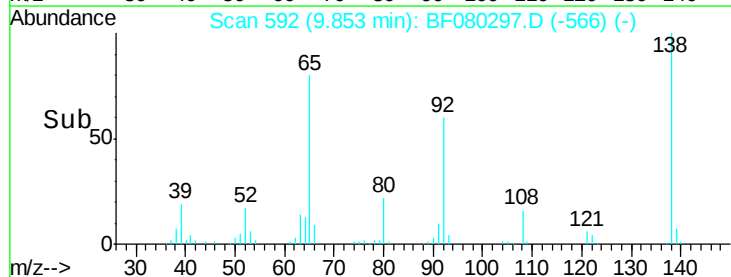
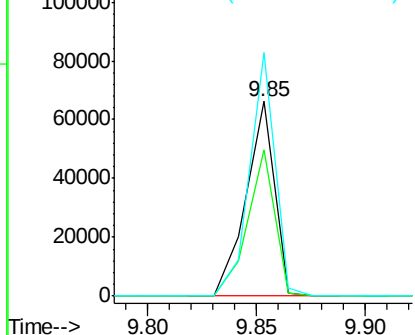


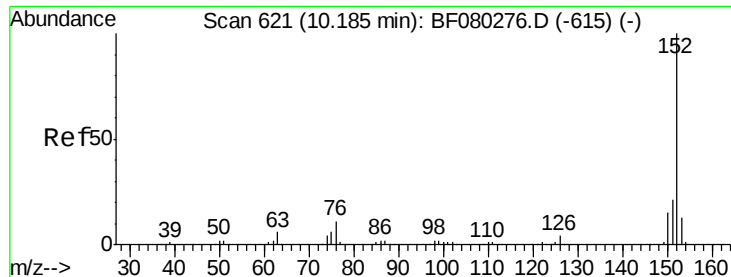
#47
 2-Nitroaniline
 Concen: 39.02 ng
 RT: 9.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion: 65 Resp: 60159
 Ion Ratio Lower Upper
 65 100
 92 75.2 58.0 87.0
 138 125.0 104.8 157.2



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: 36.90 ng

RT: 10.18 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Instrument :

BNA_F

ClientSampleId :

PB84309BS

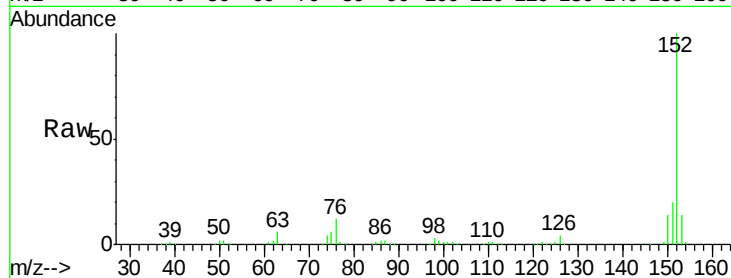
Tgt Ion:152 Resp: 343476

Ion Ratio Lower Upper

152 100

151 20.4 16.7 25.1

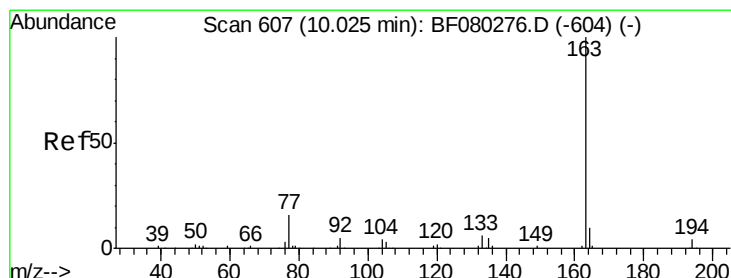
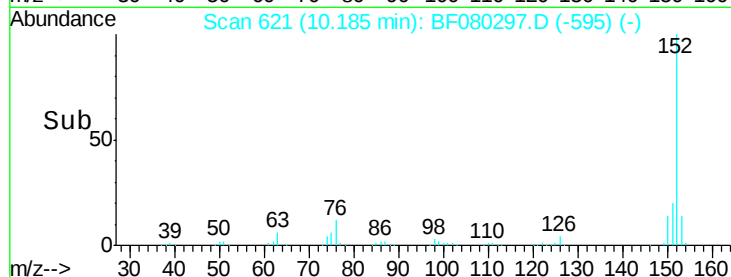
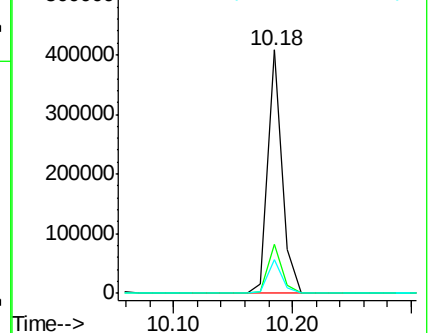
153 13.6 10.7 16.1



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: 42.16 ng

RT: 10.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

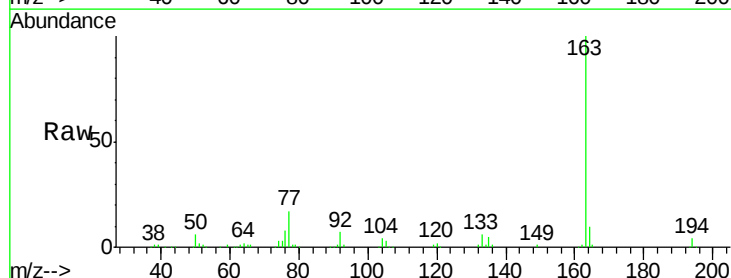
Tgt Ion:163 Resp: 262263

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

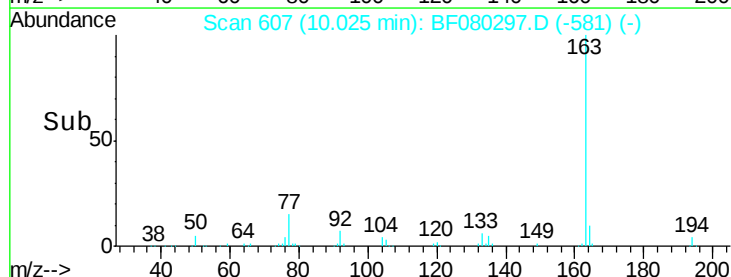
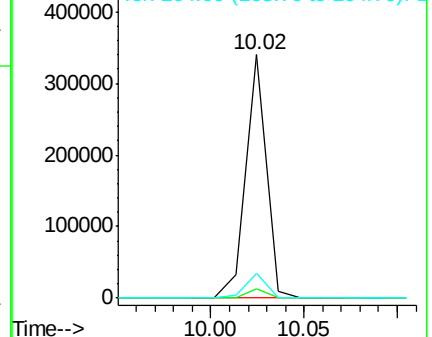
164 10.0 7.9 11.9

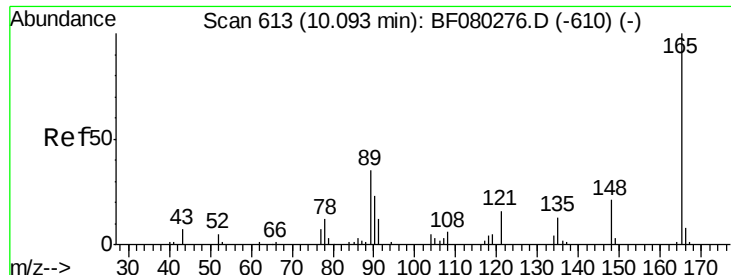


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

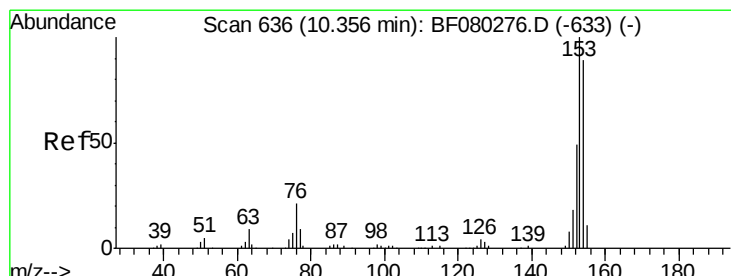
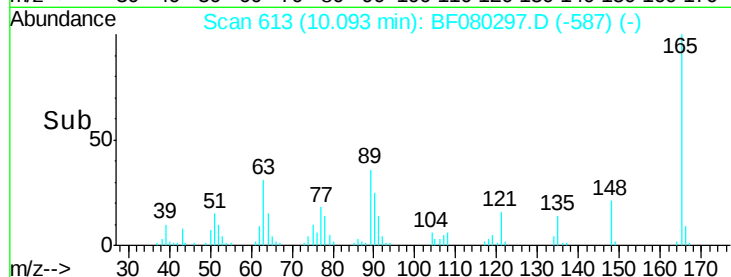
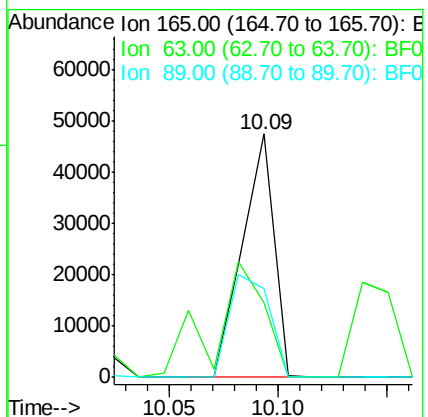
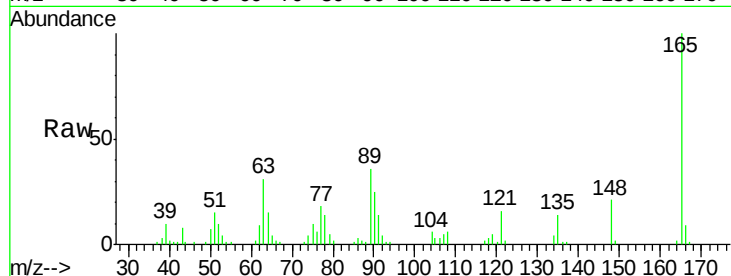




#50
2,6-Dinitrotoluene
Concen: 37.78 ng
RT: 10.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

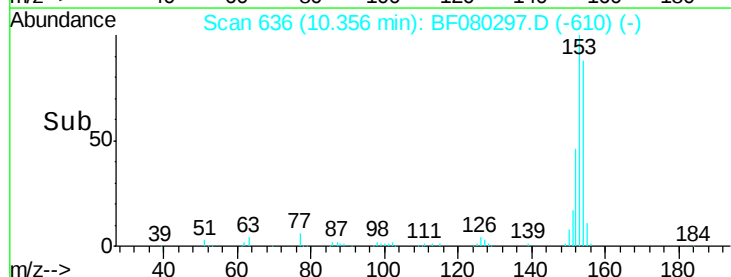
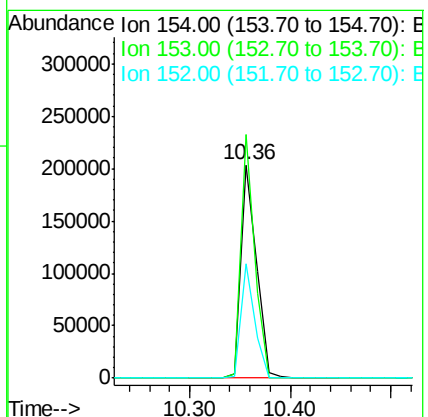
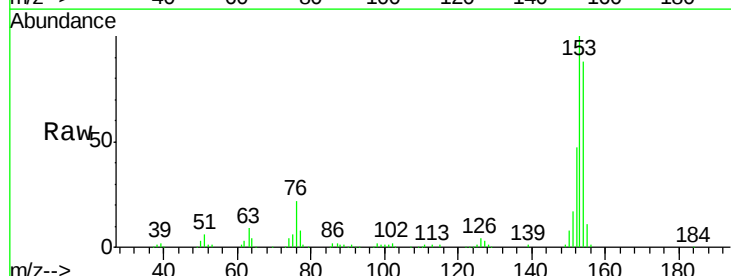
Instrument :
BNA_F
ClientSampleId :
PB84309BS

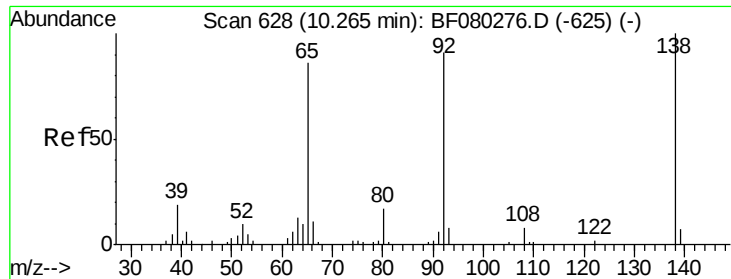
Tgt Ion:165 Resp: 48045
Ion Ratio Lower Upper
165 100
63 30.7 23.4 35.0
89 36.4 27.7 41.5



#51
Acenaphthene
Concen: 40.67 ng
RT: 10.36 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion:154 Resp: 218008
Ion Ratio Lower Upper
154 100
153 114.1 90.4 135.6
152 53.9 43.9 65.9

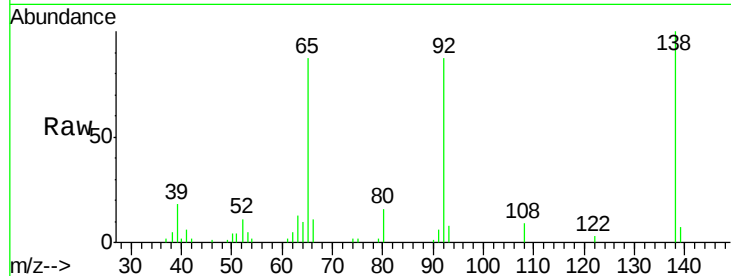




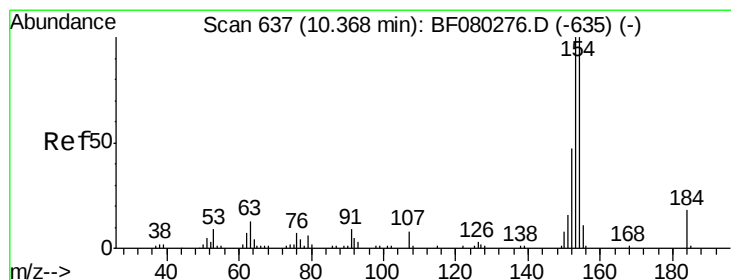
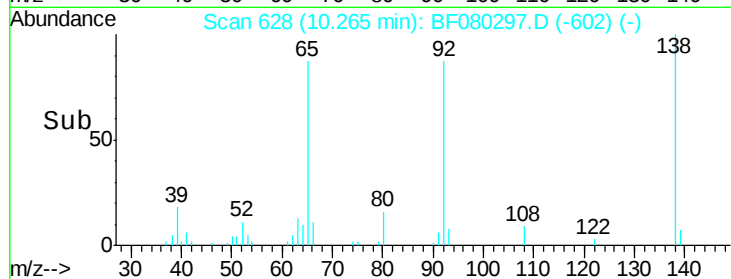
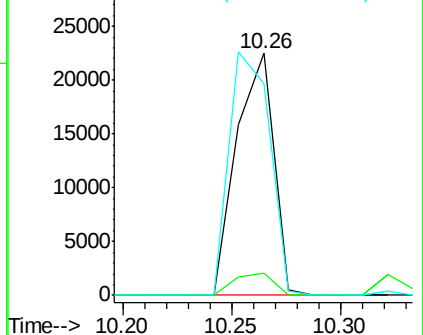
#52
 3-Nitroaniline
 Concen: 18.25 ng
 RT: 10.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

Tgt Ion:138 Resp: 26625
 Ion Ratio Lower Upper
 138 100
 108 9.3 6.7 10.1
 92 87.4 72.6 109.0

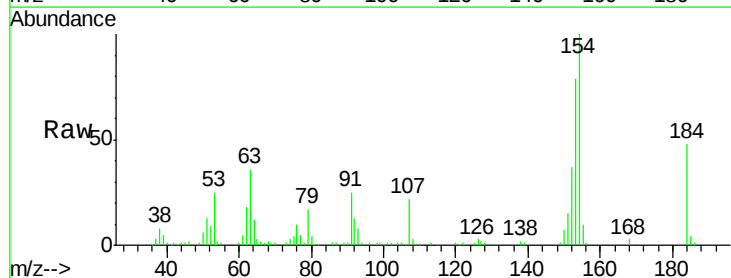


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

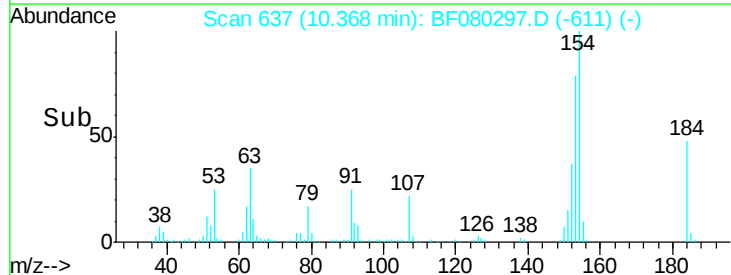
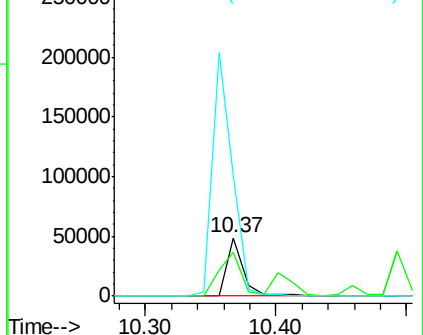


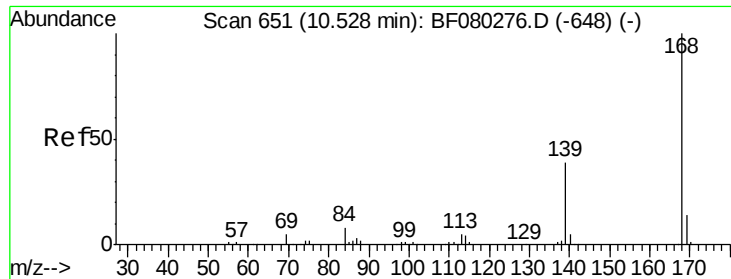
#53
 2,4-Dinitrophenol
 Concen: 82.57 ng
 RT: 10.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion:184 Resp: 43405
 Ion Ratio Lower Upper
 184 100
 63 75.4 65.0 97.6
 154 208.2 473.1 709.7#



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

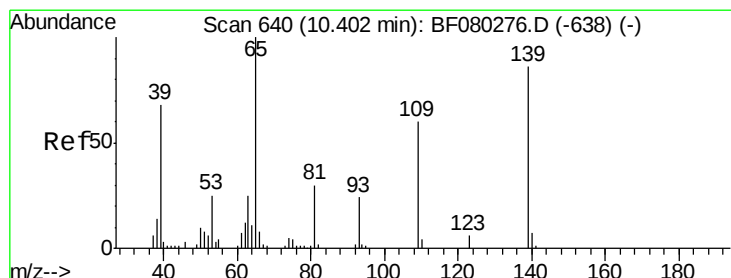
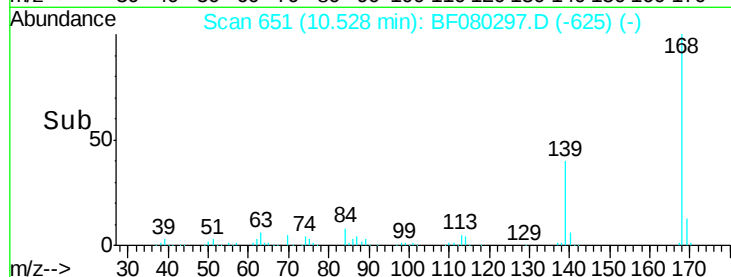
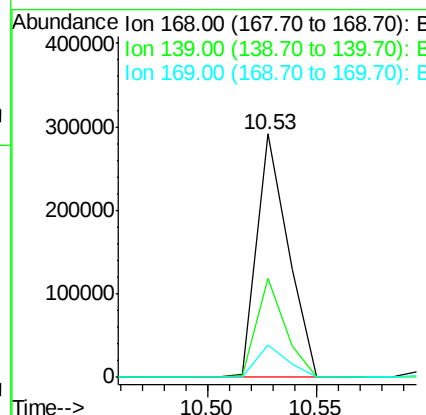
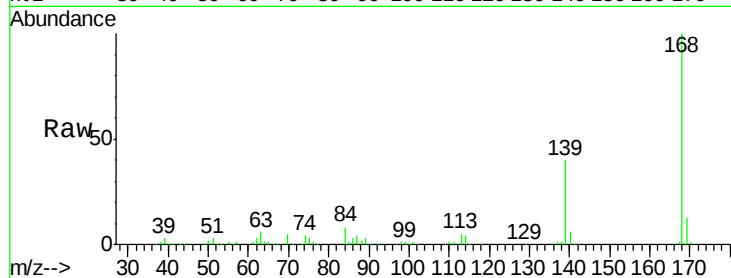




#54
Dibenzenofuran
Concen: 38.48 ng
RT: 10.53 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

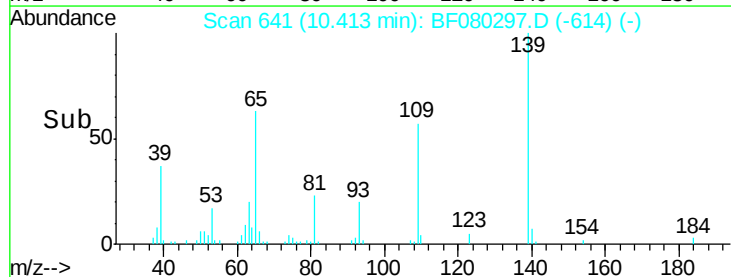
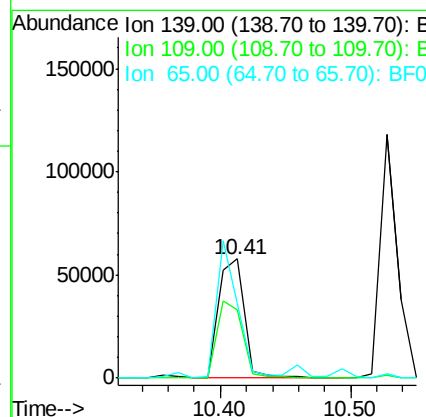
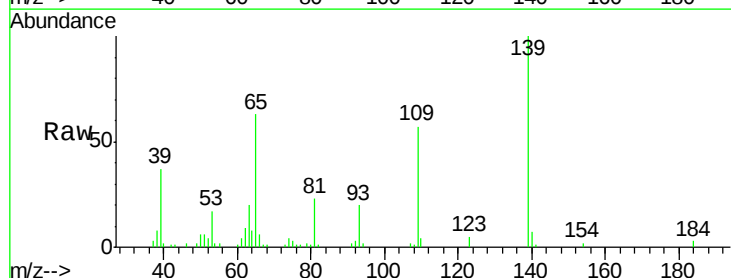
Instrument :
BNA_F
ClientSampleId :
PB84309BS

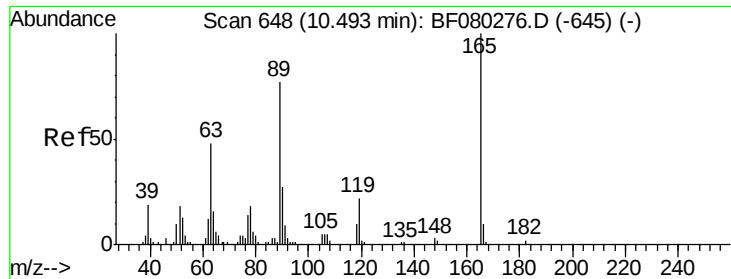
Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.5	31.5	47.3
169	13.4	11.0	16.4



#55
4-Nitrophenol
Concen: 74.83 ng
RT: 10.41 min Scan# 641
Delta R.T. 0.01 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	56.8	50.2	90.2
65	63.1	96.7	136.7#

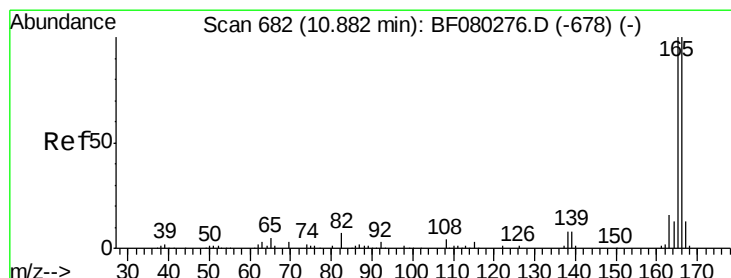
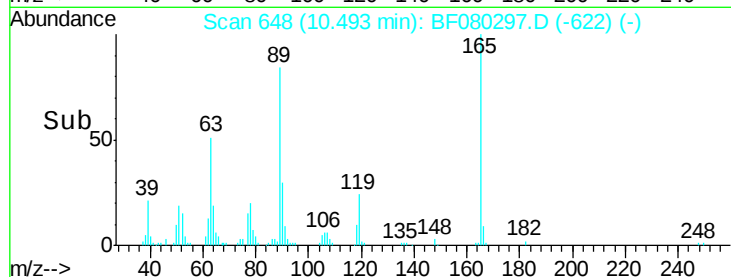
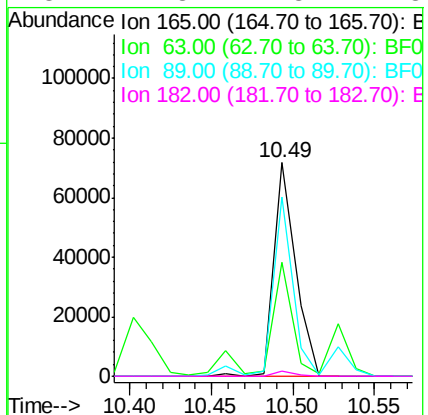
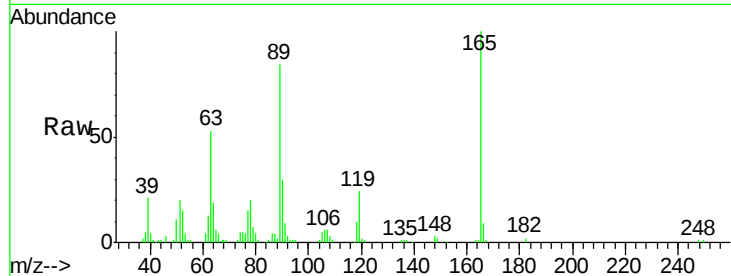




#56
2,4-Dinitrotoluene
Concen: 40.53 ng
RT: 10.49 min Scan# 648
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

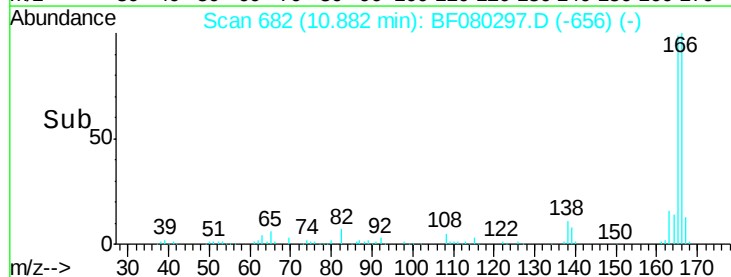
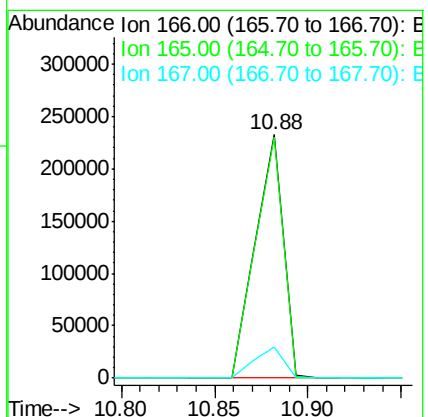
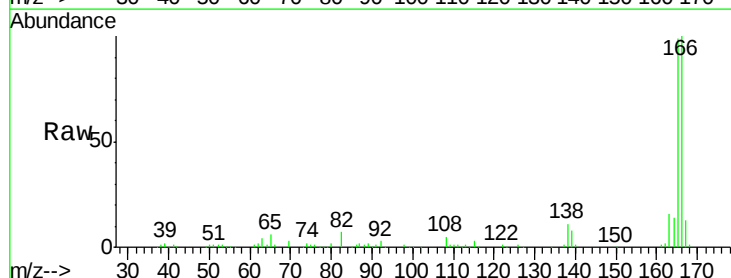
Instrument :
BNA_F
ClientSampleId :
PB84309BS

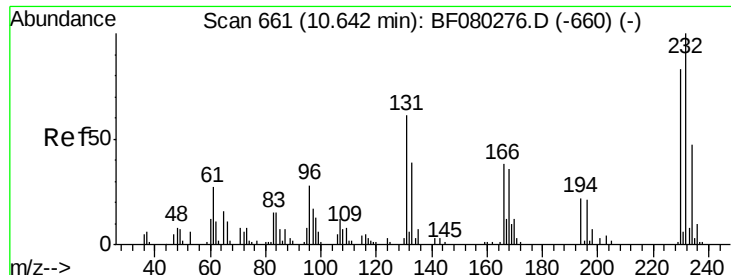
Tgt Ion:165 Resp: 66835
Ion Ratio Lower Upper
165 100
63 53.5 38.7 58.1
89 83.8 62.0 93.0
182 2.3 1.8 2.8



#57
Fluorene
Concen: 38.30 ng
RT: 10.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion:166 Resp: 240320
Ion Ratio Lower Upper
166 100
165 98.8 79.9 119.9
167 12.7 10.3 15.5

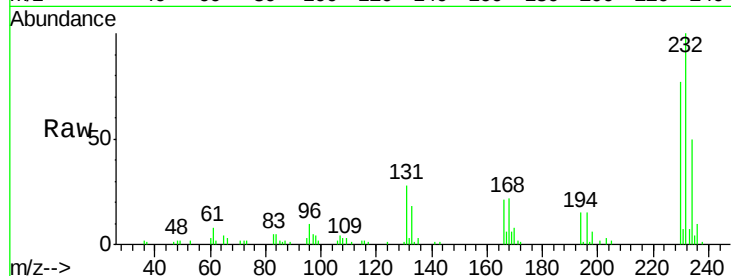




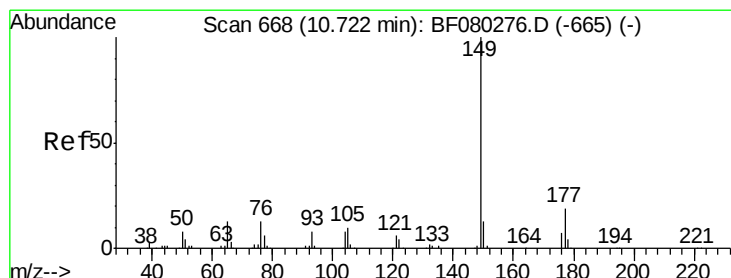
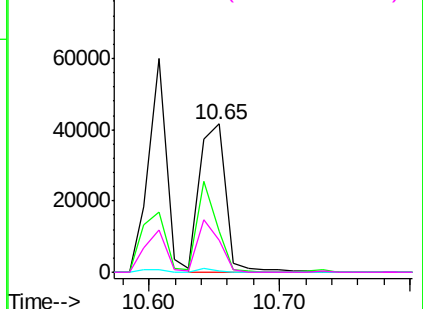
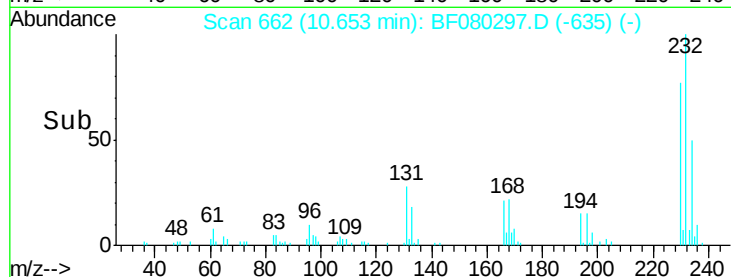
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.08 ng
 RT: 10.65 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

Tgt Ion: 232 Resp: 57722
 Ion Ratio Lower Upper
 232 100
 131 45.3 37.0 55.6
 130 2.0 1.5 2.3
 166 29.1 24.4 36.6

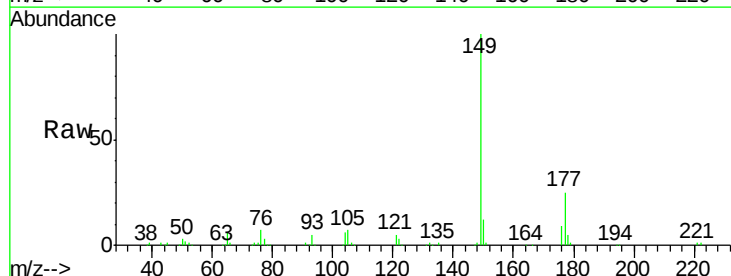


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

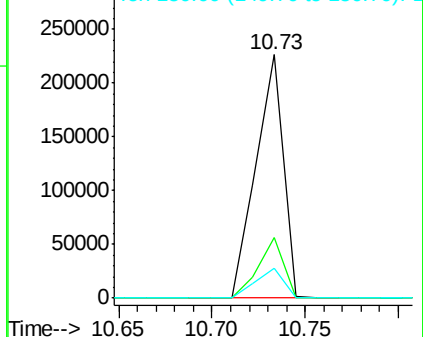
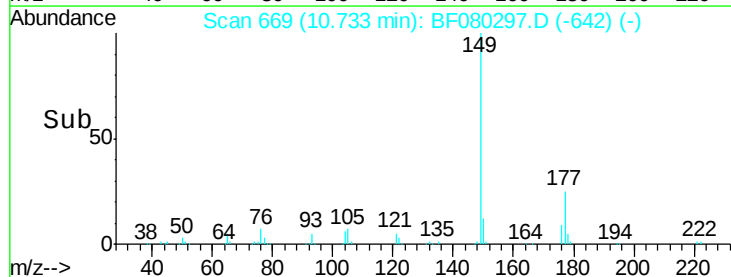


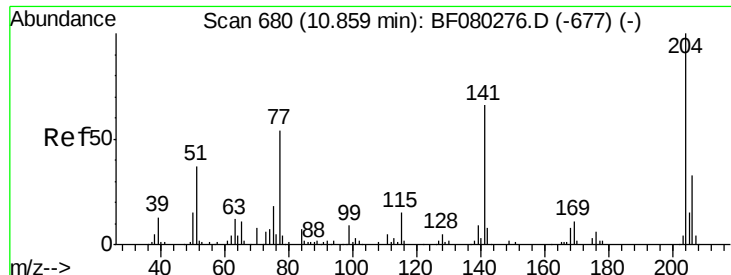
#59
 Diethylphthalate
 Concen: 38.59 ng
 RT: 10.73 min Scan# 669
 Delta R.T. 0.01 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion: 149 Resp: 228205
 Ion Ratio Lower Upper
 149 100
 177 24.9 15.4 23.0#
 150 12.3 10.5 15.7



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

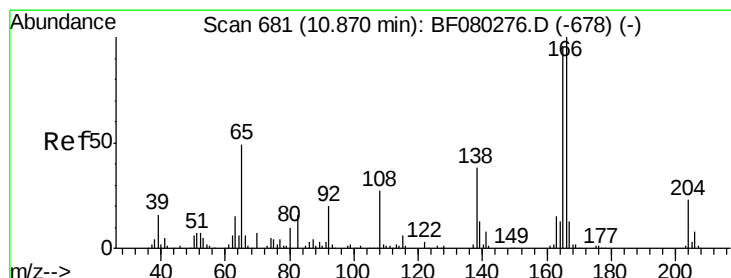
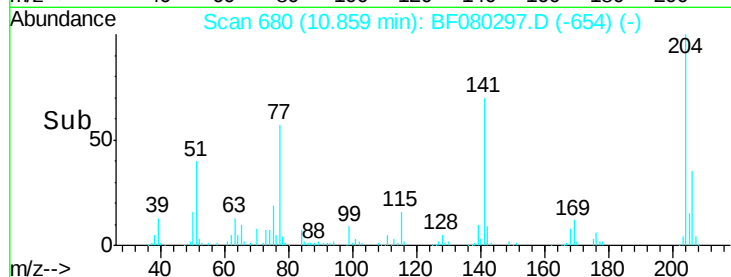
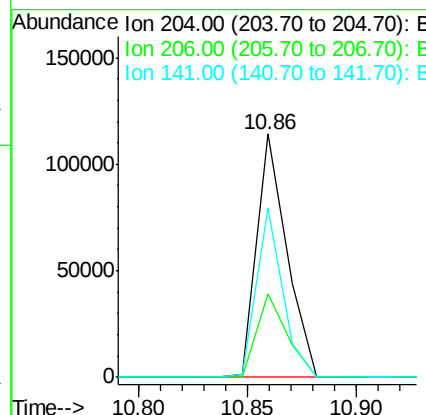
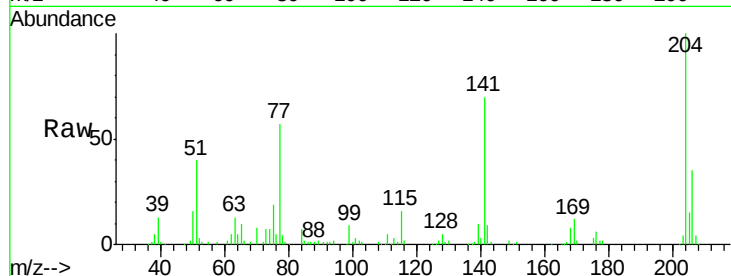




#60
 4-Chlorophenyl-phenylether
 Concen: 38.63 ng
 RT: 10.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

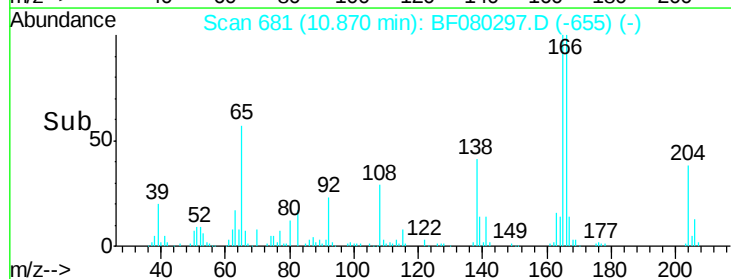
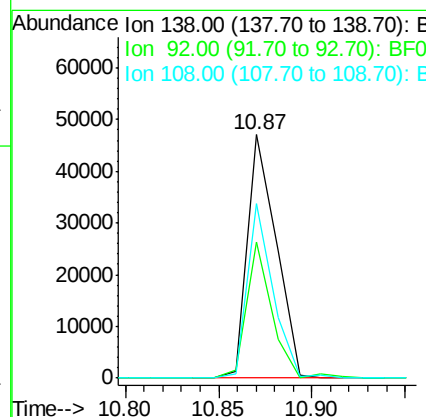
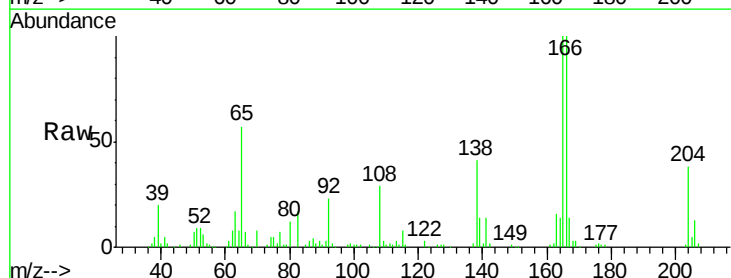
Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

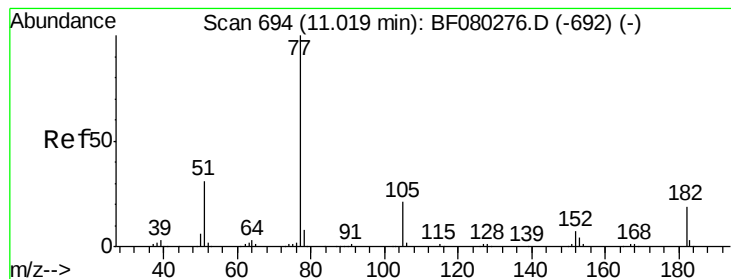
Tgt Ion: 204 Resp: 109599
 Ion Ratio Lower Upper
 204 100
 206 34.5 26.5 39.7
 141 69.5 52.5 78.7



#61
 4-Nitroaniline
 Concen: 34.00 ng
 RT: 10.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion: 138 Resp: 50402
 Ion Ratio Lower Upper
 138 100
 92 55.9 32.7 72.7
 108 71.8 49.6 89.6





#62

Azobenzene

Concen: 36.33 ng

RT: 11.02 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Instrument :

BNA_F

ClientSampleId :

PB84309BS

Tgt Ion: 77 Resp: 220994

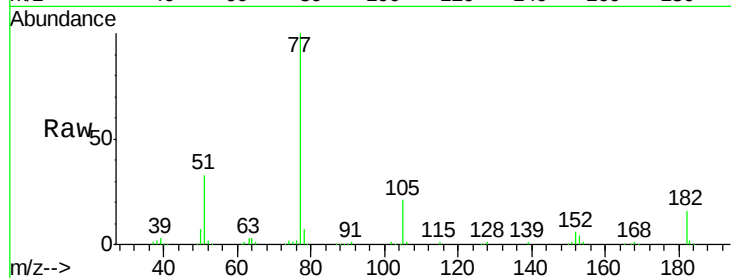
Ion Ratio Lower Upper

77 100

182 15.6 0.0 38.9

105 20.7 1.3 41.3

51 32.6 11.1 51.1

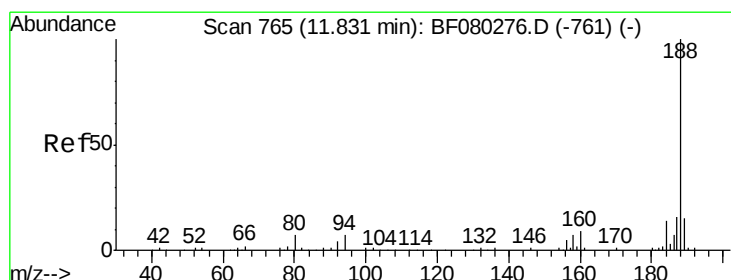
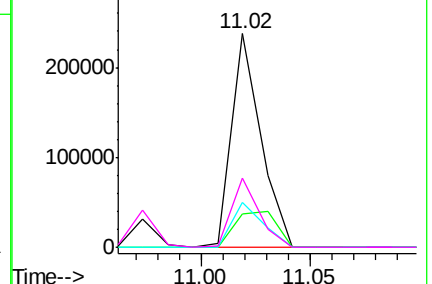
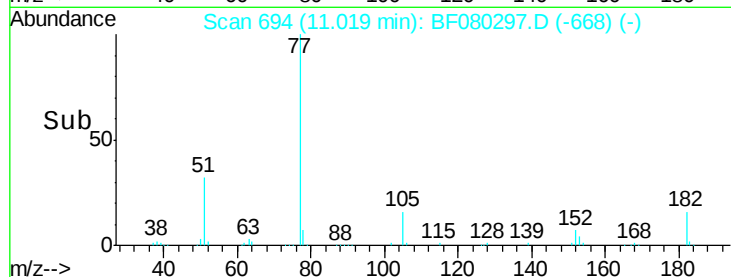


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.83 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

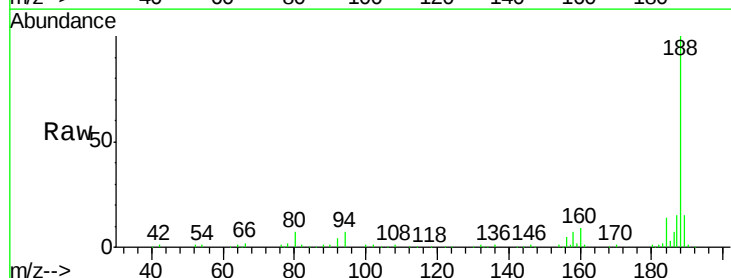
Tgt Ion: 188 Resp: 164865

Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.0

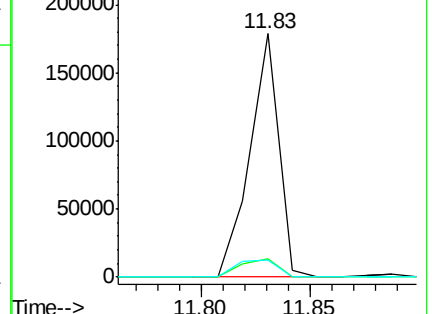
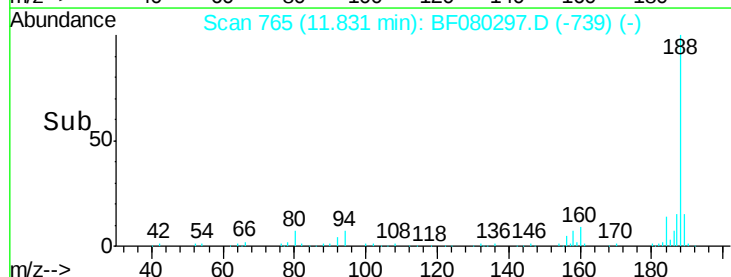
80 7.2 5.8 8.6

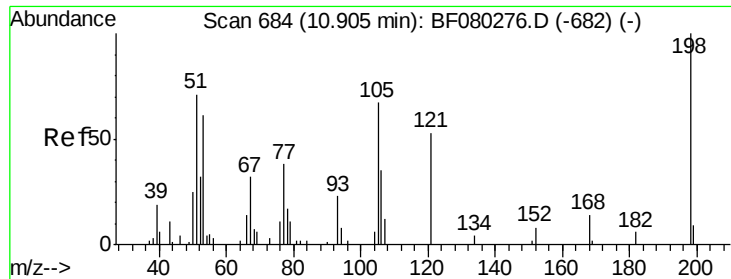


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

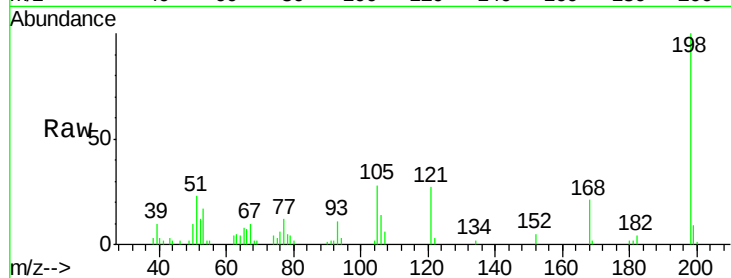




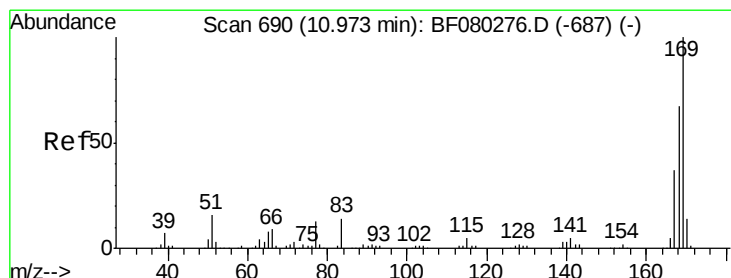
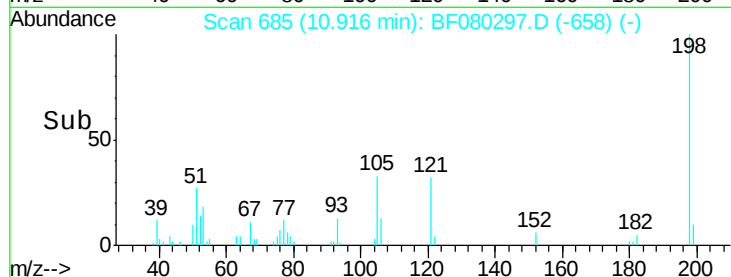
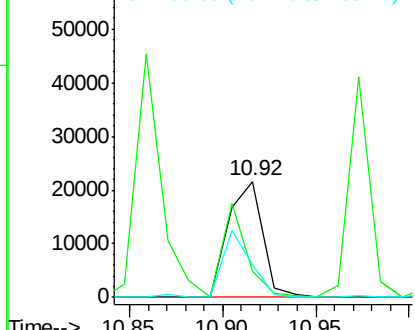
#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.96 ng
 RT: 10.92 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

Tgt Ion:198 Resp: 28060
 Ion Ratio Lower Upper
 198 100
 51 22.5 63.7 103.7#
 105 28.3 46.9 86.9#

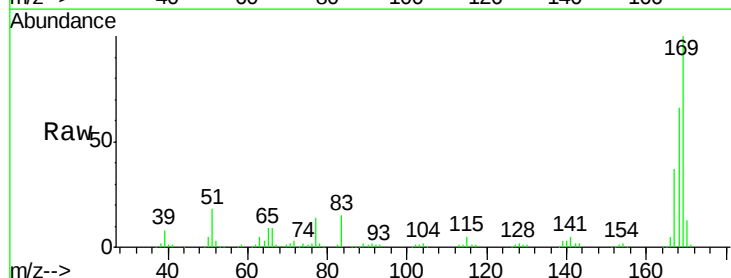


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

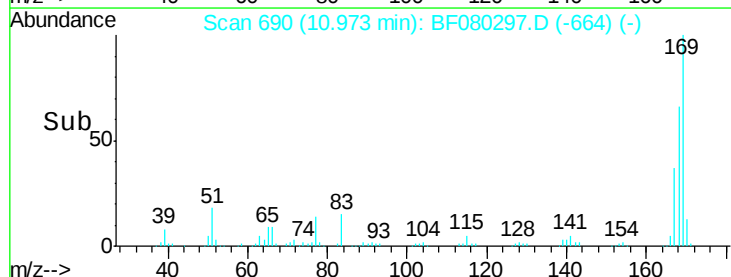
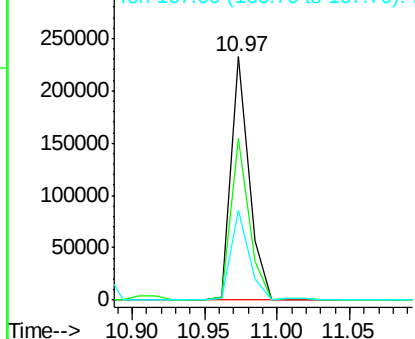


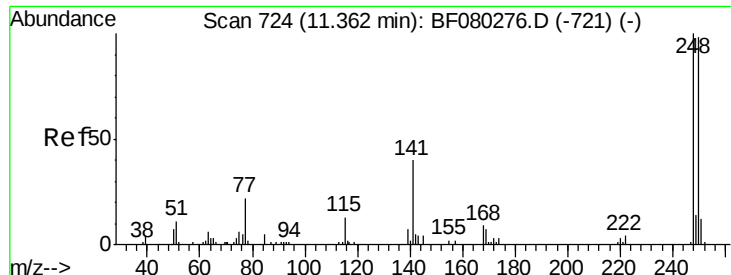
#65
 n-Nitrosodiphenylamine
 Concen: 37.15 ng
 RT: 10.97 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion:169 Resp: 201271
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.6 80.4
 167 36.9 29.9 44.9



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

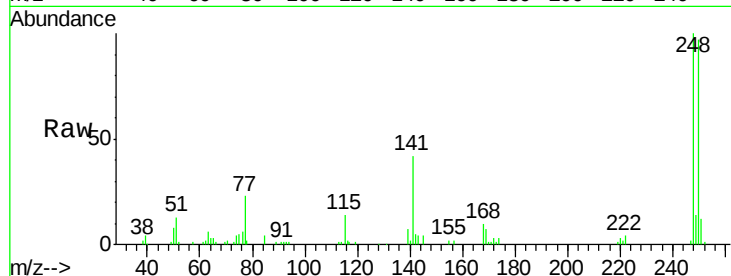




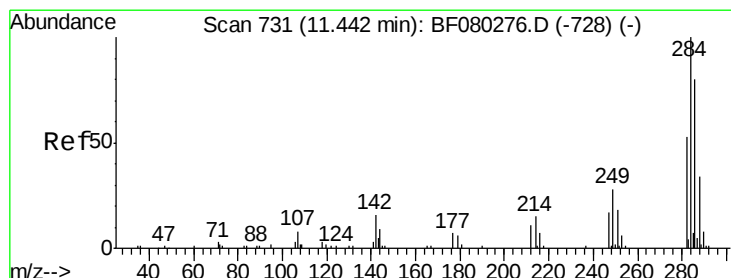
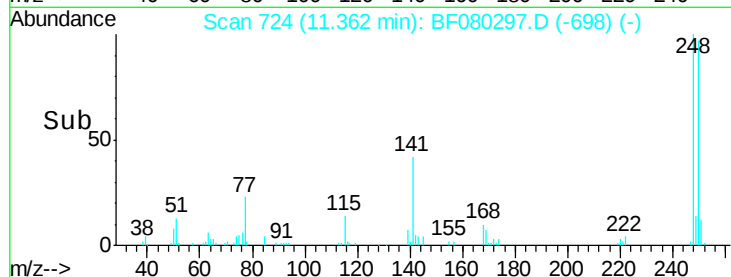
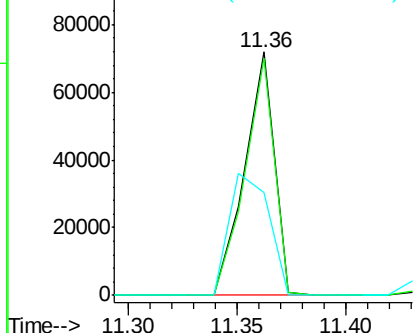
#66
 4-Bromophenyl-phenylether
 Concen: 38.13 ng
 RT: 11.36 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

Tgt Ion:248 Resp: 67942
 Ion Ratio Lower Upper
 248 100
 250 97.4 78.2 117.4
 141 42.3 31.9 47.9

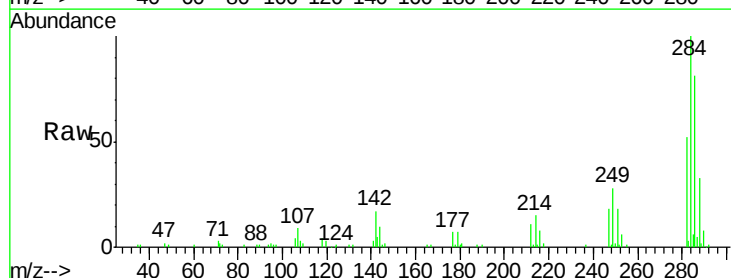


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

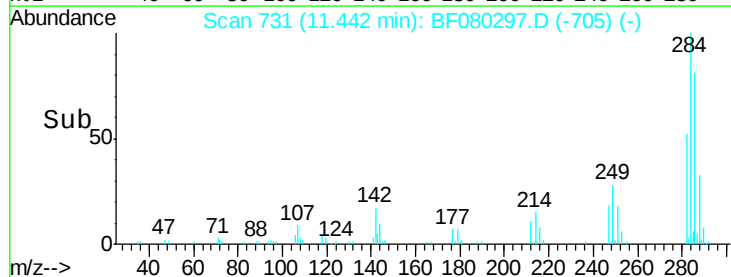
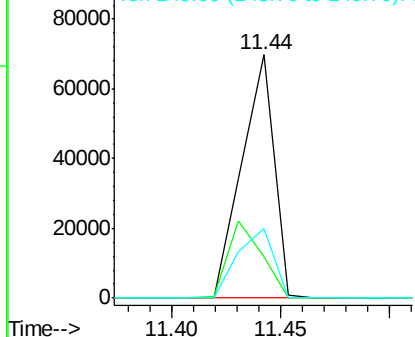


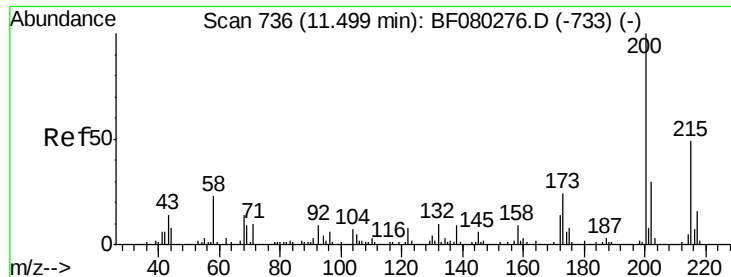
#67
 Hexachlorobenzene
 Concen: 37.73 ng
 RT: 11.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion:284 Resp: 72058
 Ion Ratio Lower Upper
 284 100
 142 16.9 12.5 18.7
 249 28.5 22.4 33.6



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

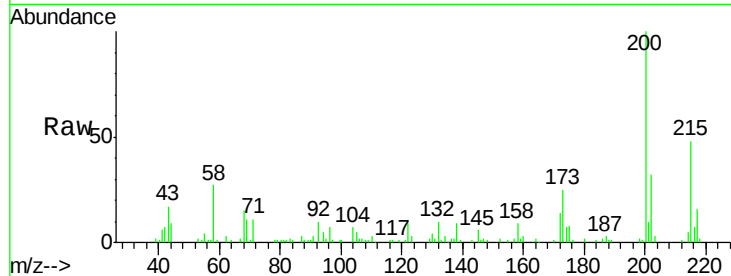




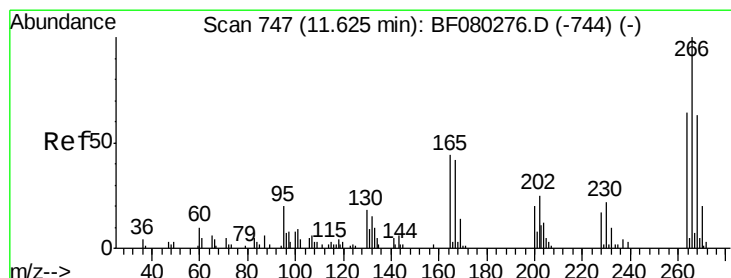
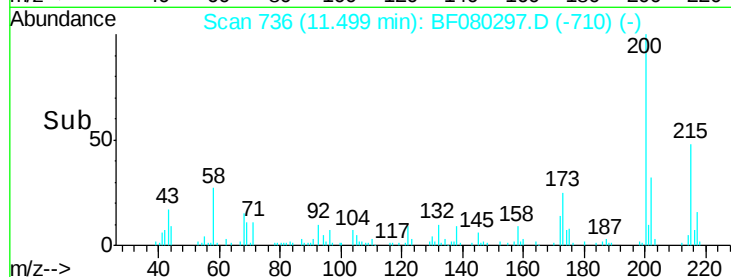
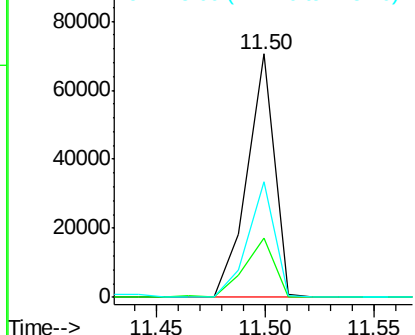
#68
 Atrazine
 Concen: 37.42 ng
 RT: 11.50 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

Tgt Ion:200 Resp: 61286
 Ion Ratio Lower Upper
 200 100
 173 24.6 3.5 43.5
 215 47.6 28.6 68.6

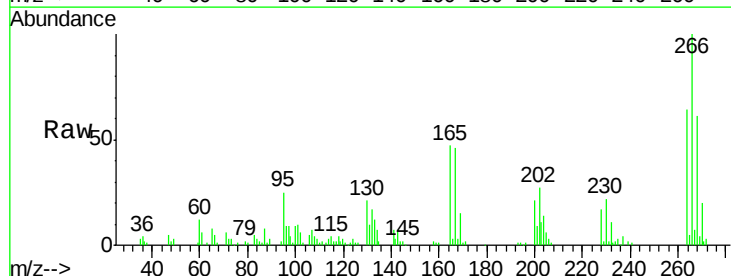


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

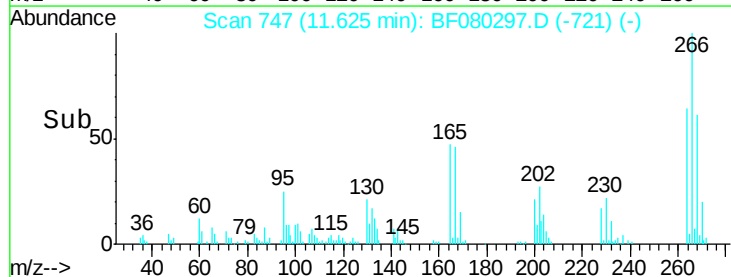
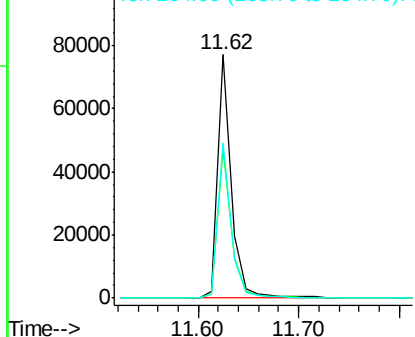


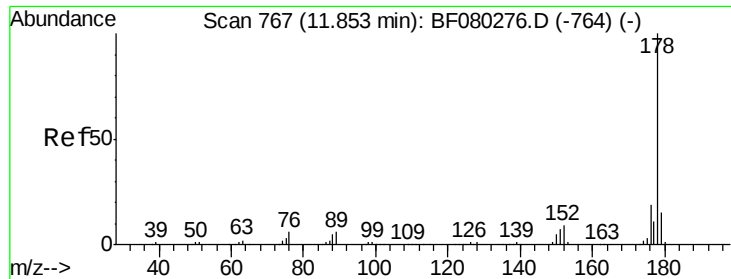
#69
 Pentachlorophenol
 Concen: 70.92 ng
 RT: 11.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion:266 Resp: 72645
 Ion Ratio Lower Upper
 266 100
 268 61.0 50.7 76.1
 264 63.7 51.3 76.9



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

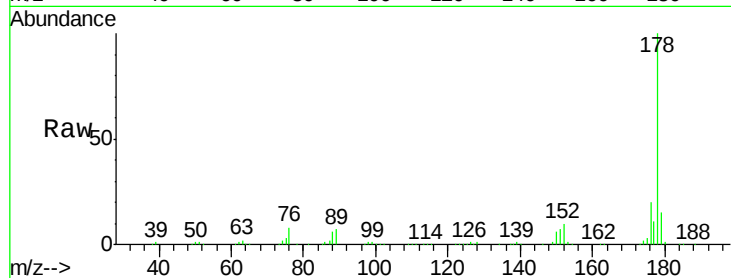




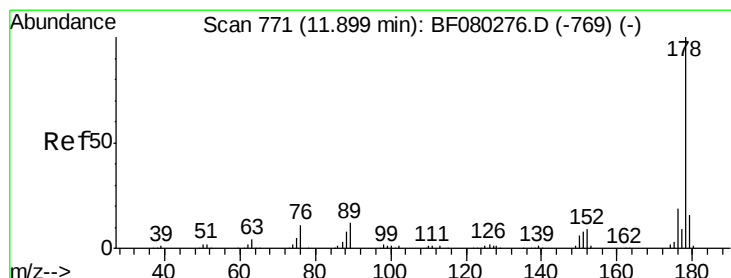
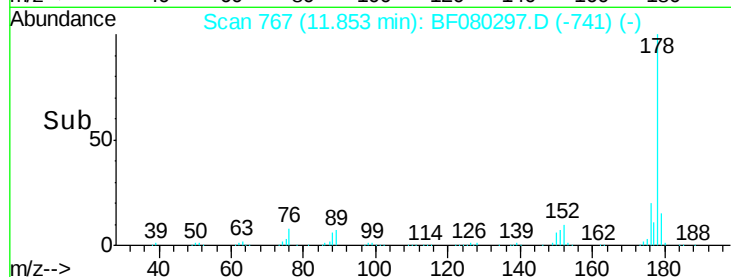
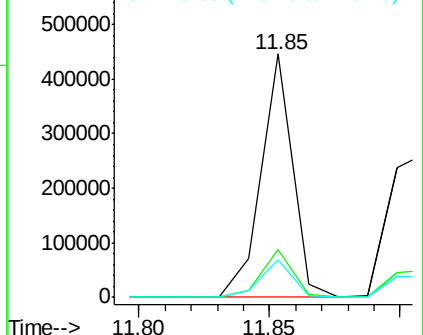
#70
 Phenanthrene
 Concen: 37.60 ng
 RT: 11.85 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Instrument :
 BNA_F
 ClientSampled :
 PB84309BS

Tgt Ion:178 Resp: 371417
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 15.4 12.2 18.2

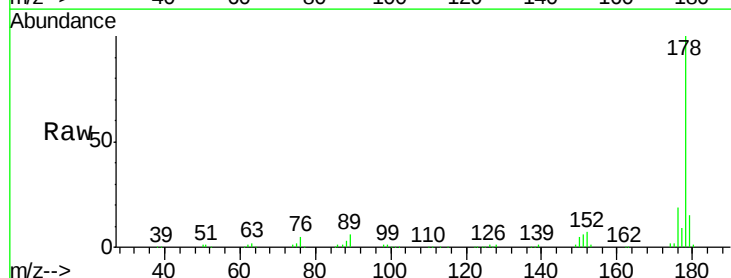


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

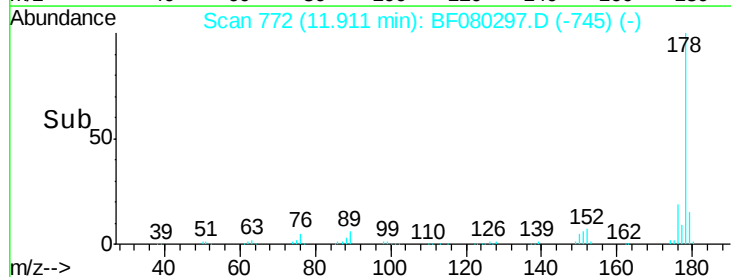
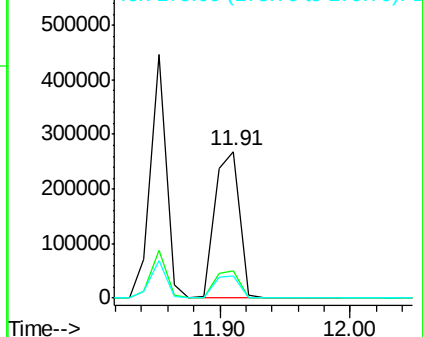


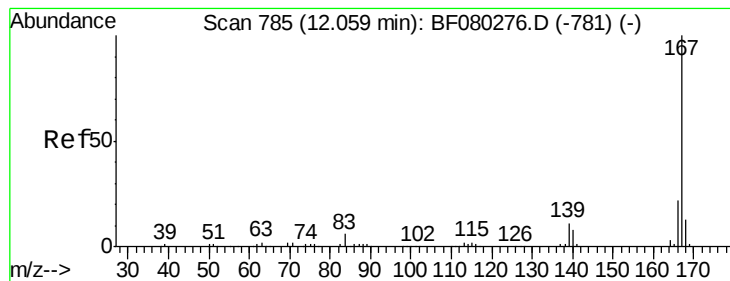
#71
 Anthracene
 Concen: 37.32 ng
 RT: 11.91 min Scan# 772
 Delta R.T. 0.01 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion:178 Resp: 353644
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.2 22.8
 179 14.8 12.6 18.8



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





#72

Carbazole

Concen: 35.67 ng

RT: 12.06 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Instrument :

BNA_F

ClientSampleId :

PB84309BS

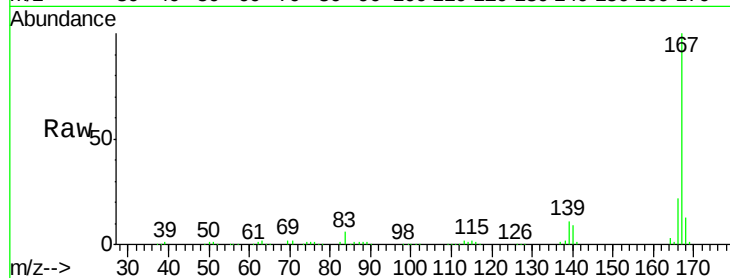
Tgt Ion:167 Resp: 316181

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

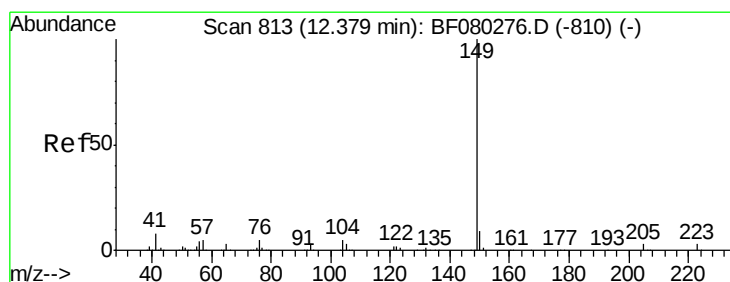
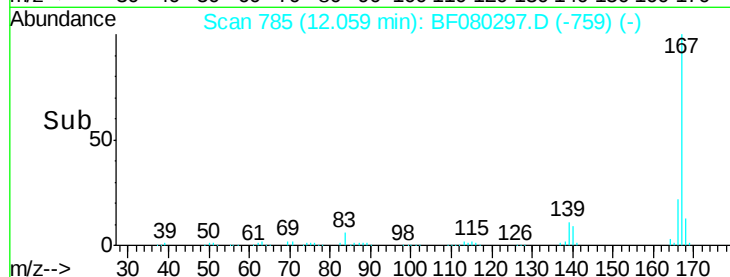
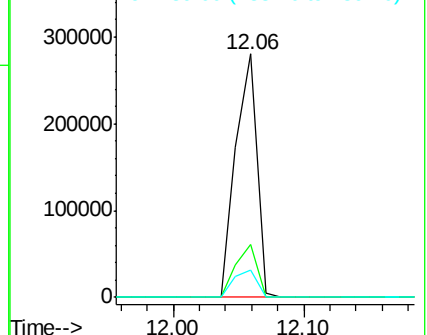
139 11.2 8.6 13.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 36.26 ng

RT: 12.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

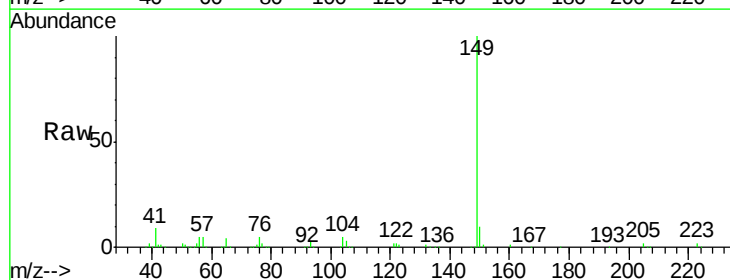
Tgt Ion:149 Resp: 344784

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.0

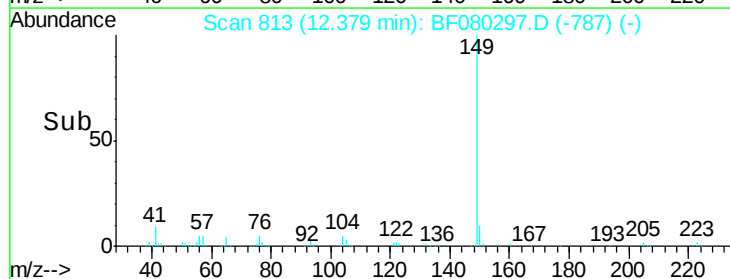
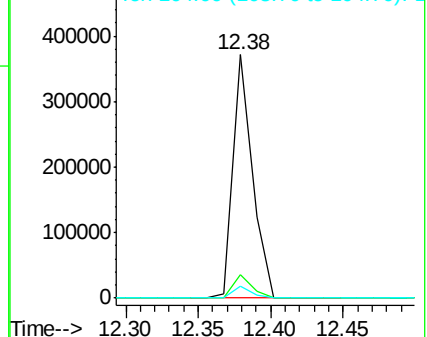
104 5.2 3.7 5.5

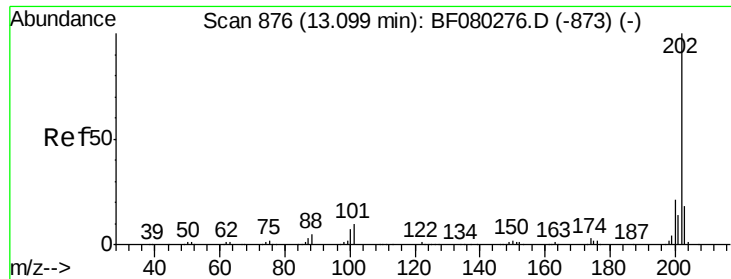


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

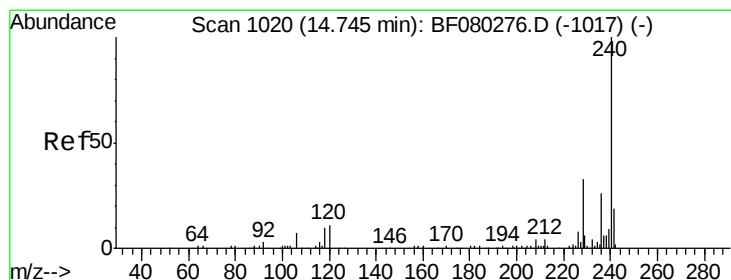
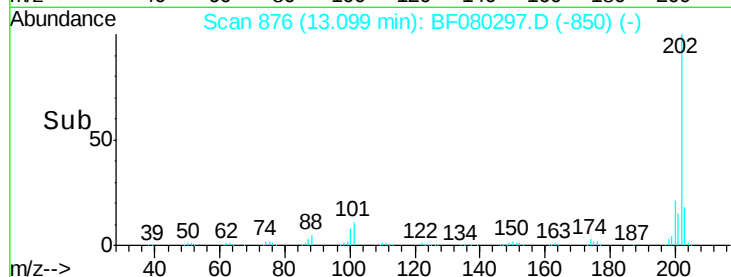
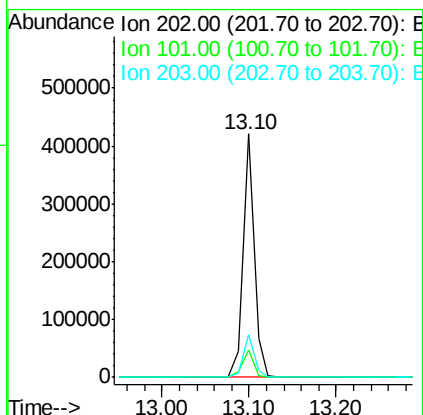
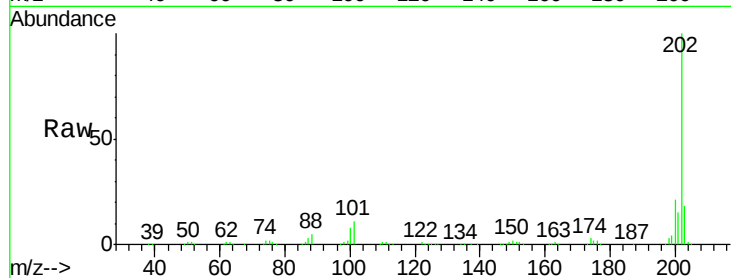




#74
 Fluoranthene
 Concen: 36.27 ng
 RT: 13.10 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

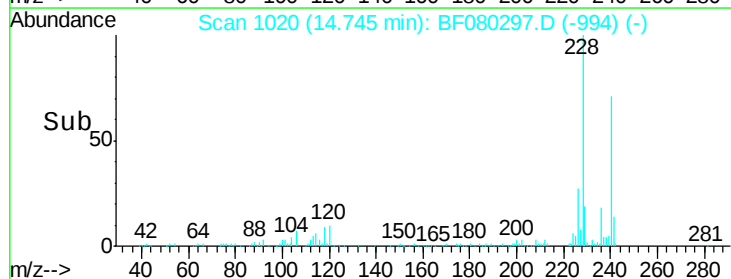
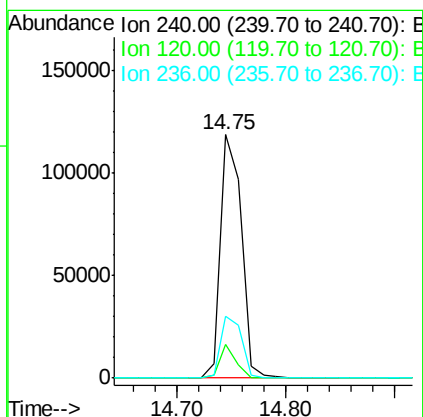
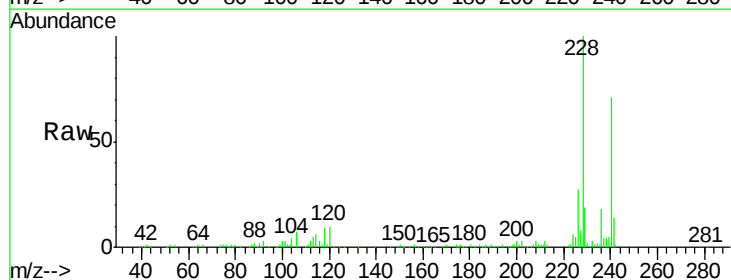
Instrument :
 BNA_F
 ClientSampled :
 PB84309BS

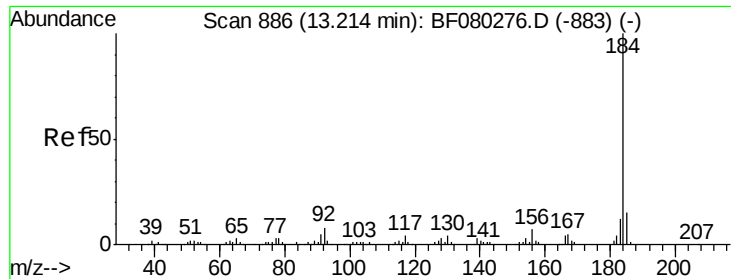
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	370128		
101	11.1		0.0	30.4
203	17.6		0.0	37.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	158528		
120	13.9		8.7	13.1#
236	25.2		20.9	31.3

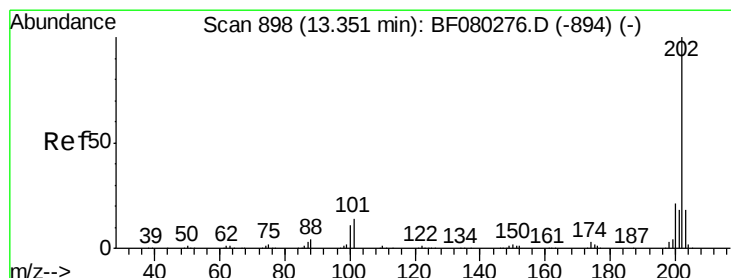
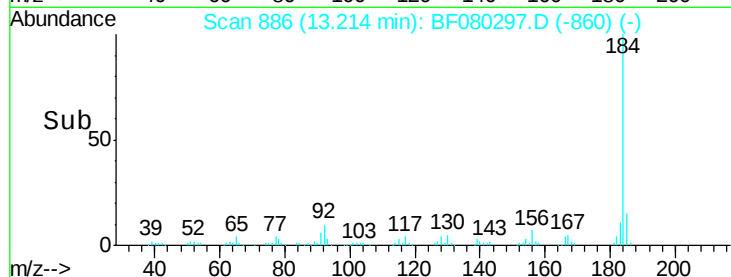
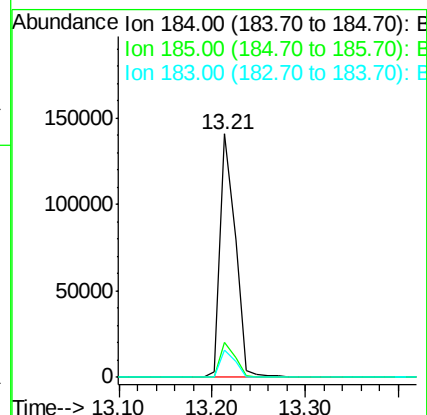
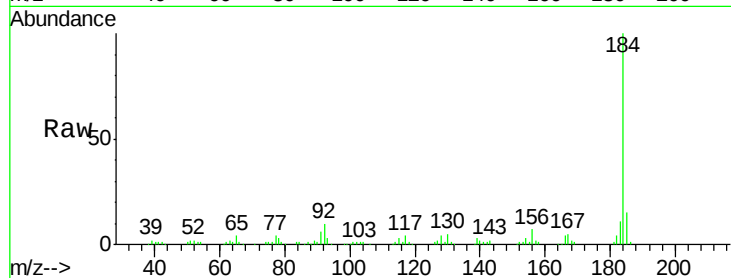




#76
Benzidine
Concen: 34.51 ng
RT: 13.21 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

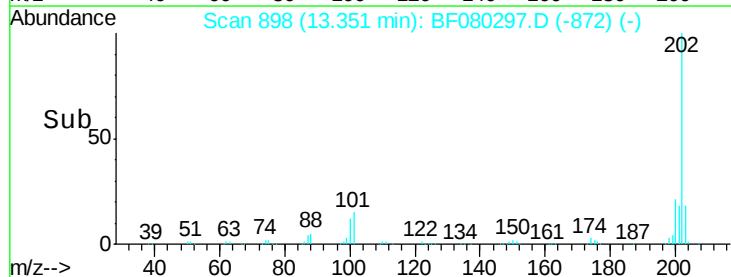
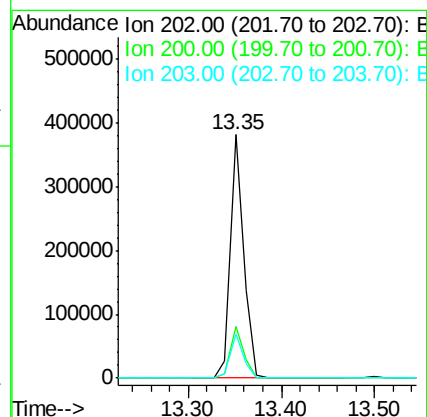
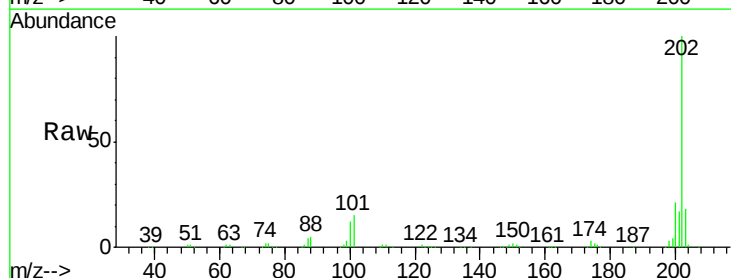
Instrument :
BNA_F
ClientSampleId :
PB84309BS

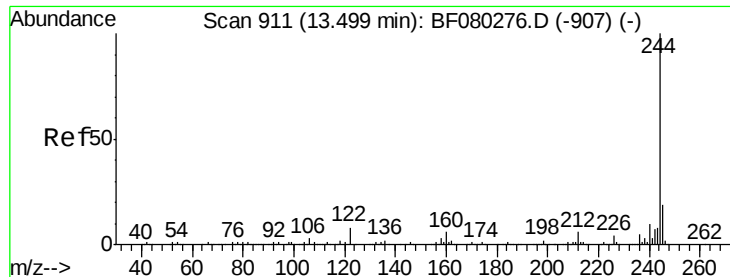
Tgt Ion:184 Resp: 160225
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.6
183 11.2 9.4 14.0



#77
Pyrene
Concen: 37.45 ng
RT: 13.35 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion:202 Resp: 379977
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.6
203 17.9 14.0 21.0

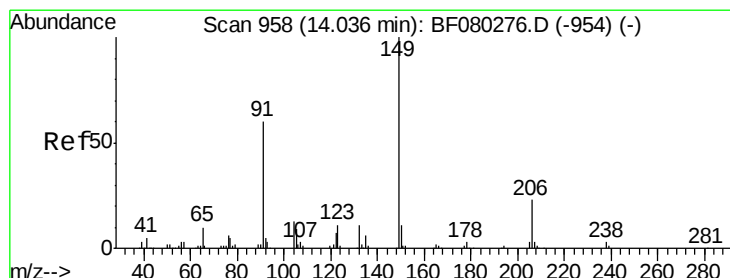
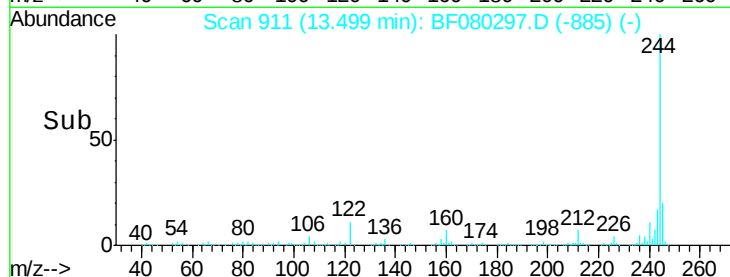
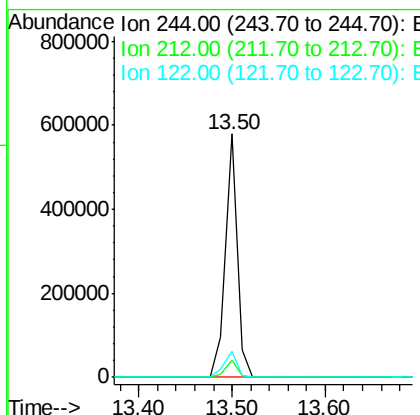
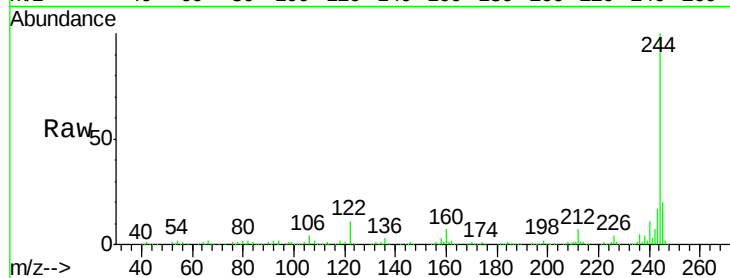




#78
 Terphenyl-d14
 Concen: 75.62 ng
 RT: 13.50 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

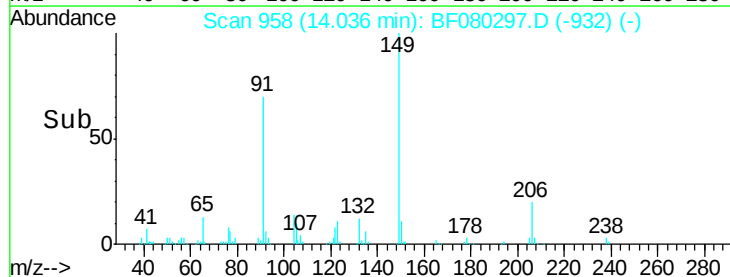
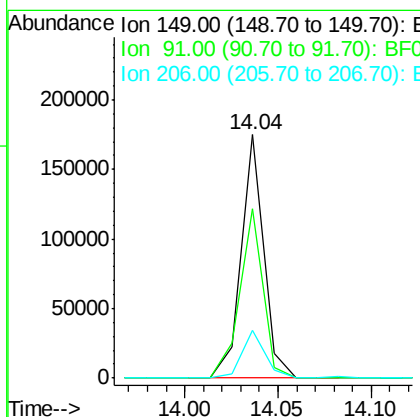
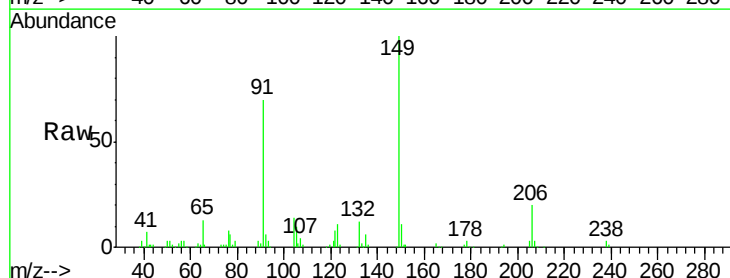
Instrument :
 BNA_F
 ClientSampleId :
 PB84309BS

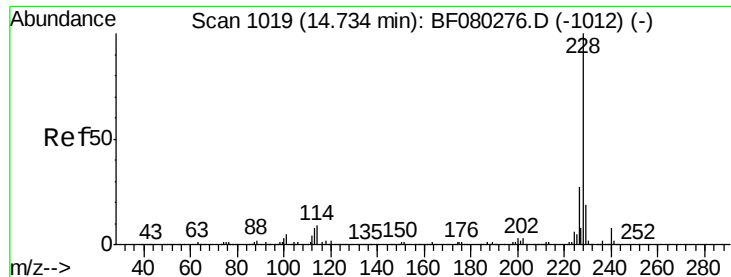
Tgt Ion:244 Resp: 511811
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.6
 122 10.7 6.6 9.8#



#79
 Butylbenzylphthalate
 Concen: 37.94 ng
 RT: 14.04 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF080297.D
 Acq: 2 Jul 2015 5:19

Tgt Ion:149 Resp: 147596
 Ion Ratio Lower Upper
 149 100
 91 69.6 48.1 72.1
 206 19.5 18.1 27.1





#80

Benzo(a)anthracene

Concen: 36.73 ng

RT: 14.73 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Instrument :

BNA_F

ClientSampleId :

PB84309BS

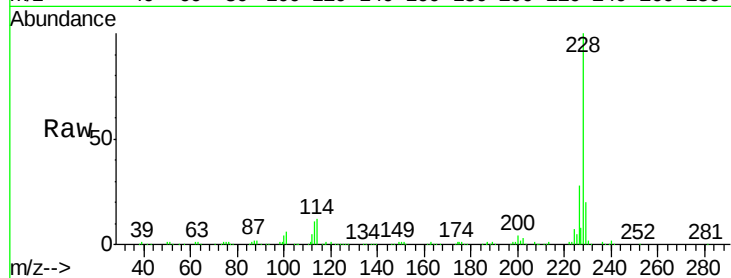
Tgt Ion:228 Resp: 351880

Ion Ratio Lower Upper

228 100

226 27.9 21.7 32.5

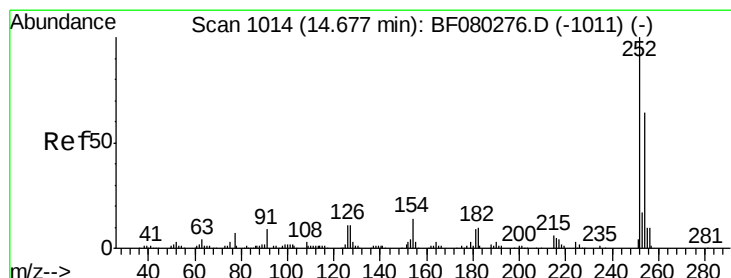
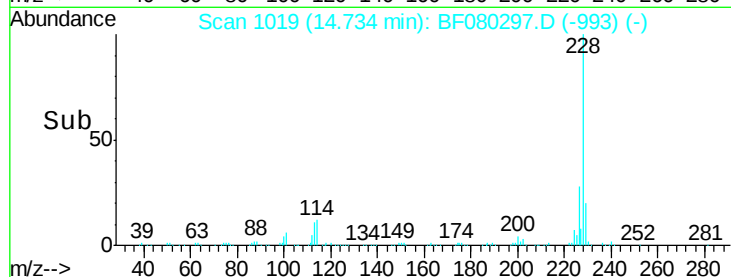
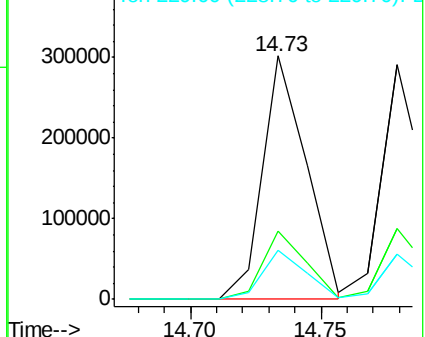
229 20.0 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 20.24 ng

RT: 14.69 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

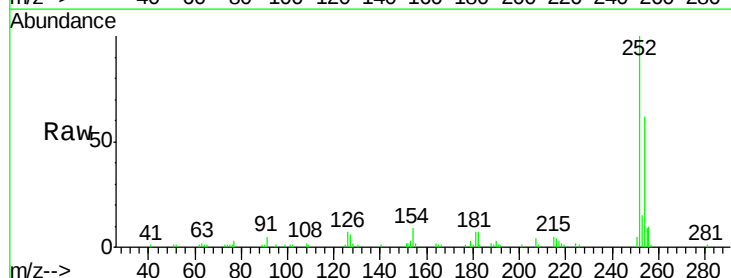
Tgt Ion:252 Resp: 63311

Ion Ratio Lower Upper

252 100

254 62.3 50.8 76.2

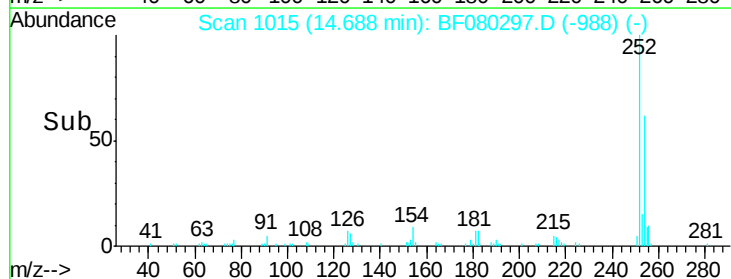
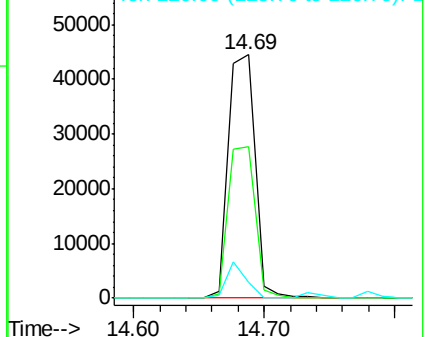
126 6.6 9.0 13.6#

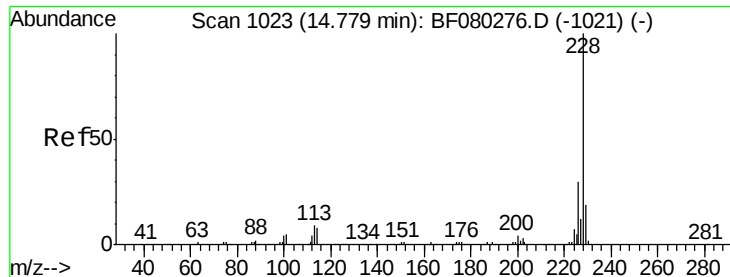


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 36.82 ng

RT: 14.78 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Instrument :

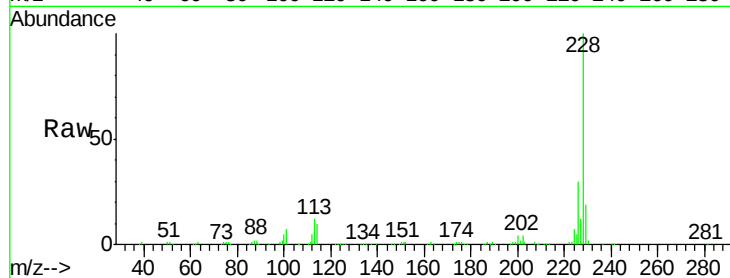
BNA_F

ClientSampleId :

PB84309BS

Tgt Ion: 228 Resp: 325236

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	19.4	15.4	23.0

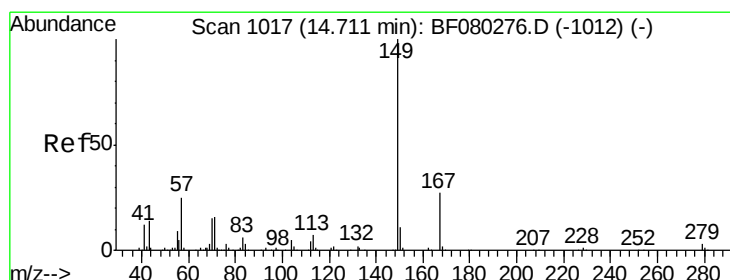
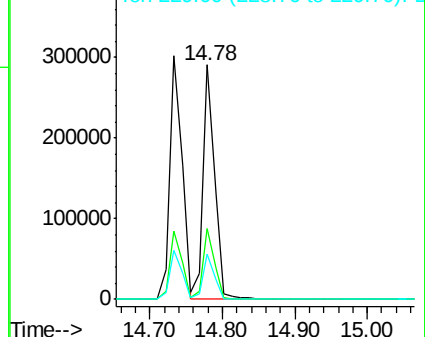
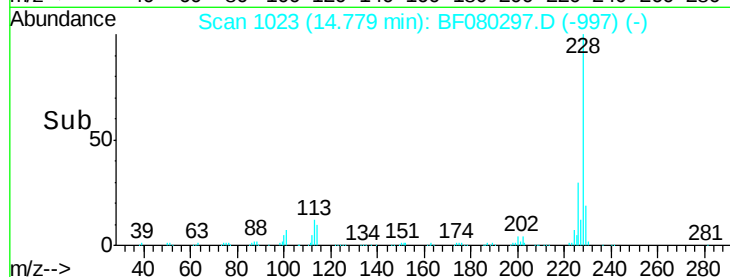


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 37.74 ng

RT: 14.71 min Scan# 1017

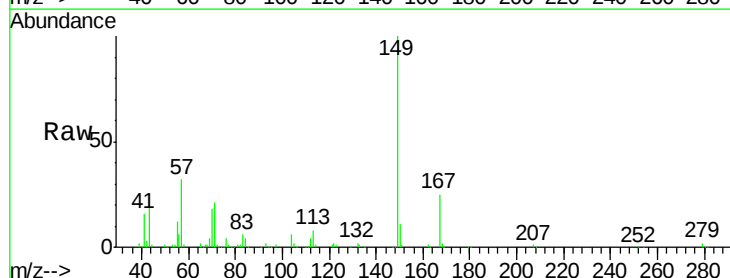
Delta R.T. -0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Tgt Ion: 149 Resp: 206716

Ion	Ratio	Lower	Upper
149	100		
167	24.5	21.7	32.5
279	2.3	2.7	4.1

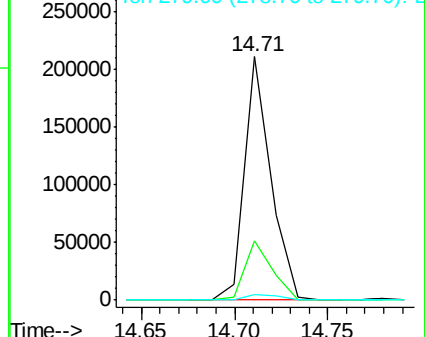
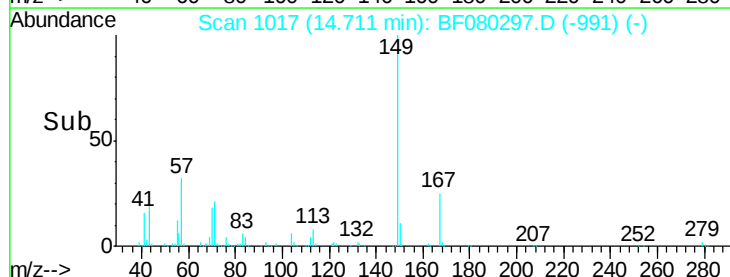


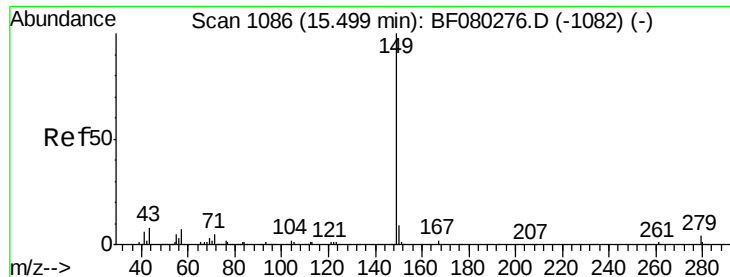
Abundance

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: 36.69 ng

RT: 15.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Instrument :

BNA_F

ClientSampleId :

PB84309BS

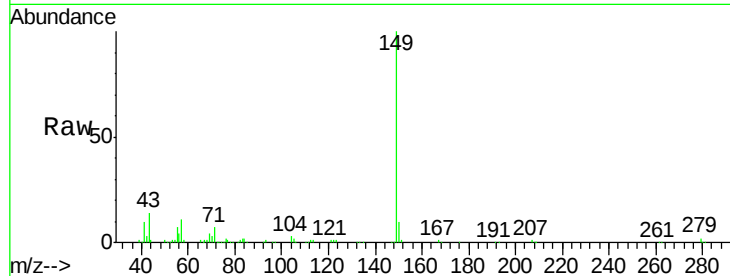
Tgt Ion:149 Resp: 338547

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

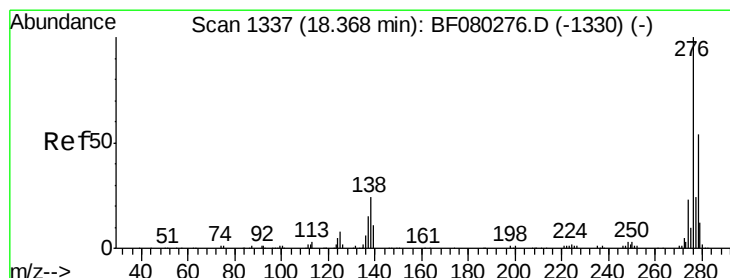
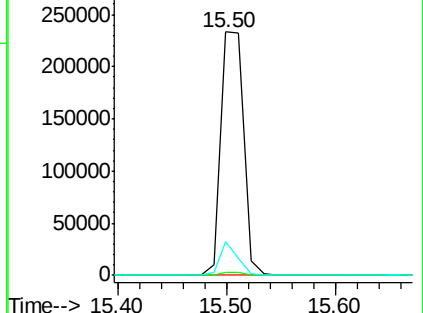
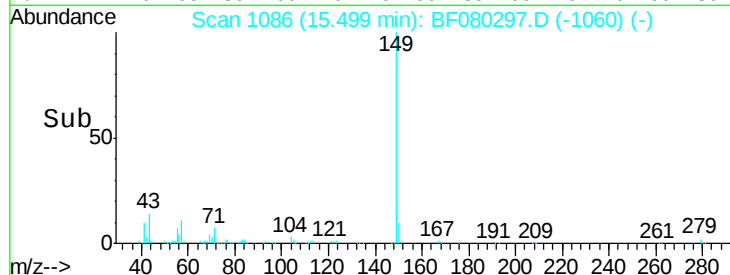
43 10.9 8.3 12.5



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: 34.10 ng

RT: 18.38 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

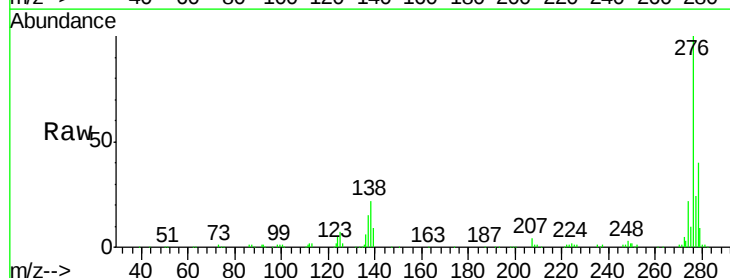
Tgt Ion:276 Resp: 338595

Ion Ratio Lower Upper

276 100

138 24.9 21.0 31.6

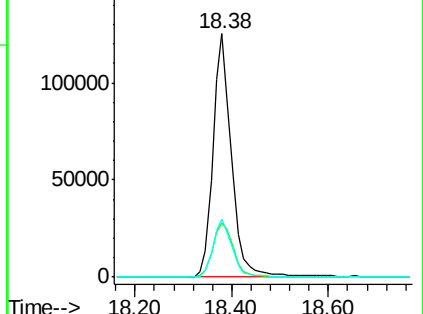
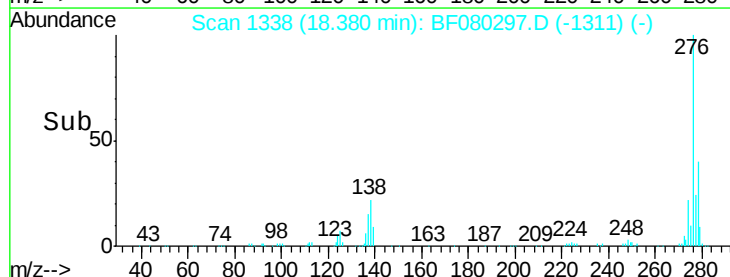
277 24.5 19.4 29.0

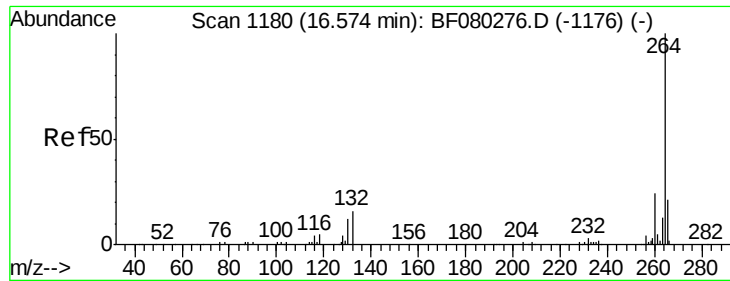


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 16.59 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

Instrument :

BNA_F

ClientSampleId :

PB84309BS

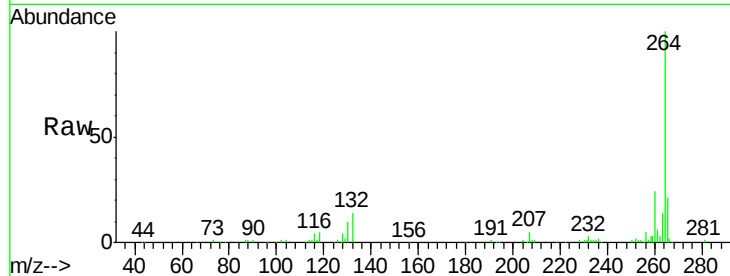
Tgt Ion:264 Resp: 149341

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

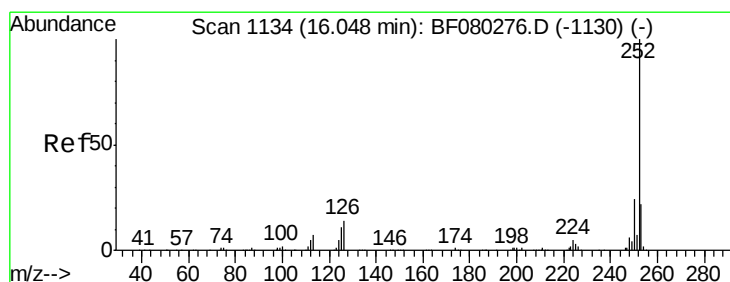
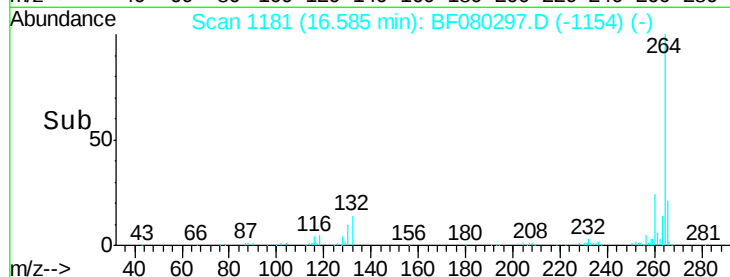
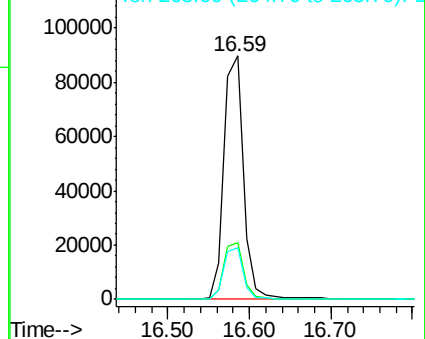
265 21.4 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 34.23 ng

RT: 16.06 min Scan# 1135

Delta R.T. 0.01 min

Lab File: BF080297.D

Acq: 2 Jul 2015 5:19

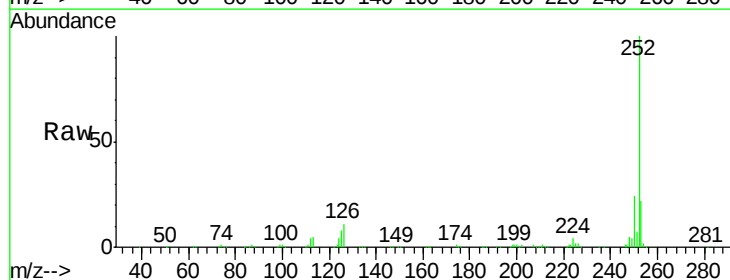
Tgt Ion:252 Resp: 322844

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

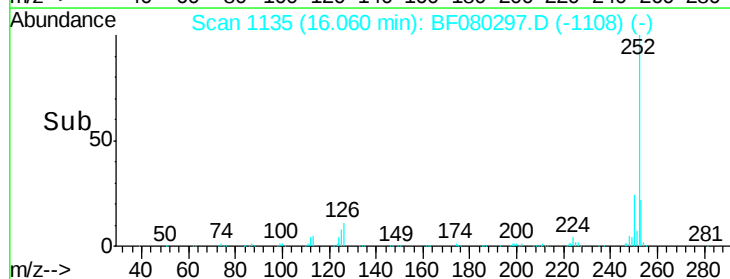
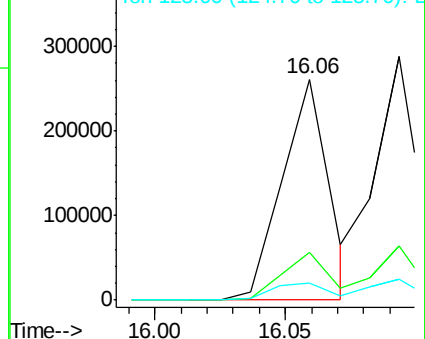
125 7.8 8.6 12.8#

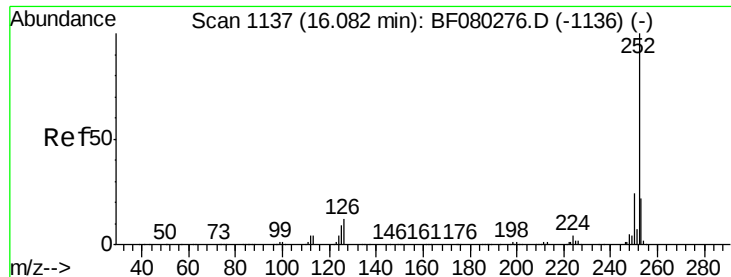


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

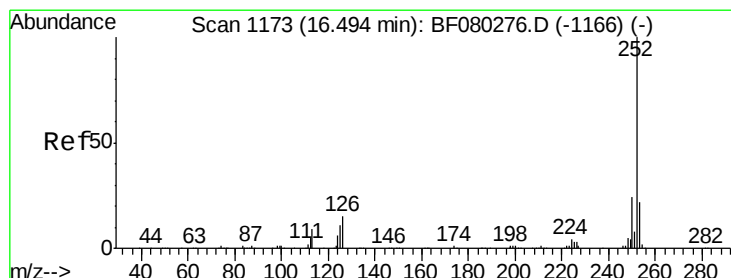
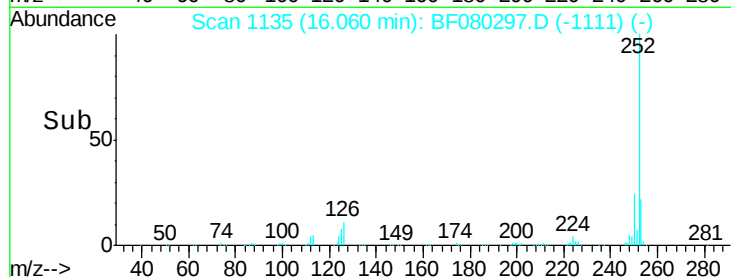
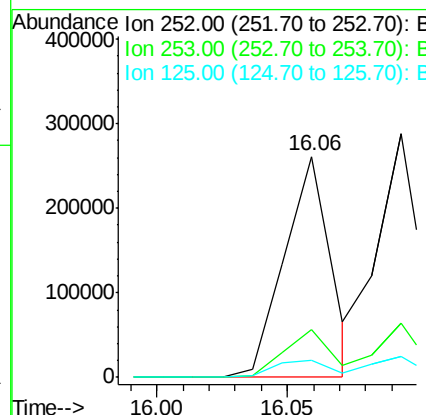
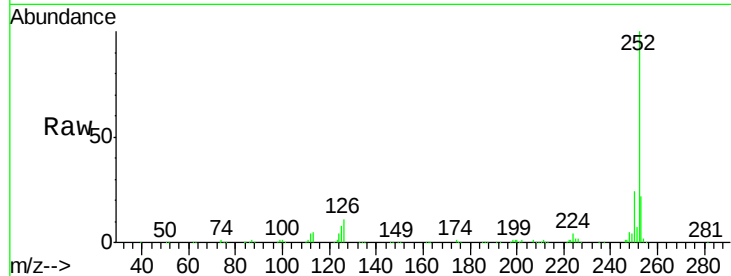




#88
Benzo(k)fluoranthene
Concen: 36.34 ng
RT: 16.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

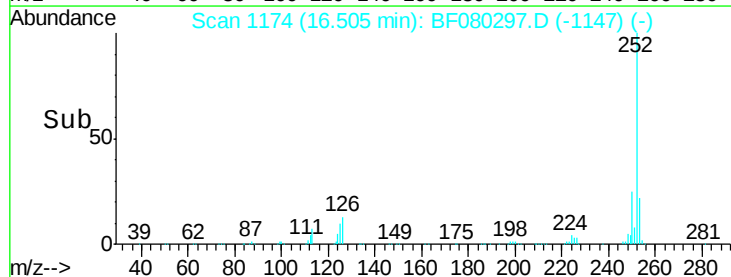
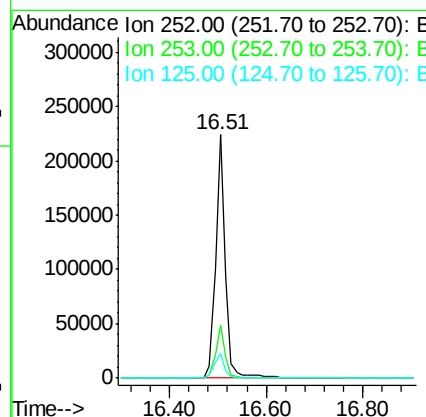
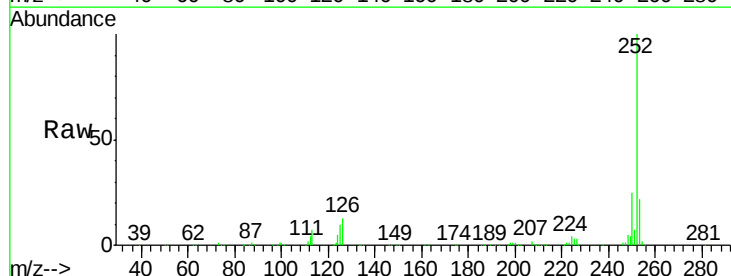
Instrument :
BNA_F
ClientSampleId :
PB84309BS

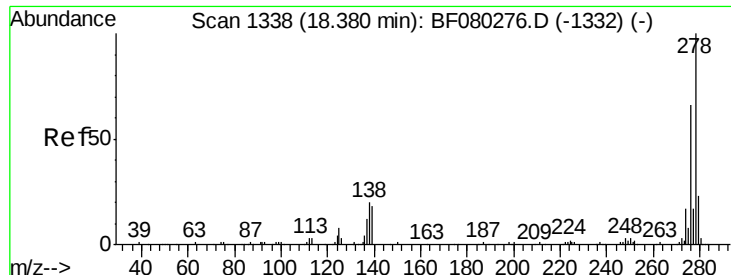
Tgt Ion:252 Resp: 322844
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 7.8 8.4 12.6#



#89
Benzo(a)pyrene
Concen: 37.23 ng
RT: 16.51 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion:252 Resp: 320079
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.1 9.0 13.4

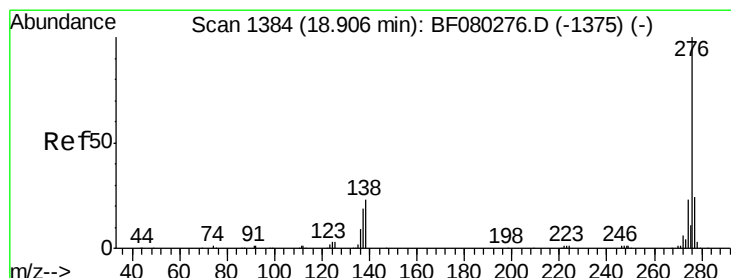
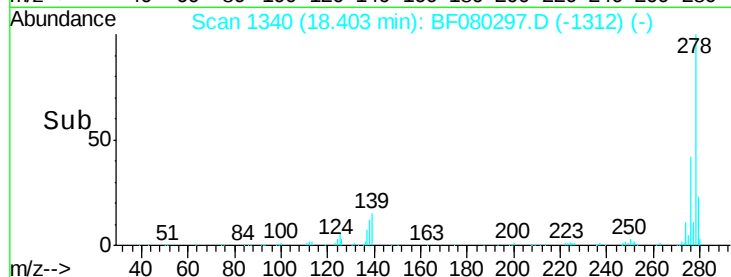
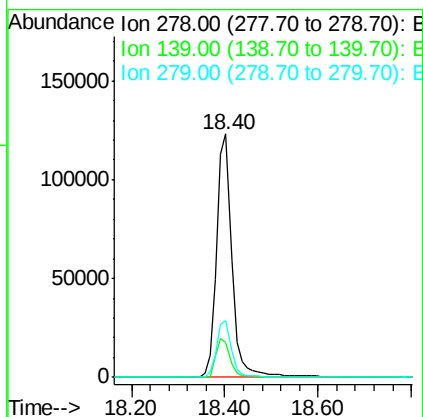
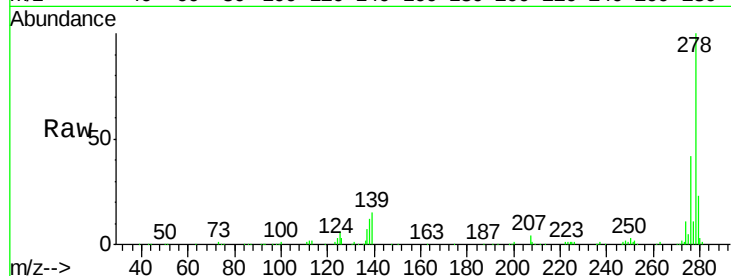




#90
Dibenzo(a,h)anthracene
Concen: 34.82 ng
RT: 18.40 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Instrument :
BNA_F
ClientSampleId :
PB84309BS

Tgt Ion:278 Resp: 280812
Ion Ratio Lower Upper
278 100
139 14.5 14.6 21.8#
279 23.2 18.7 28.1



#91
Benzo(g,h,i)perylene
Concen: 34.96 ng
RT: 18.92 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF080297.D
Acq: 2 Jul 2015 5:19

Tgt Ion:276 Resp: 294166
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.6
138 20.5 18.1 27.1

