

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090499.D
 Acq On : 11 Oct 2016 13:14
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 14:13:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 13:13:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	211311	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	879698	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	444645	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	757262	20.00	ng	0.01
75) Chrysene-d12	14.13	240	646293	20.00	ng	0.00
86) Perylene-d12	15.61	264	550987	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1472762	104.02	ng	0.00
7) Phenol-d6	6.59	99	1889436	101.89	ng	0.00
23) Nitrobenzene-d5	7.53	82	1824205	100.87	ng	0.01
41) 2,4,6-Tribromophenol	10.79	330	562022	155.45	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2662896	99.78	ng	0.00
78) Terphenyl-d14	13.08	244	3082473	107.23	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	388638	55.68	ng	# 83
3) Pyridine	3.37	79	1089193	55.97	ng	# 78
4) n-Nitrosodimethylamine	3.33	42	358444	44.63	ng	# 41
6) Aniline	6.61	93	1246710	48.67	ng	# 83
8) 2-Chlorophenol	6.74	128	805434	51.69	ng	96
9) Benzaldehyde	6.50	77	573466	61.18	ng	97
10) Phenol	6.60	94	989515	45.90	ng	90
11) bis(2-Chloroethyl)ether	6.69	93	811444	49.16	ng	99
12) 1,3-Dichlorobenzene	6.90	146	928011	59.75	ng	98
13) 1,4-Dichlorobenzene	6.98	146	917194	58.14	ng	93
14) 1,2-Dichlorobenzene	7.13	146	792952	52.17	ng	98
15) Benzyl Alcohol	7.10	79	794306	56.34	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	1167762	41.71	ng	88
17) 2-Methylphenol	7.21	107	708603	55.30	ng	99
18) Hexachloroethane	7.47	117	334840	53.84	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	653411	48.05	ng	# 79
20) 3+4-Methylphenols	7.37	107	772674	46.58	ng	# 84
22) Acetophenone	7.37	105	1016792	48.80	ng	99
24) Nitrobenzene	7.54	77	844357	47.03	ng	99
25) Isophorone	7.79	82	1633595	49.41	ng	# 93
26) 2-Nitrophenol	7.86	139	483608	62.58	ng	92
27) 2,4-Dimethylphenol	7.89	122	732302	48.73	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	1022051	52.27	ng	99
29) 2,4-Dichlorophenol	8.10	162	613735	53.72	ng	91
30) 1,2,4-Trichlorobenzene	8.19	180	754738	64.09	ng	94
31) Naphthalene	8.27	128	2443758	57.58	ng	99
32) Benzoic acid	8.04	122	662624	63.42	ng	98
33) 4-Chloroaniline	8.31	127	1024416	58.40	ng	# 92
34) Hexachlorobutadiene	8.38	225	403605	61.35	ng	100
35) Caprolactam	8.69	113	201849	52.54	ng	# 80
36) 4-Chloro-3-methylphenol	8.79	107	688469	48.12	ng	99
37) 2-Methylnaphthalene	8.95	142	1379471	53.70	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	790249	67.41	ng	100
40) Hexachlorocyclopentadiene	9.11	237	384474	59.83	ng	100

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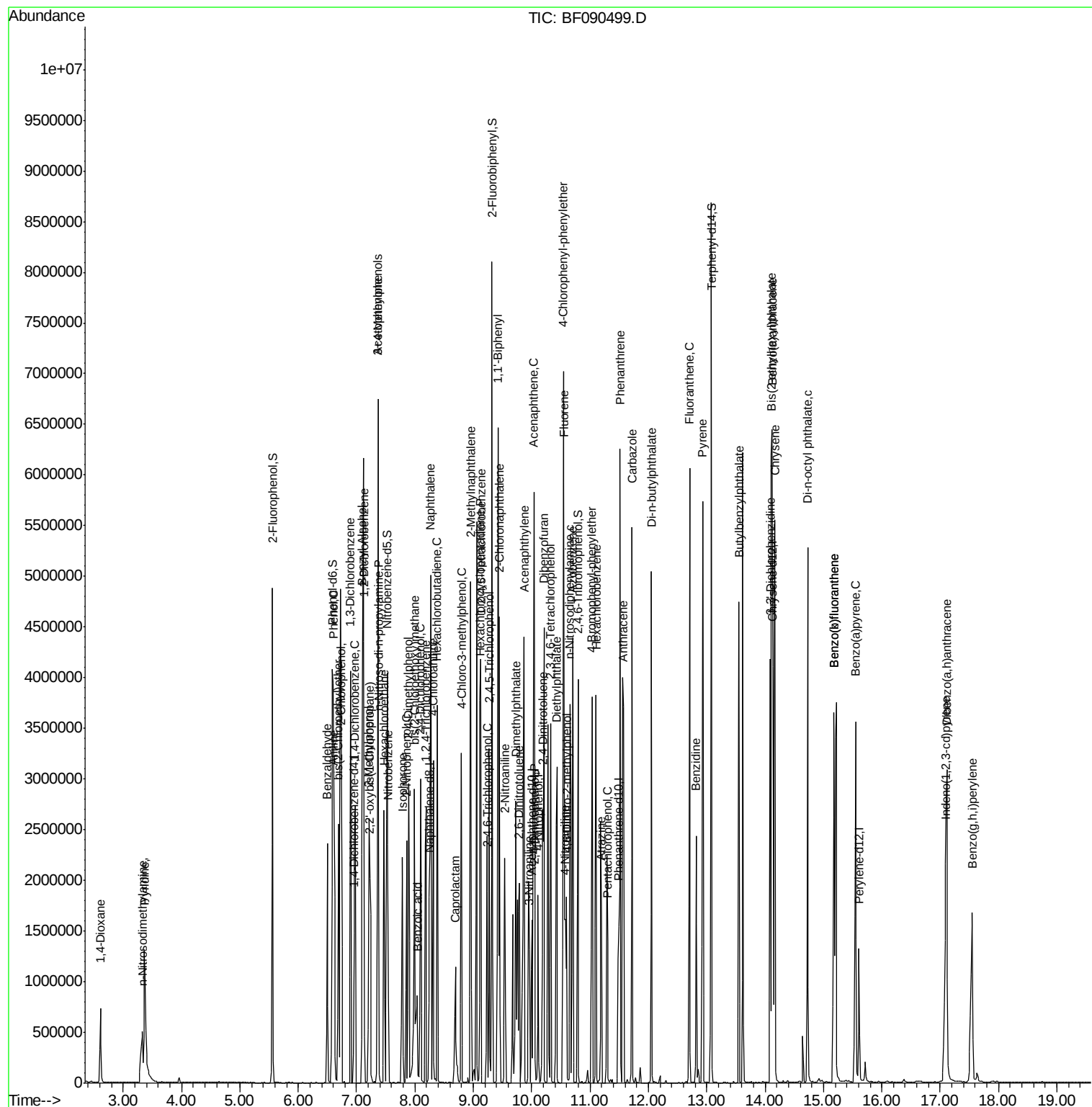
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	486332	60.12	nq	99
43) 2,4,5-Trichlorophenol	9.27	196	493346	64.50	nq	96
45) 1,1'-Biphenyl	9.42	154	1857304	56.37	nq	98
46) 2-Chloronaphthalene	9.45	162	1353953	55.62	nq	100
47) 2-Nitroaniline	9.54	65	458617	47.75	nq	97
48) Acenaphthylene	9.87	152	2379778	59.25	nq	99
49) Dimethylphthalate	9.73	163	1748310	61.39	nq	98
50) 2,6-Dinitrotoluene	9.79	165	431936	68.32	nq	# 59
51) Acenaphthene	10.04	154	1577558	62.99	nq	98
52) 3-Nitroaniline	9.96	138	492071	66.63	nq	# 69
53) 2,4-Dinitrophenol	10.05	184	204639	72.60	nq	# 79
54) Dibenzofuran	10.21	168	2152375	66.40	nq	98
55) 4-Nitrophenol	10.11	139	332414	51.44	nq	93
56) 2,4-Dinitrotoluene	10.19	165	565210	67.17	nq	# 65
57) Fluorene	10.55	166	1739602	63.85	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	457385	80.07	nq	95
59) Diethylphthalate	10.43	149	1751300	59.44	nq	98
60) 4-Chlorophenyl-phenylether	10.54	204	827761	66.82	nq	94
61) 4-Nitroaniline	10.58	138	526950	70.81	nq	85
62) Azobenzene	10.70	77	1827310	53.69	nq	90
64) 4,6-Dinitro-2-methylphenol	10.60	198	351810	76.56	nq	# 48
65) n-Nitrosodiphenylamine	10.66	169	1378369	54.32	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	526501	70.93	nq	93
67) Hexachlorobenzene	11.10	284	577577	69.87	nq	95
68) Atrazine	11.19	200	438243	70.04	nq	92
69) Pentachlorophenol	11.30	266	334401	67.96	nq	98
70) Phenanthrene	11.51	178	2261478	58.32	nq	99
71) Anthracene	11.57	178	2382495	60.17	nq	97
72) Carbazole	11.72	167	2259486	61.42	nq	99
73) Di-n-butylphthalate	12.05	149	2647821	59.14	nq	99
74) Fluoranthene	12.70	202	2267914	59.63	nq	98
76) Benzidine	12.82	184	1183082	69.62	nq	# 96
77) Pyrene	12.93	202	2239256	51.96	nq	100
79) Butylbenzylphthalate	13.55	149	1077401	48.72	nq	# 84
80) Benzo(a)anthracene	14.12	228	2244458	61.90	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	795965	60.54	nq	# 97
82) Chrysene	14.17	228	2273625	68.13	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1571418	50.00	nq	# 99
84) Di-n-octyl phthalate	14.73	149	2501920	53.69	nq	# 88
85) Indeno(1,2,3-cd)pyrene	17.09	276	1885023	79.22	nq	97
87) Benzo(b)fluoranthene	15.18	252	2148636	61.22	nq	# 97
88) Benzo(k)fluoranthene	15.18	252	2148636	65.17	nq	# 97
89) Benzo(a)pyrene	15.55	252	1865529	61.67	nq	# 97
90) Dibenzo(a,h)anthracene	17.12	278	1641593	63.79	nq	# 96
91) Benzo(g,h,i)perylene	17.55	276	1508220	61.07	nq	98

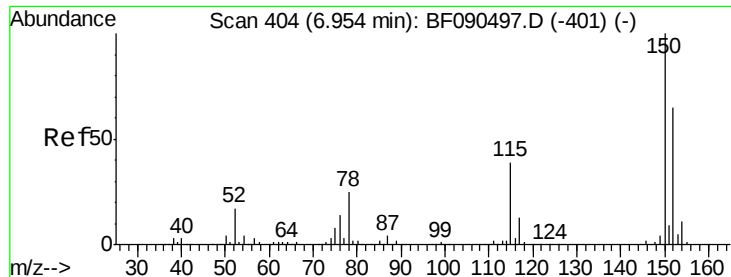
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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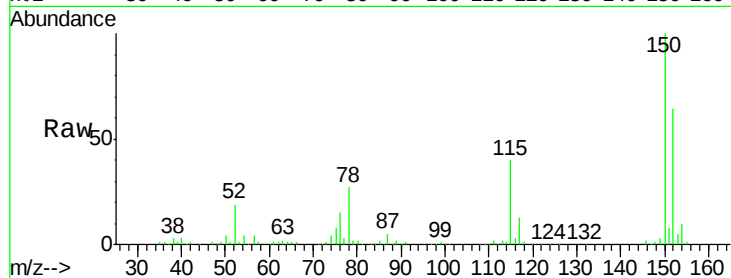


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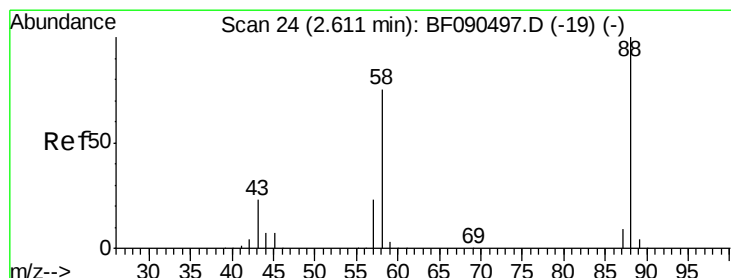
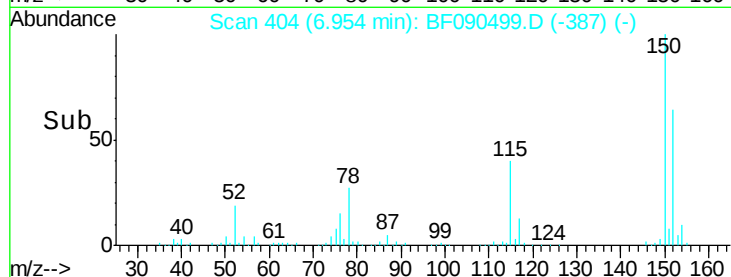
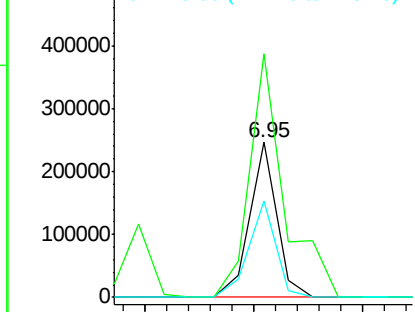
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 211311
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 62.5 46.2 69.4



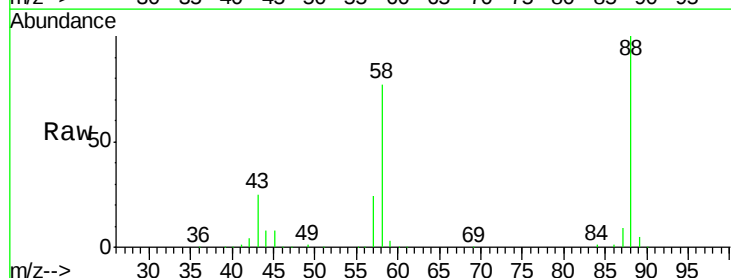
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



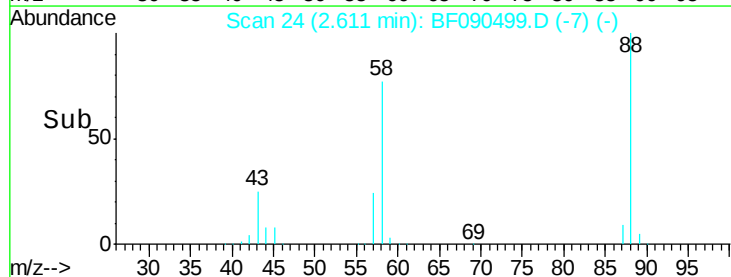
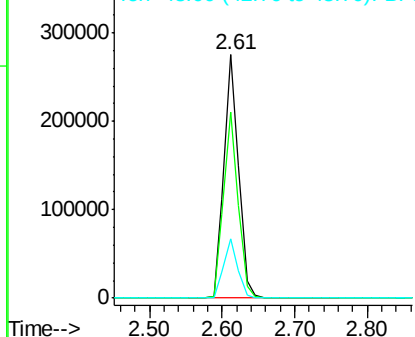
#2

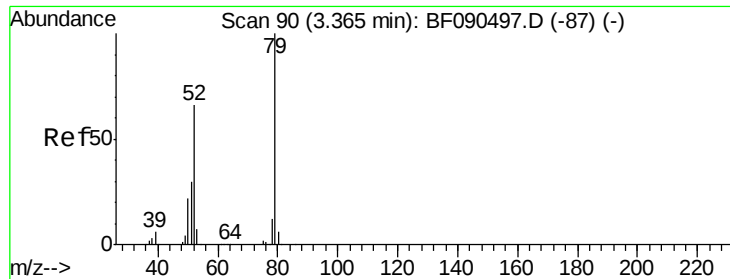
1,4-Dioxane
Concen: 55.68 ng
RT: 2.61 min Scan# 24
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion: 88 Resp: 388638
Ion Ratio Lower Upper
88 100
58 75.7 71.2 106.8
43 23.7 29.8 44.6#



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





#3

Pvridine

Concen: 55.97 ng

RT: 3.37 min Scan# 90

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampled :

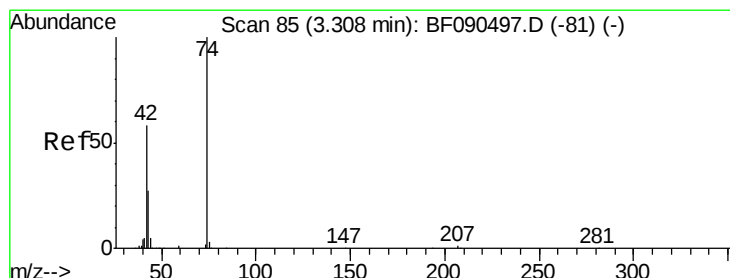
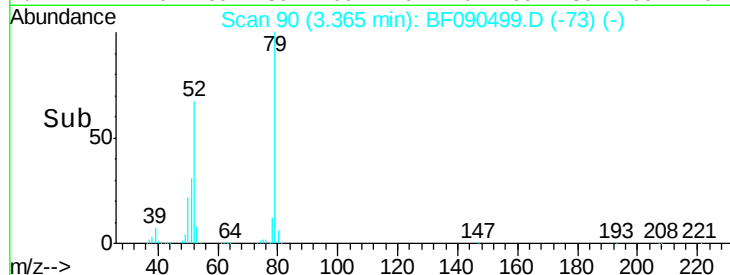
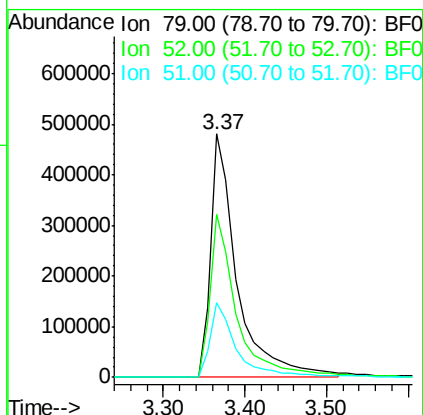
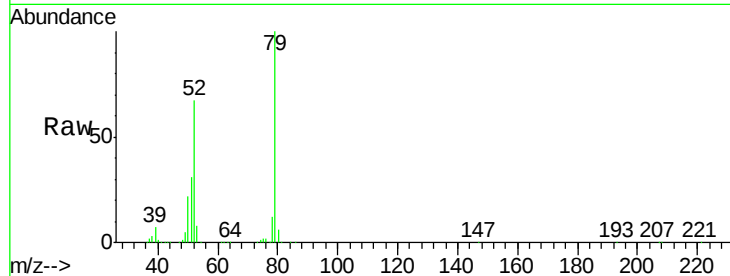
Tot Ion: 79 Resp: 1089193

Ion Ratio Lower Upper

79 100

52 66.9 71.3 106.9#

51 30.9 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 44.63 ng

RT: 3.33 min Scan# 87

Delta R.T. 0.02 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

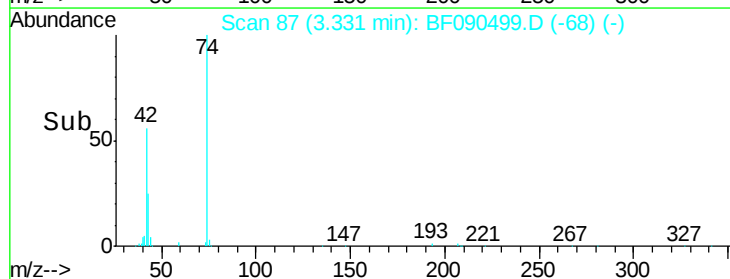
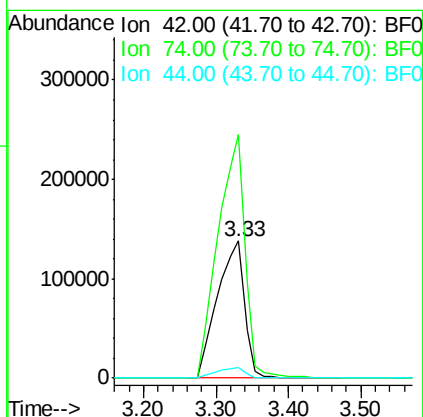
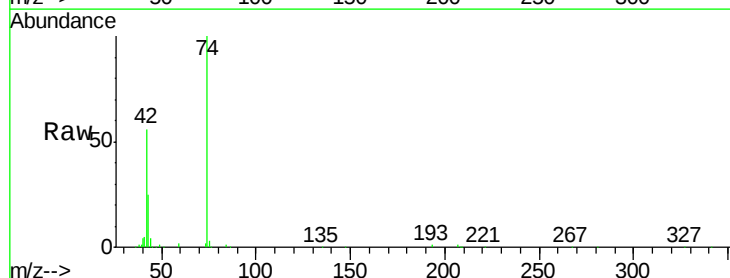
Tgt Ion: 42 Resp: 358444

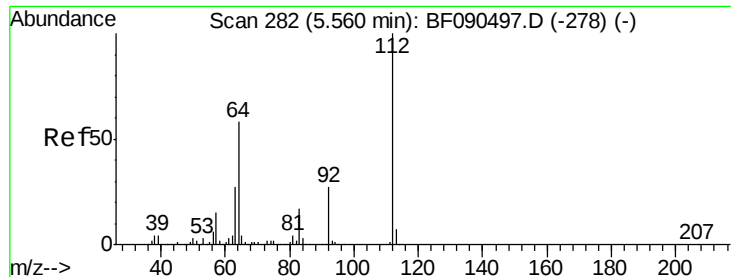
Ion Ratio Lower Upper

42 100

74 177.9 88.9 133.3#

44 7.6 6.5 9.7





#5

2-Fluorophenol

Concen: 104.02 ng

RT: 5.56 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

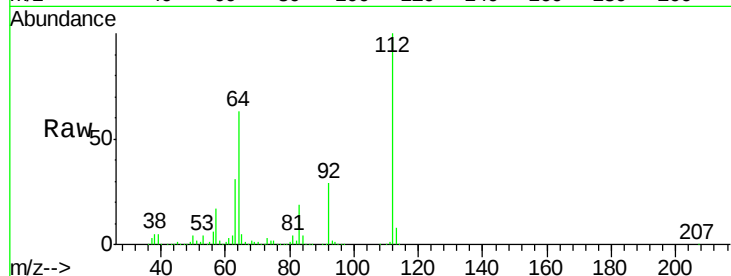
Tot Ion:112 Resp: 1472762

Ion Ratio Lower Upper

112 100

64 62.6 57.9 86.9

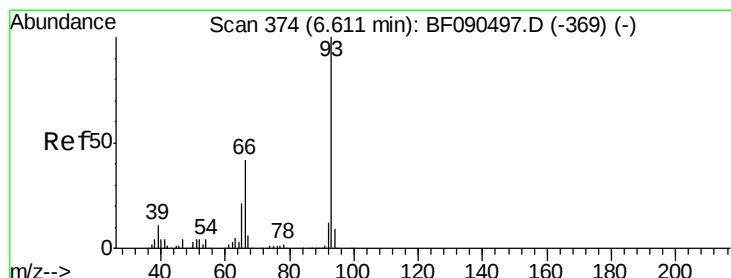
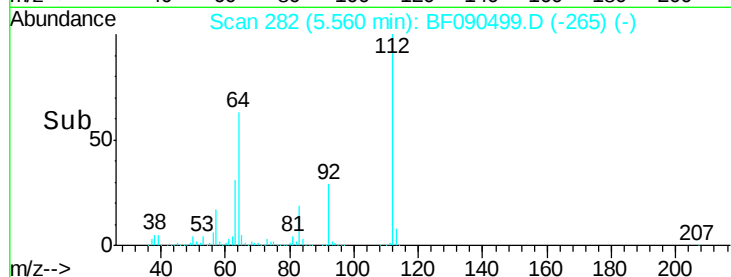
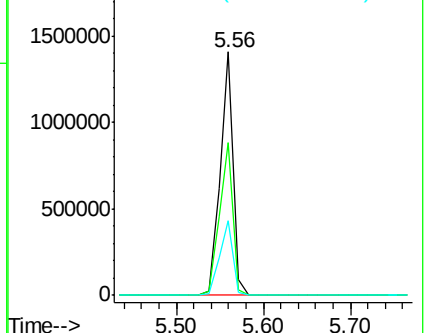
63 30.6 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 48.67 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

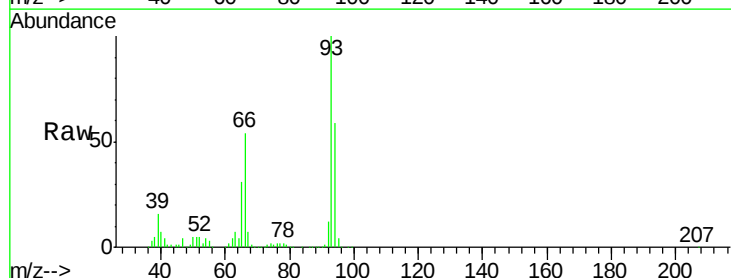
Tgt Ion: 93 Resp: 1246710

Ion Ratio Lower Upper

93 100

66 54.1 34.5 51.7#

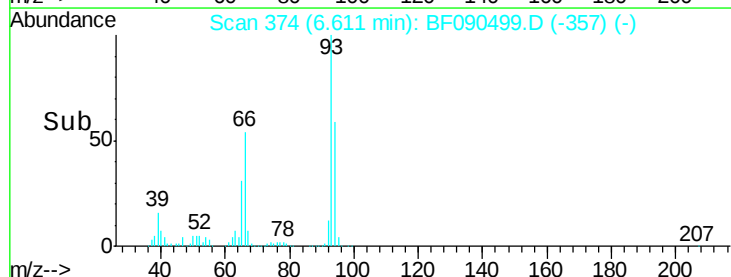
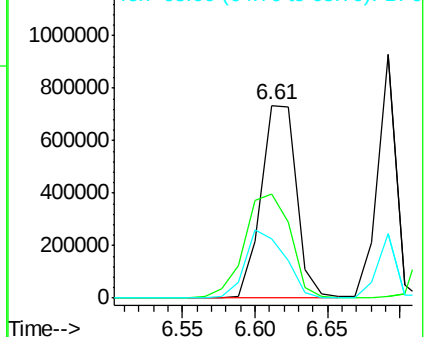
65 31.0 18.2 27.2#

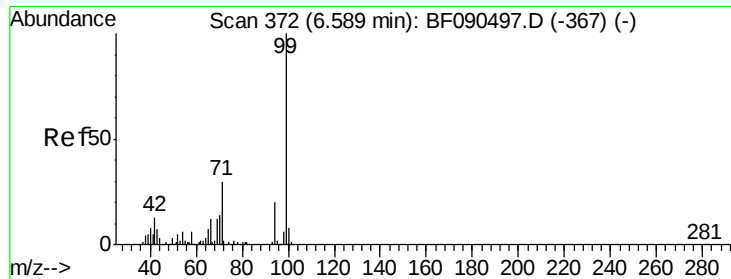


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 101.89 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

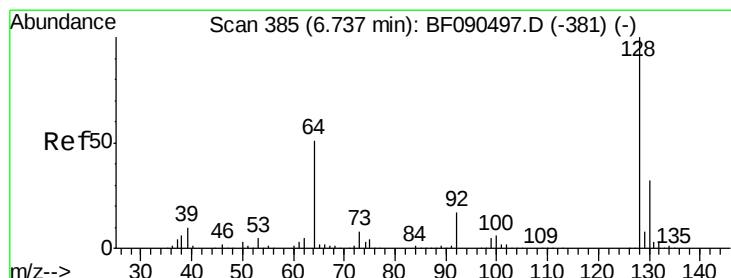
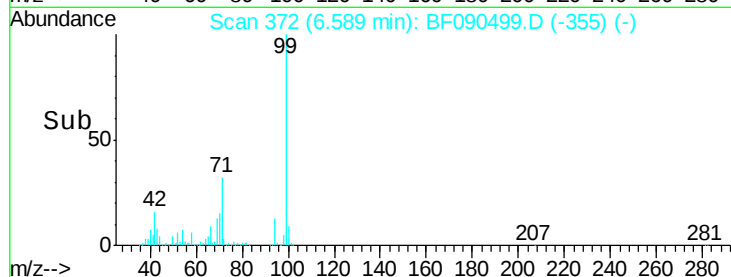
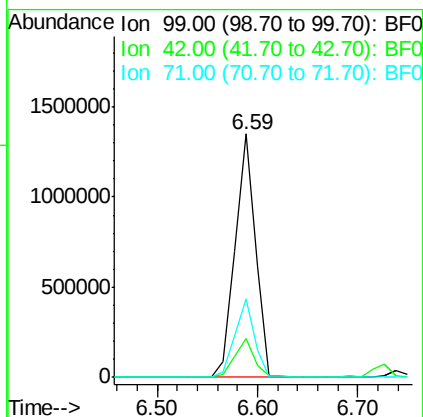
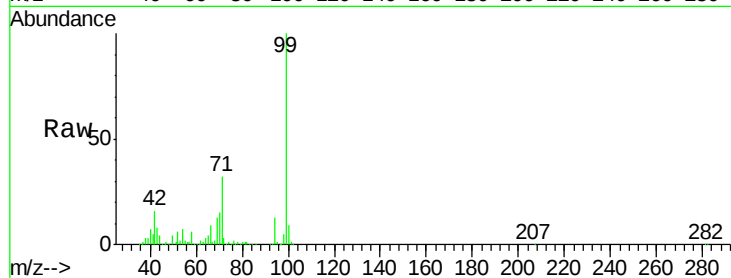
Instrument :

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Tot Ion: 99 Resp: 1889436

Ion	Ratio	Lower	Upper
99	100		
42	15.7	20.0	30.0#
71	32.4	27.9	41.9



#8

2-Chlorophenol

Concen: 51.69 ng

RT: 6.74 min Scan# 385

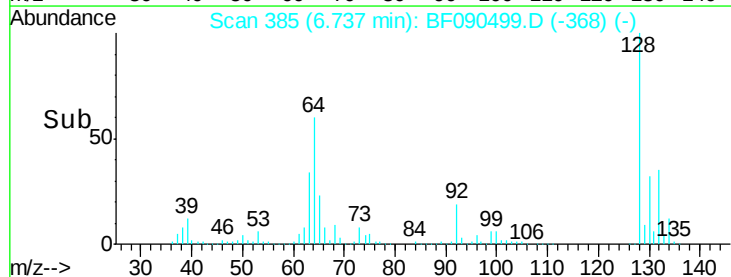
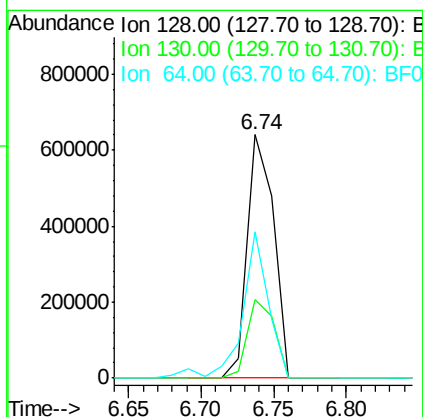
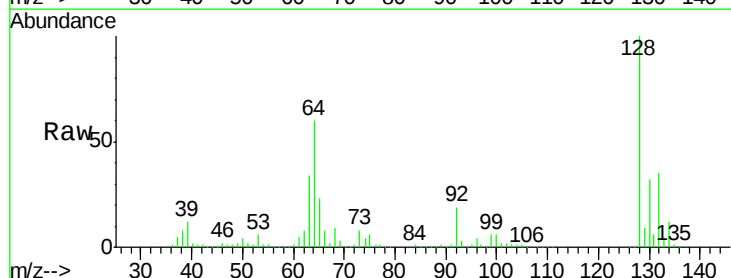
Delta R.T. -0.00 min

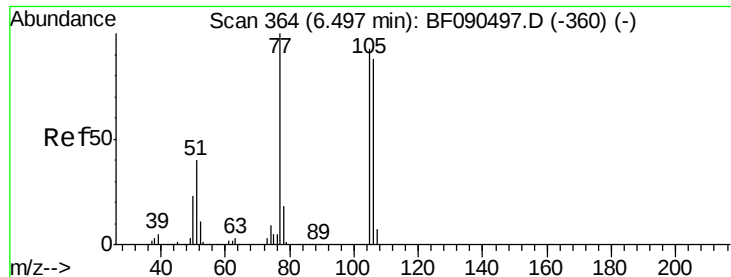
Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Tgt Ion: 128 Resp: 805434

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.3	53.3
64	60.1	36.0	76.0





#9

Benzaldehyde

Concen: 61.18 ng

RT: 6.50 min Scan# 364

Delta R.T. -0.00 min

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ClientSampleId :

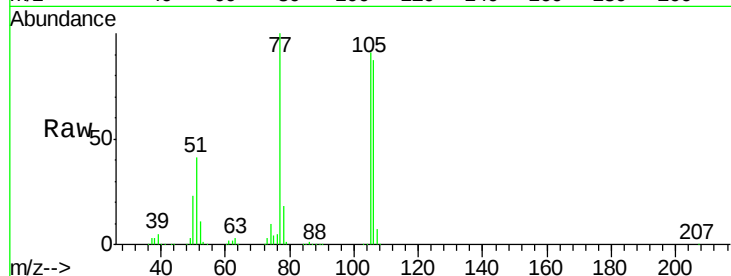
Tot Ion: 77 Resp: 573466

Ion Ratio Lower Upper

77 100

105 91.3 73.1 113.1

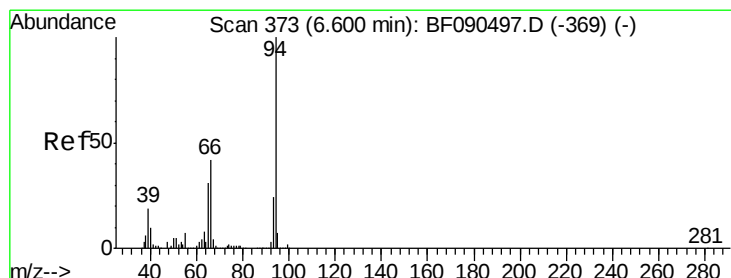
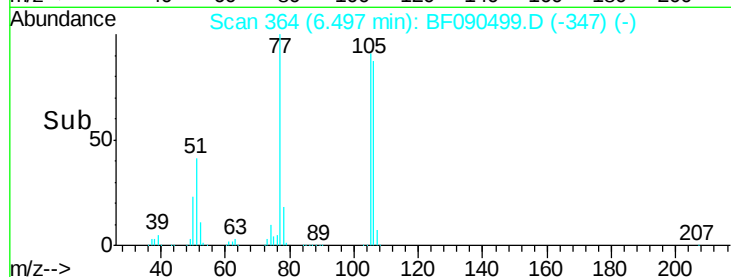
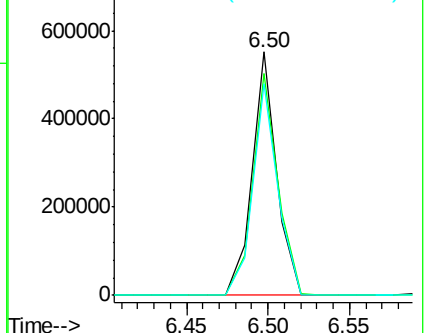
106 87.1 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.90 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

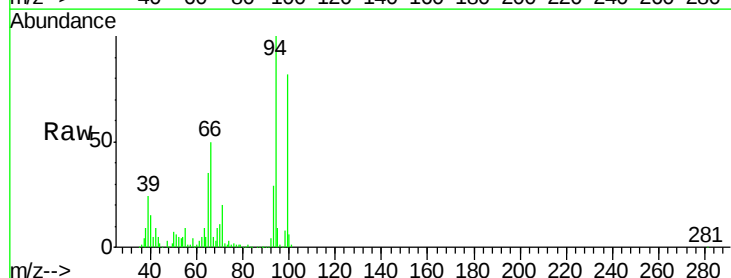
Tgt Ion: 94 Resp: 989515

Ion Ratio Lower Upper

94 100

65 34.9 13.3 53.3

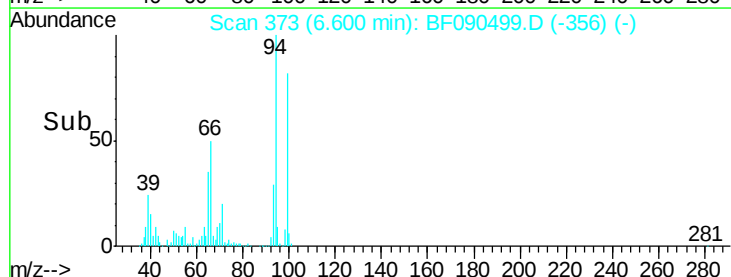
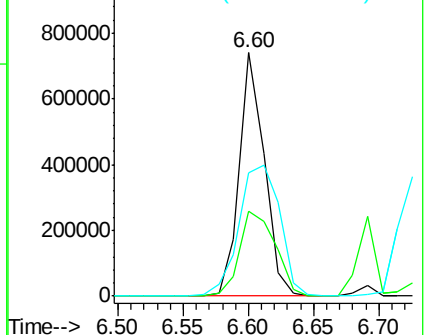
66 50.4 20.4 60.4

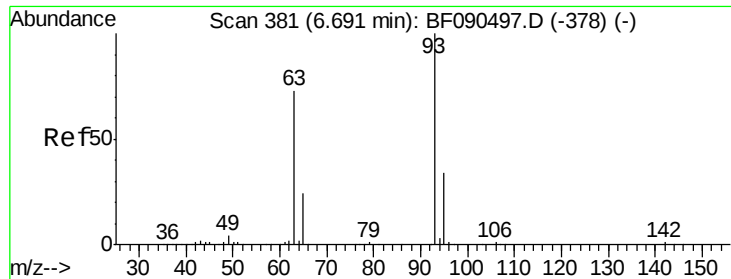


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

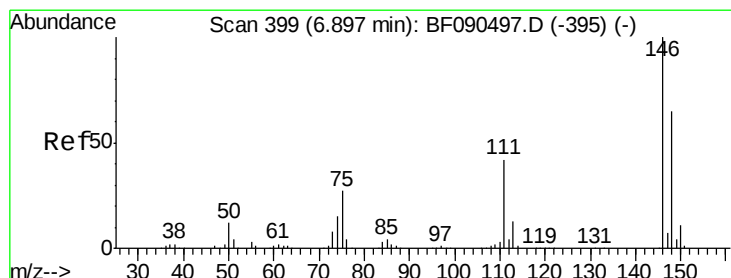
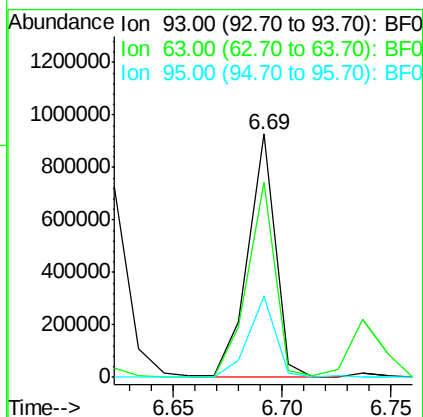
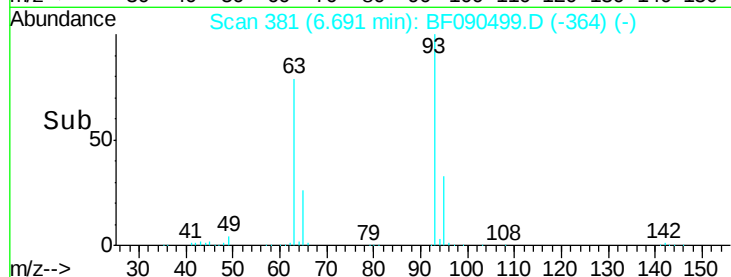
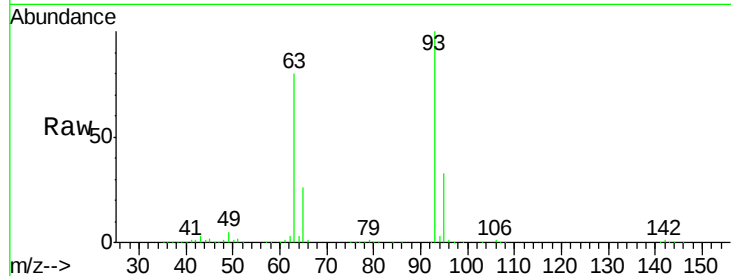




#11
bis(2-Chloroethyl)ether
Concen: 49.16 ng
RT: 6.69 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

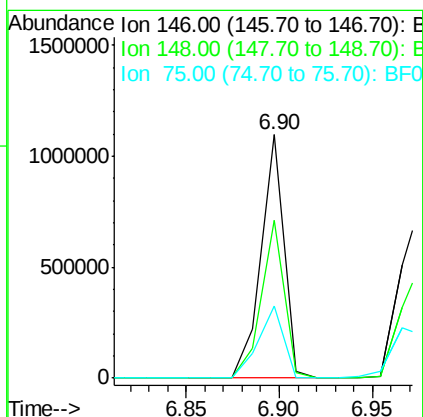
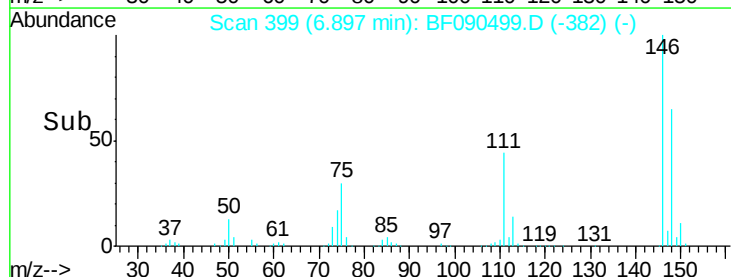
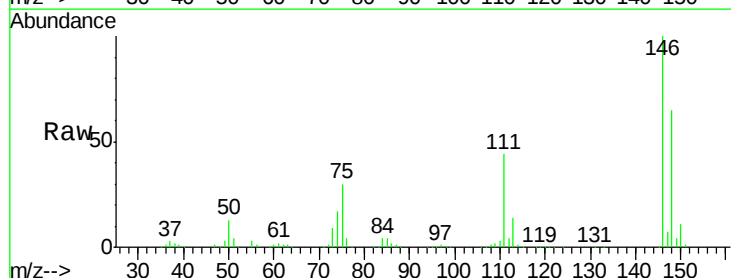
Instrument :
BNA_F
ClientSampleId :

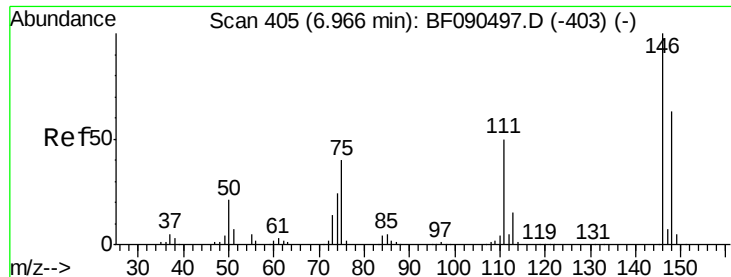
Tot Ion: 93 Resp: 811444
Ion Ratio Lower Upper
93 100
63 80.3 59.7 99.7
95 33.3 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 59.75 ng
RT: 6.90 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion: 146 Resp: 928011
Ion Ratio Lower Upper
146 100
148 64.7 52.2 78.4
75 29.8 21.4 32.2

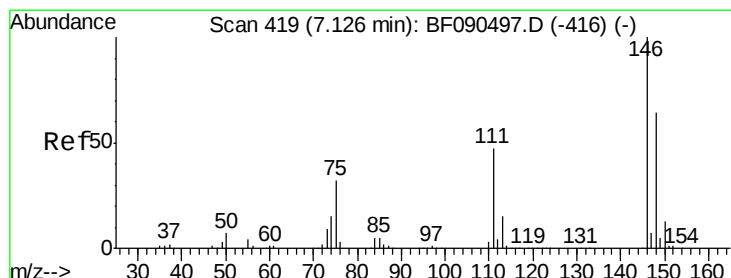
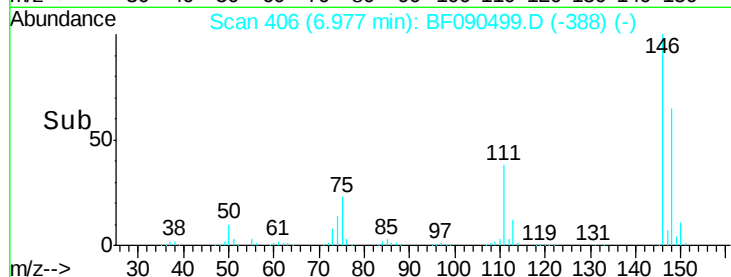
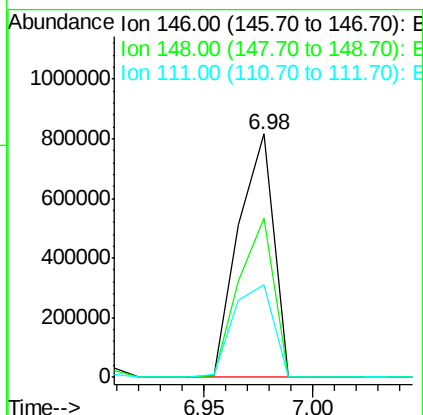
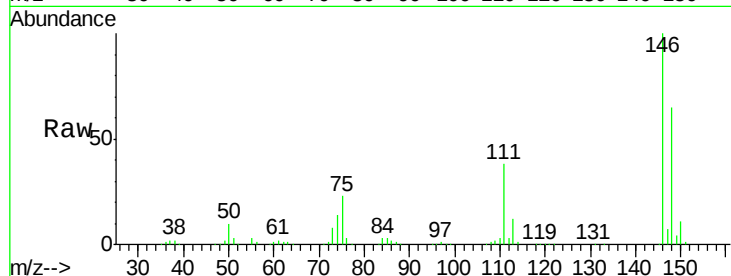




#13
 1,4-Dichlorobenzene
 Concen: 58.14 ng
 RT: 6.98 min Scan# 406
 Delta R.T. 0.01 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

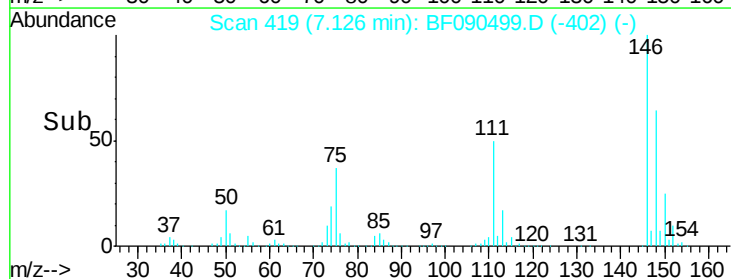
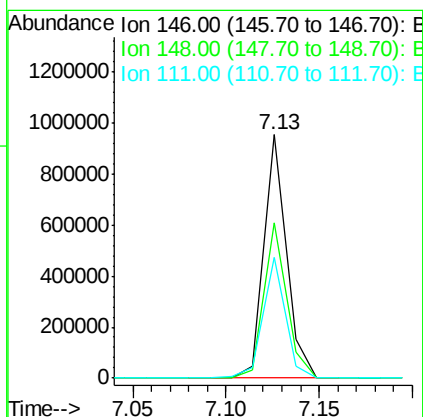
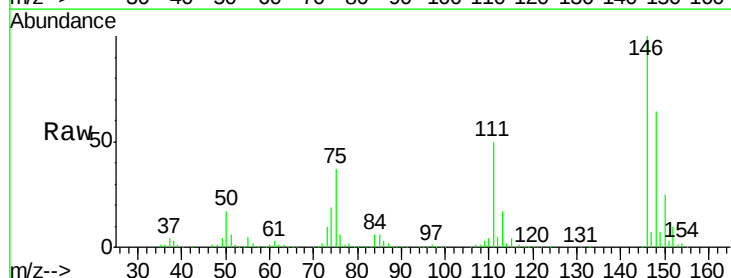
Instrument :
 BNA_F
 ClientSampled :

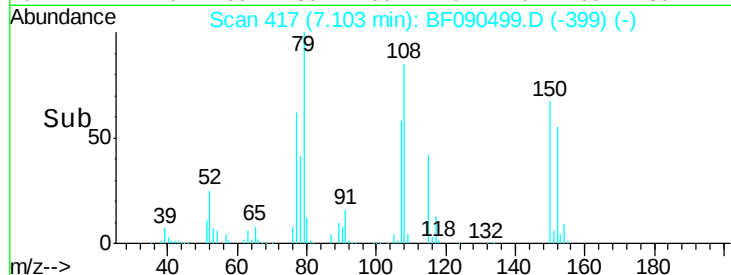
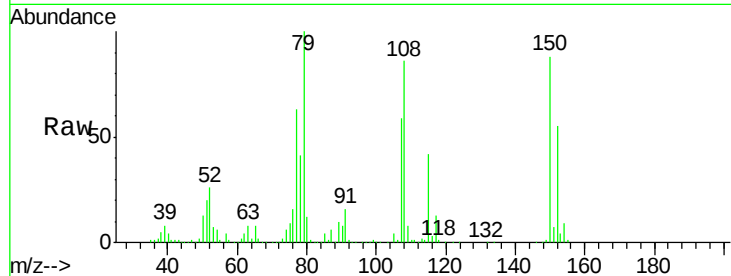
Tot Ion:146 Resp: 917194
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.1 76.7
 111 38.0 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 52.17 ng
 RT: 7.13 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion:146 Resp: 792952
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 49.7 38.2 57.4





#15

Benzyl Alcohol

Concen: 56.34 ng

RT: 7.10 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampled :

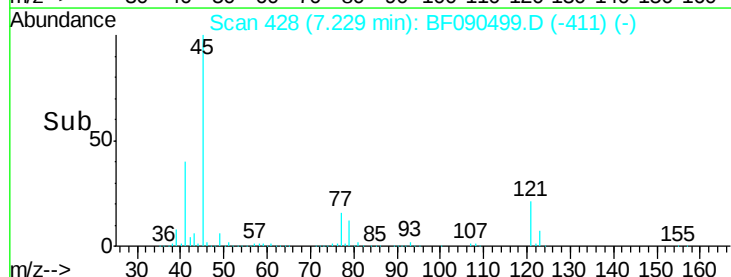
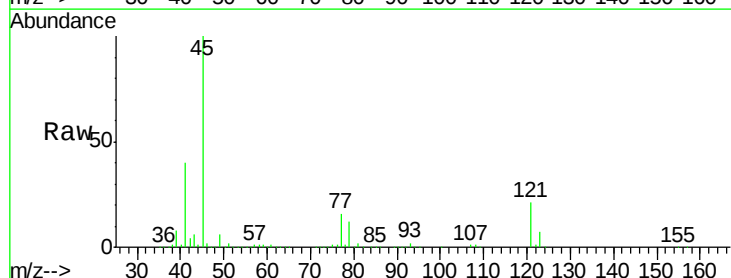
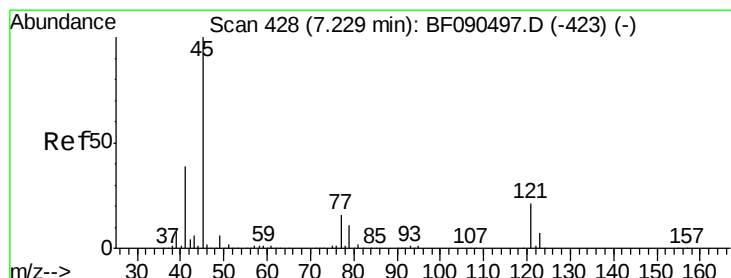
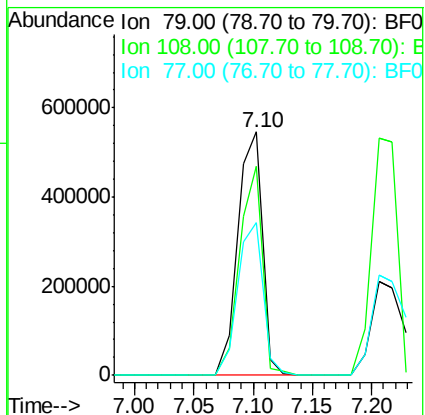
Tot Ion: 79 Resp: 794306

Ion Ratio Lower Upper

79 100

108 86.0 60.9 91.3

77 62.7 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.71 ng

RT: 7.23 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

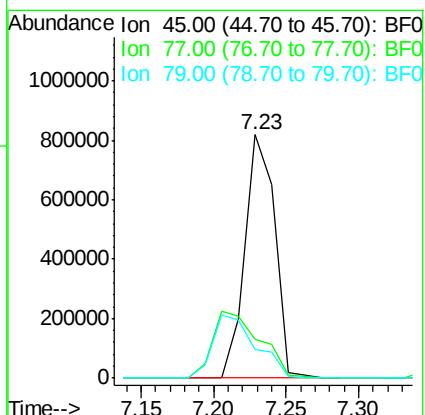
Tgt Ion: 45 Resp: 1167762

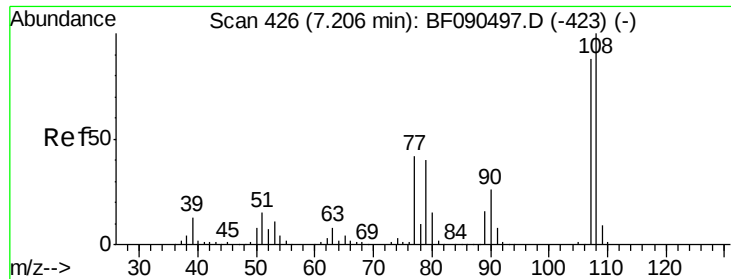
Ion Ratio Lower Upper

45 100

77 15.7 0.0 30.8

79 11.7 0.0 28.2

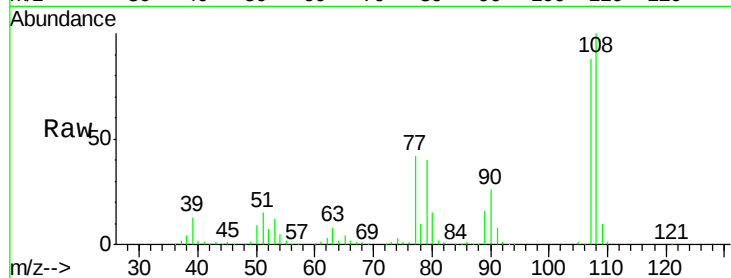




#17
2-Methylphenol
Concen: 55.30 ng
RT: 7.21 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.9	136.3
77	47.8	38.2	57.4
79	44.9	37.0	55.4



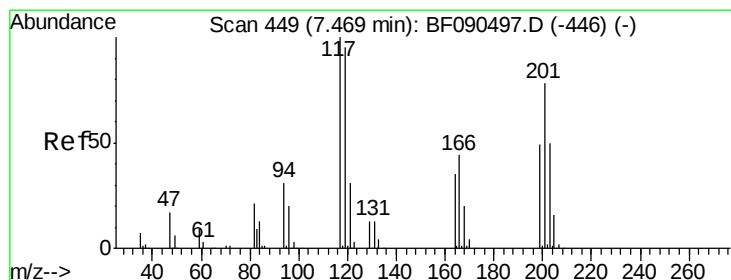
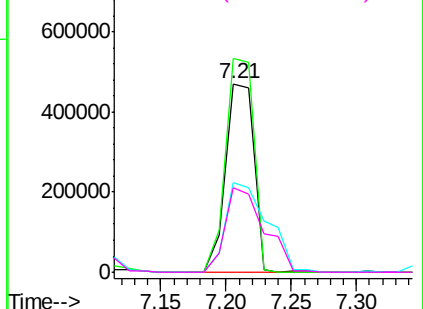
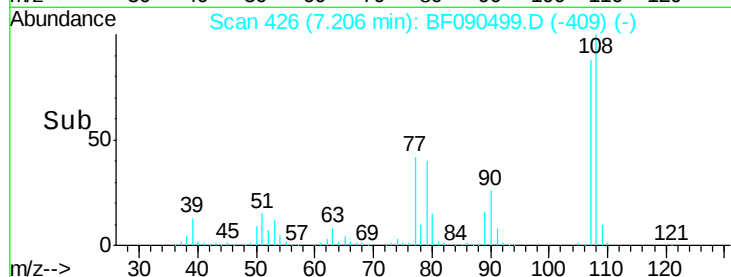
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

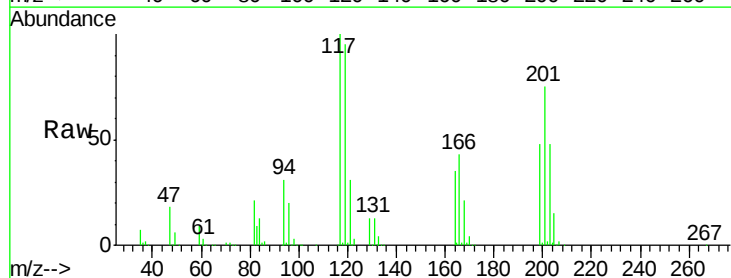
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 53.84 ng
RT: 7.47 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.9	113.9
201	74.8	66.5	99.7

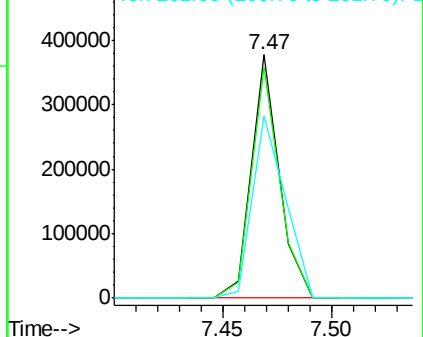
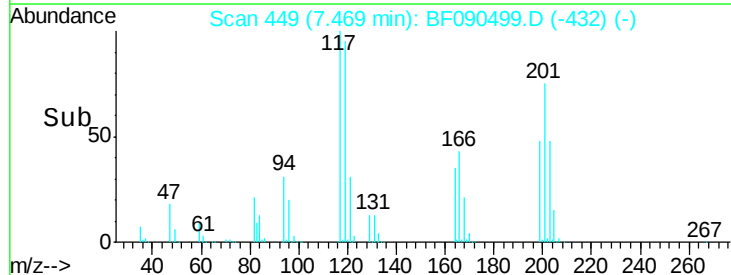


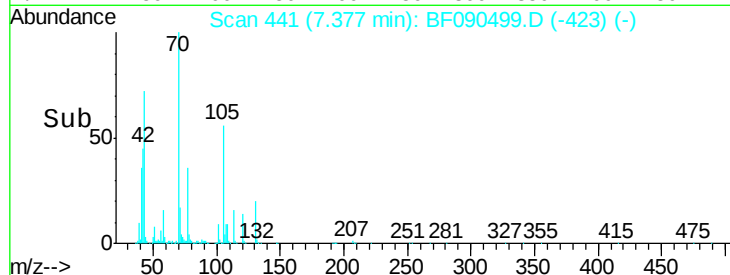
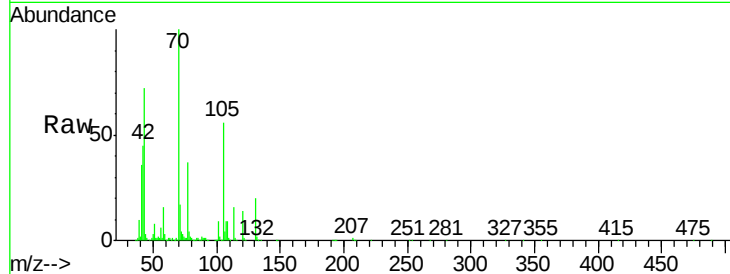
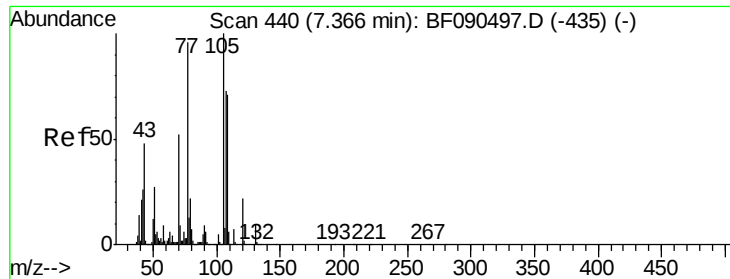
Abundance

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

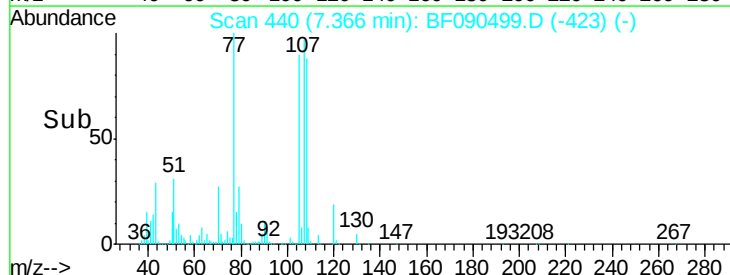
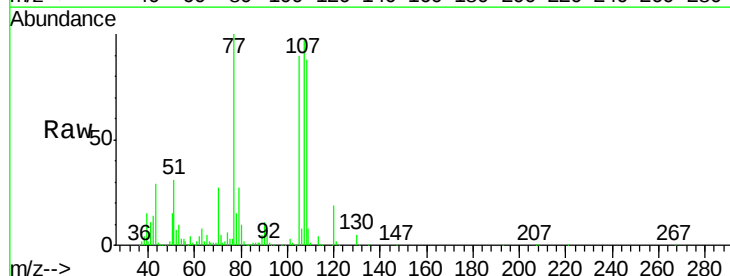
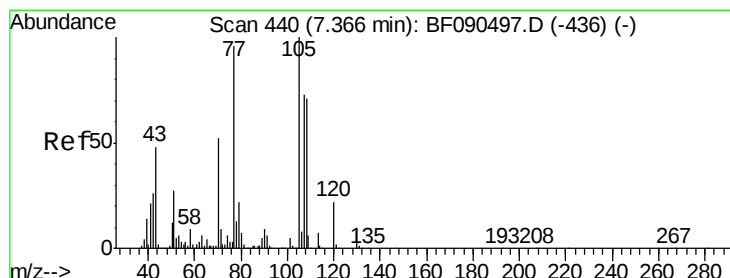
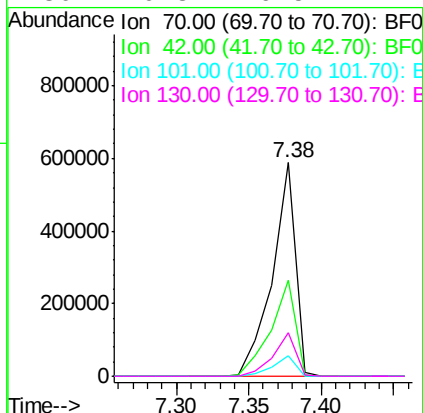




#19
n-Nitroso-di-n-propylamine
Concen: 48.05 ng
RT: 7.38 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

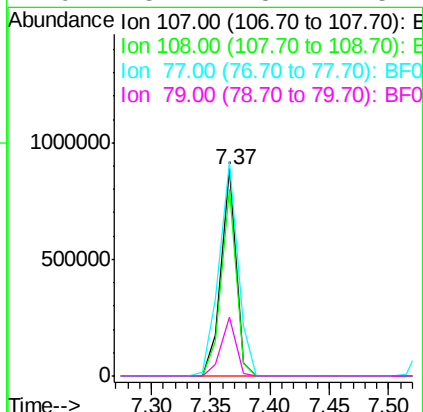
Instrument :
BNA_F
ClientSampleId :

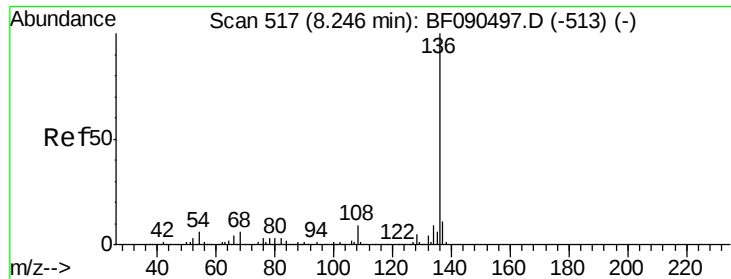
Tot Ion: 70 Resp: 653411
Ion Ratio Lower Upper
70 100
42 44.8 55.4 83.2#
101 9.3 7.6 11.4
130 20.3 16.5 24.7



#20
3+4-Methylphenols
Concen: 46.58 ng
RT: 7.37 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion: 107 Resp: 772674
Ion Ratio Lower Upper
107 100
108 90.5 66.7 106.7
77 103.2 53.7 93.7#
79 28.2 8.4 48.4

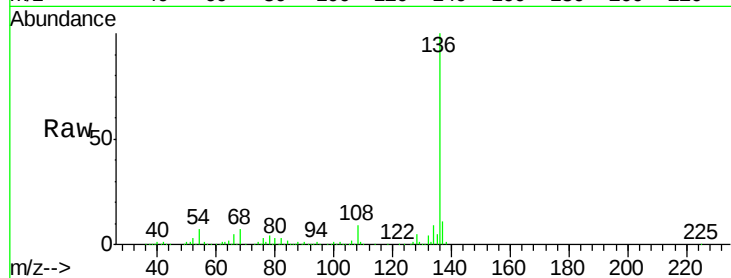




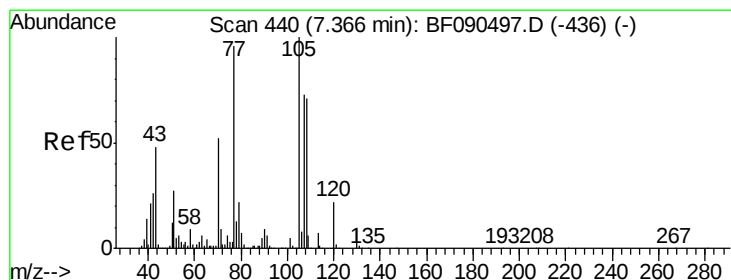
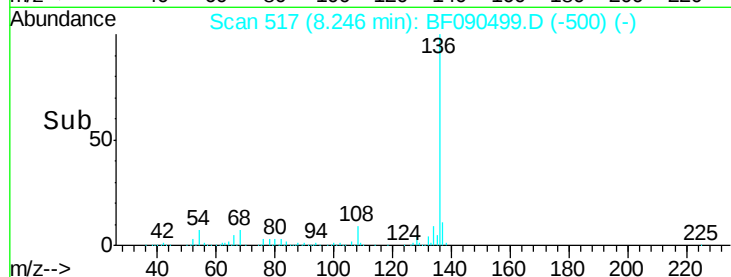
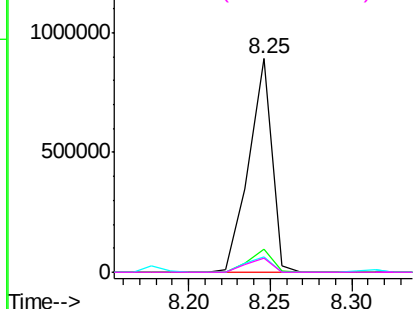
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	879698	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	9.0	13.6	
54 6.9	6.6	10.0	
68 6.5	5.0	7.6	

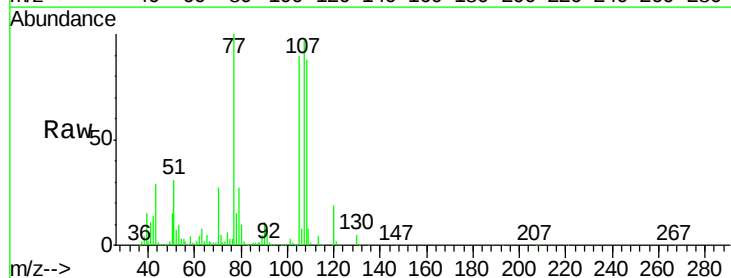


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

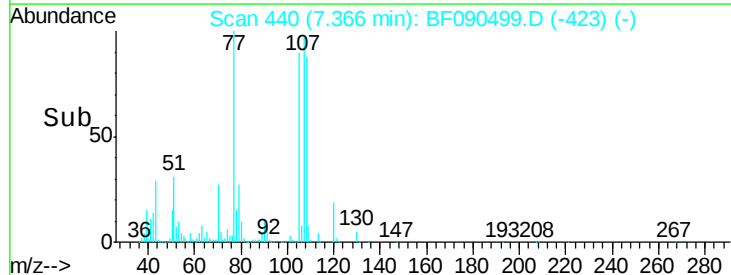
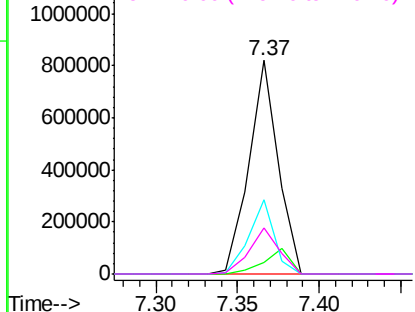


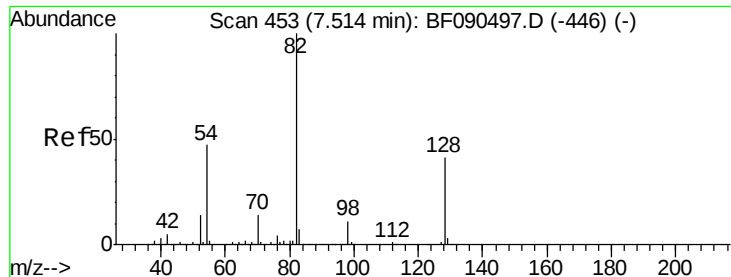
#22
Acetophenone
Concen: 48.80 ng
RT: 7.37 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt	Ion:105	Resp:	1016792
Ion	Ratio	Lower	Upper
105	100		
71	5.2	3.8	5.6
51	34.6	28.2	42.4
120	21.5	17.4	26.2



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



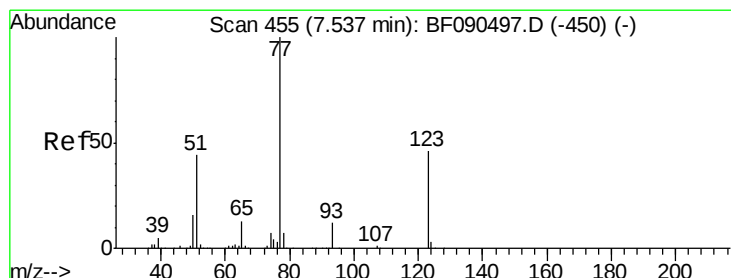
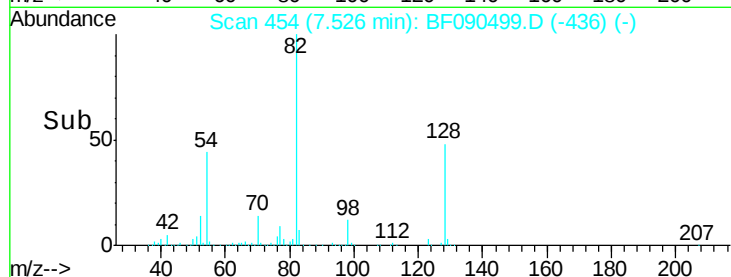
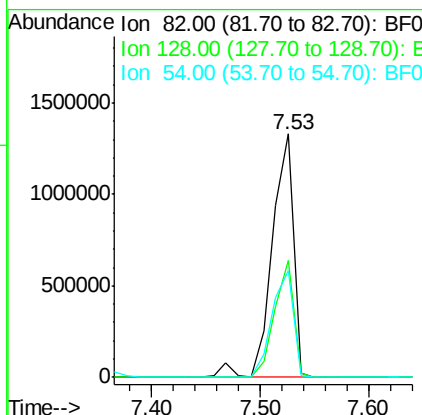
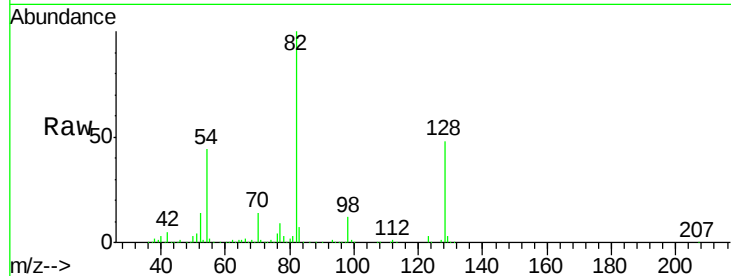


#23
 Nitrobenzene-d5
 Concen: 100.87 ng
 RT: 7.53 min Scan# 454
 Delta R.T. 0.01 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1824205

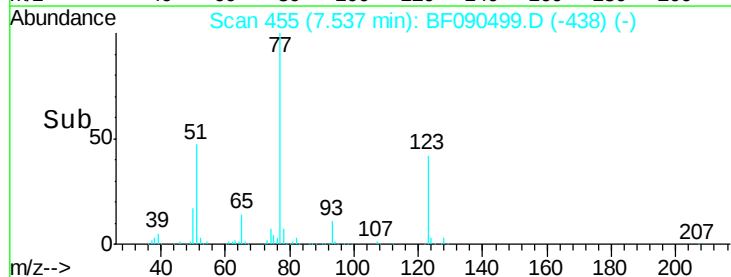
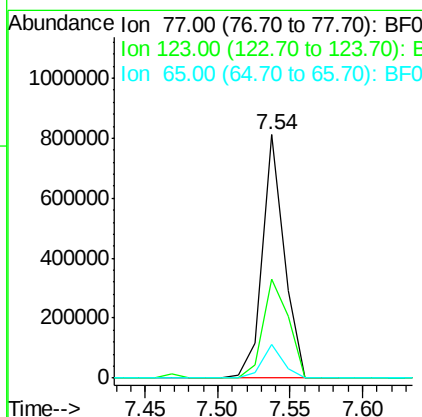
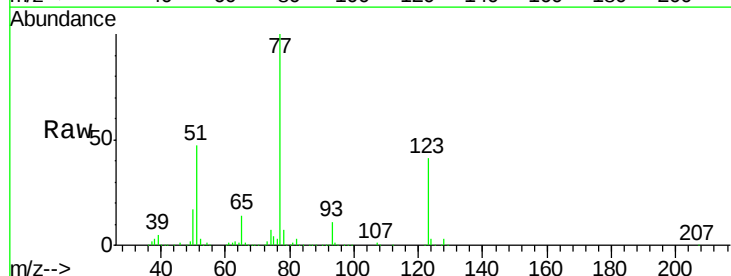
Ion	Ratio	Lower	Upper
82	100		
128	48.1	40.0	60.0
54	44.0	42.6	64.0

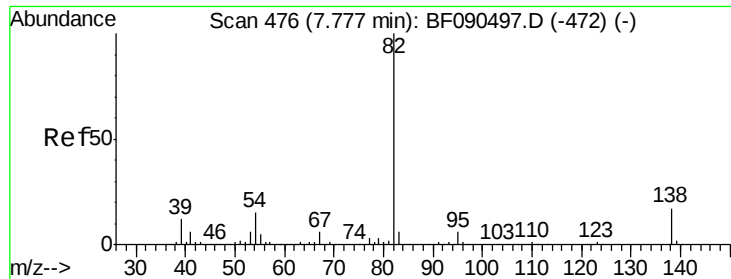


#24
 Nitrobenzene
 Concen: 47.03 ng
 RT: 7.54 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion: 77 Resp: 844357

Ion	Ratio	Lower	Upper
77	100		
123	40.9	33.0	49.4
65	13.7	12.0	18.0





#25

Isophorone

Concen: 49.41 ng

RT: 7.79 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampled :

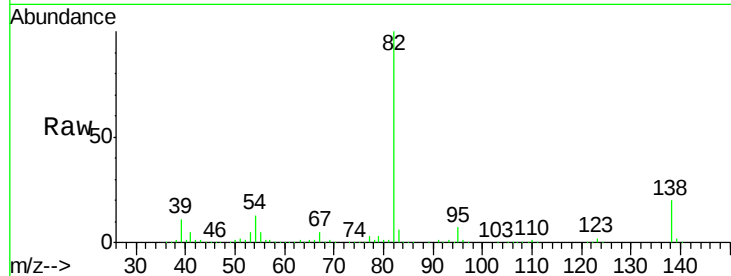
Tot Ion: 82 Resp: 1633595

Ion Ratio Lower Upper

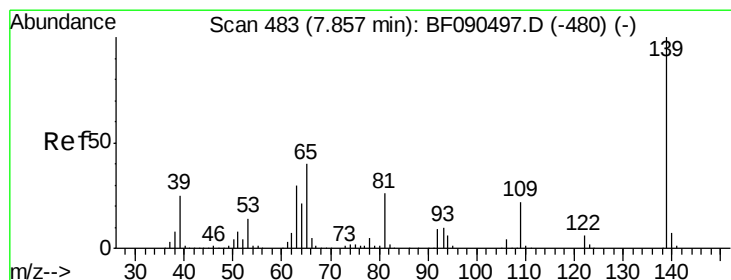
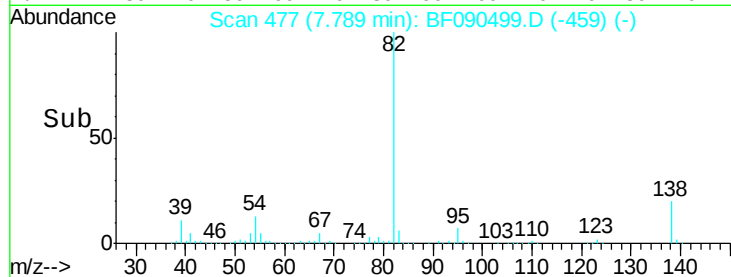
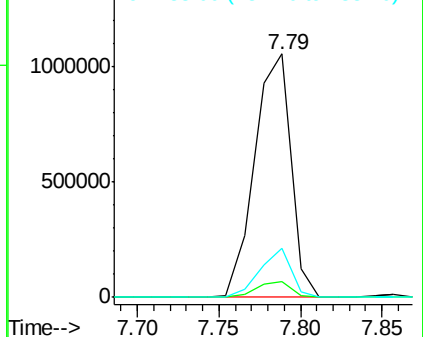
82 100

95 6.7 5.2 7.8

138 20.0 13.0 19.4#



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



#26

2-Nitrophenol

Concen: 62.58 ng

RT: 7.86 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

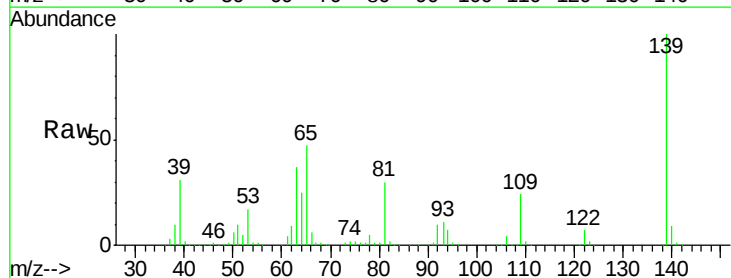
Tgt Ion: 139 Resp: 483608

Ion Ratio Lower Upper

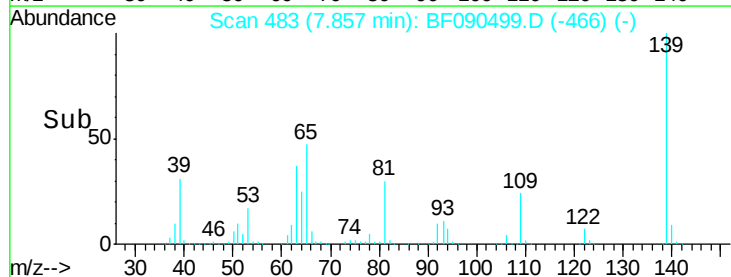
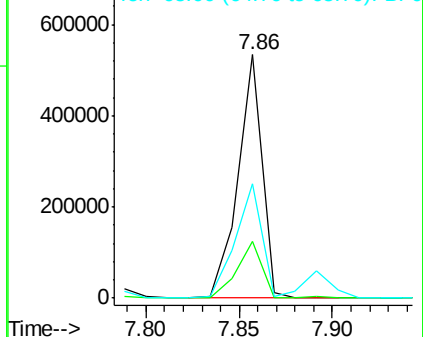
139 100

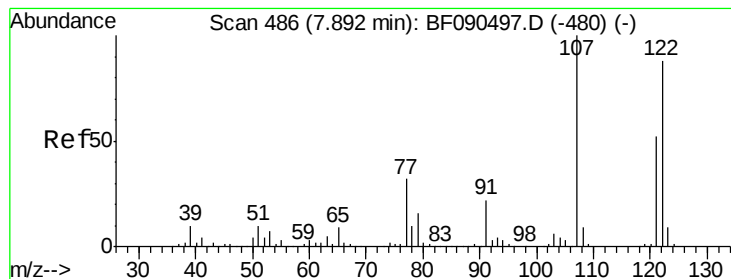
109 23.5 18.9 28.3

65 46.8 31.6 47.4



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

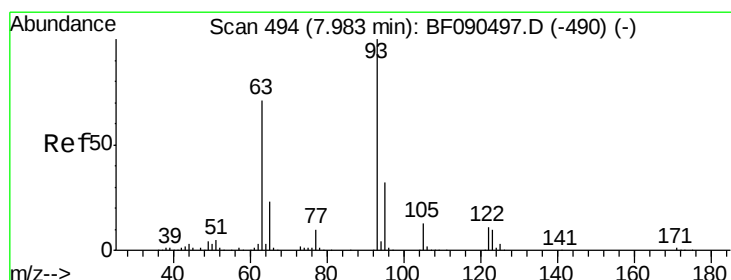
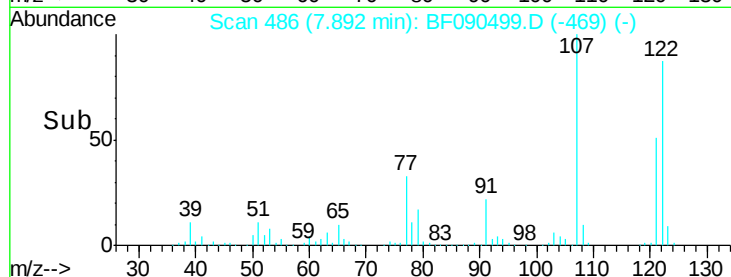
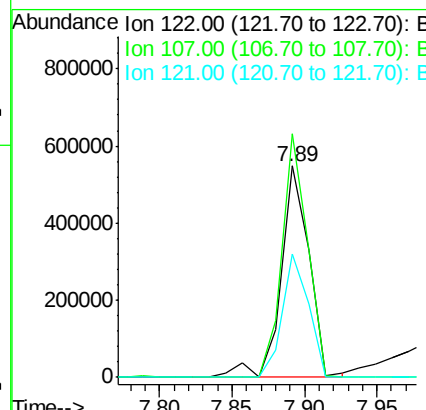
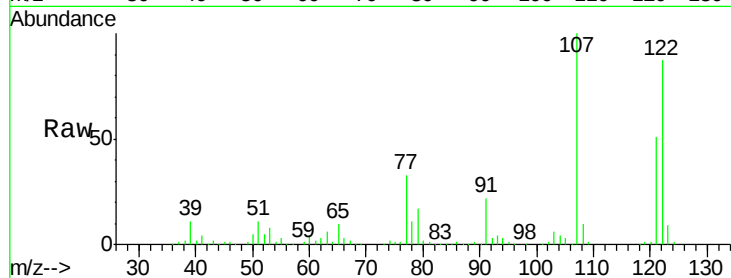




#27
 2,4-Dimethylphenol
 Concen: 48.73 ng
 RT: 7.89 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

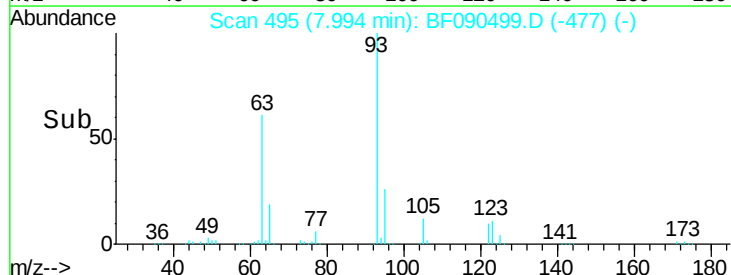
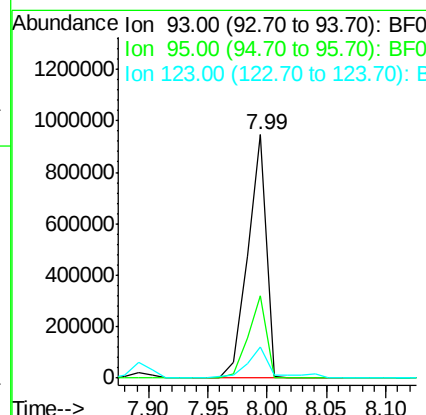
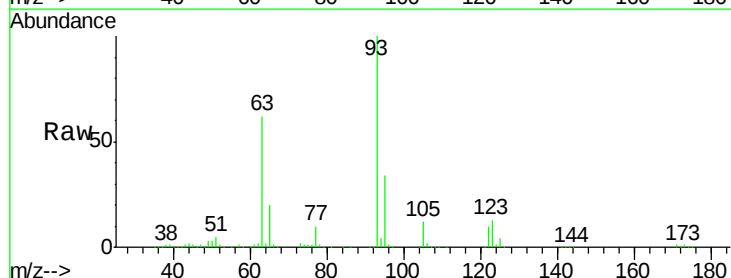
Instrument :
 BNA_F
 ClientSampleId :

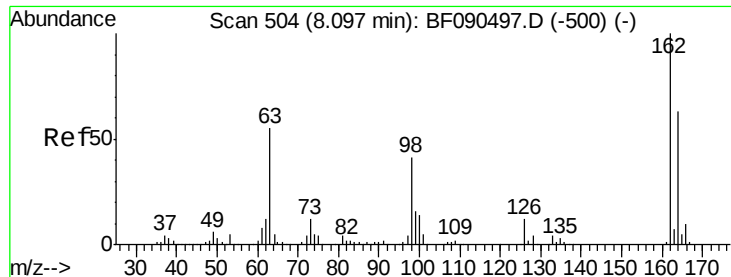
Tot Ion:122 Resp: 732302
 Ion Ratio Lower Upper
 122 100
 107 115.1 88.6 132.8
 121 58.4 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.27 ng
 RT: 7.99 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion: 93 Resp: 1022051
 Ion Ratio Lower Upper
 93 100
 95 33.7 27.0 40.4
 123 12.7 11.1 16.7

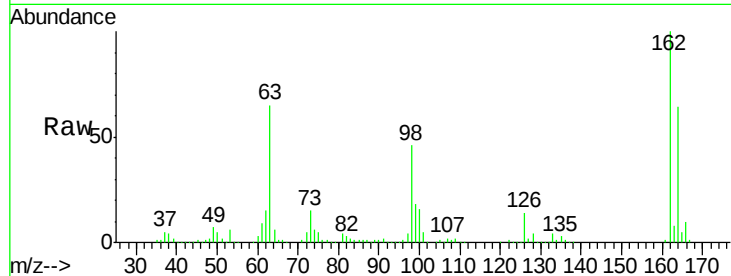




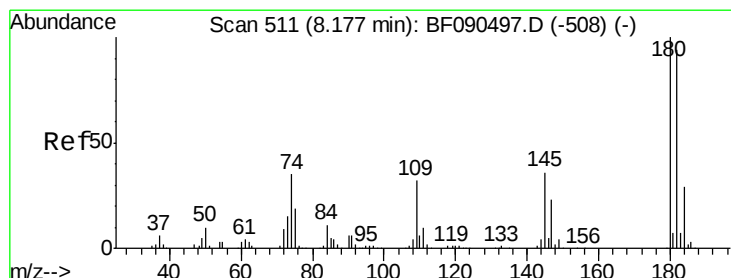
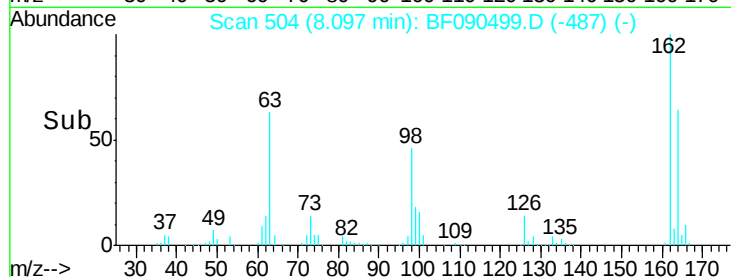
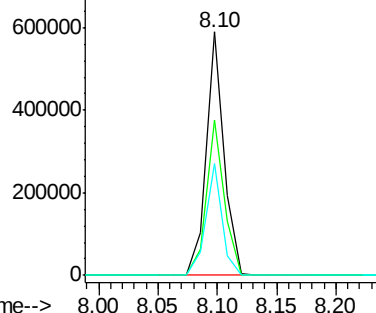
#29
 2,4-Dichlorophenol
 Concen: 53.72 ng
 RT: 8.10 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 613735
 Ion Ratio Lower Upper
 162 100
 164 63.7 45.7 85.7
 98 45.7 13.3 53.3

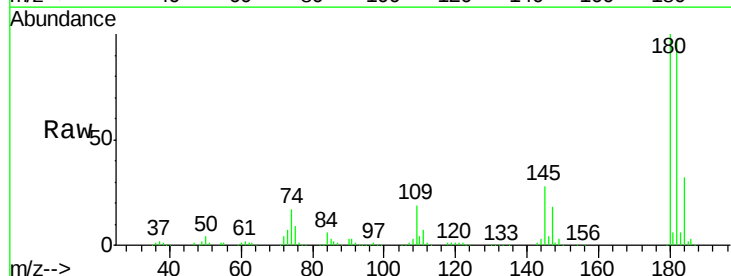


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

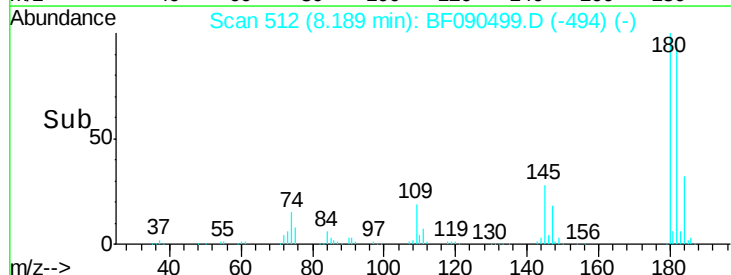
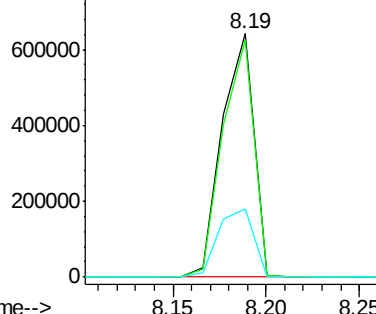


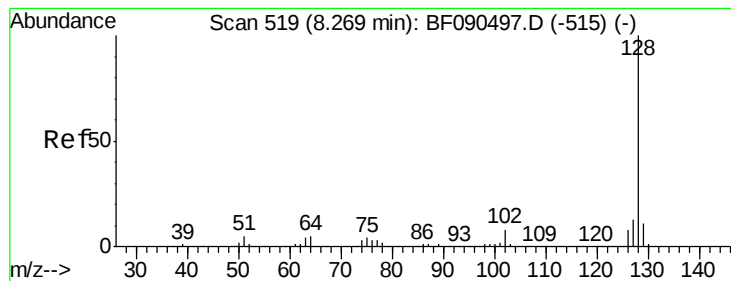
#30
 1,2,4-Trichlorobenzene
 Concen: 64.09 ng
 RT: 8.19 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion:180 Resp: 754738
 Ion Ratio Lower Upper
 180 100
 182 97.4 75.3 112.9
 145 27.9 27.7 41.5



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: 57.58 ng

RT: 8.27 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

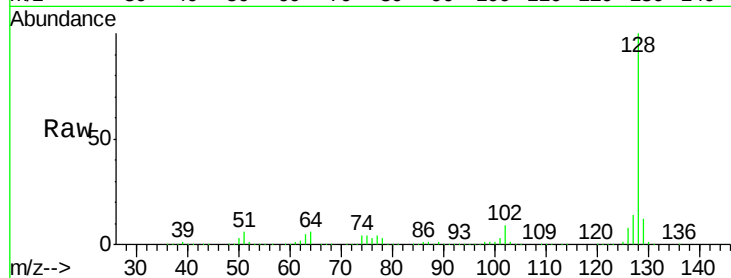
Tot Ion:128 Resp: 2443758

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

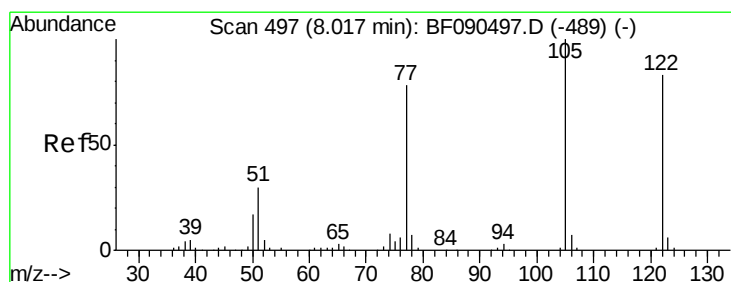
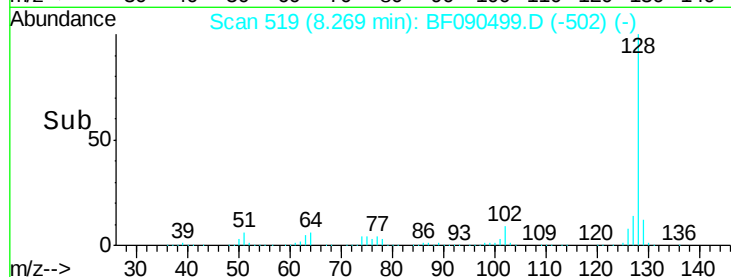
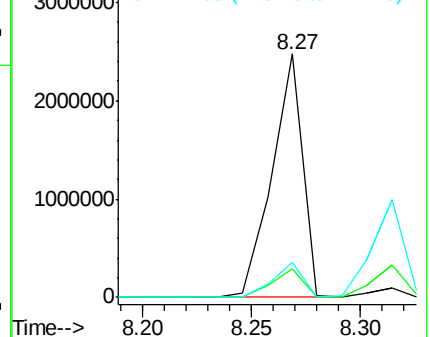
127 14.4 11.7 17.5



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: 63.42 ng

RT: 8.04 min Scan# 499

Delta R.T. 0.02 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

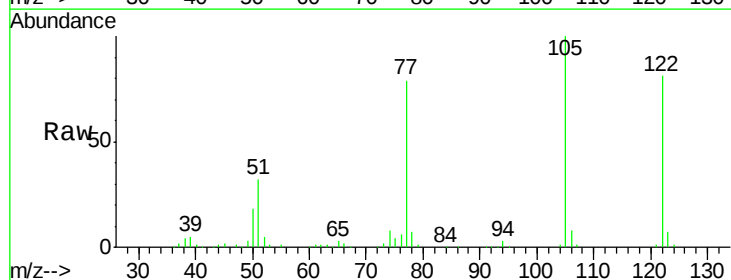
Tgt Ion:122 Resp: 662624

Ion Ratio Lower Upper

122 100

105 123.4 103.9 143.9

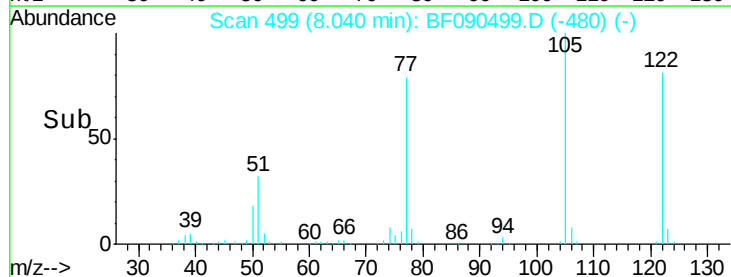
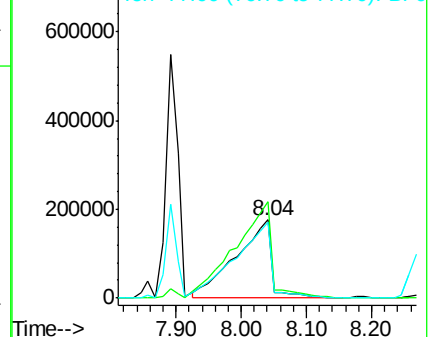
77 98.0 74.6 114.6



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

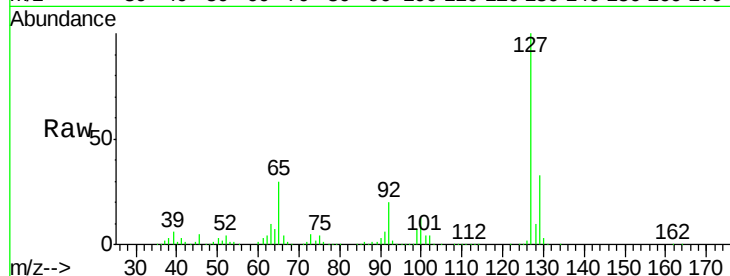




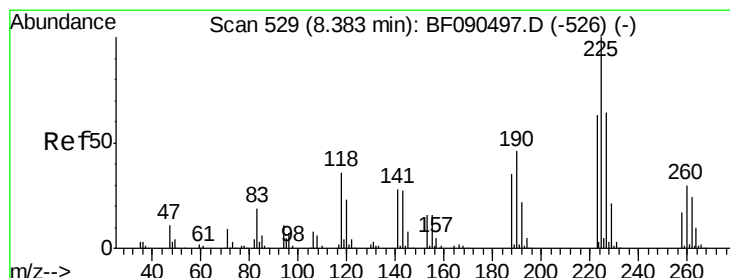
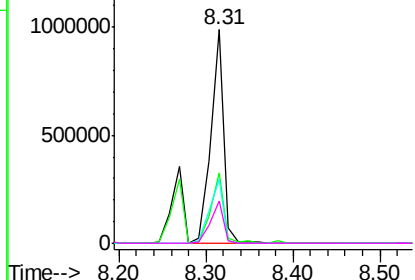
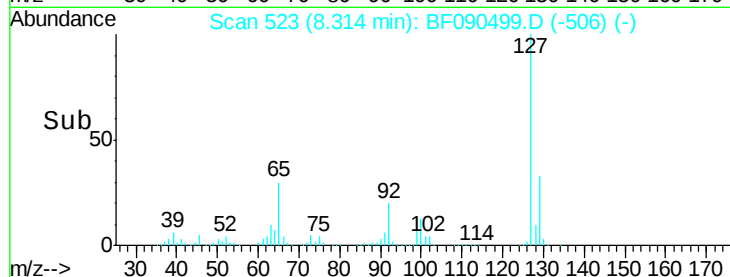
#33
4-Chloroaniline
Concen: 58.40 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1024416
Ion Ratio Lower Upper
127 100
129 33.2 26.2 39.4
65 29.9 32.5 48.7#
92 19.7 17.2 25.8

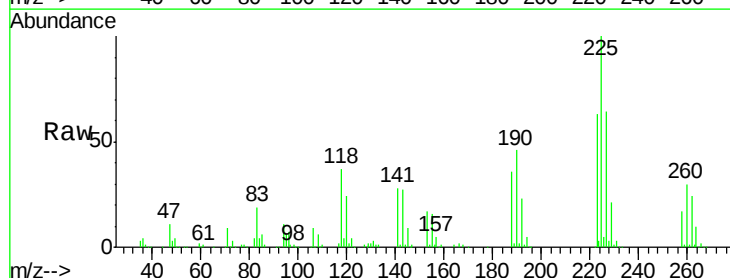


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

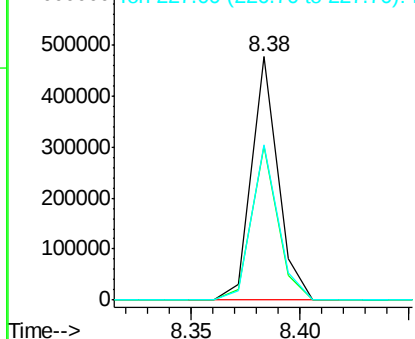
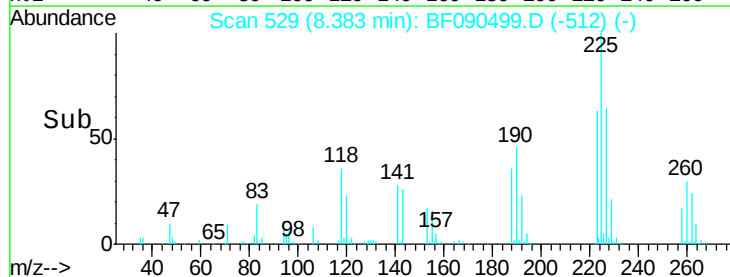


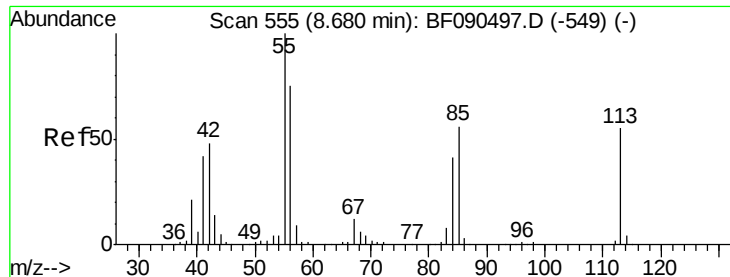
#34
Hexachlorobutadiene
Concen: 61.35 ng
RT: 8.38 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:225 Resp: 403605
Ion Ratio Lower Upper
225 100
223 63.3 51.0 76.4
227 63.8 50.8 76.2



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: 52.54 ng

RT: 8.69 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

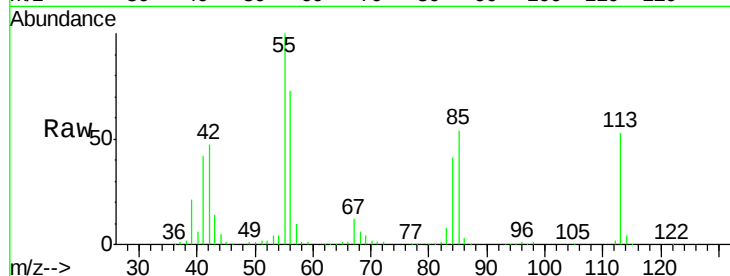
Tot Ion:113 Resp: 201849

Ion Ratio Lower Upper

113 100

55 188.2 203.3 243.3#

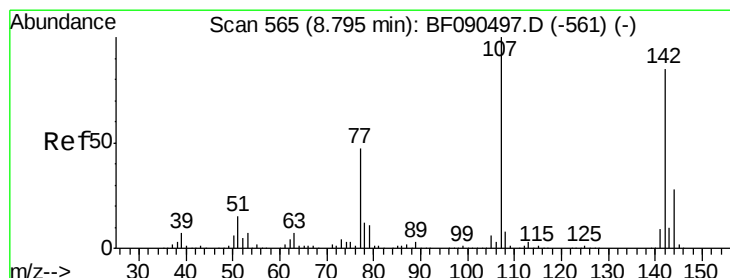
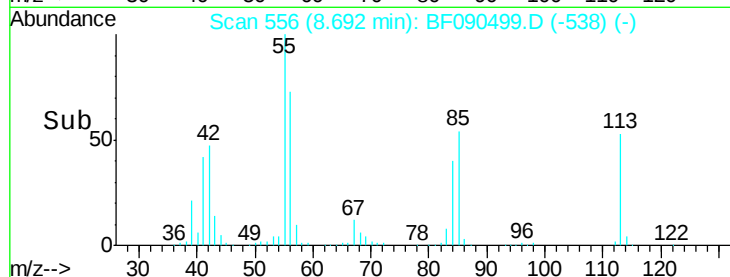
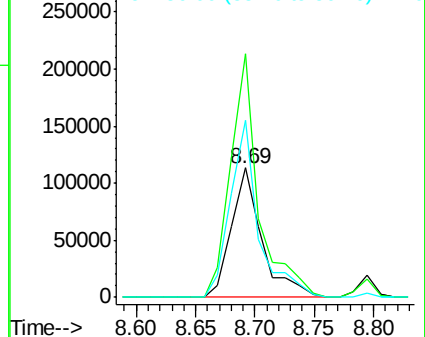
56 136.8 140.5 180.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.12 ng

RT: 8.79 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

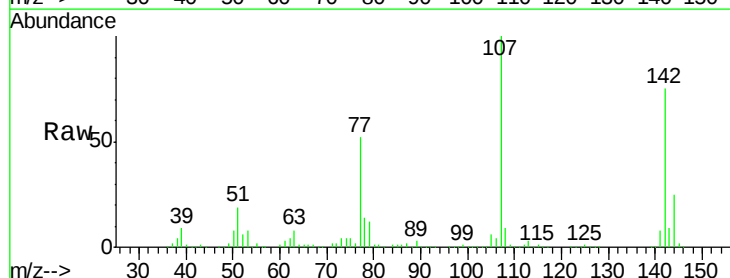
Tgt Ion:107 Resp: 688469

Ion Ratio Lower Upper

107 100

144 24.7 19.8 29.8

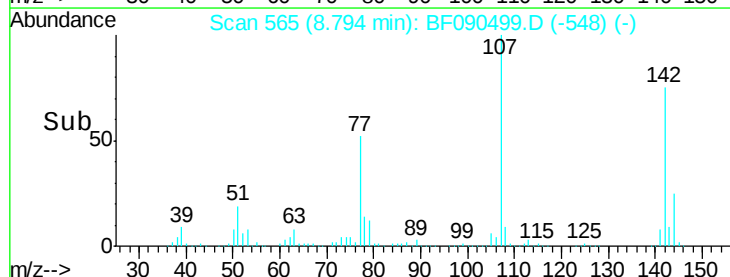
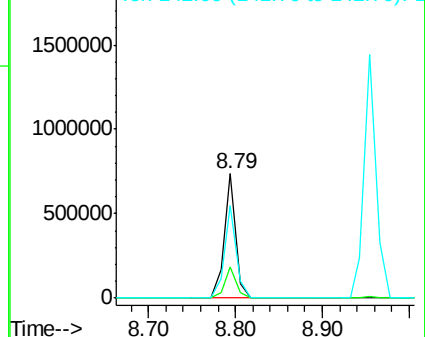
142 74.9 60.7 91.1

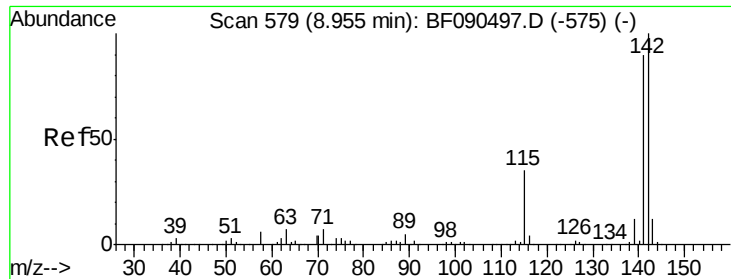


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

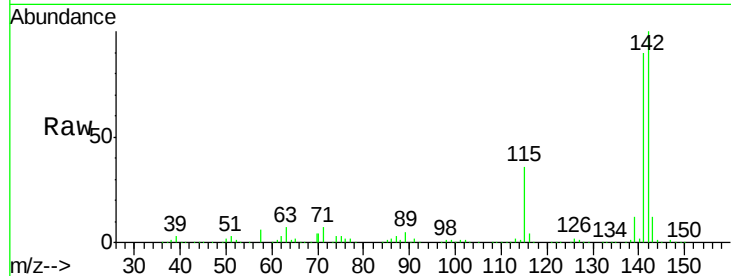




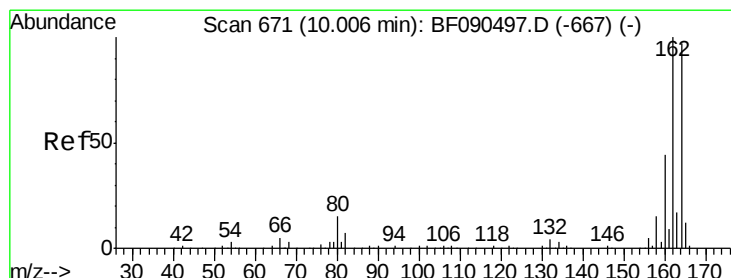
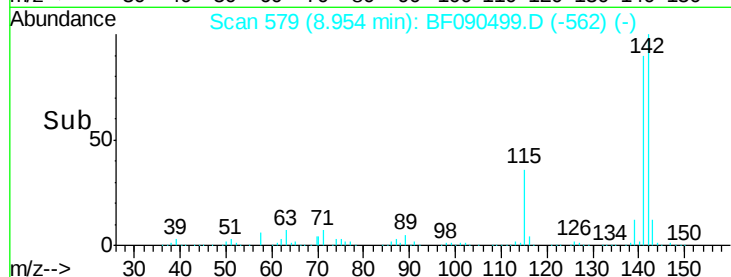
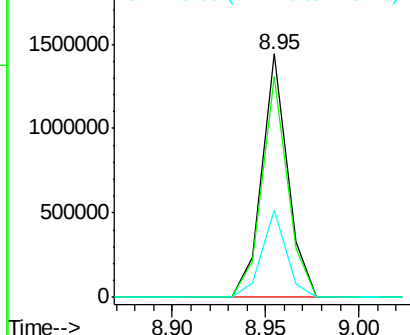
#37
 2-Methylnaphthalene
 Concen: 53.70 ng
 RT: 8.95 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1379471
 Ion Ratio Lower Upper
 142 100
 141 90.5 71.8 107.8
 115 35.7 28.8 43.2

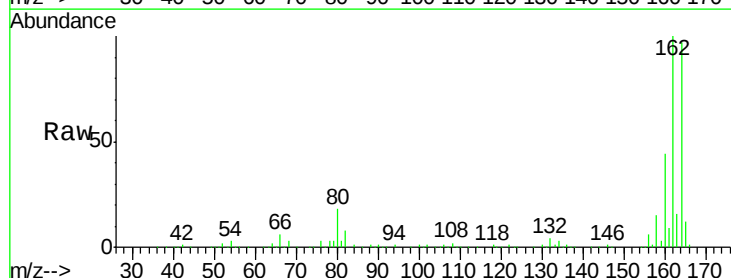


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

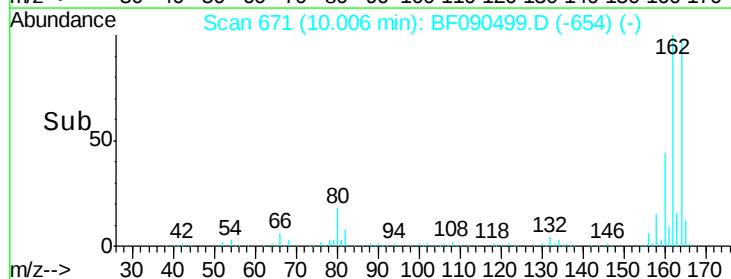
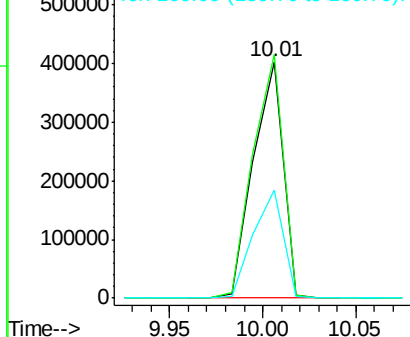


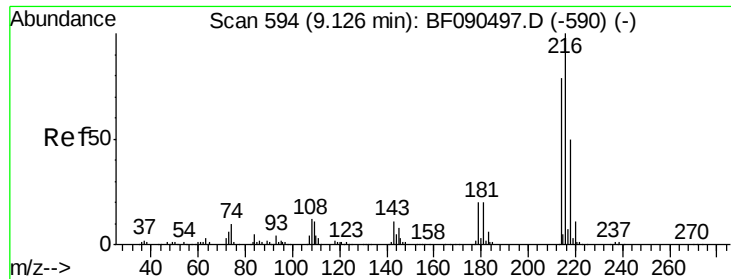
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion:164 Resp: 444645
 Ion Ratio Lower Upper
 164 100
 162 103.1 80.1 120.1
 160 45.6 36.3 54.5



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

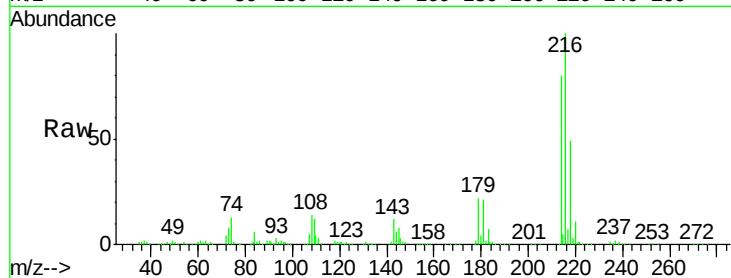




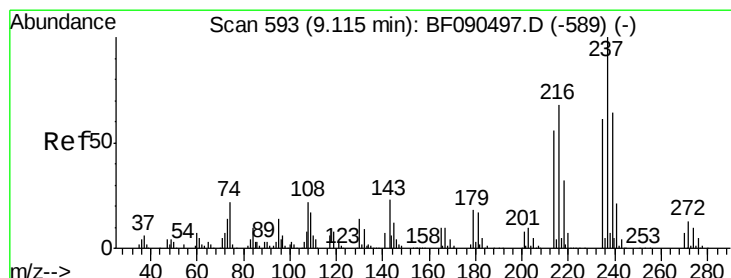
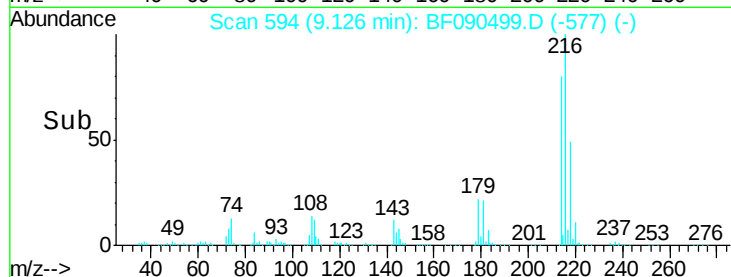
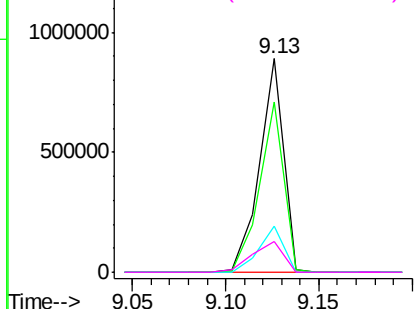
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 67.41 ng
 RT: 9.13 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	790249
Ion Ratio	Lower	Upper
216	100	
214	80.2	64.2 96.2
179	22.3	18.0 27.0
108	18.3	15.2 22.8

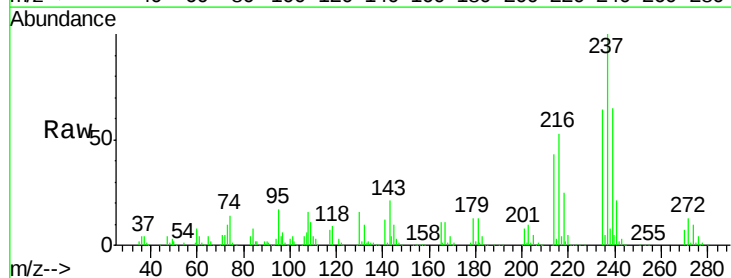


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

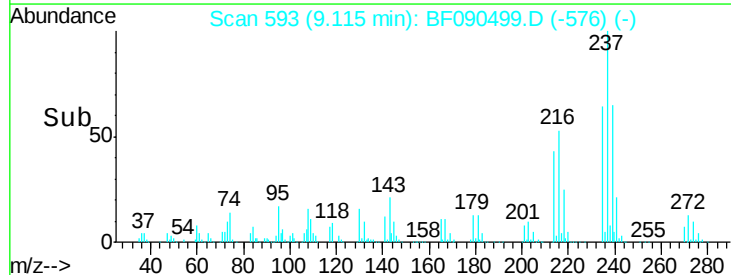
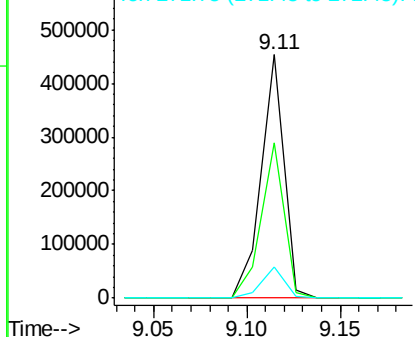


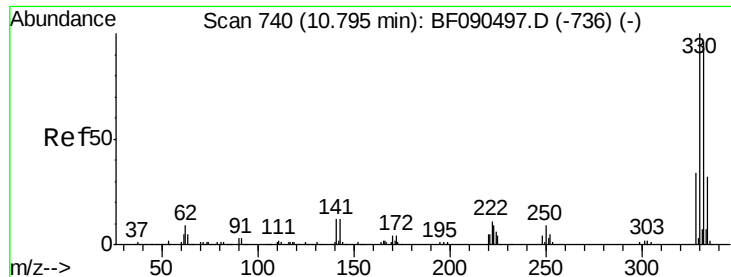
#40
 Hexachlorocyclopentadiene
 Concen: 59.83 ng
 RT: 9.11 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion:237	Resp:	384474
Ion Ratio	Lower	Upper
237	100	
235	63.6	43.6 83.6
272	13.1	0.0 32.7



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

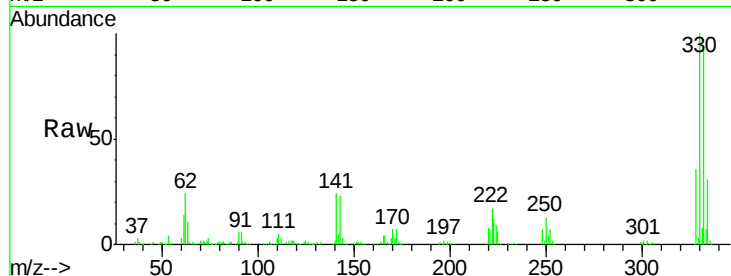




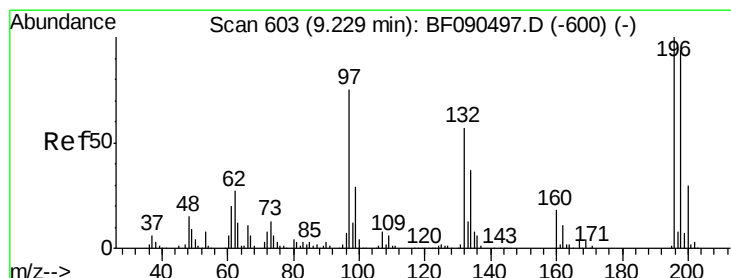
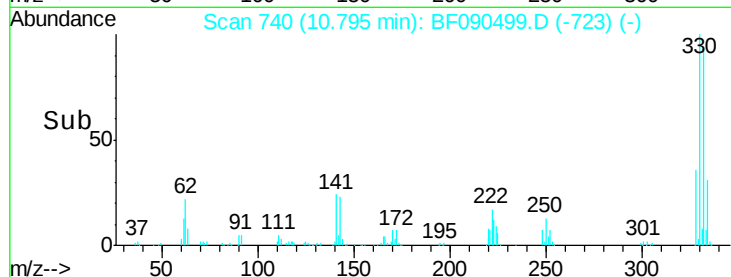
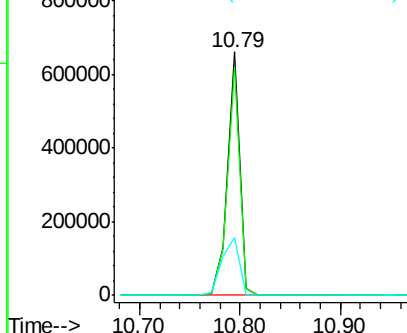
#41
 2,4,6-Tribromophenol
 Concen: 155.45 ng
 RT: 10.79 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 562022
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.4 113.0
 141 33.4 26.9 40.3

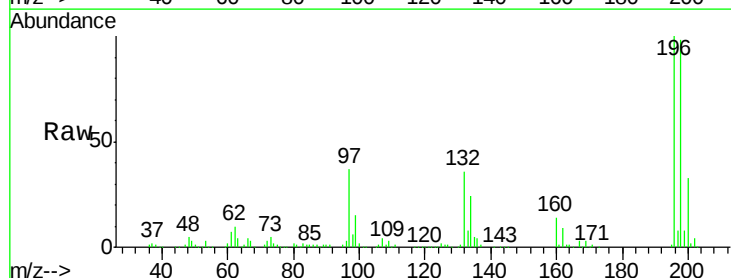


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

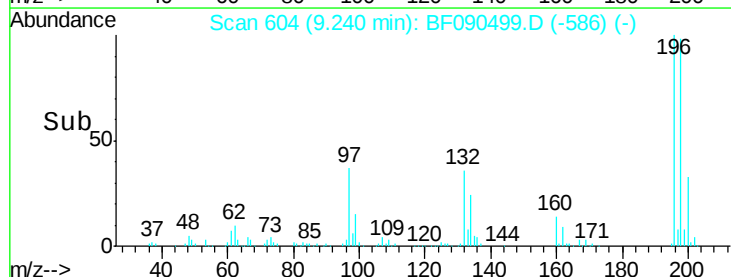
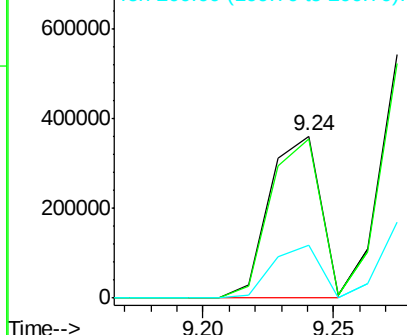


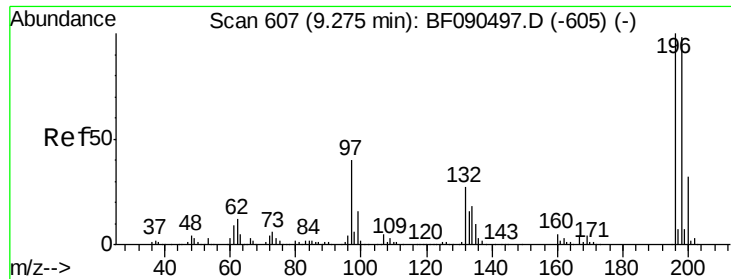
#42
 2,4,6-Trichlorophenol
 Concen: 60.12 ng
 RT: 9.24 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion:196 Resp: 486332
 Ion Ratio Lower Upper
 196 100
 198 97.9 78.9 118.3
 200 32.7 25.4 38.2



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

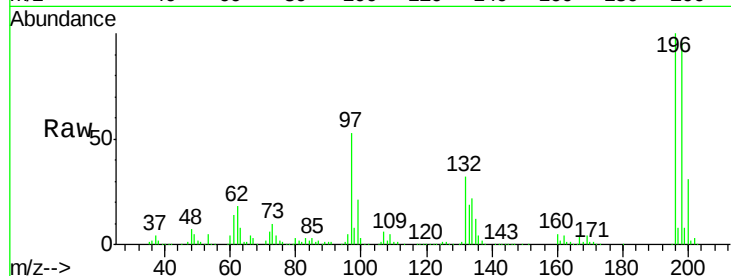




#43
 2,4,5-Trichlorophenol
 Concen: 64.50 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
196	100			
198	96.5	78.1	117.1	
97	53.4	48.1	72.1	
132	31.8	27.4	41.2	



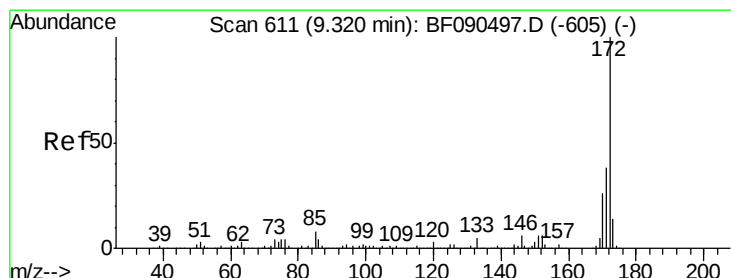
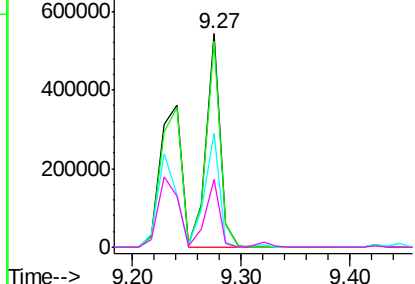
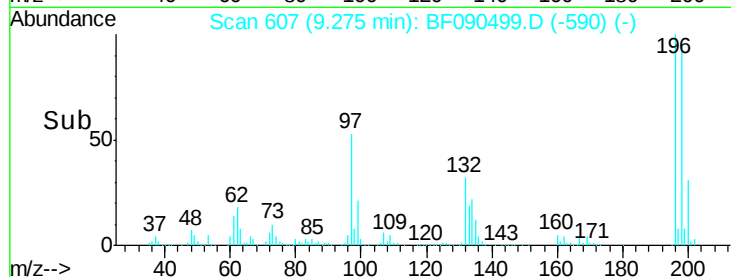
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

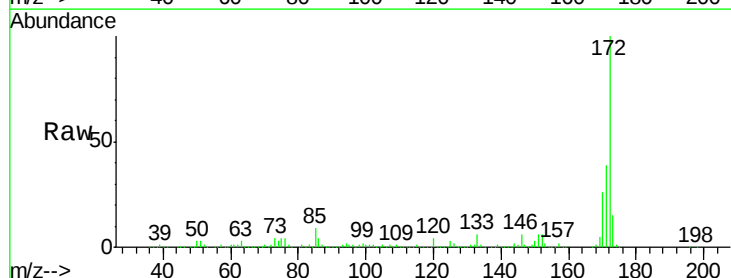
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.78 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.6	31.8	47.8	
170	26.0	21.7	32.5	

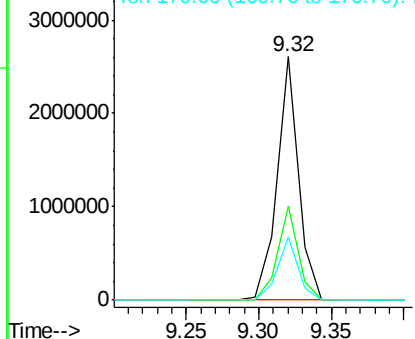
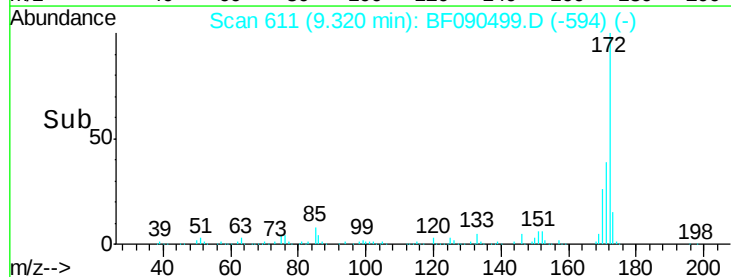


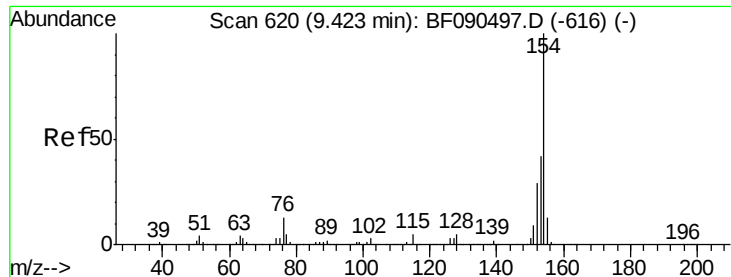
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 56.37 ng

RT: 9.42 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

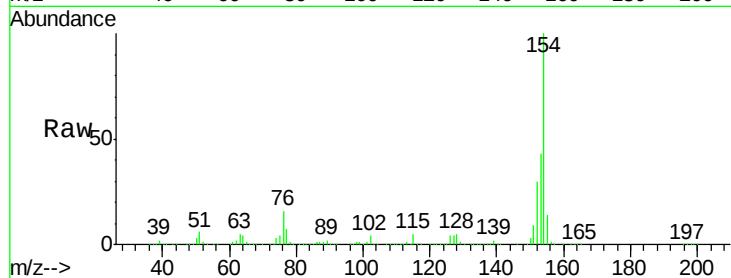
Tot Ion:154 Resp: 1857304

Ion Ratio Lower Upper

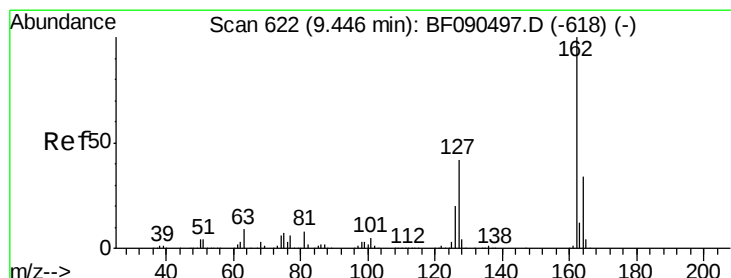
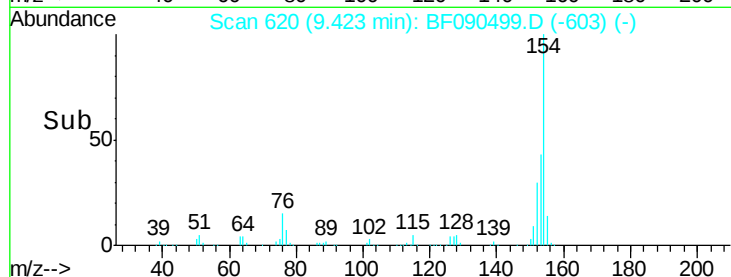
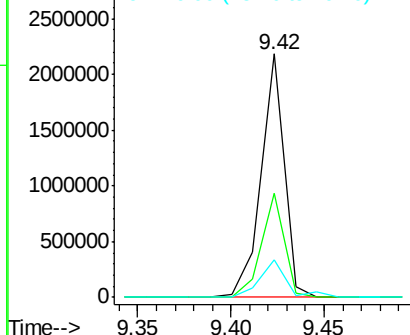
154 100

153 42.5 23.8 63.8

76 15.5 0.0 35.8



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



#46

2-Chloronaphthalene

Concen: 55.62 ng

RT: 9.45 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

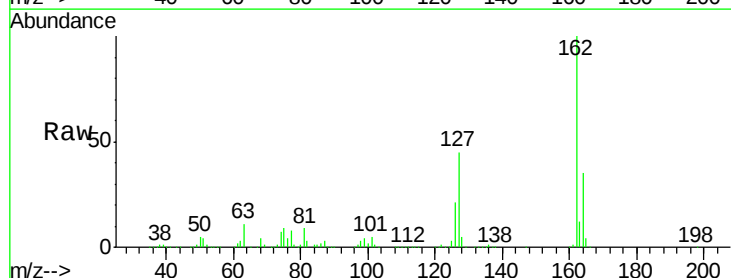
Tgt Ion:162 Resp: 1353953

Ion Ratio Lower Upper

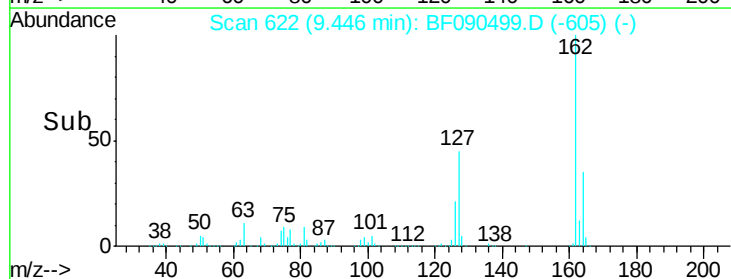
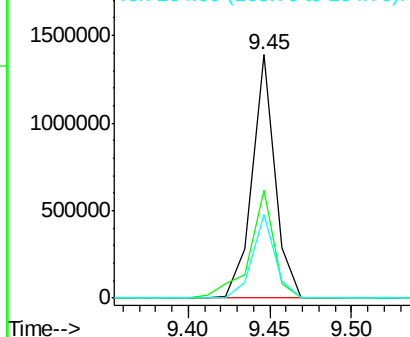
162 100

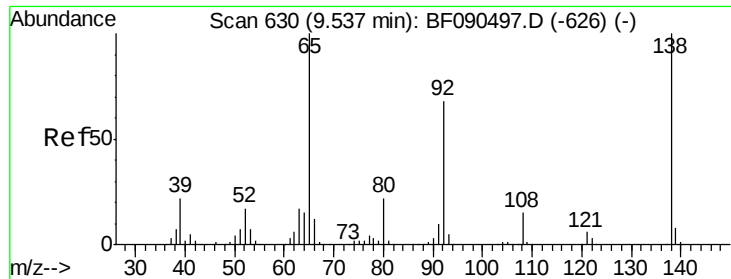
127 44.6 35.6 53.4

164 34.6 27.5 41.3



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

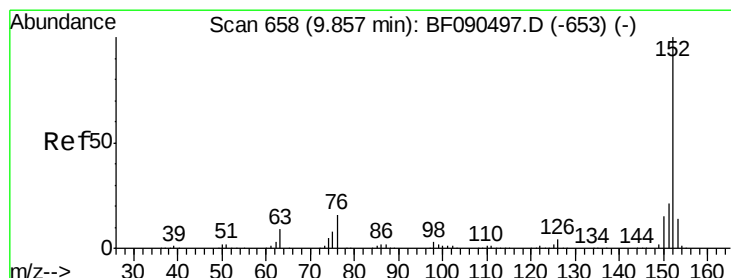
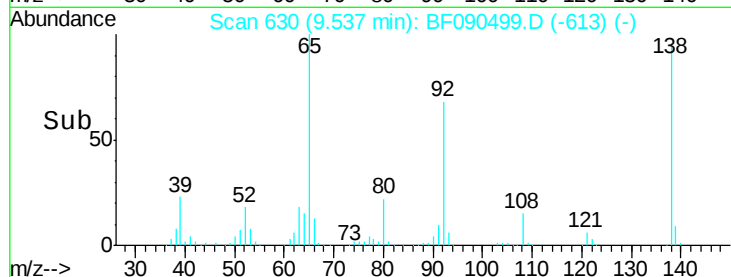
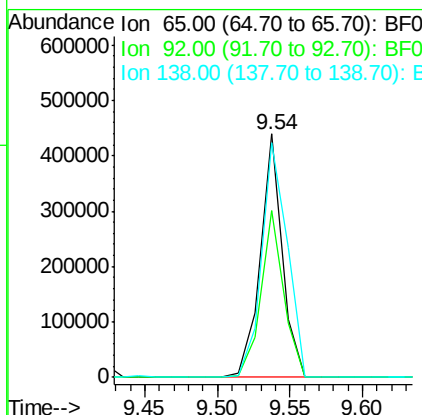
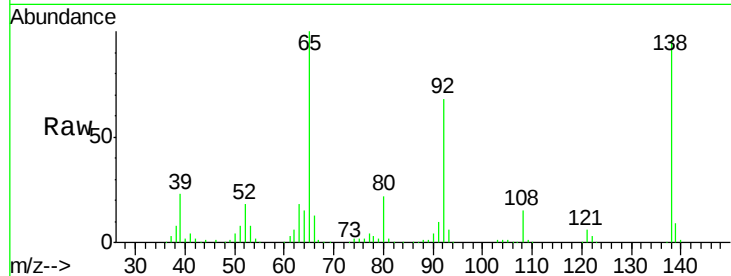




#47
2-Nitroaniline
Concen: 47.75 ng
RT: 9.54 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

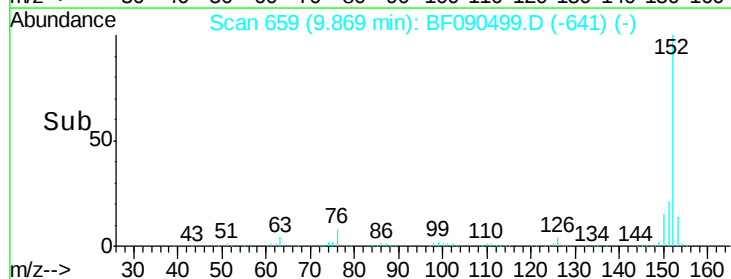
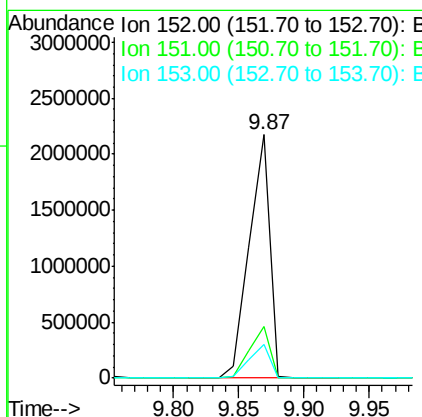
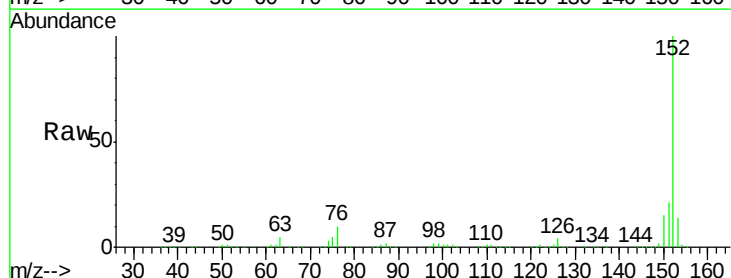
Instrument :
BNA_F
ClientSampleId :

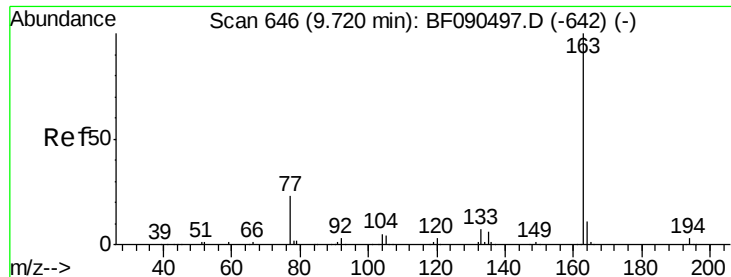
Tot Ion: 65 Resp: 458617
Ion Ratio Lower Upper
65 100
92 68.4 51.7 77.5
138 96.2 79.0 118.4



#48
Acenaphthylene
Concen: 59.25 ng
RT: 9.87 min Scan# 659
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion: 152 Resp: 2379778
Ion Ratio Lower Upper
152 100
151 21.4 17.4 26.0
153 14.0 11.6 17.4

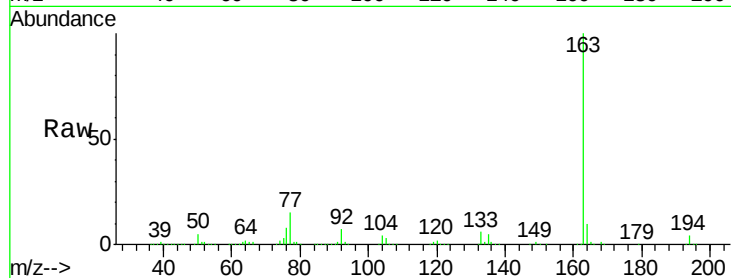




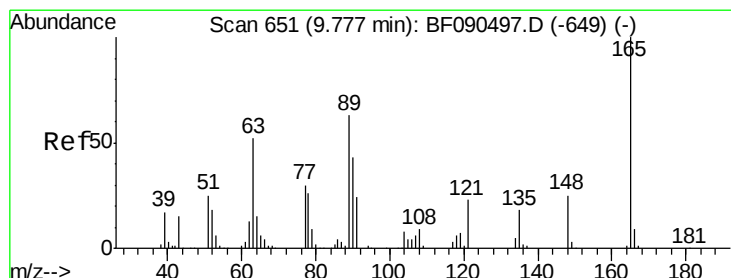
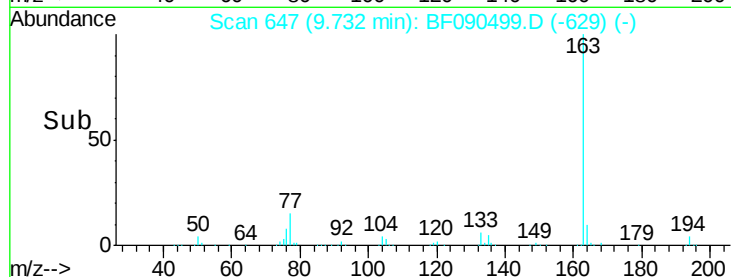
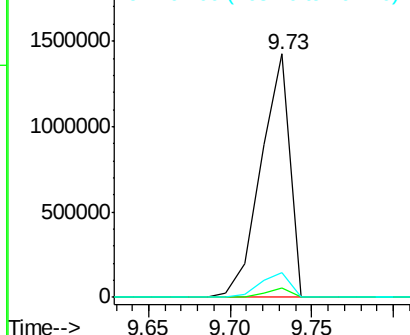
#49
Dimethylphthalate
Concen: 61.39 ng
RT: 9.73 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1748310
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 10.3 9.0 13.4

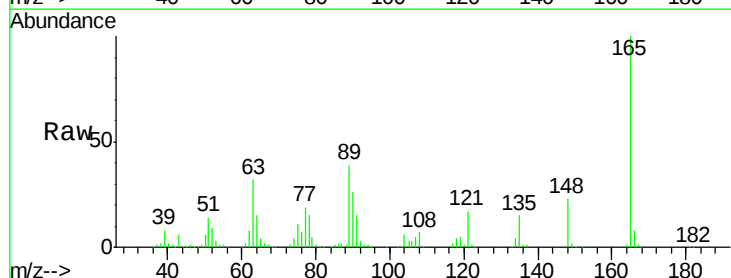


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

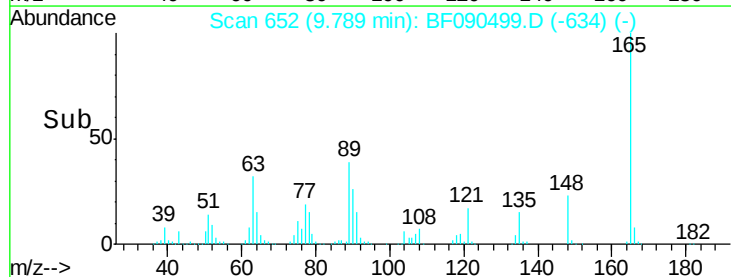
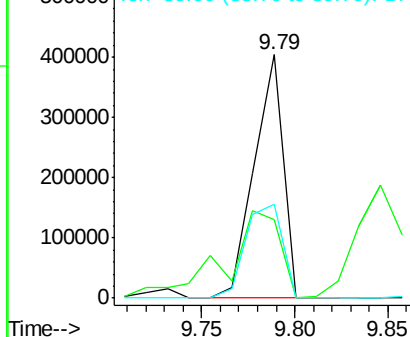


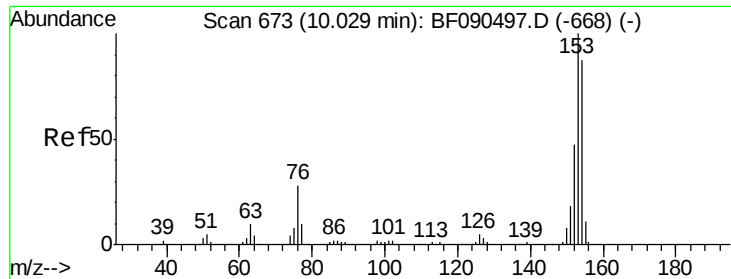
#50
2,6-Dinitrotoluene
Concen: 68.32 ng
RT: 9.79 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:165 Resp: 431936
Ion Ratio Lower Upper
165 100
63 32.4 58.0 87.0#
89 38.6 51.2 76.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 62.99 ng

RT: 10.04 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

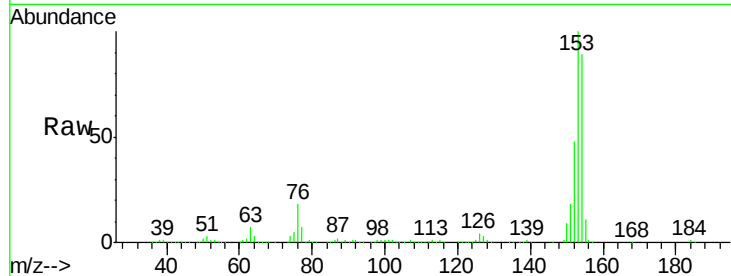
Tot Ion:154 Resp: 1577558

Ion Ratio Lower Upper

154 100

153 112.6 88.6 133.0

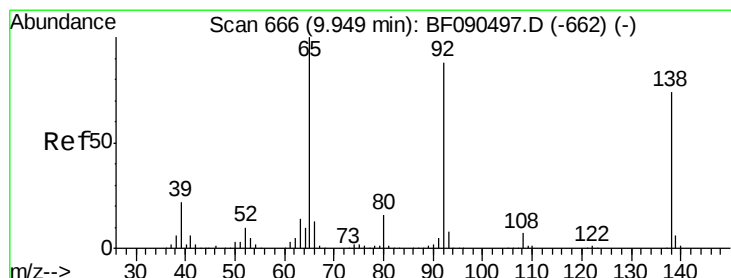
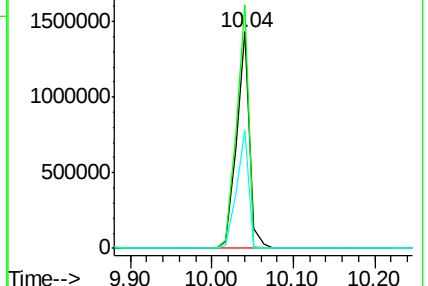
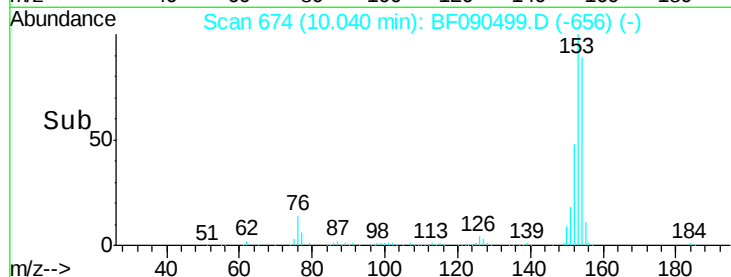
152 54.5 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 66.63 ng

RT: 9.96 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

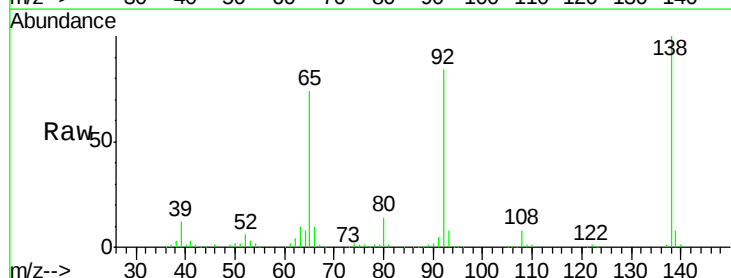
Tgt Ion:138 Resp: 492071

Ion Ratio Lower Upper

138 100

108 8.1 9.7 14.5#

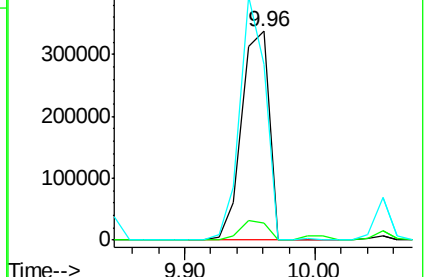
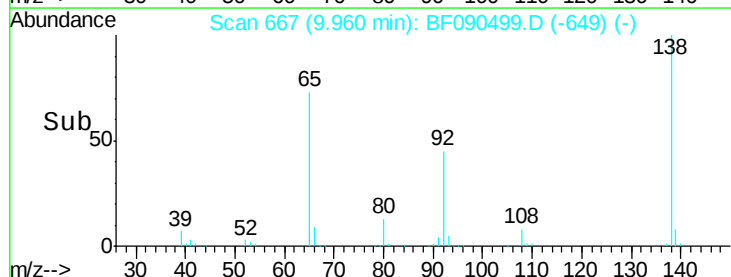
92 84.4 97.1 145.7#

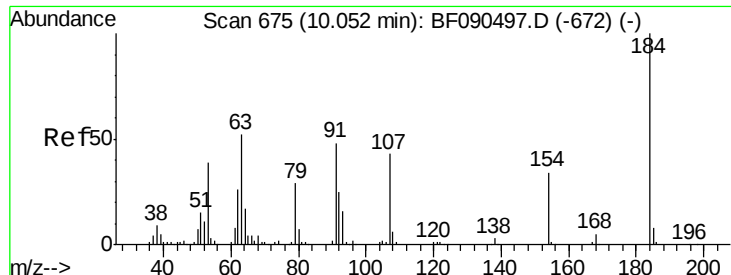


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

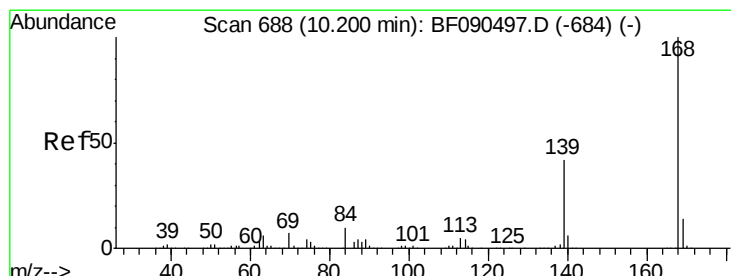
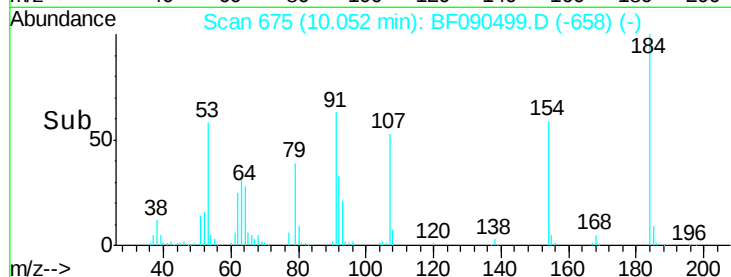
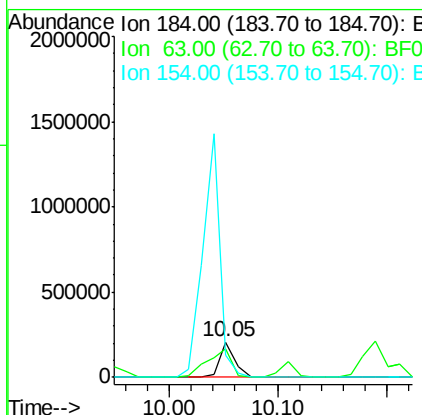
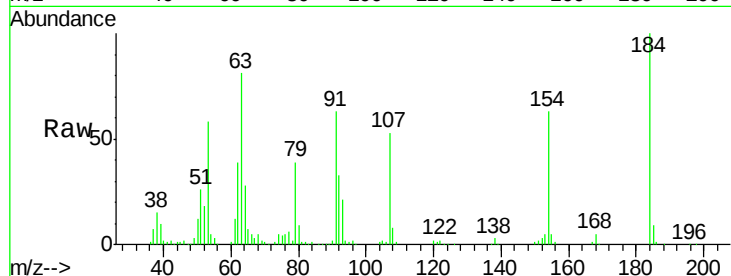




#53
2,4-Dinitrophenol
Concen: 72.60 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

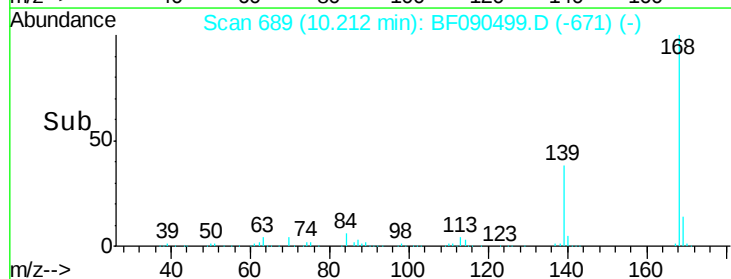
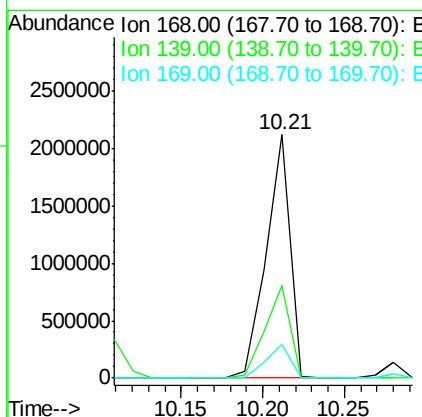
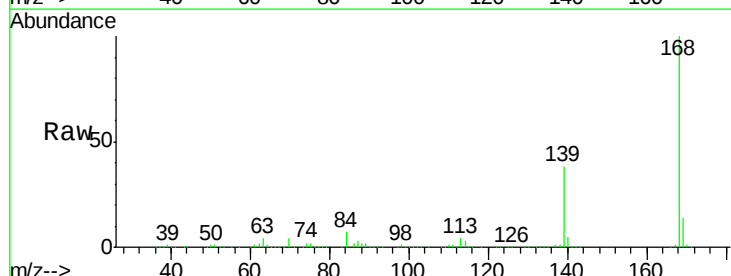
Instrument :
BNA_F
ClientSampled :

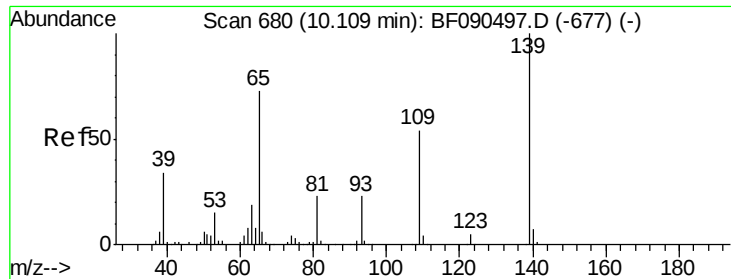
Tot Ion:184 Resp: 204639
Ion Ratio Lower Upper
184 100
63 81.4 41.9 62.9#
154 63.4 48.9 73.3



#54
Dibenzofuran
Concen: 66.40 ng
RT: 10.21 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:168 Resp: 2152375
Ion Ratio Lower Upper
168 100
139 38.2 29.6 44.4
169 14.0 11.3 16.9

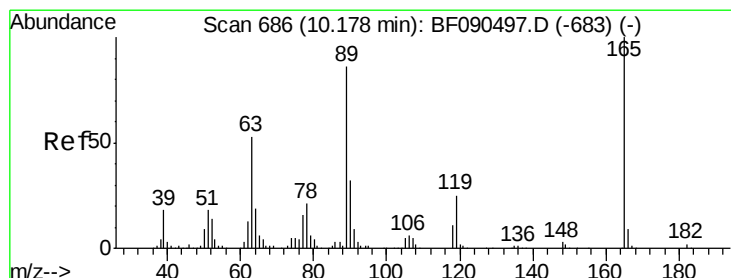
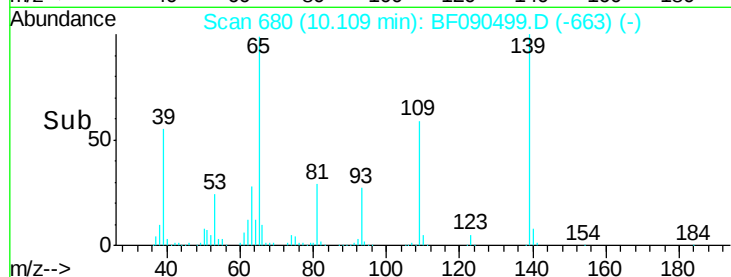
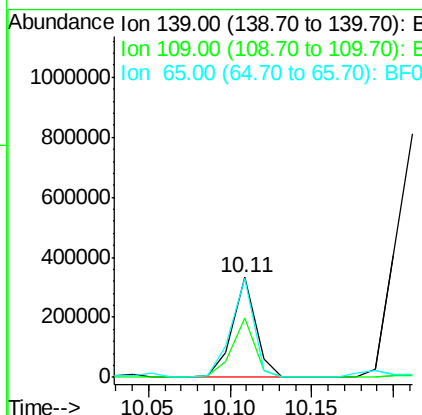
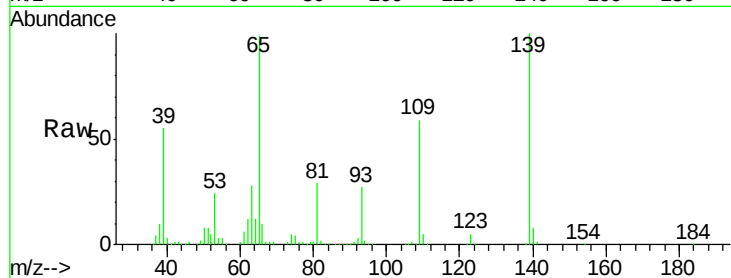




#55
4-Nitrophenol
Concen: 51.44 ng
RT: 10.11 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

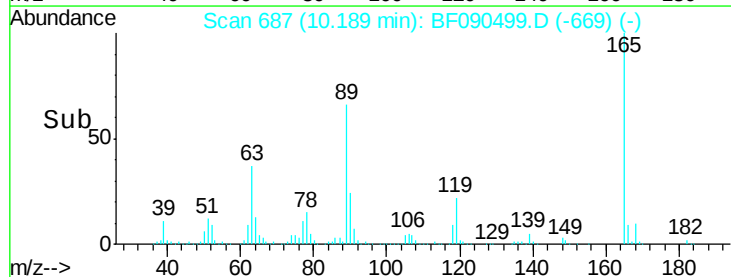
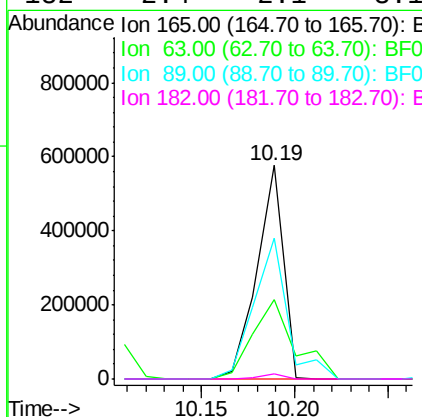
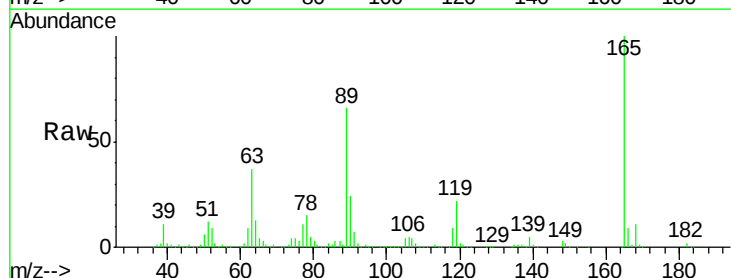
Instrument :
BNA_F
ClientSampleId :

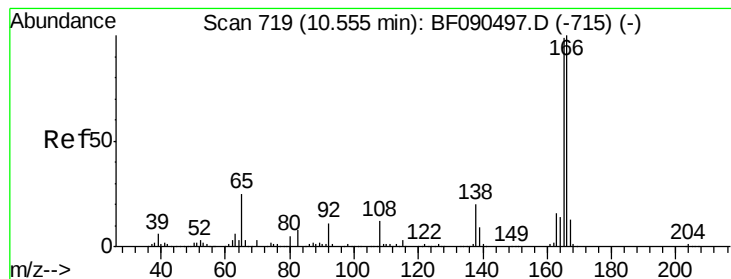
Tot Ion:139 Resp: 332414
Ion Ratio Lower Upper
139 100
109 58.9 43.6 83.6
65 98.9 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 67.17 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:165 Resp: 565210
Ion Ratio Lower Upper
165 100
63 37.1 17.8 26.6#
89 65.8 33.2 49.8#
182 2.4 2.1 3.1





#57

Fluorene

Concen: 63.85 ng

RT: 10.55 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

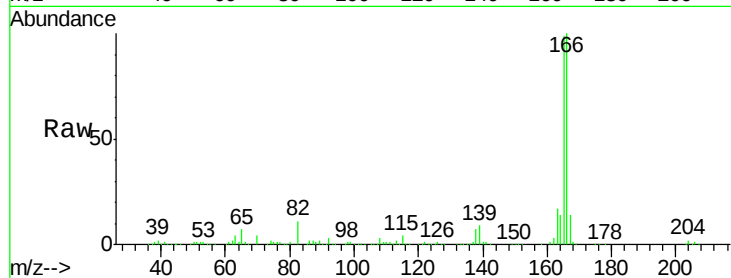
Tot Ion:166 Resp: 1739602

Ion Ratio Lower Upper

166 100

165 98.6 79.2 118.8

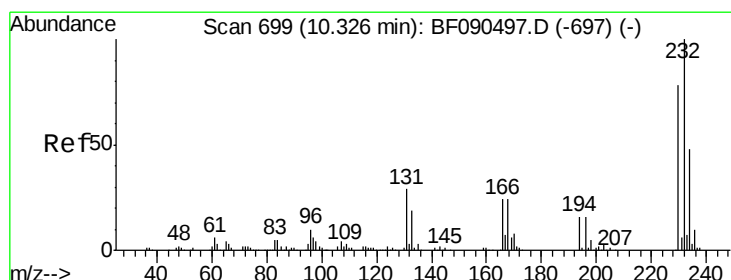
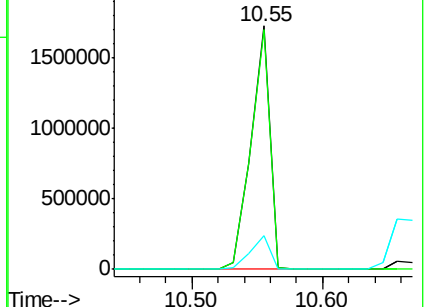
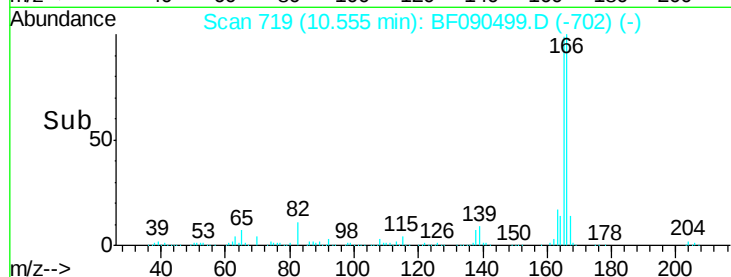
167 13.7 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 80.07 ng

RT: 10.33 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Tgt Ion:232 Resp: 457385

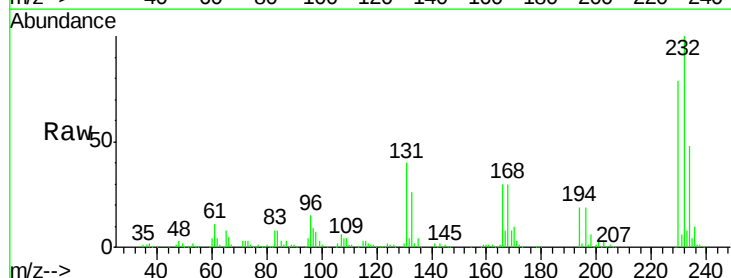
Ion Ratio Lower Upper

232 100

131 45.9 34.5 51.7

130 2.1 1.6 2.4

166 32.9 23.8 35.8

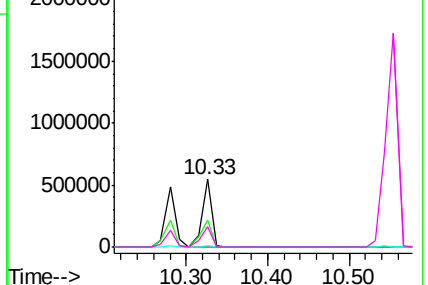
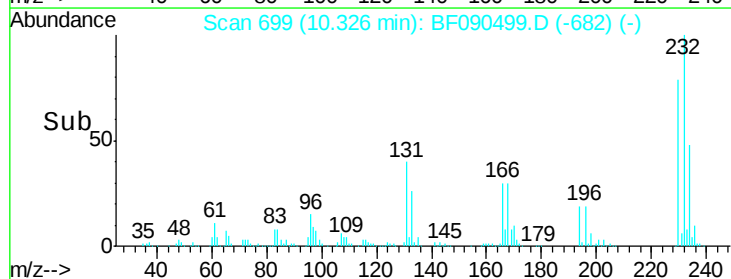


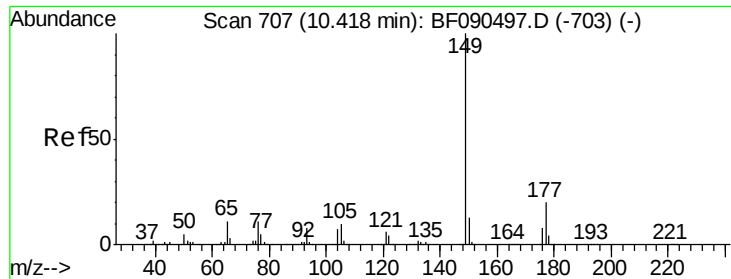
Abundance Ion 232.00 (231.70 to 232.70): E

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

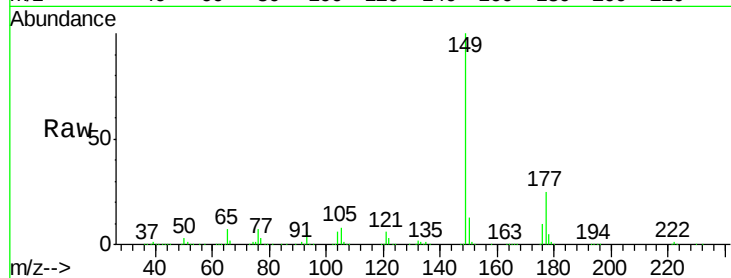




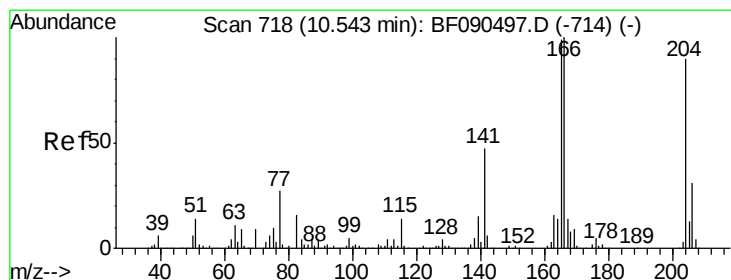
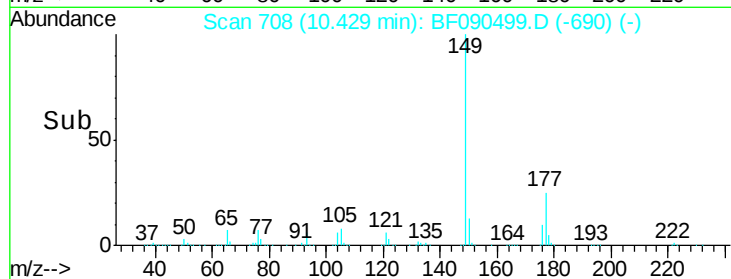
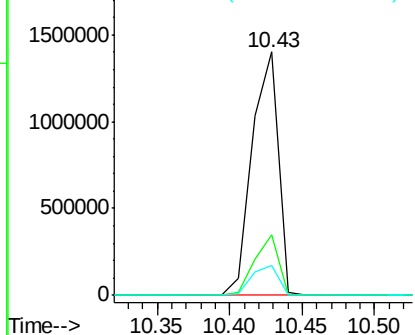
#59
Diethylphthalate
Concen: 59.44 ng
RT: 10.43 min Scan# 708
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1751300
Ion Ratio Lower Upper
149 100
177 24.9 21.1 31.7
150 12.5 10.2 15.2

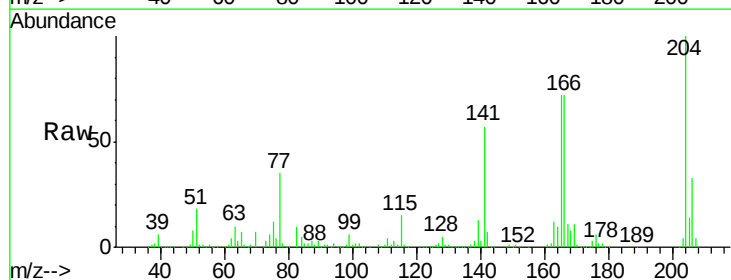


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

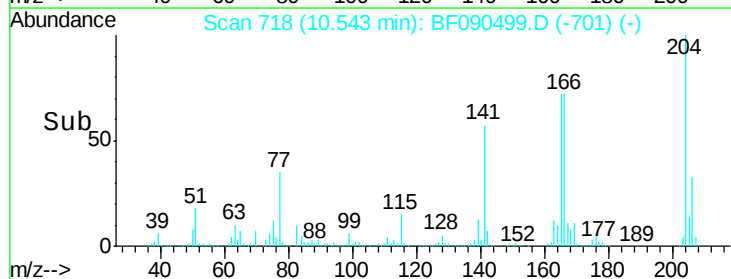
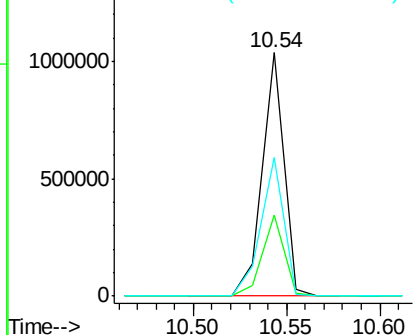


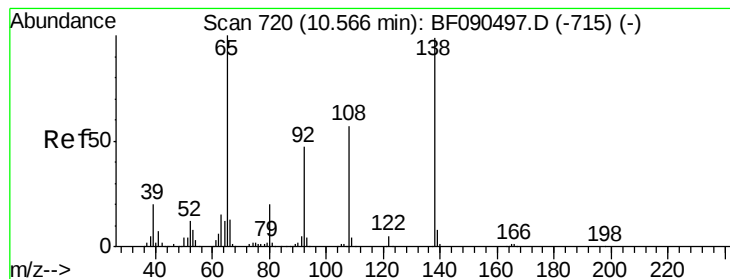
#60
4-Chlorophenyl-phenylether
Concen: 66.82 ng
RT: 10.54 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:204 Resp: 827761
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 56.9 51.7 77.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 70.81 ng

RT: 10.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampled :

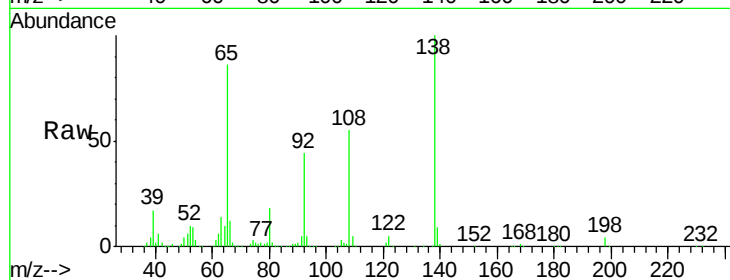
Tot Ion:138 Resp: 526950

Ion Ratio Lower Upper

138 100

92 43.8 33.2 73.2

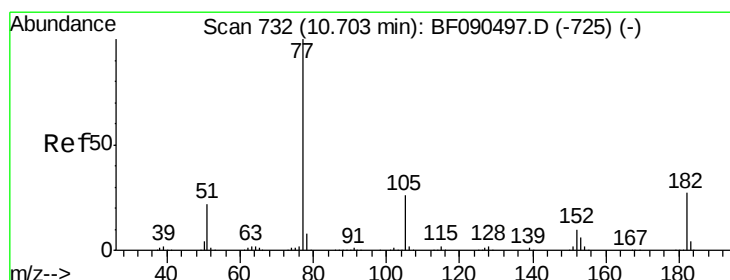
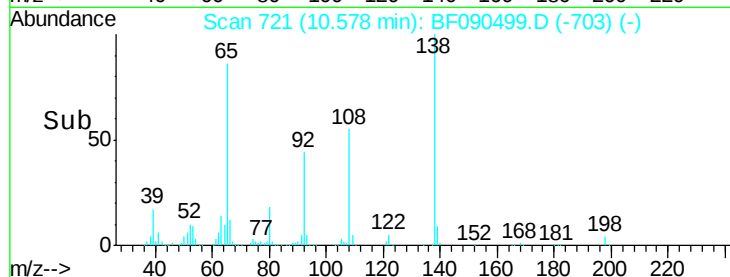
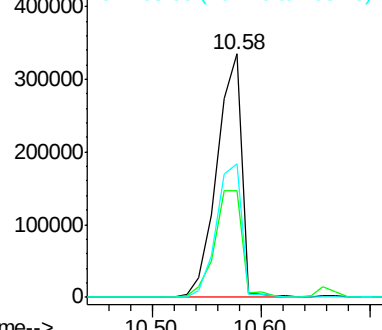
108 54.9 48.5 88.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 53.69 ng

RT: 10.70 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Tgt Ion: 77 Resp: 1827310

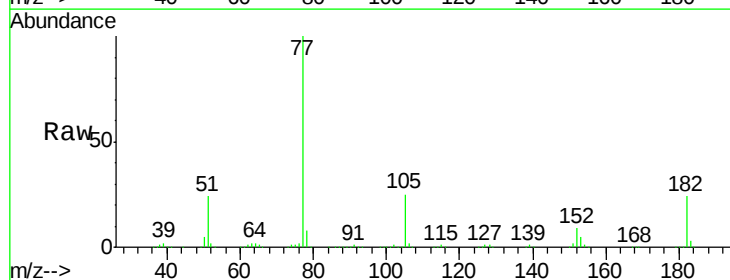
Ion Ratio Lower Upper

77 100

182 24.4 3.2 43.2

105 25.4 2.9 42.9

51 23.9 14.2 54.2

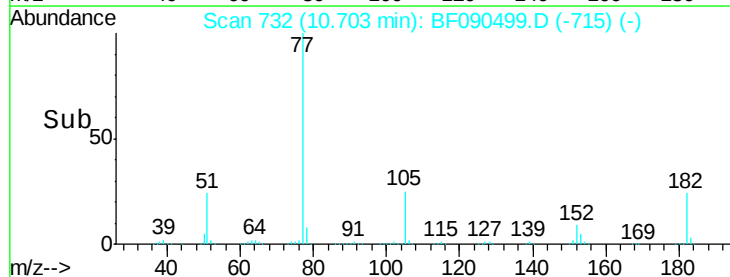
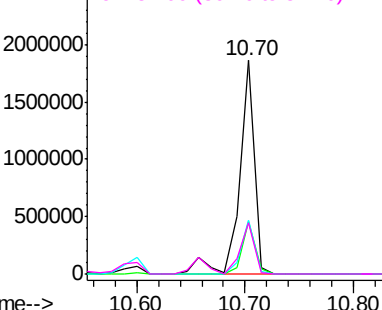


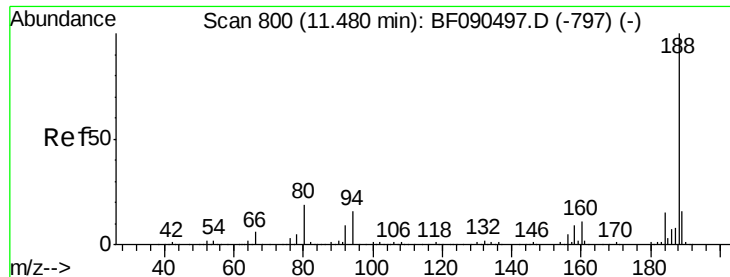
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

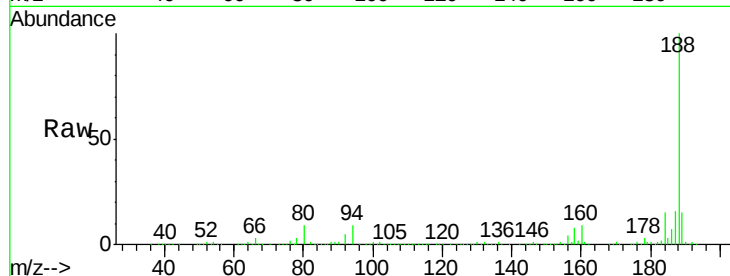




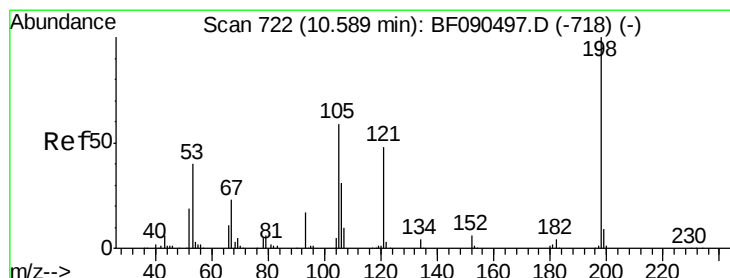
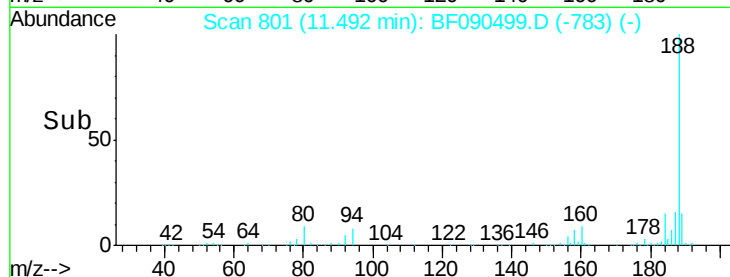
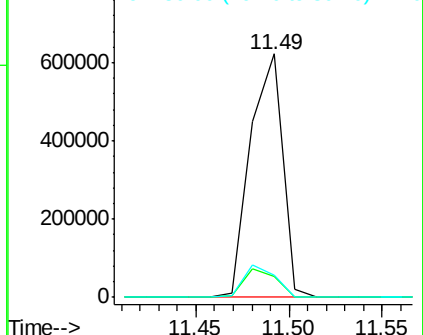
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 757262
Ion Ratio Lower Upper
188 100
94 8.6 8.2 12.2
80 9.3 8.8 13.2

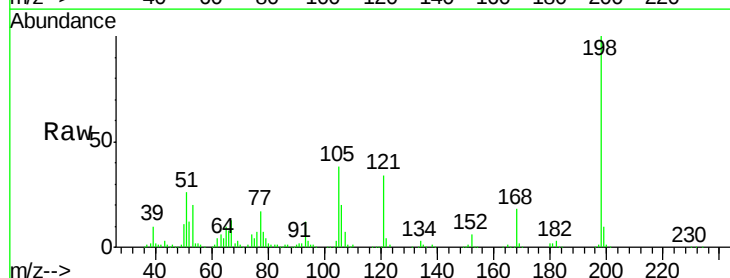


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

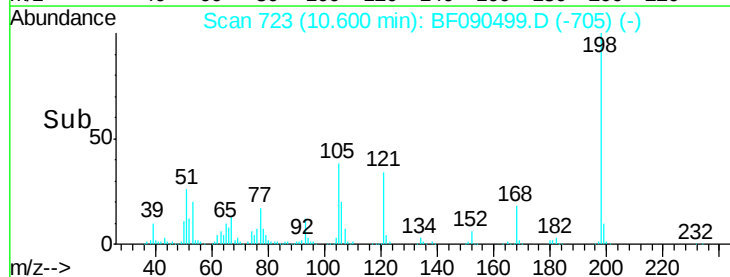
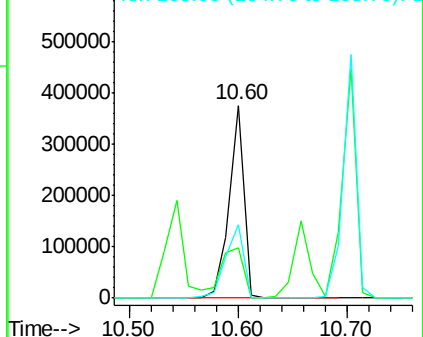


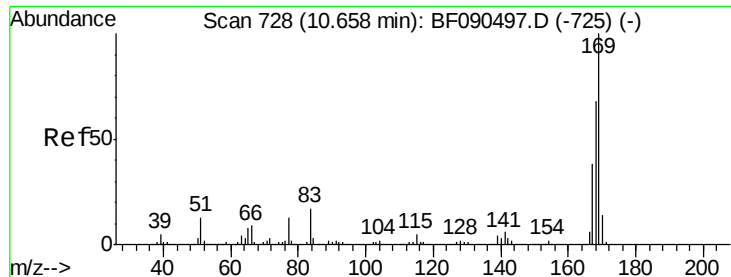
#64
4,6-Dinitro-2-methylphenol
Concen: 76.56 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:198 Resp: 351810
Ion Ratio Lower Upper
198 100
51 26.0 67.3 107.3#
105 38.1 42.6 82.6#



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: 54.32 ng

RT: 10.66 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

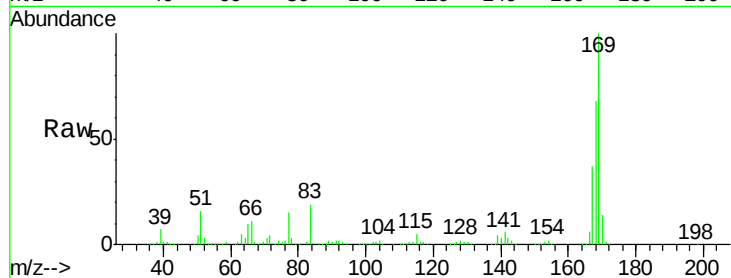
Tot Ion:169 Resp: 1378369

Ion Ratio Lower Upper

169 100

168 68.4 53.8 80.6

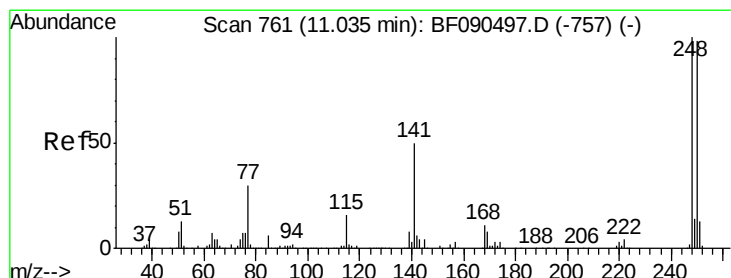
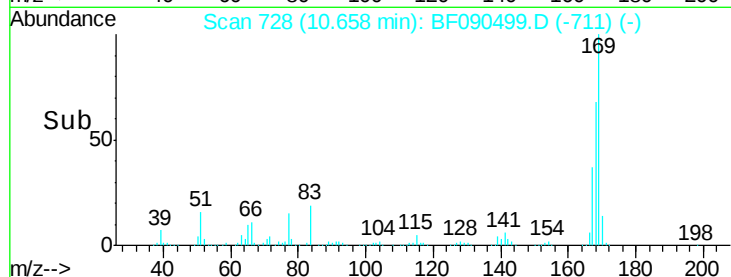
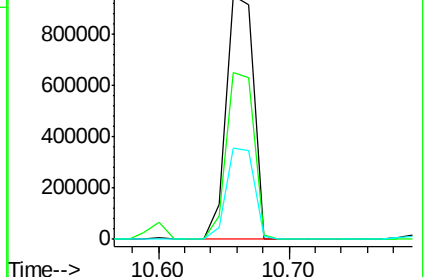
167 37.3 29.8 44.8



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: 70.93 ng

RT: 11.03 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

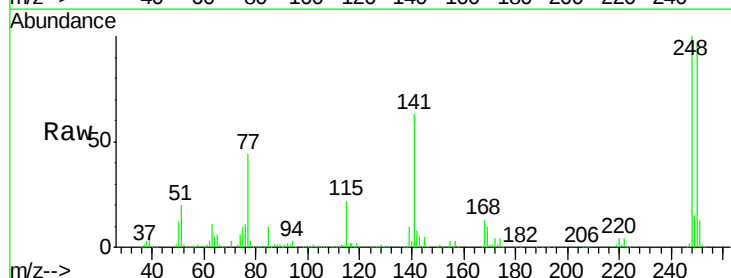
Tgt Ion:248 Resp: 526501

Ion Ratio Lower Upper

248 100

250 97.3 76.5 114.7

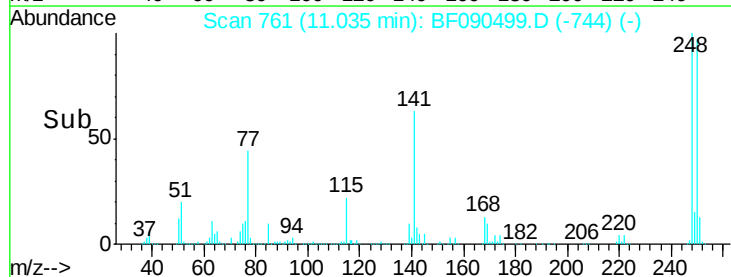
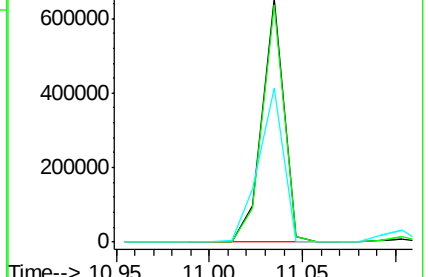
141 63.5 59.8 89.6

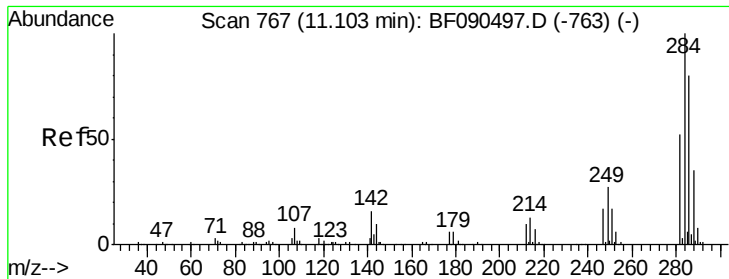


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 69.87 ng

RT: 11.10 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

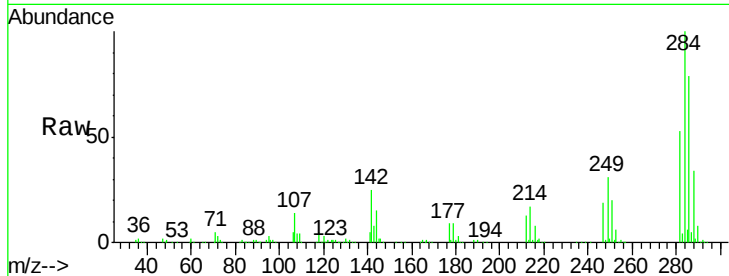
Tot Ion:284 Resp: 577577

Ion Ratio Lower Upper

284 100

142 25.2 23.1 34.7

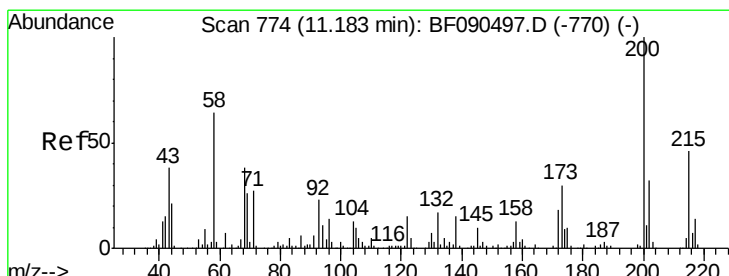
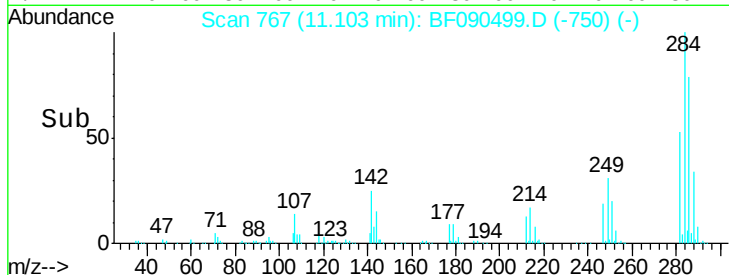
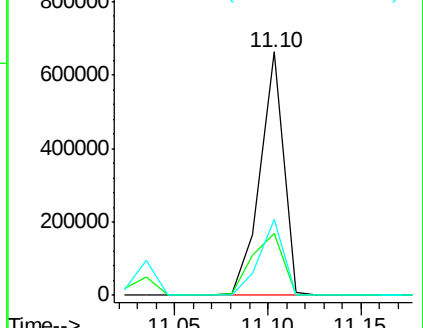
249 31.1 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 70.04 ng

RT: 11.19 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

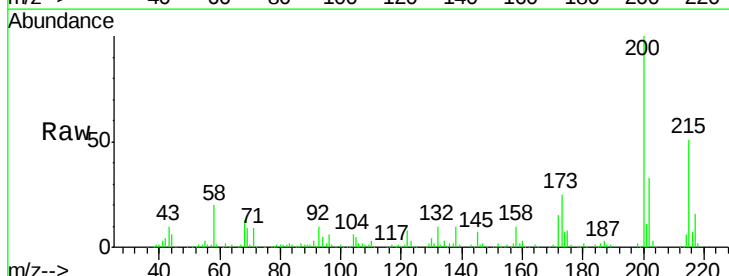
Tgt Ion:200 Resp: 438243

Ion Ratio Lower Upper

200 100

173 25.0 9.0 49.0

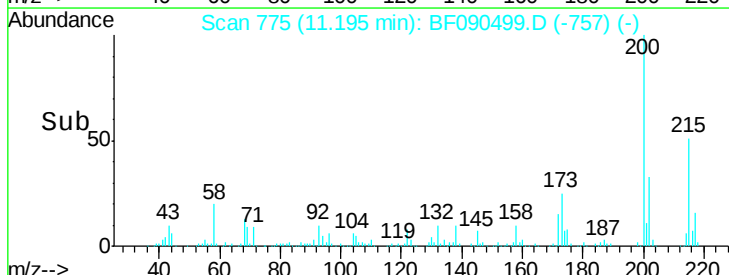
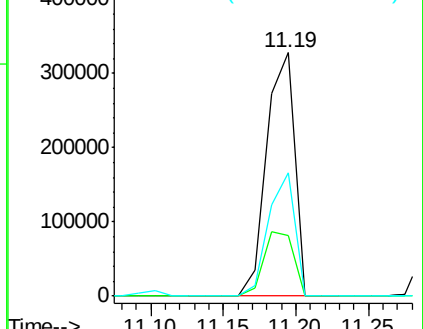
215 50.8 24.8 64.8

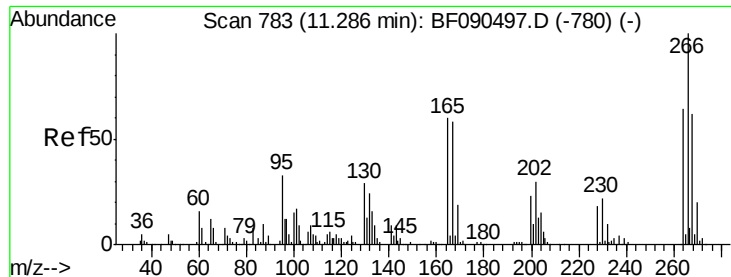


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

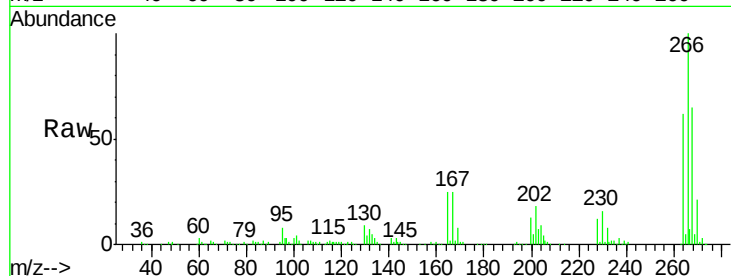




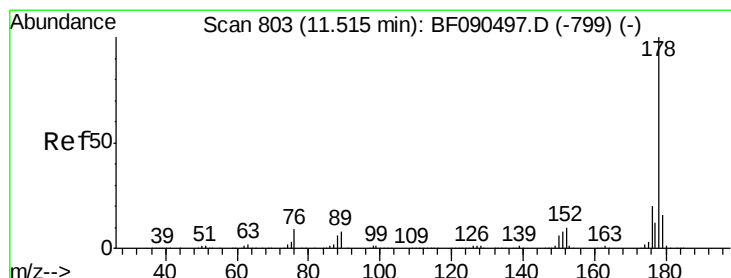
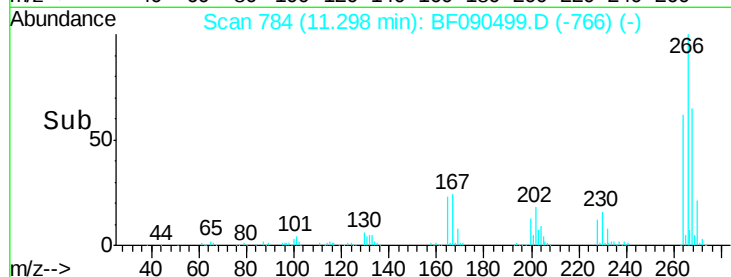
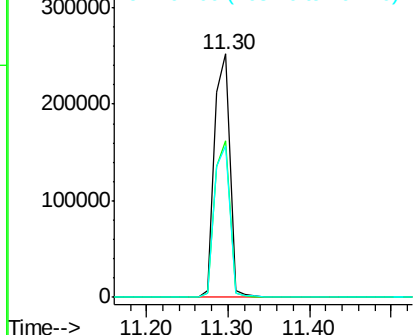
#69
 Pentachlorophenol
 Concen: 67.96 ng
 RT: 11.30 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 334401
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.9 76.3
 264 62.0 51.5 77.3

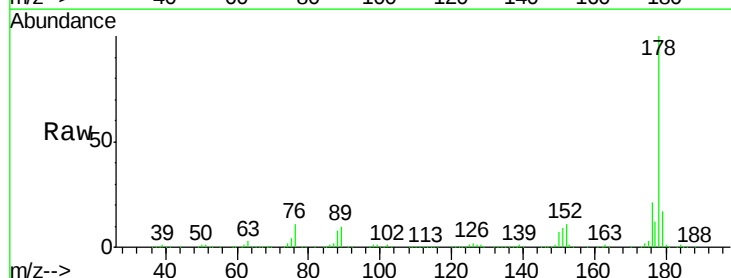


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

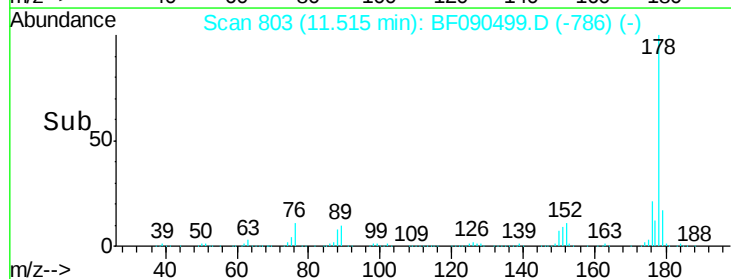
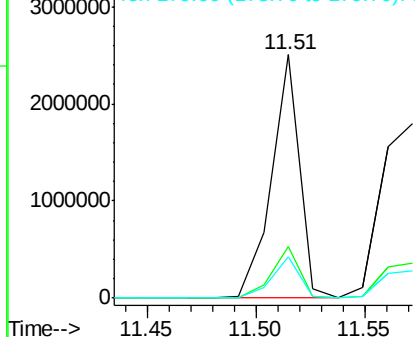


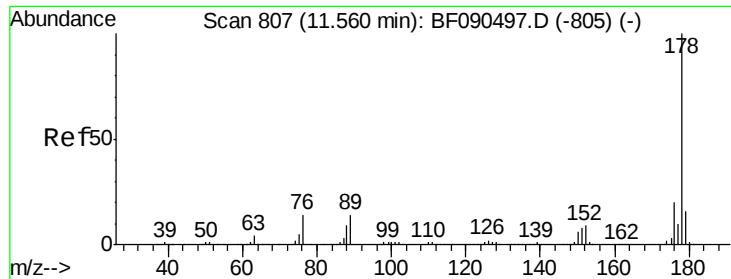
#70
 Phenanthrene
 Concen: 58.32 ng
 RT: 11.51 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion:178 Resp: 2261478
 Ion Ratio Lower Upper
 178 100
 176 21.4 17.3 25.9
 179 16.8 13.8 20.6



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

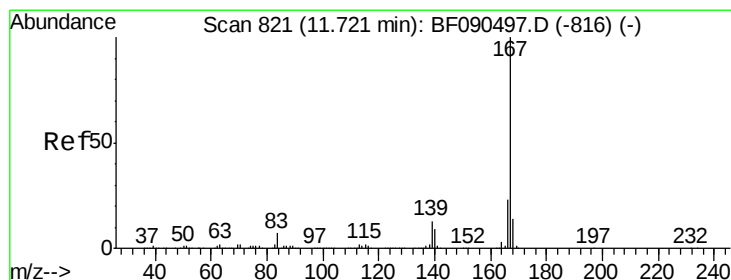
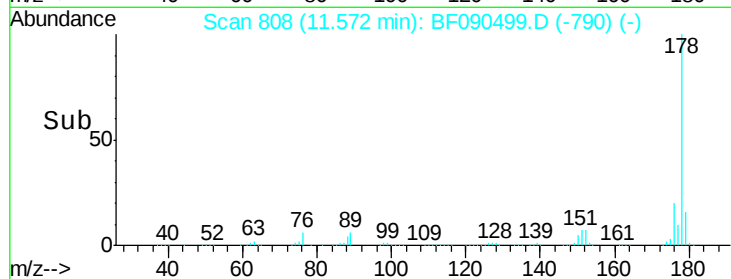
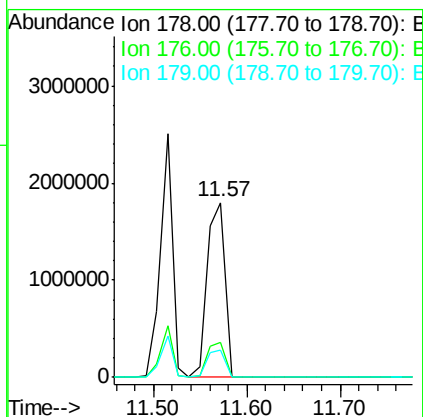
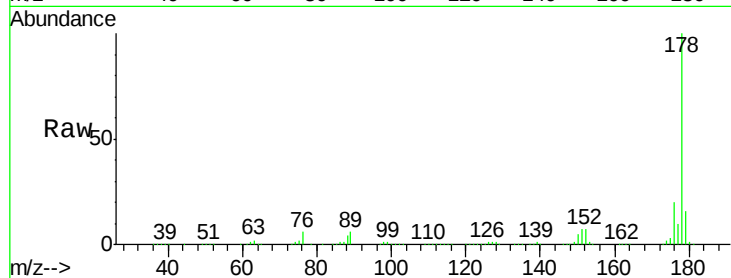




#71
 Anthracene
 Concen: 60.17 ng
 RT: 11.57 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

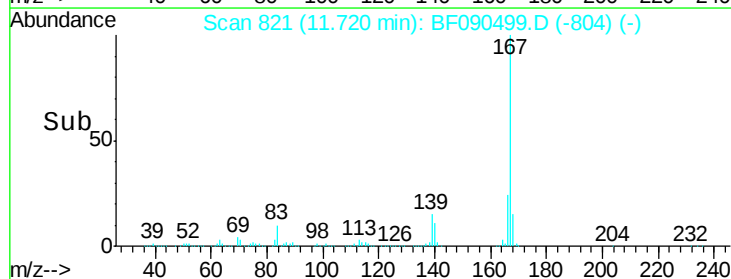
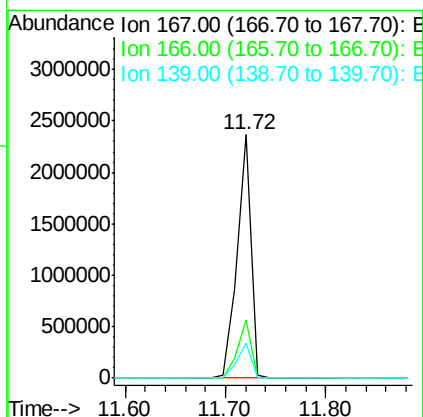
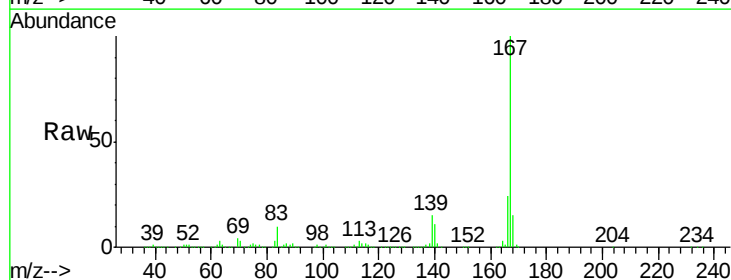
Instrument :
 BNA_F
 ClientSampleId :

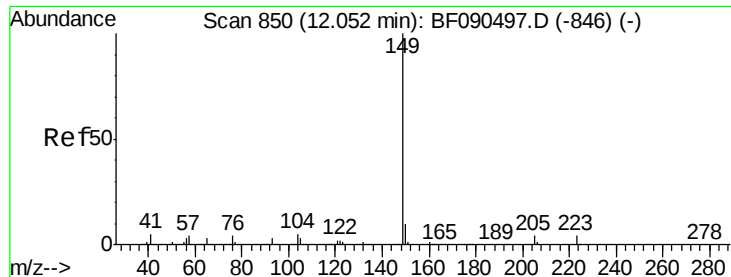
Tot Ion:178 Resp: 2382495
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.8 25.2
 179 15.8 13.4 20.2



#72
 Carbazole
 Concen: 61.42 ng
 RT: 11.72 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion:167 Resp: 2259486
 Ion Ratio Lower Upper
 167 100
 166 23.8 19.1 28.7
 139 14.5 12.1 18.1





#73

Di-n-butylphthalate

Concen: 59.14 ng

RT: 12.05 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

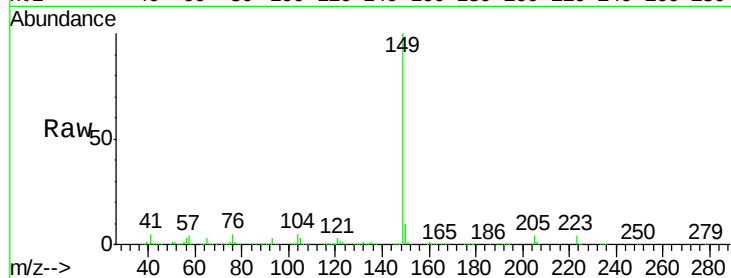
Tot Ion:149 Resp: 2647821

Ion Ratio Lower Upper

149 100

150 10.4 8.6 12.8

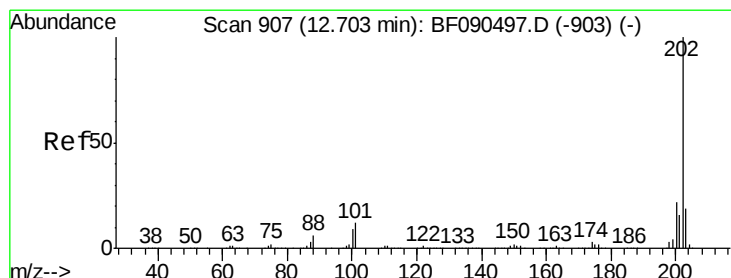
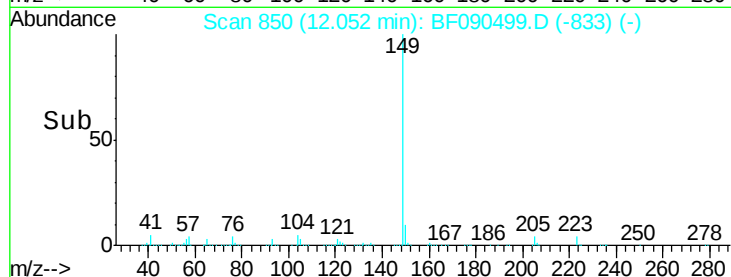
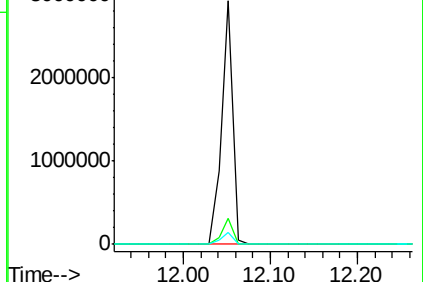
104 5.0 4.7 7.1



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: 59.63 ng

RT: 12.70 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

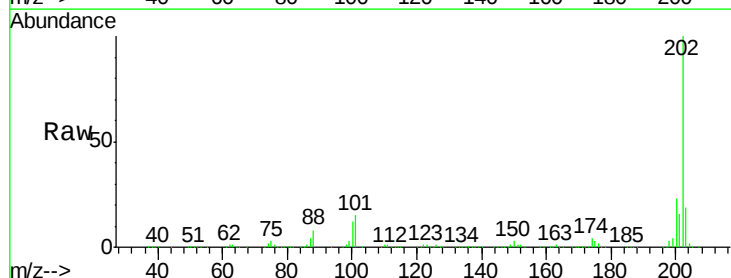
Tgt Ion:202 Resp: 2267914

Ion Ratio Lower Upper

202 100

101 15.4 0.0 37.2

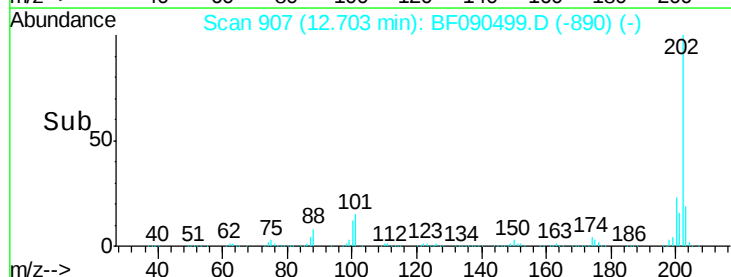
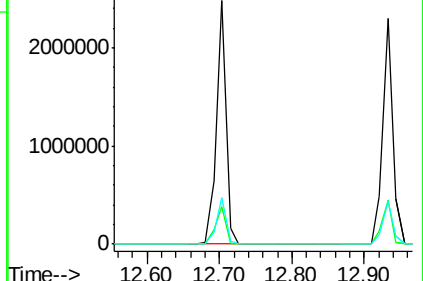
203 19.3 0.0 39.3

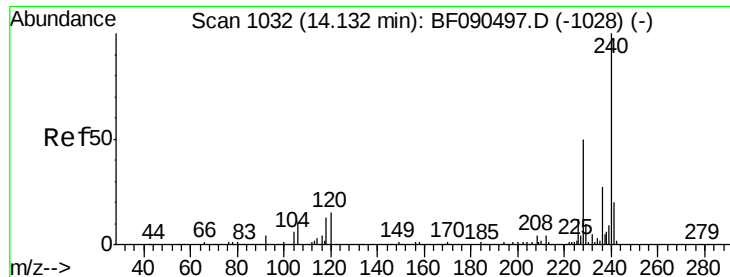


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

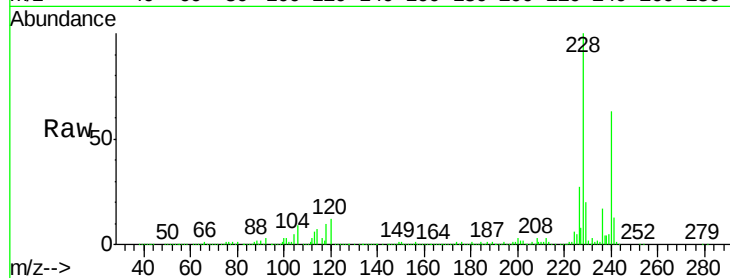
Tot Ion:240 Resp: 646293

Ion Ratio Lower Upper

240 100

120 18.5 8.6 13.0#

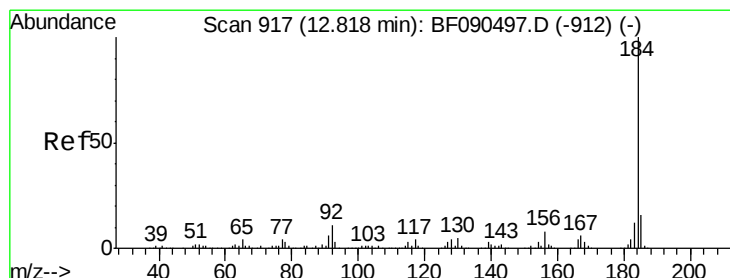
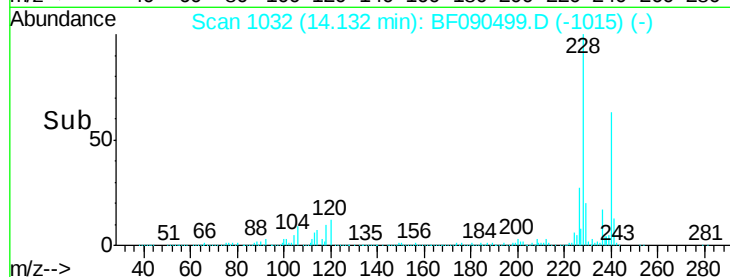
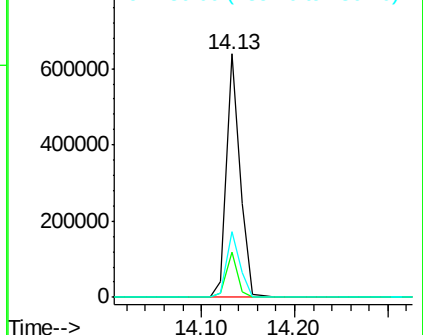
236 27.0 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 69.62 ng

RT: 12.82 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

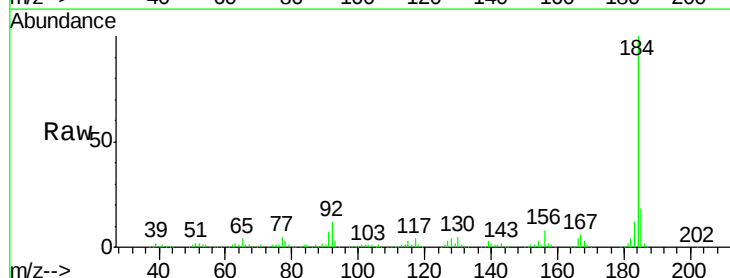
Tgt Ion:184 Resp: 1183082

Ion Ratio Lower Upper

184 100

185 18.1 11.8 17.8#

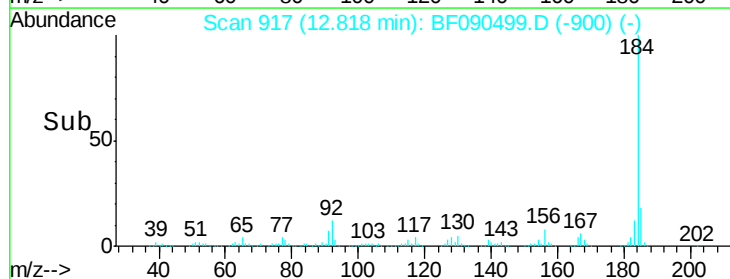
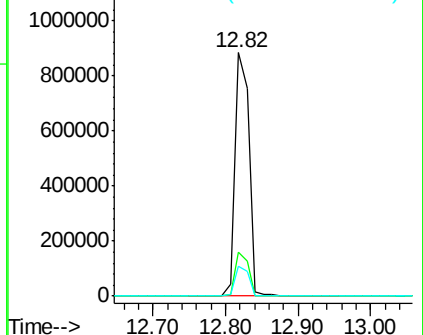
183 12.1 9.6 14.4

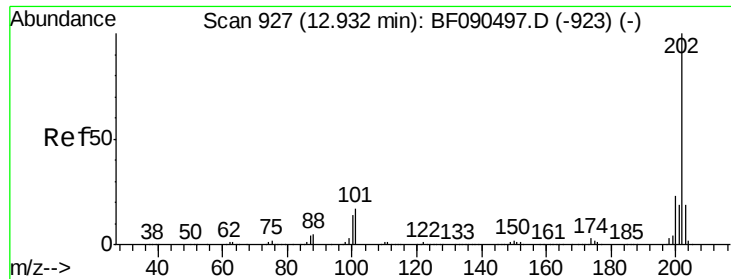


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

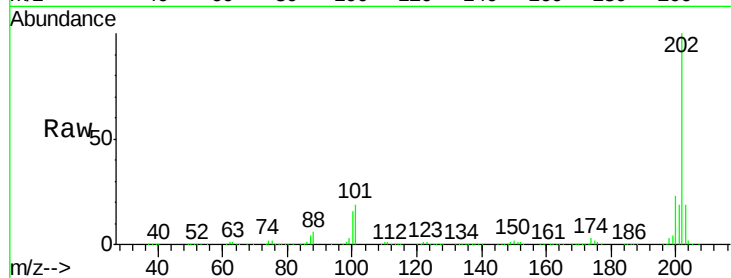




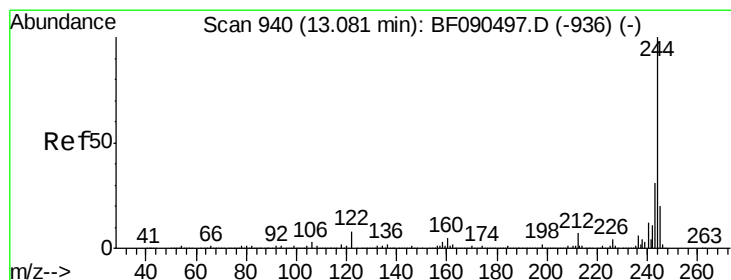
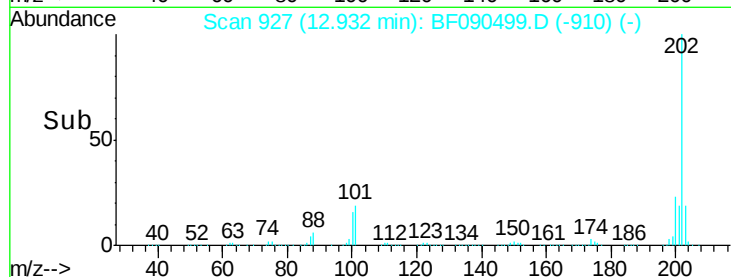
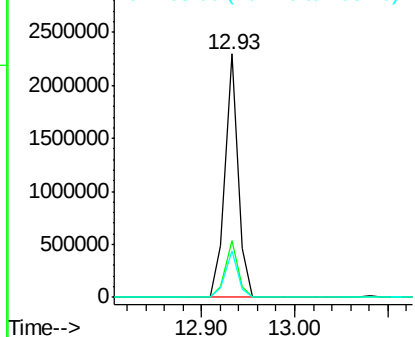
#77
Pvrene
Concen: 51.96 ng
RT: 12.93 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 2239256
Ion Ratio Lower Upper
202 100
200 23.2 18.5 27.7
203 19.1 15.0 22.6

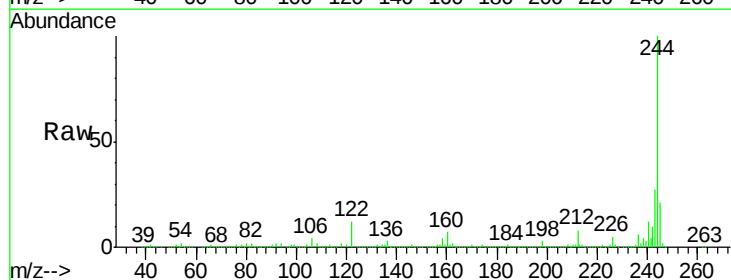


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

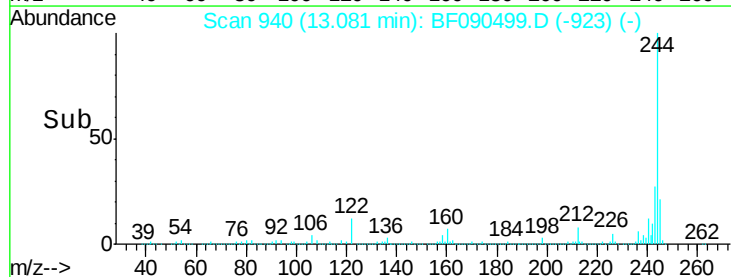
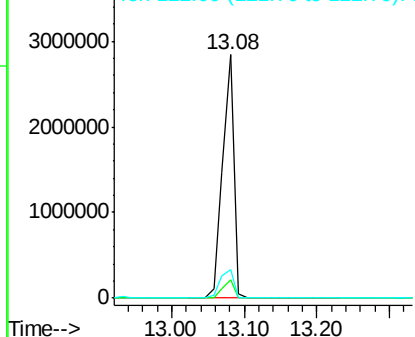


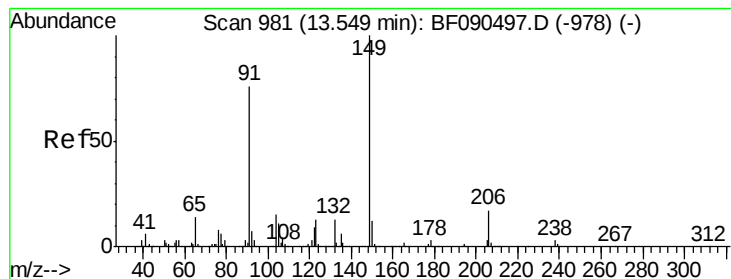
#78
Terphenyl-d14
Concen: 107.23 ng
RT: 13.08 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:244 Resp: 3082473
Ion Ratio Lower Upper
244 100
212 7.6 6.8 10.2
122 11.7 13.3 19.9#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.72 ng

RT: 13.55 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

Instrument :

BNA_F

ClientSampleId :

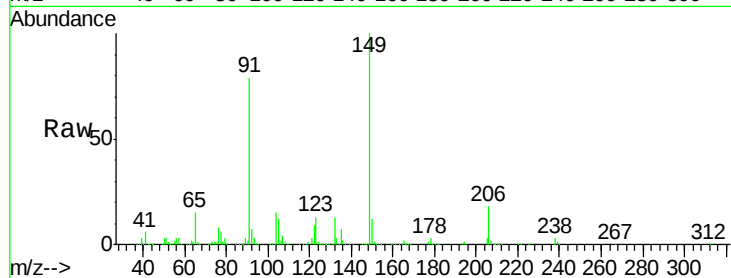
Tot Ion:149 Resp: 1077401

Ion Ratio Lower Upper

149 100

91 78.7 51.8 77.8#

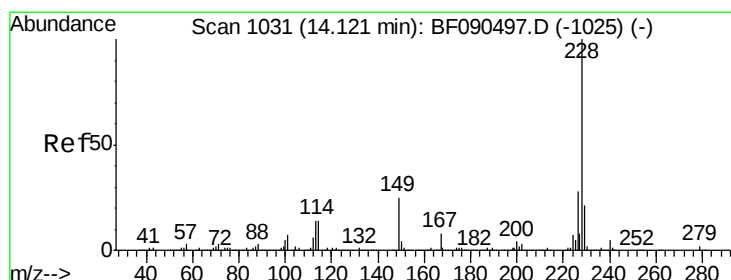
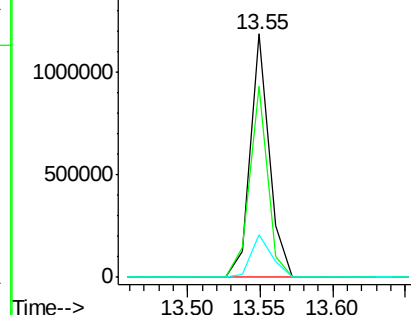
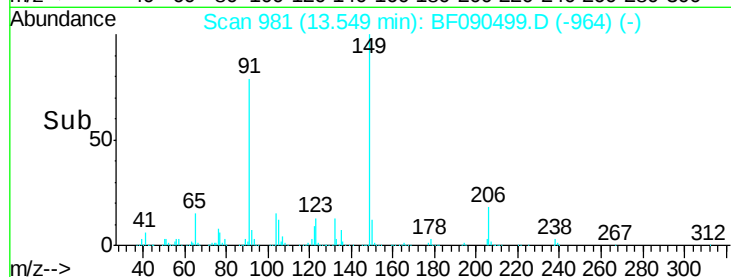
206 17.6 18.0 27.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 61.90 ng

RT: 14.12 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF090499.D

Acq: 11 Oct 2016 13:14

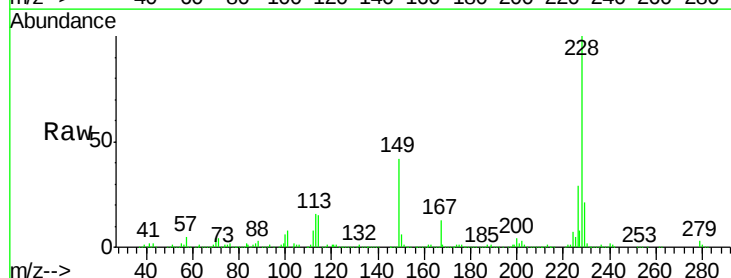
Tgt Ion:228 Resp: 2244458

Ion Ratio Lower Upper

228 100

226 29.1 23.6 35.4

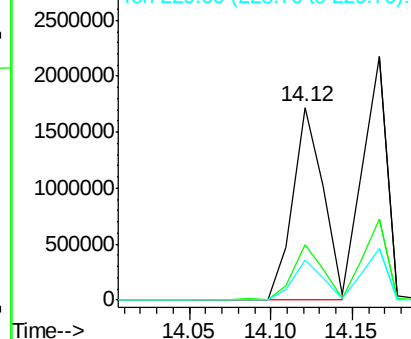
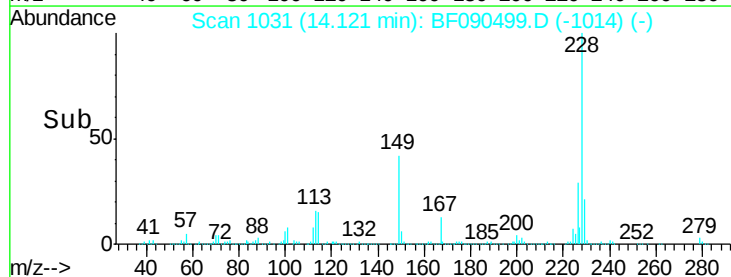
229 21.1 16.6 25.0

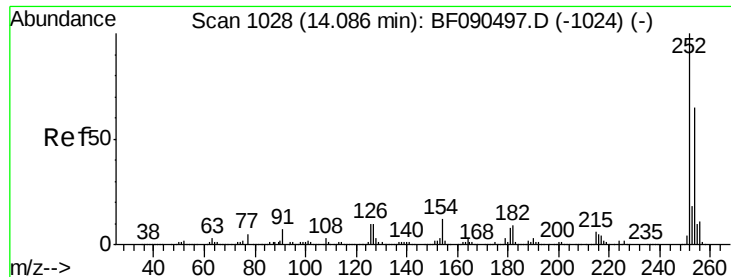


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

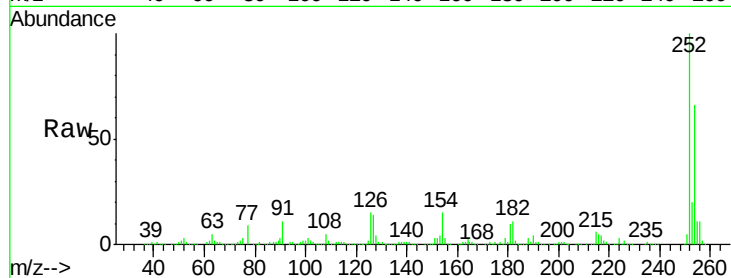




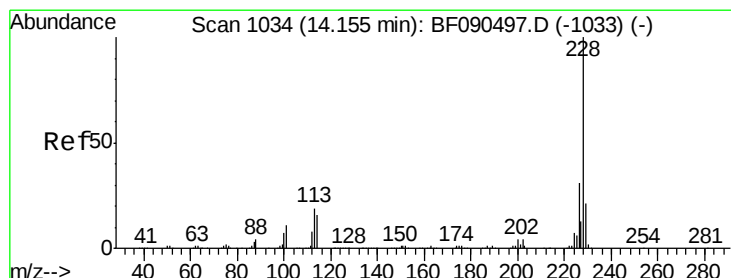
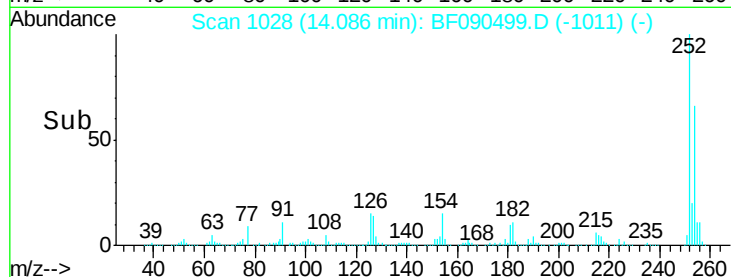
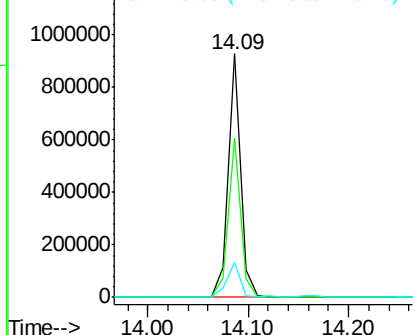
#81
 3,3'-Dichlorobenzidine
 Concen: 60.54 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 795965
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.1 78.1
 126 14.6 4.2 6.4#

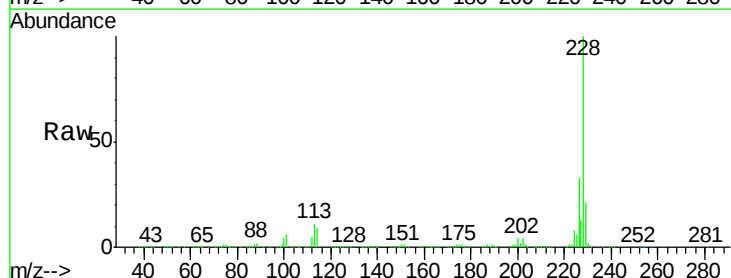


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

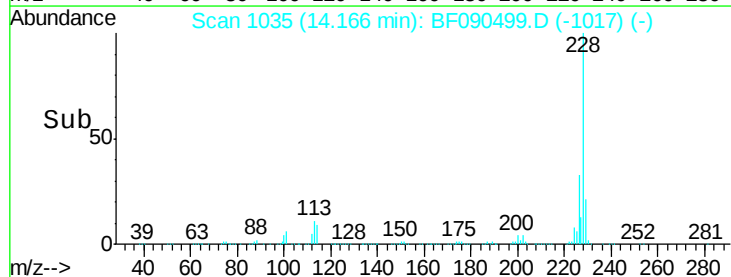
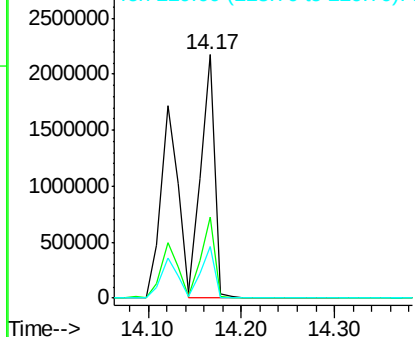


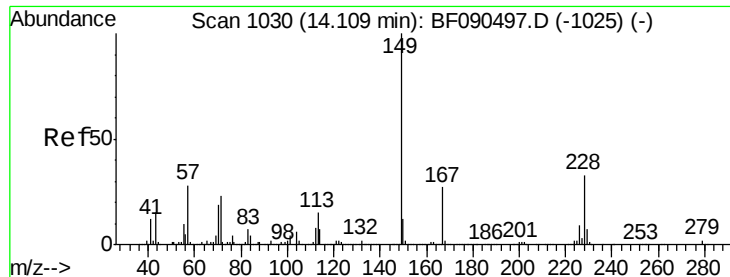
#82
 Chrysene
 Concen: 68.13 ng
 RT: 14.17 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion:228 Resp: 2273625
 Ion Ratio Lower Upper
 228 100
 226 33.3 25.8 38.6
 229 21.2 16.9 25.3



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

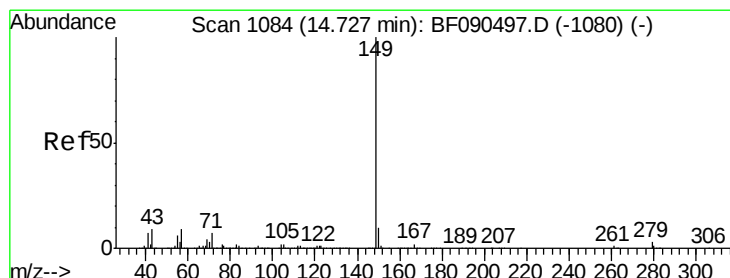
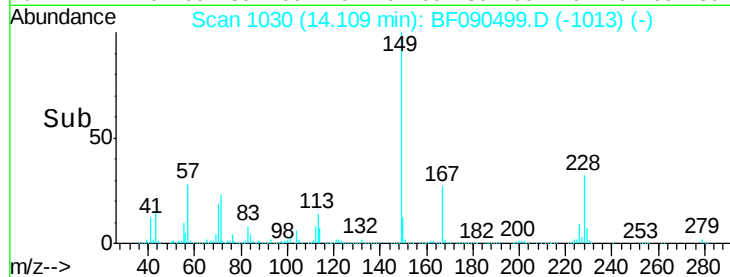
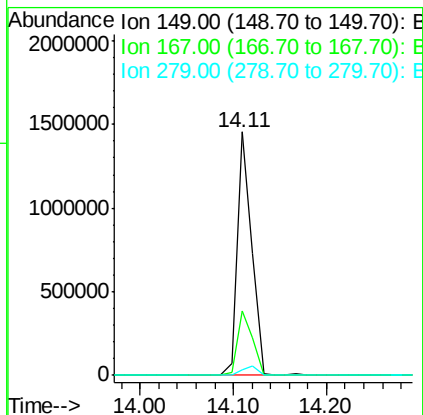
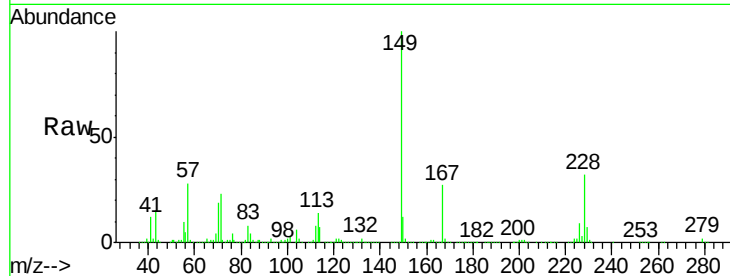




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.00 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

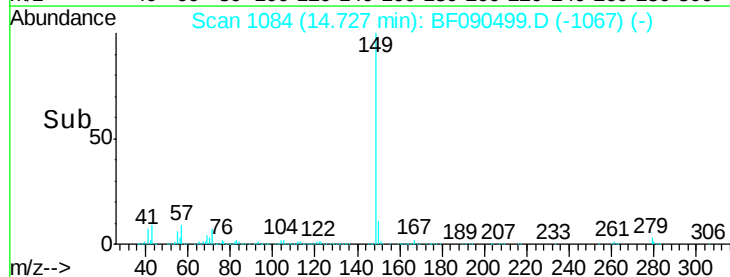
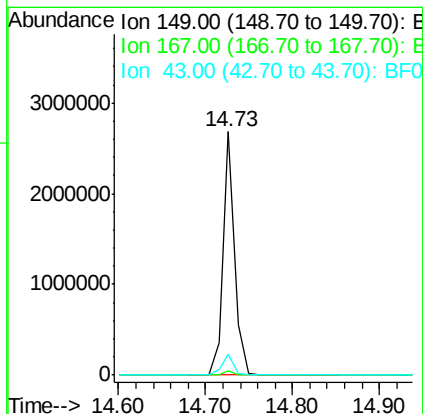
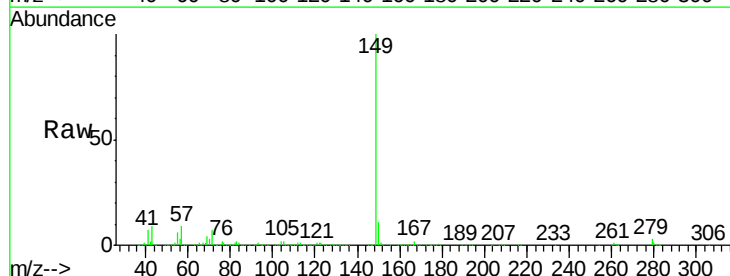
Instrument :
 BNA_F
 ClientSampleId :

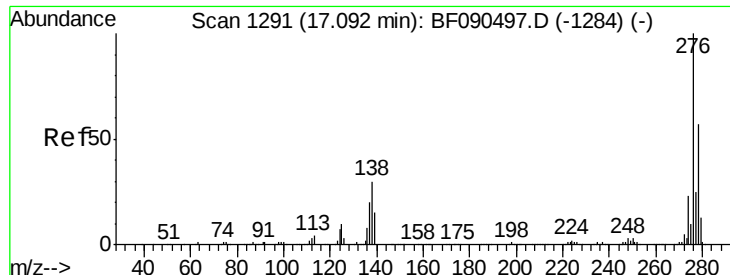
Tot Ion:149 Resp: 1571418
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.5 32.3
 279 2.2 2.6 3.8#



#84
 Di-n-octyl phthalate
 Concen: 53.69 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Tgt Ion:149 Resp: 2501920
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 9.1 11.8 17.8#

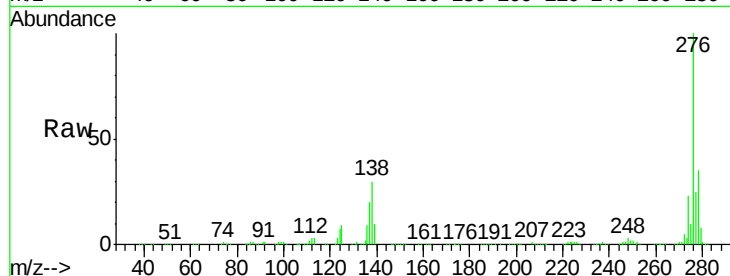




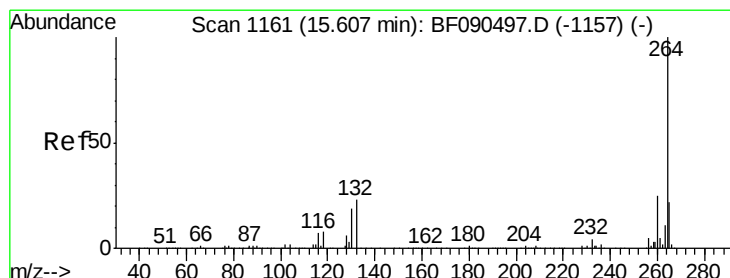
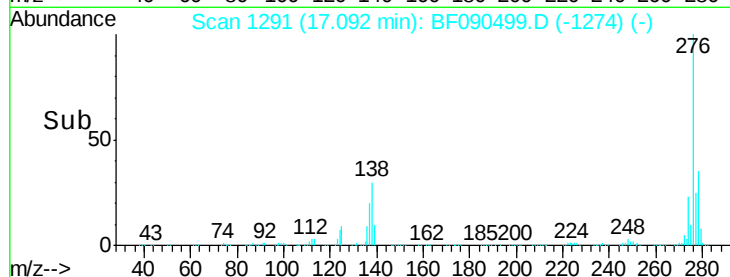
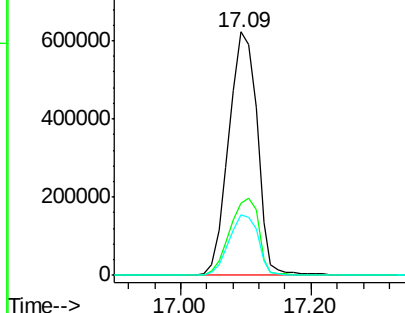
#85
Indeno(1,2,3-cd)pyrene
Concen: 79.22 ng
RT: 17.09 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 1885023
Ion Ratio Lower Upper
276 100
138 32.5 23.8 35.8
277 25.3 20.4 30.6

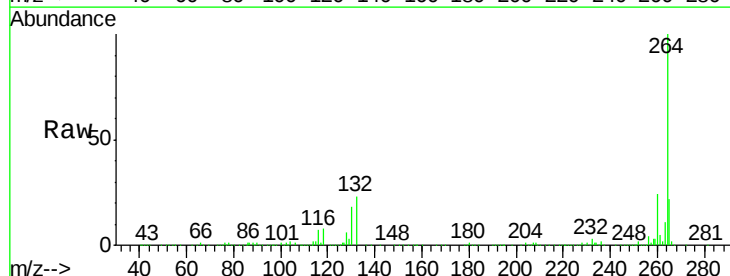


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

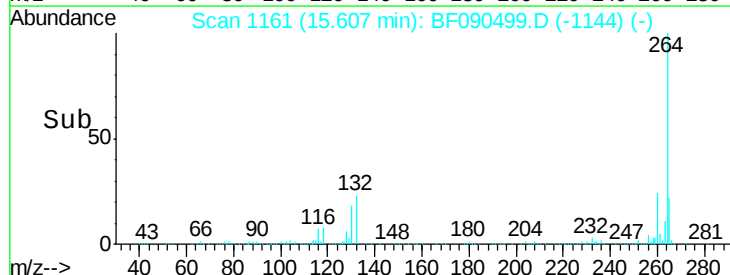
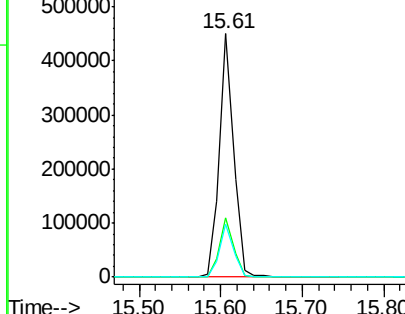


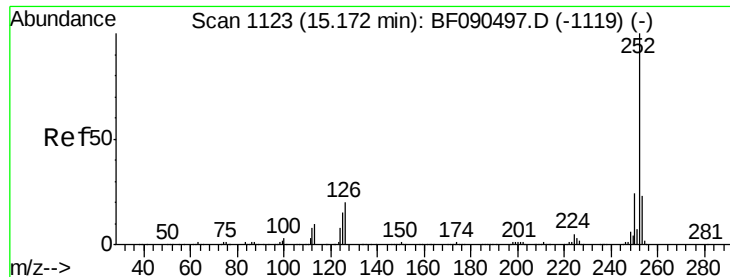
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:264 Resp: 550987
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 21.7 17.4 26.0



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

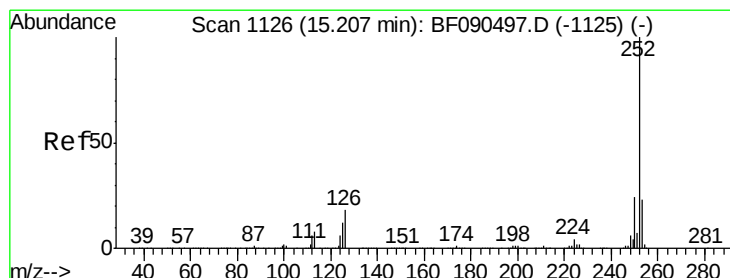
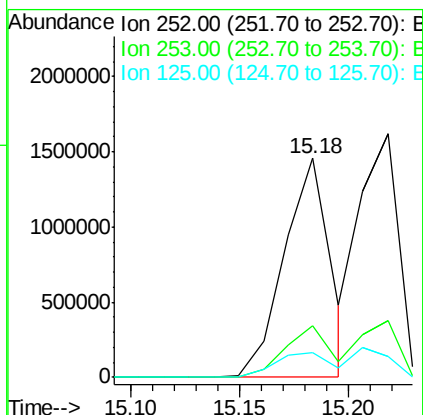
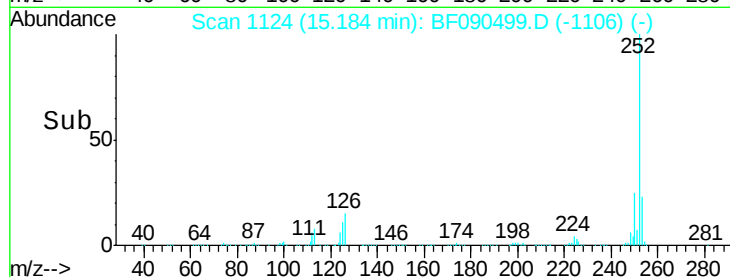
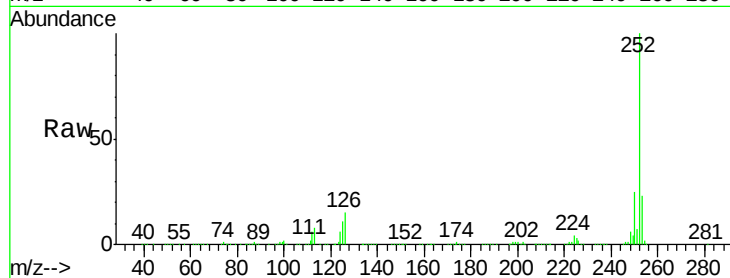




#87
Benzo(b)fluoranthene
Concen: 61.22 ng
RT: 15.18 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

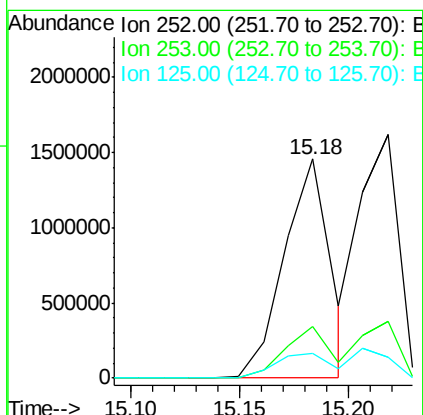
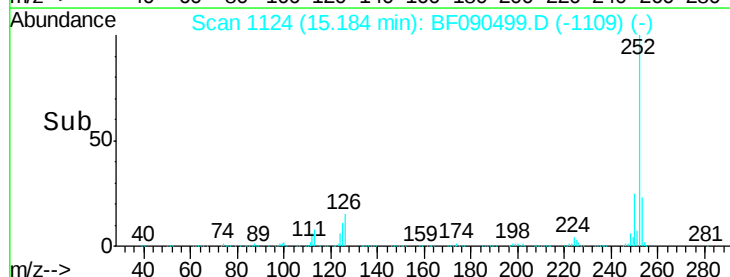
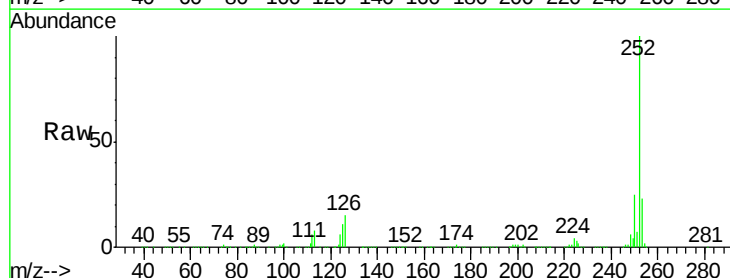
Instrument :
BNA_F
ClientSampleId :

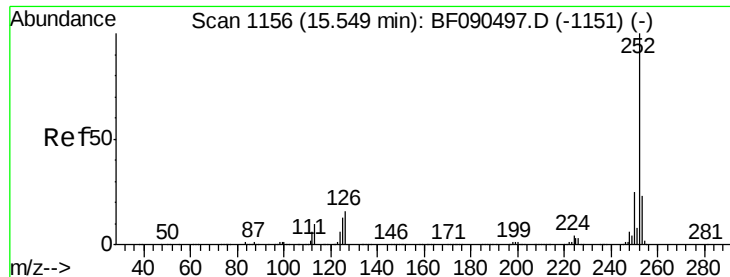
Tot Ion:252 Resp: 2148636
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 11.4 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 65.17 ng
RT: 15.18 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:252 Resp: 2148636
Ion Ratio Lower Upper
252 100
253 23.4 18.6 27.8
125 11.4 11.7 17.5#

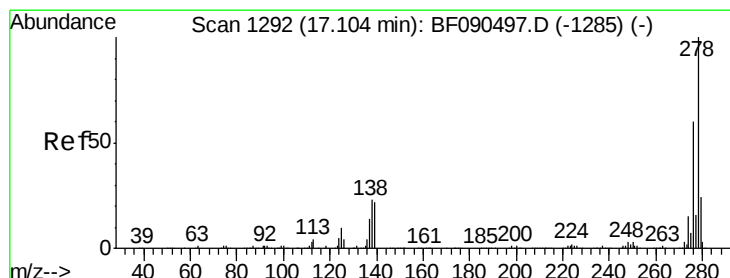
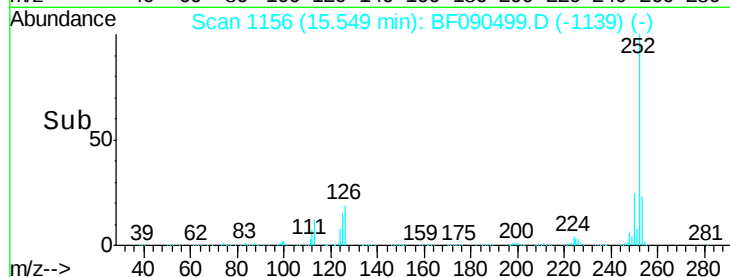
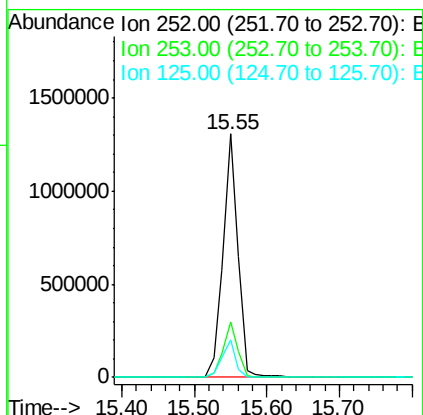
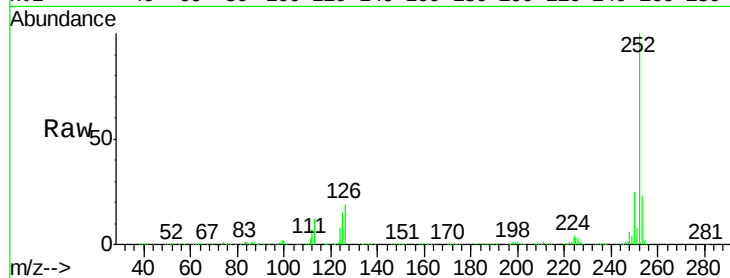




#89
Benzo(a)pyrene
Concen: 61.67 ng
RT: 15.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

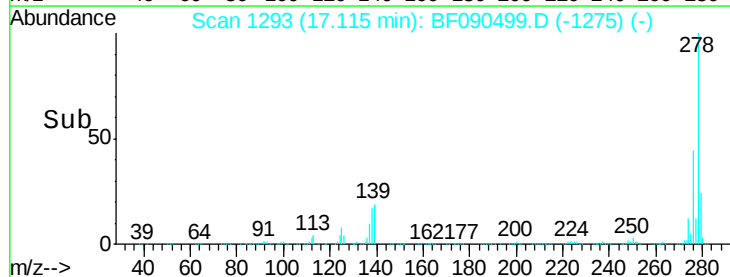
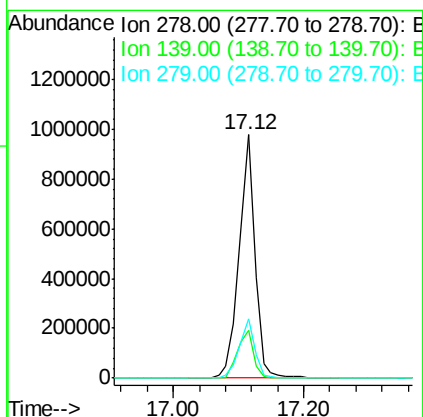
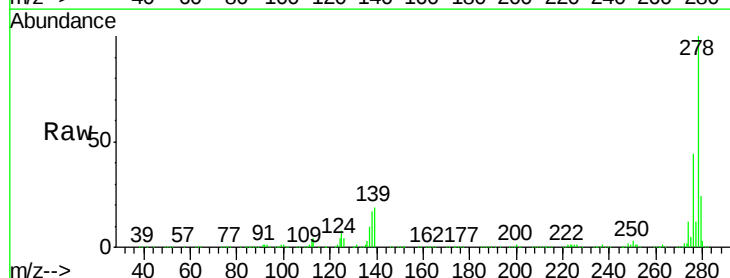
Instrument :
BNA_F
ClientSampleId :

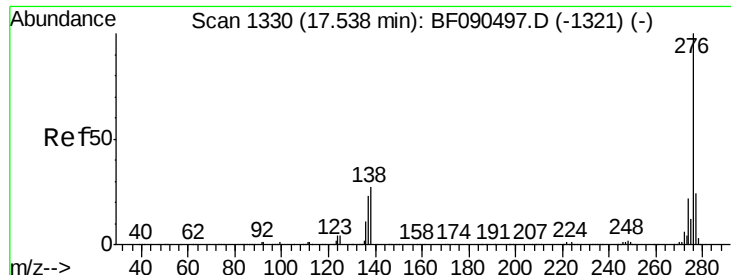
Tot Ion:252 Resp: 1865529
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 15.3 9.8 14.8#



#90
Dibenzo(a,h)anthracene
Concen: 63.79 ng
RT: 17.12 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF090499.D
Acq: 11 Oct 2016 13:14

Tgt Ion:278 Resp: 1641593
Ion Ratio Lower Upper
278 100
139 19.4 12.8 19.2#
279 24.3 19.6 29.4





#91
 Benzo(a,h,i)perylene
 Concen: 61.07 ng
 RT: 17.55 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF090499.D
 Acq: 11 Oct 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 1508220
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.4 29.0
 138 24.2 20.8 31.2

