

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090496.D
 Acq On : 11 Oct 2016 11:52
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 13:17:51 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	210407	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	809068	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	414679	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	699001	20.00	ng	0.00
75) Chrysene-d12	14.13	240	737481	20.00	ng	0.00
86) Perylene-d12	15.61	264	571607	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	690219	48.96	ng	-0.01
7) Phenol-d6	6.58	99	852399	46.16	ng	-0.01
23) Nitrobenzene-d5	7.51	82	818449	49.21	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	195880	58.09	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1488183	59.79	ng	0.00
78) Terphenyl-d14	13.07	244	1362679	41.54	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.61	88	168602	24.26	ng	# 84
3) Pyridine	3.37	79	438557	22.63	ng	# 77
4) n-Nitrosodimethylamine	3.31	42	155709	19.47	ng	# 44
6) Aniline	6.61	93	580813	22.77	ng	94
8) 2-Chlorophenol	6.74	128	398473	25.68	ng	90
9) Benzaldehyde	6.50	77	297062	31.83	ng	96
10) Phenol	6.59	94	461191	21.48	ng	96
11) bis(2-Chloroethyl)ether	6.68	93	352721	21.46	ng	94
12) 1,3-Dichlorobenzene	6.90	146	387302	25.04	ng	97
13) 1,4-Dichlorobenzene	6.97	146	379345	24.15	ng	98
14) 1,2-Dichlorobenzene	7.13	146	400013	26.43	ng	96
15) Benzyl Alcohol	7.09	79	368541	26.26	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	517450	18.56	ng	90
17) 2-Methylphenol	7.21	107	321925	25.23	ng	97
18) Hexachloroethane	7.47	117	152103	24.56	ng	100
19) n-Nitroso-di-n-propylamine	7.37	70	288601	21.32	ng	# 75
20) 3+4-Methylphenols	7.35	107	381330	23.09	ng	# 83
22) Acetophenone	7.35	105	485248	25.32	ng	# 95
24) Nitrobenzene	7.54	77	412720	24.99	ng	# 81
25) Isophorone	7.78	82	732742	24.10	ng	95
26) 2-Nitrophenol	7.85	139	186438	26.23	ng	# 71
27) 2,4-Dimethylphenol	7.89	122	359727	26.03	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	415876	23.12	ng	97
29) 2,4-Dichlorophenol	8.10	162	291969	27.78	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	300519	27.75	ng	100
31) Naphthalene	8.26	128	1022311	26.19	ng	98
32) Benzoic acid	7.99	122	262707	27.34	ng	98
33) 4-Chloroaniline	8.30	127	425490	26.37	ng	98
34) Hexachlorobutadiene	8.38	225	183081	30.26	ng	100
35) Caprolactam	8.66	113	89356	25.29	ng	# 85
36) 4-Chloro-3-methylphenol	8.78	107	299256	22.74	ng	94
37) 2-Methylnaphthalene	8.95	142	724843	30.68	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	293080	26.81	ng	98
40) Hexachlorocyclopentadiene	9.11	237	146291	24.41	ng	97

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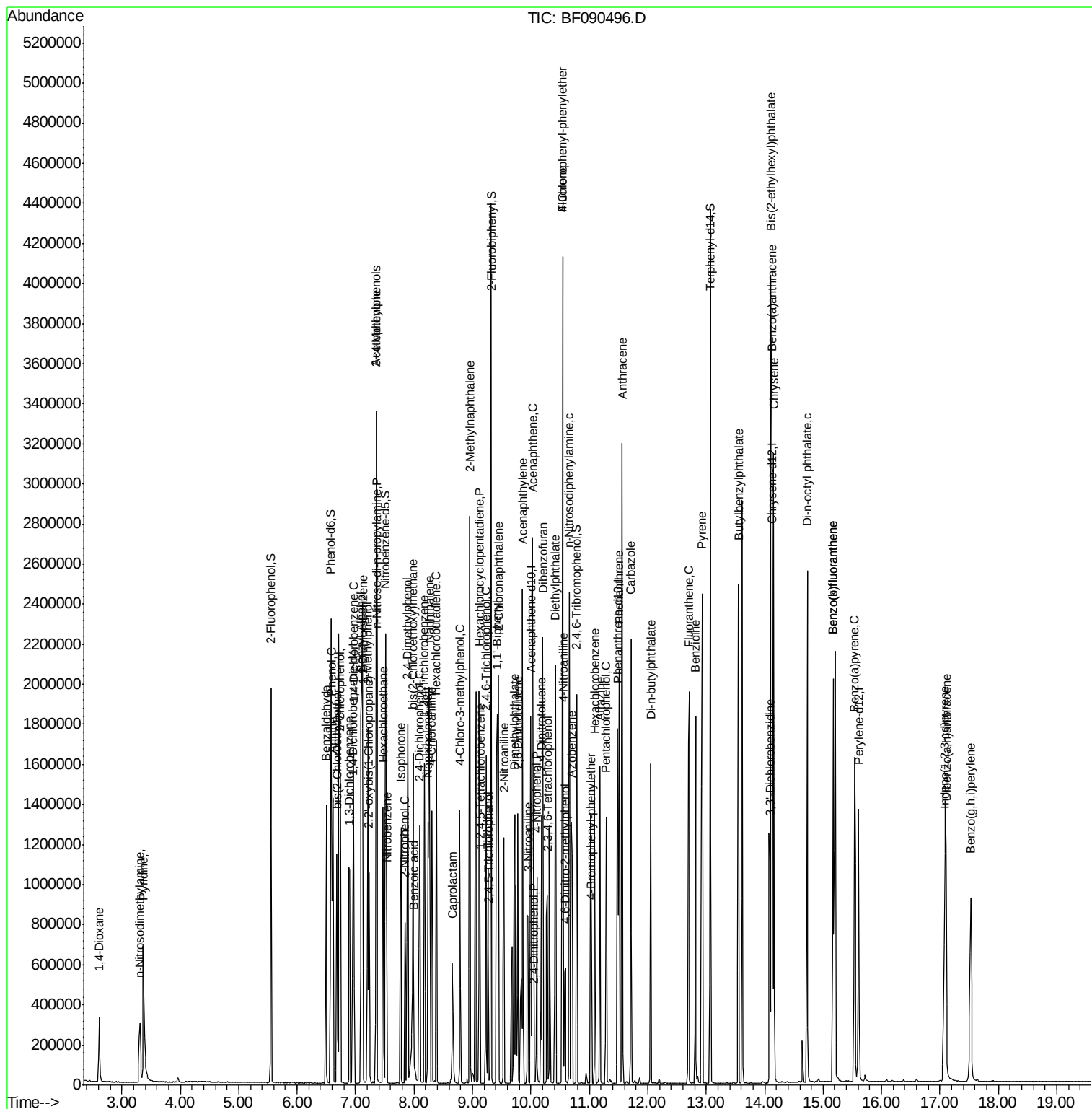
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	205274	27.21	nq	97
43) 2,4,5-Trichlorophenol	9.27	196	198701	27.85	nq	# 84
45) 1,1'-Biphenyl	9.42	154	846398	27.54	nq	93
46) 2-Chloronaphthalene	9.45	162	677391	29.84	nq	94
47) 2-Nitroaniline	9.54	65	242268	27.04	nq	# 77
48) Acenaphthylene	9.86	152	985963	26.32	nq	98
49) Dimethylphthalate	9.72	163	766066	28.85	nq	97
50) 2,6-Dinitrotoluene	9.78	165	180744	30.65	nq	# 77
51) Acenaphthene	10.03	154	625771	26.79	nq	96
52) 3-Nitroaniline	9.95	138	213307	30.97	nq	# 79
53) 2,4-Dinitrophenol	10.05	184	79202	30.13	nq	# 76
54) Dibenzofuran	10.20	168	851449	28.16	nq	94
55) 4-Nitrophenol	10.10	139	147580	24.49	nq	99
56) 2,4-Dinitrotoluene	10.18	165	232114	29.58	nq	# 56
57) Fluorene	10.54	166	717292	28.23	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	174065	32.67	nq	97
59) Diethylphthalate	10.42	149	781178	28.43	nq	# 93
60) 4-Chlorophenyl-phenylether	10.54	204	340877	29.51	nq	# 84
61) 4-Nitroaniline	10.55	138	199354	28.73	nq	95
62) Azobenzene	10.69	77	831634	26.20	nq	87
64) 4,6-Dinitro-2-methylphenol	10.59	198	125038	29.48	nq	# 44
65) n-Nitrosodiphenylamine	10.66	169	650810	27.78	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	192436	28.09	nq	# 79
67) Hexachlorobenzene	11.09	284	204277	26.77	nq	# 76
68) Atrazine	11.18	200	209979	36.36	nq	96
69) Pentachlorophenol	11.29	266	133252	29.34	nq	99
70) Phenanthrene	11.50	178	1003398	28.03	nq	96
71) Anthracene	11.56	178	1087426	29.75	nq	98
72) Carbazole	11.71	167	915200	26.95	nq	97
73) Di-n-butylphthalate	12.05	149	1227128	29.69	nq	# 95
74) Fluoranthene	12.70	202	1108254	31.57	nq	89
76) Benzidine	12.82	184	603764	31.14	nq	99
77) Pyrene	12.93	202	1179518	23.99	nq	97
79) Butylbenzylphthalate	13.55	149	561722	22.26	nq	96
80) Benzo(a)anthracene	14.12	228	1119933	27.07	nq	98
81) 3,3'-Dichlorobenzidine	14.09	252	391247	26.08	nq	# 99
82) Chrysene	14.16	228	916952	24.08	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	785485	21.90	nq	# 98
84) Di-n-octyl phthalate	14.73	149	1247859	23.47	nq	# 89
85) Indeno(1,2,3-cd)pyrene	17.08	276	837419	30.84	nq	96
87) Benzo(b)fluoranthene	15.17	252	872942	23.98	nq	# 96
88) Benzo(k)fluoranthene	15.17	252	872942	25.52	nq	99
89) Benzo(a)pyrene	15.54	252	861678	27.46	nq	# 96
90) Dibenzo(a,h)anthracene	17.10	278	736917	27.60	nq	97
91) Benzo(g,h,i)perylene	17.53	276	689142	26.90	nq	98

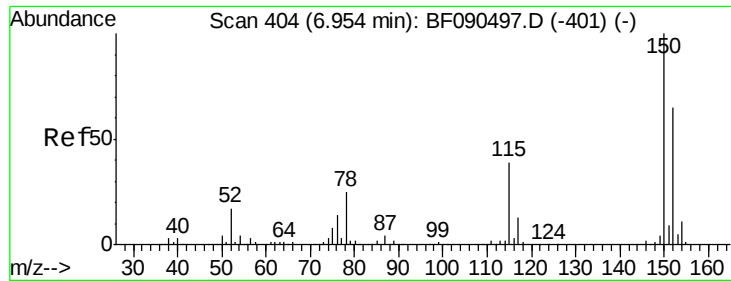
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 404

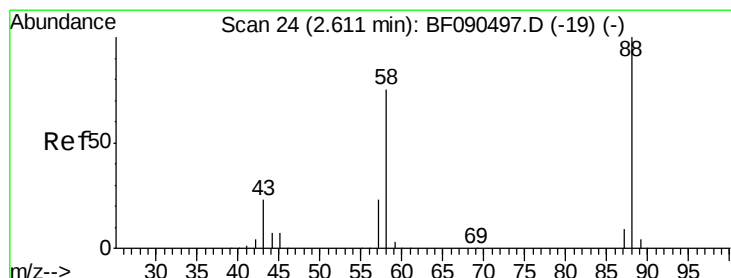
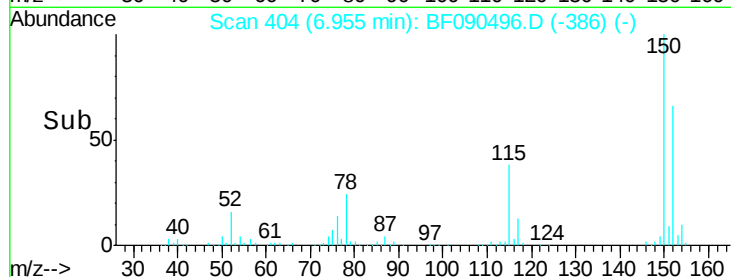
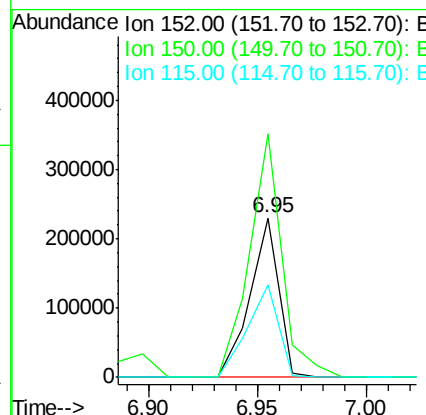
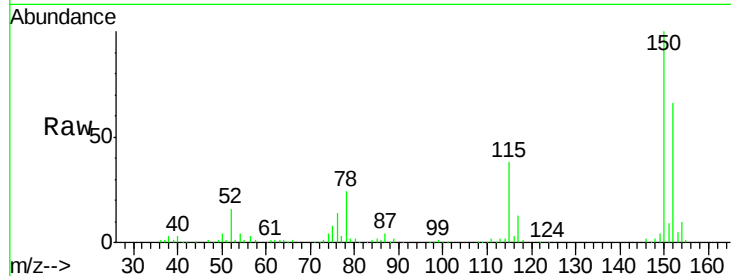
Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	152	Resp:	210407
Ion	Ratio	Lower	Upper
152	100		
150	152.5	124.6	186.8
115	58.0	46.2	69.4



#2

1,4-Dioxane

Concen: 24.26 ng

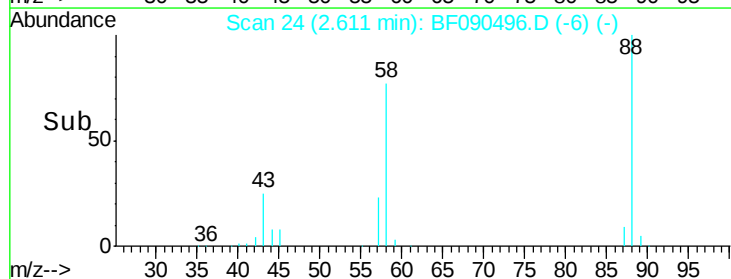
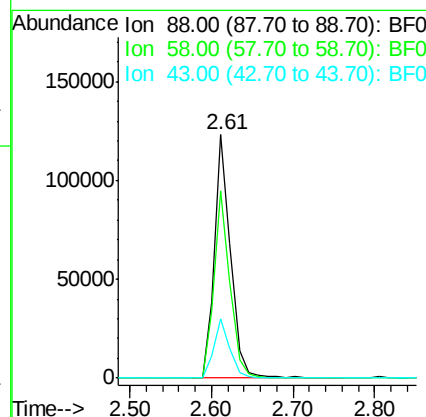
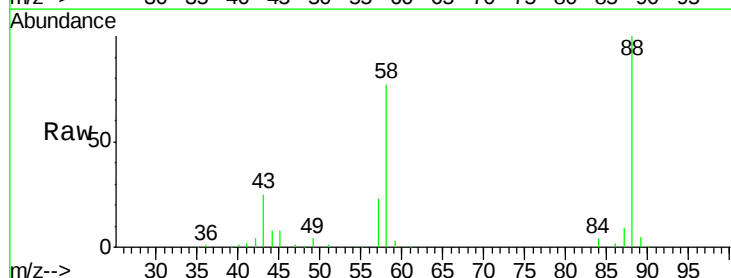
RT: 2.61 min Scan# 24

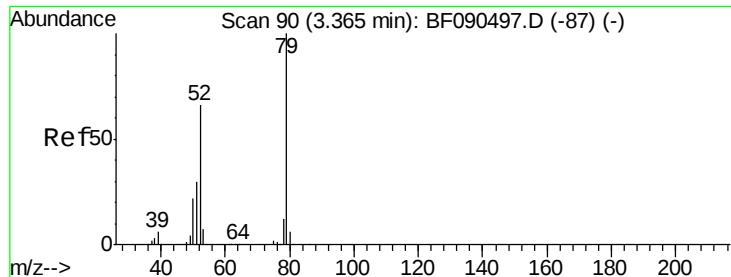
Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Tgt Ion:	88	Resp:	168602
Ion	Ratio	Lower	Upper
88	100		
58	76.6	71.2	106.8
43	24.5	29.8	44.6





#3

Pvridine

Concen: 22.63 ng

RT: 3.37 min Scan# 90

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampleId :

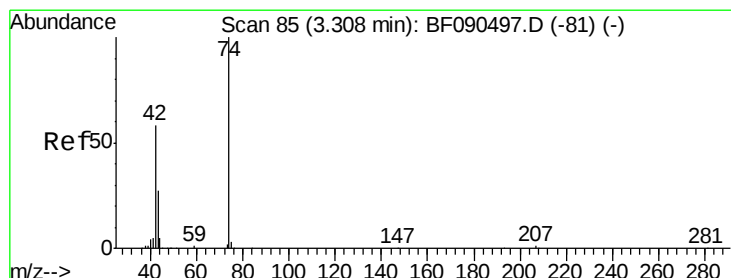
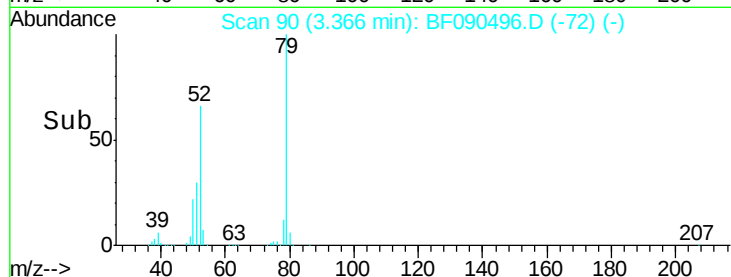
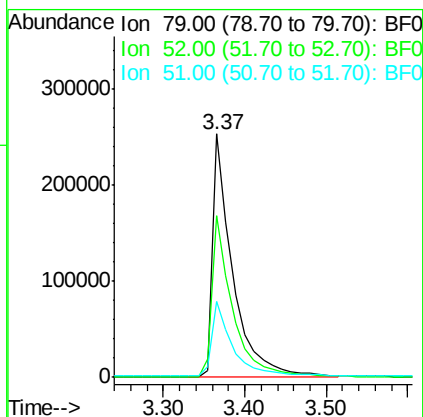
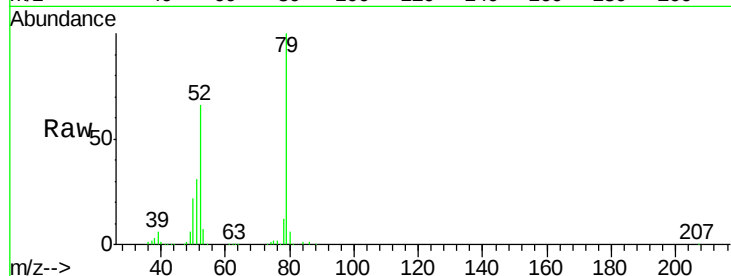
Tot Ion: 79 Resp: 438557

Ion Ratio Lower Upper

79 100

52 66.3 71.3 106.9#

51 31.0 34.5 51.7#



#4

n-Nitrosodimethylamine

Concen: 19.47 ng

RT: 3.31 min Scan# 85

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

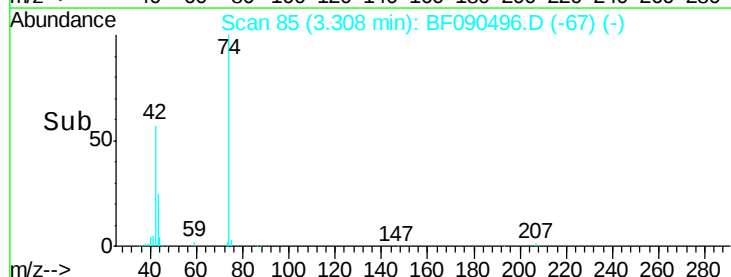
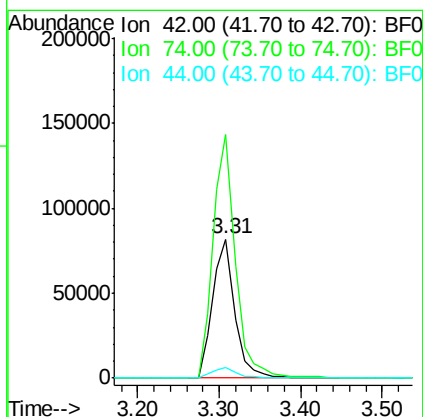
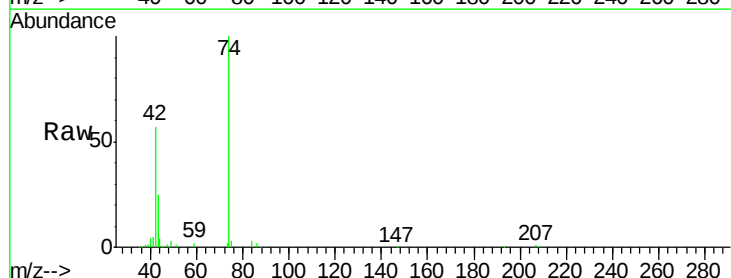
Tgt Ion: 42 Resp: 155709

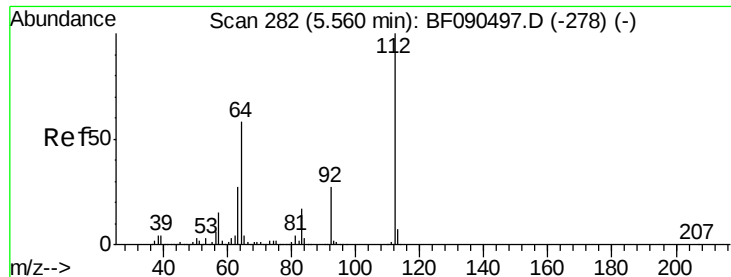
Ion Ratio Lower Upper

42 100

74 175.1 88.9 133.3#

44 7.3 6.5 9.7





#5

2-Fluorophenol

Concen: 48.96 ng

RT: 5.55 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampleId :

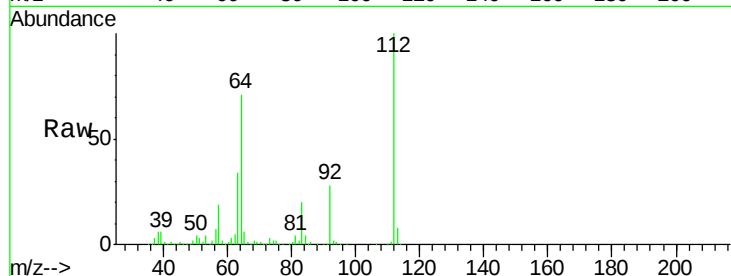
Tot Ion:112 Resp: 690219

Ion Ratio Lower Upper

112 100

64 71.2 57.9 86.9

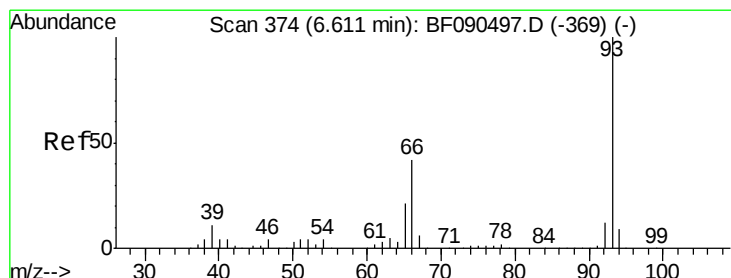
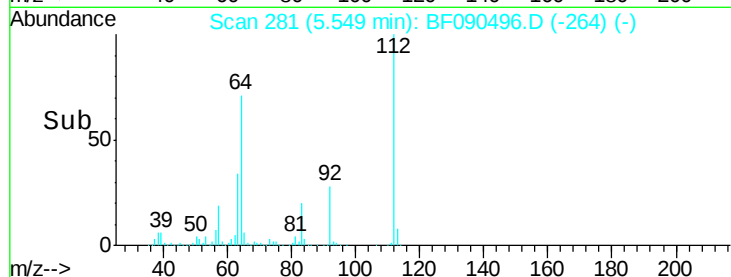
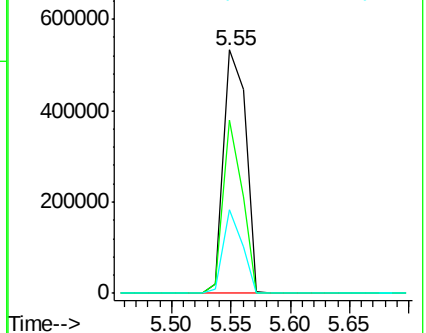
63 34.2 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.77 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

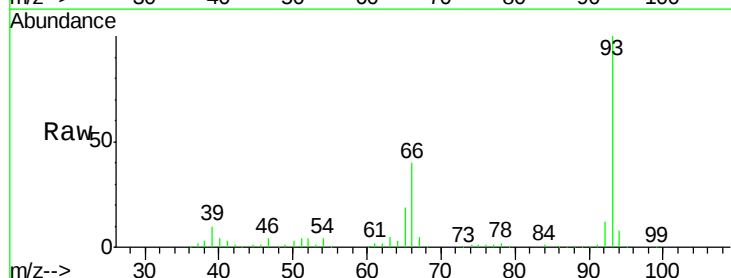
Tgt Ion: 93 Resp: 580813

Ion Ratio Lower Upper

93 100

66 39.8 34.5 51.7

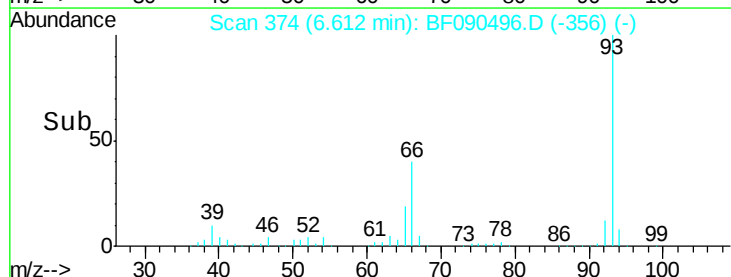
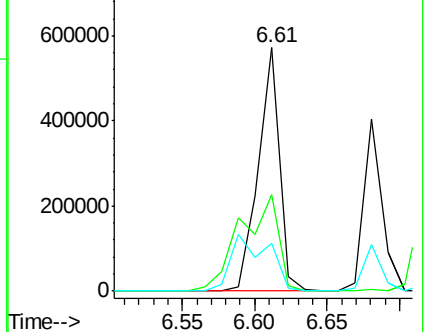
65 19.5 18.2 27.2

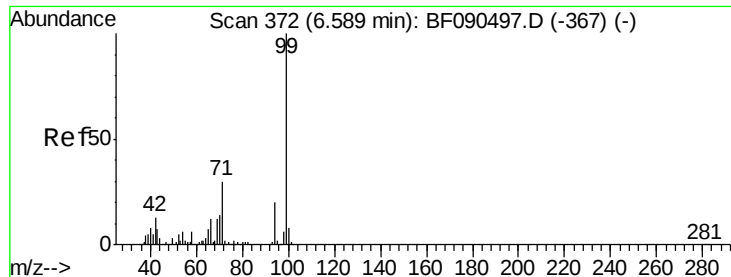


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 46.16 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

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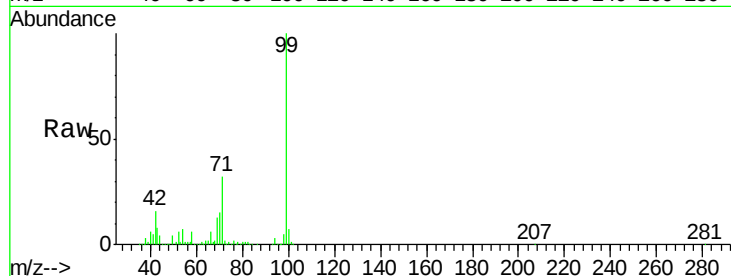
Tot Ion: 99 Resp: 852399

Ion Ratio Lower Upper

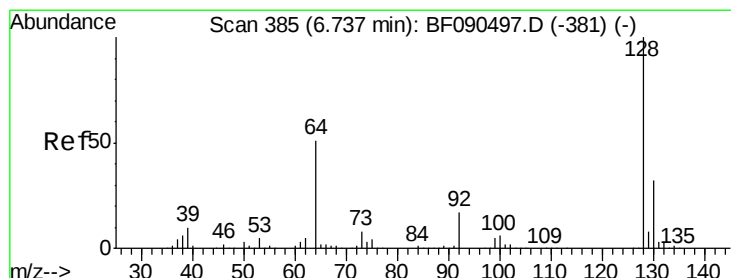
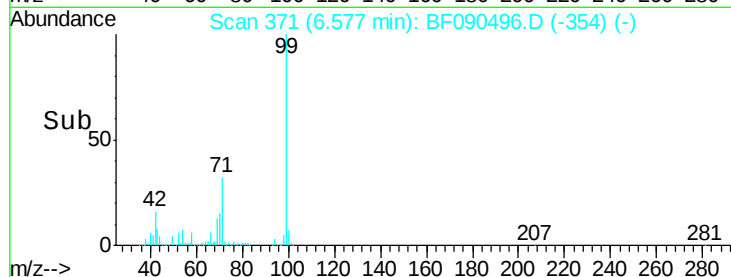
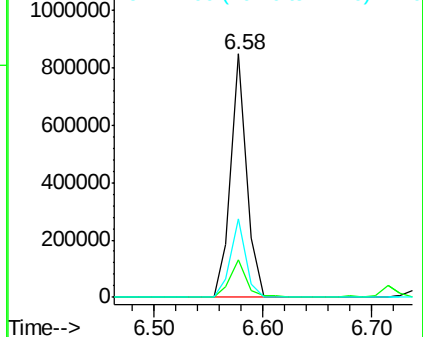
99 100

42 15.7 20.0 30.0#

71 32.1 27.9 41.9



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



#8

2-Chlorophenol

Concen: 25.68 ng

RT: 6.74 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

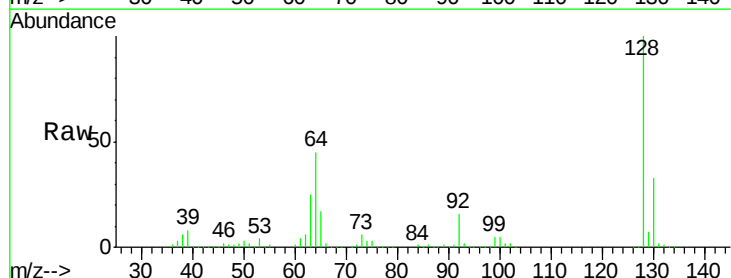
Tgt Ion: 128 Resp: 398473

Ion Ratio Lower Upper

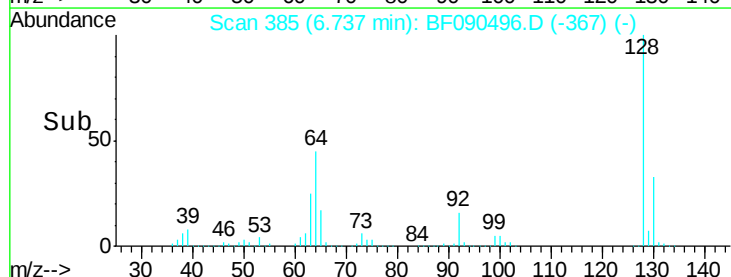
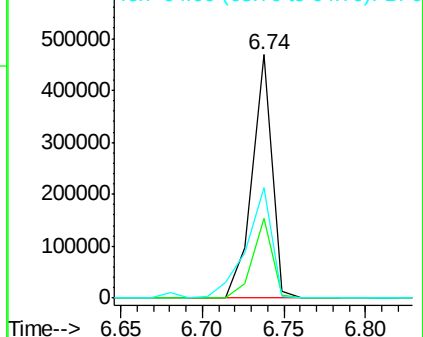
128 100

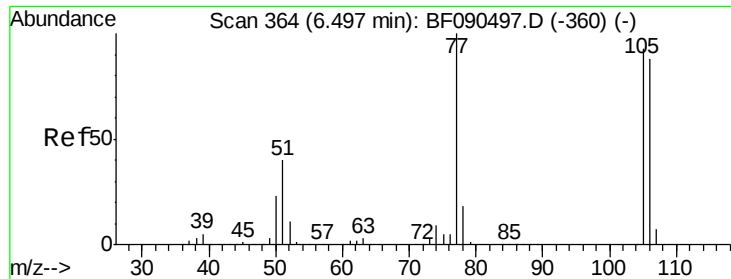
130 32.6 13.3 53.3

64 45.3 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 31.83 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

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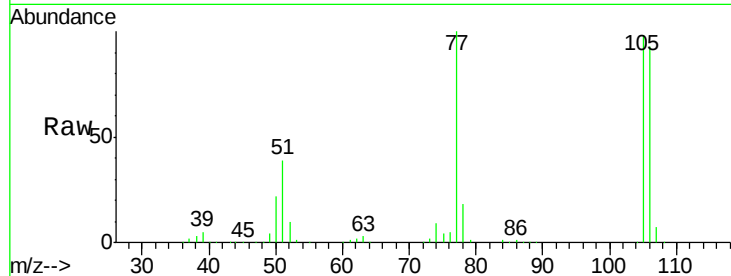
Tot Ion: 77 Resp: 297062

Ion Ratio Lower Upper

77 100

105 98.1 73.1 113.1

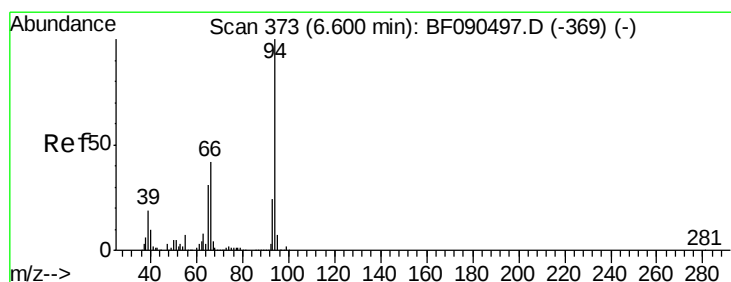
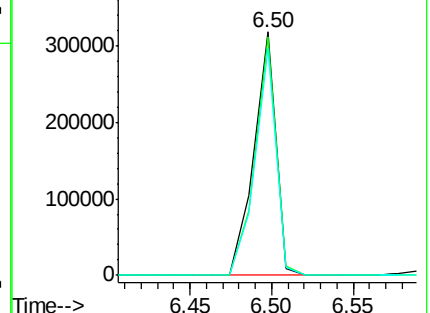
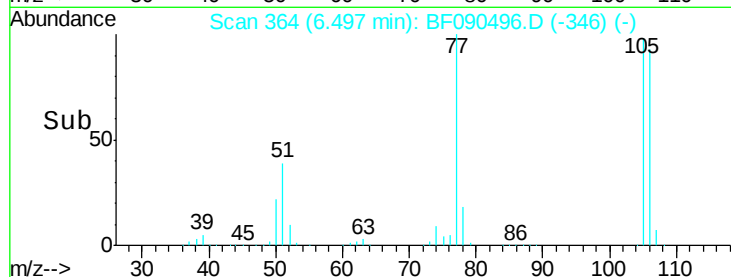
106 93.1 70.2 110.2



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: 21.48 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF090496.D

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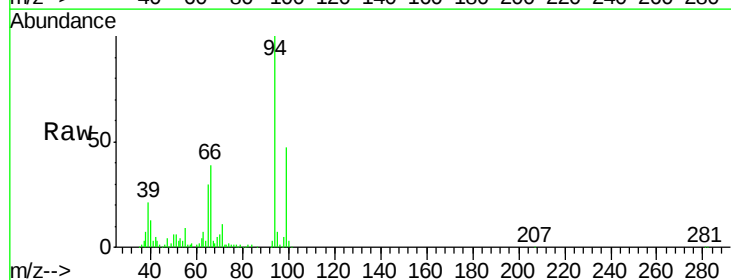
Tgt Ion: 94 Resp: 461191

Ion Ratio Lower Upper

94 100

65 30.2 13.3 53.3

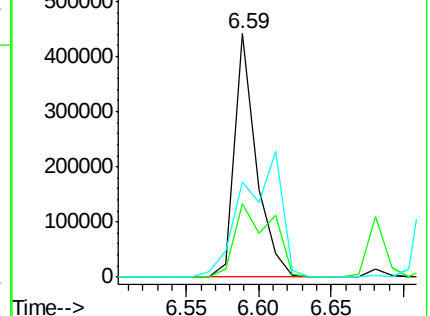
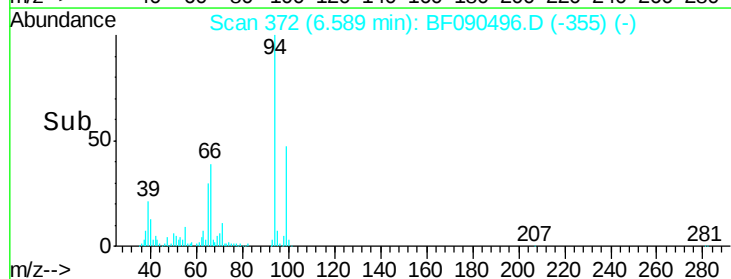
66 38.9 20.4 60.4

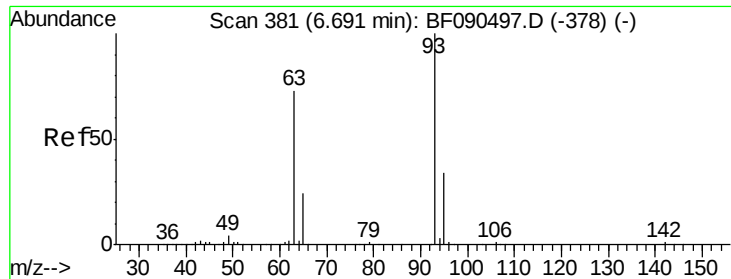


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

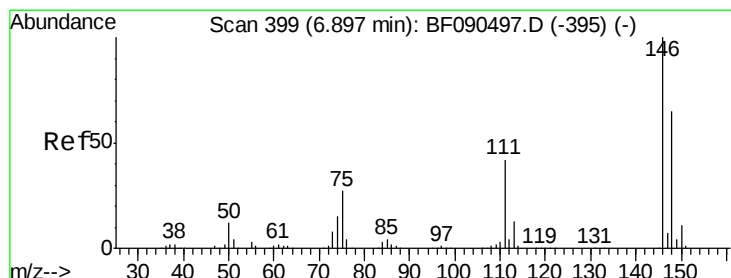
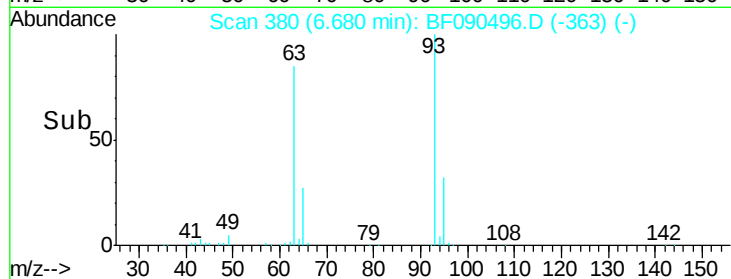
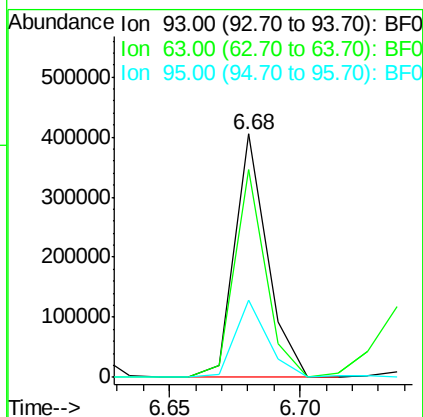
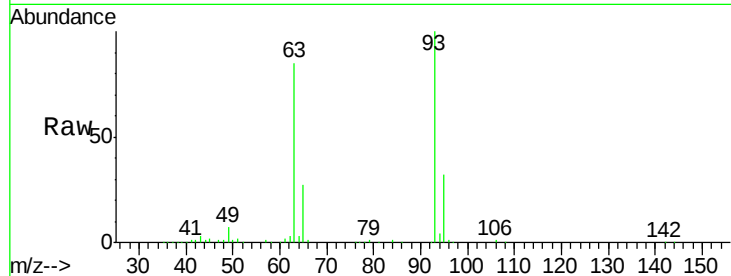




#11
bis(2-Chloroethyl)ether
Concen: 21.46 ng
RT: 6.68 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

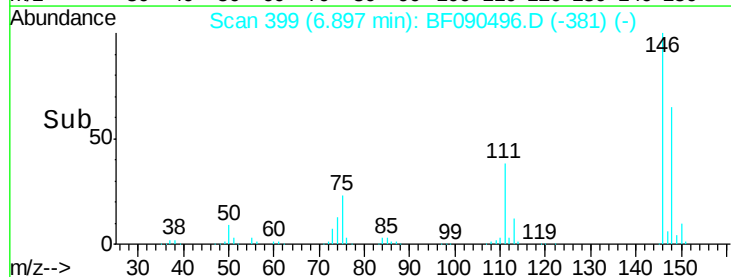
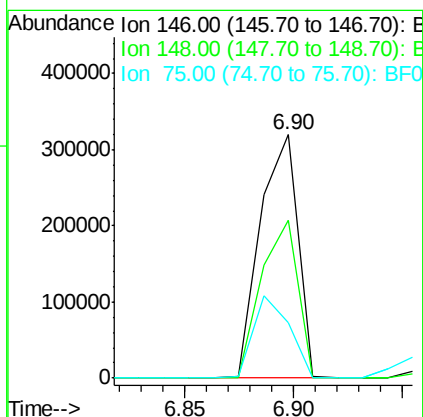
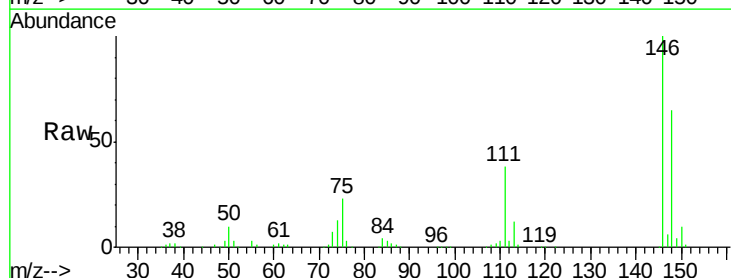
Instrument :
BNA_F
ClientSampleId :

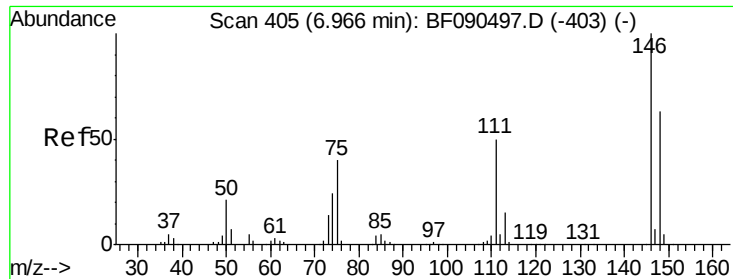
Tot Ion: 93 Resp: 352721
Ion Ratio Lower Upper
93 100
63 85.5 59.7 99.7
95 31.9 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 25.04 ng
RT: 6.90 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Tgt Ion: 146 Resp: 387302
Ion Ratio Lower Upper
146 100
148 64.7 52.2 78.4
75 23.0 21.4 32.2

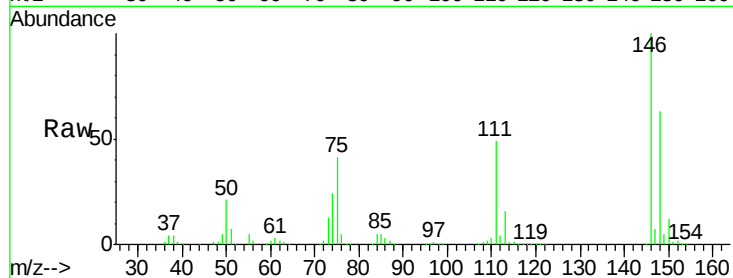




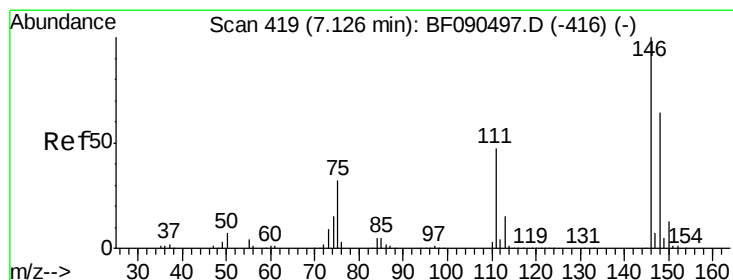
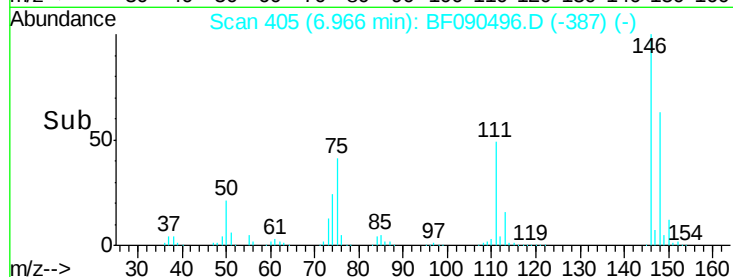
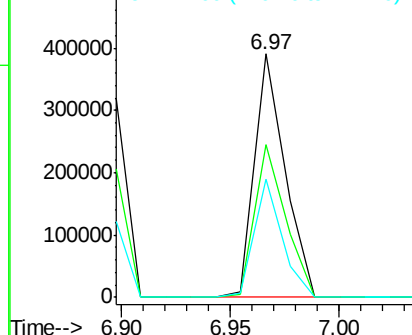
#13
 1,4-Dichlorobenzene
 Concen: 24.15 ng
 RT: 6.97 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 379345
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.1 76.7
 111 48.6 37.8 56.6

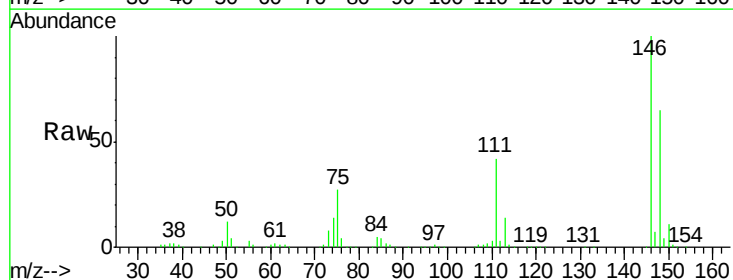


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

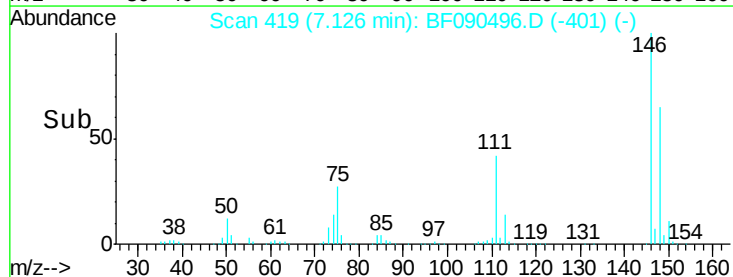
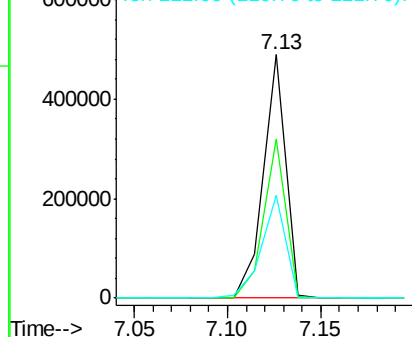


#14
 1,2-Dichlorobenzene
 Concen: 26.43 ng
 RT: 7.13 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Tgt Ion:146 Resp: 400013
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.3 78.5
 111 42.3 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 26.26 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :
BNA_F
ClientSampled :

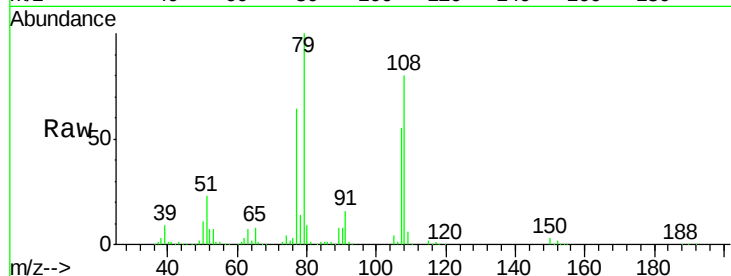
Tot Ion: 79 Resp: 368541

Ion Ratio Lower Upper

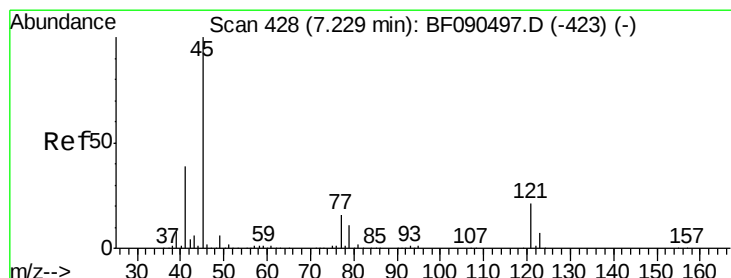
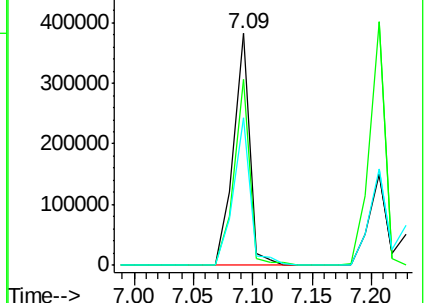
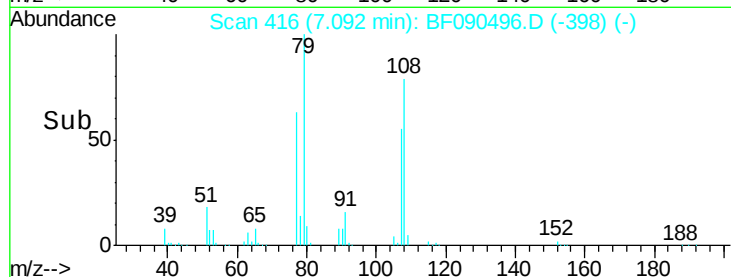
79 100

108 80.0 60.9 91.3

77 63.7 51.5 77.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 18.56 ng

RT: 7.23 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

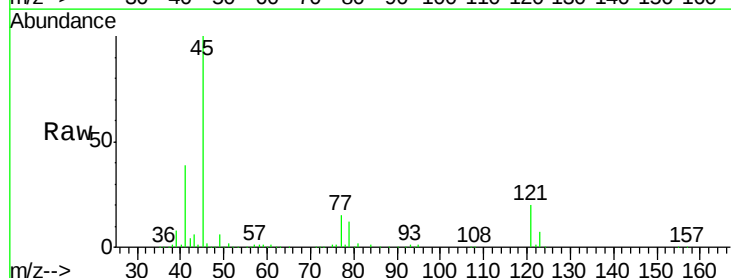
Tgt Ion: 45 Resp: 517450

Ion Ratio Lower Upper

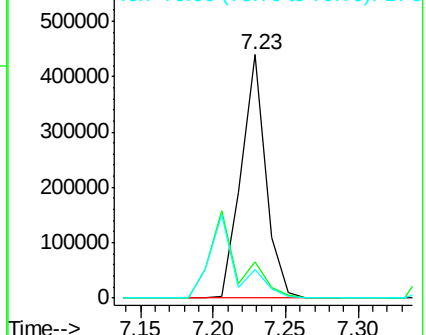
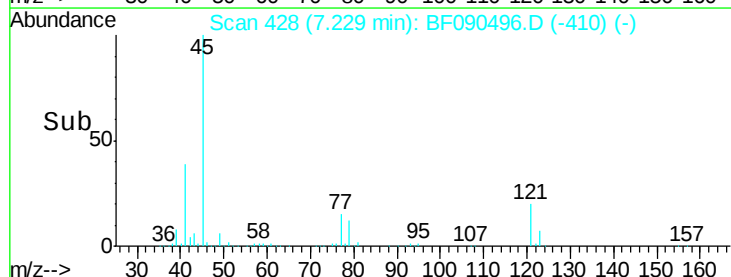
45 100

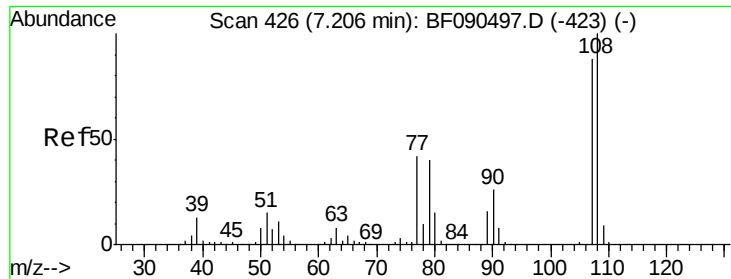
77 14.8 0.0 30.8

79 11.7 0.0 28.2



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

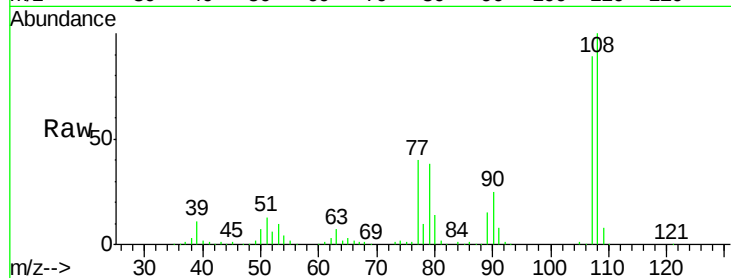




#17
2-Methylphenol
Concen: 25.23 ng
RT: 7.21 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.9	136.3
77	44.4	38.2	57.4
79	42.2	37.0	55.4



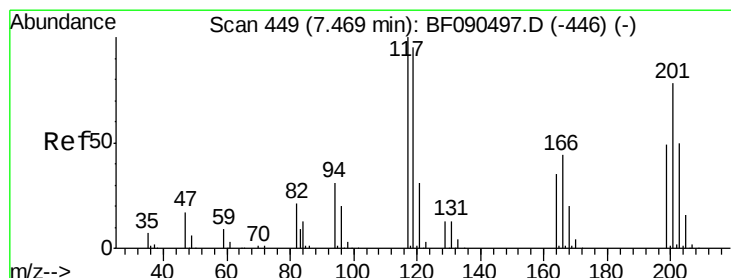
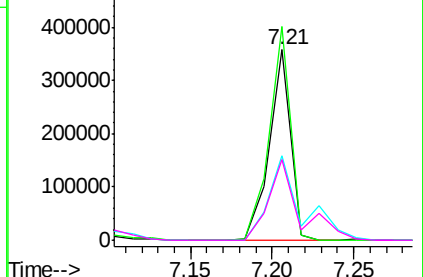
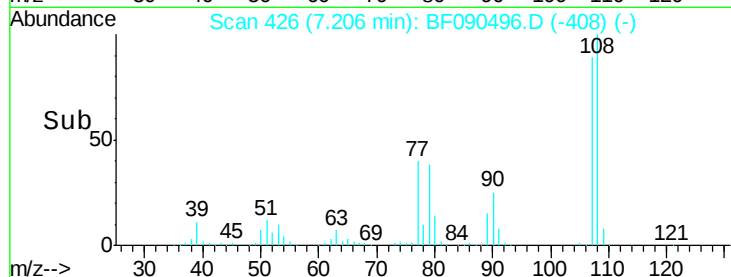
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

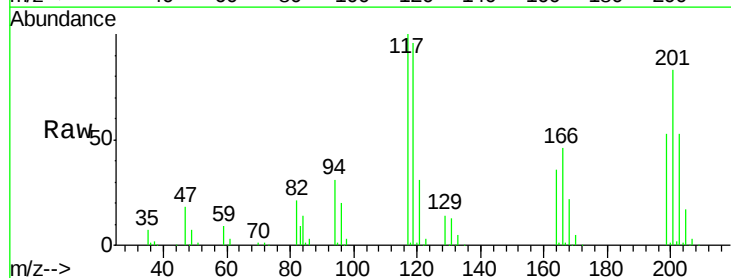
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 24.56 ng
RT: 7.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.9	113.9
201	83.1	66.5	99.7

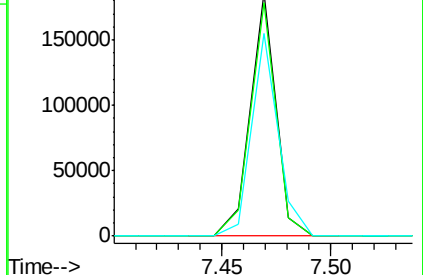
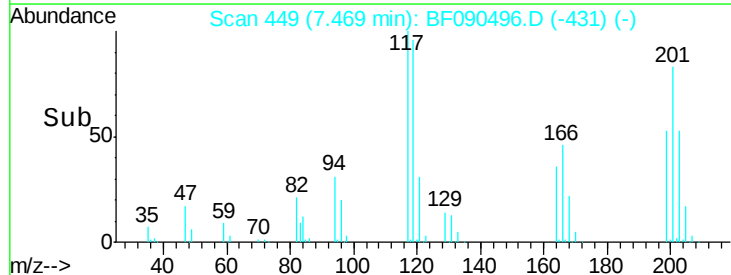


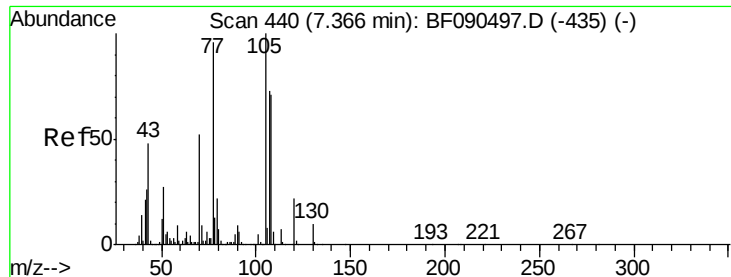
Abundance

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

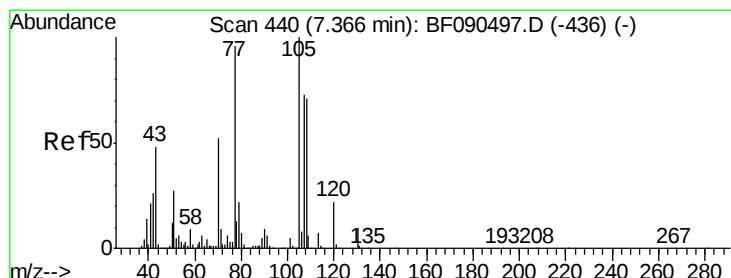
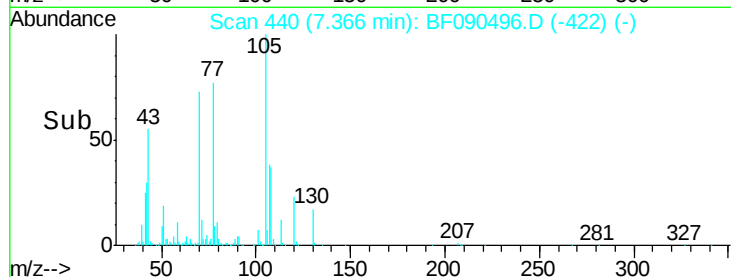
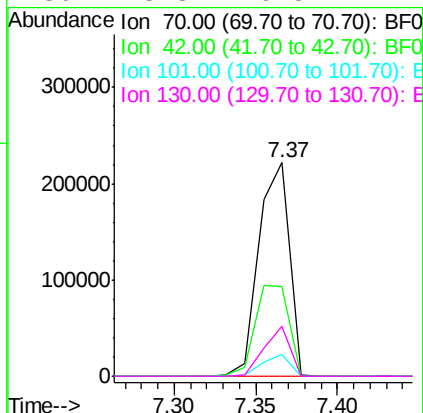
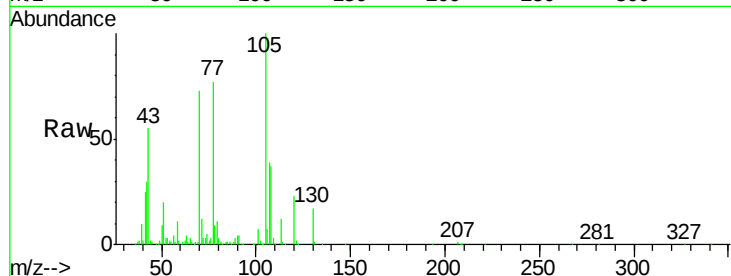




#19
n-Nitroso-di-n-propylamine
Concen: 21.32 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

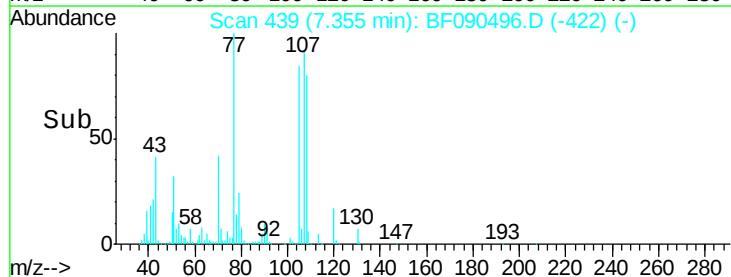
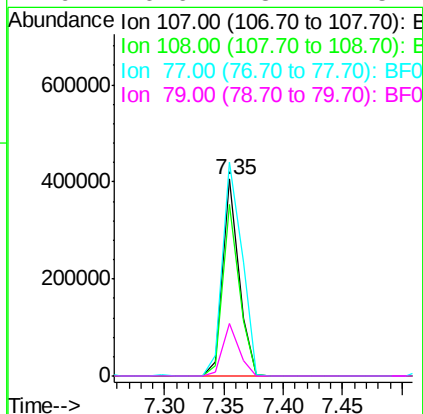
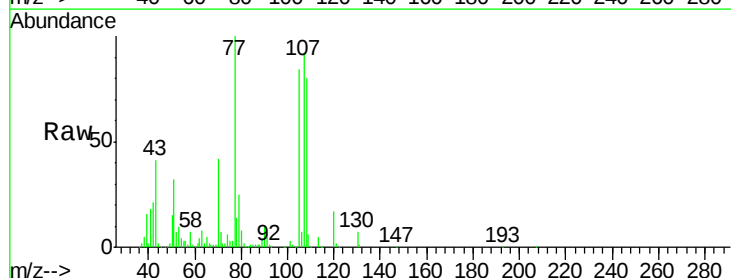
Instrument :
BNA_F
ClientSampleId :

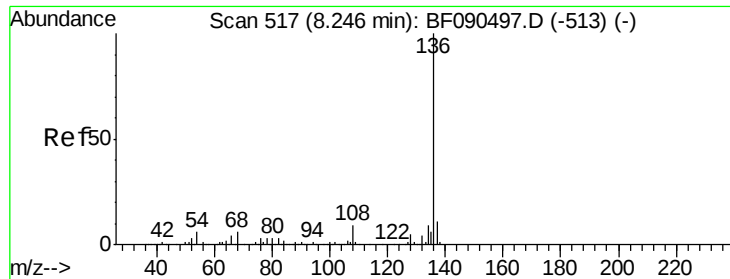
Tot Ion: 70 Resp: 288601
Ion Ratio Lower Upper
70 100
42 41.9 55.4 83.2#
101 10.1 7.6 11.4
130 23.3 16.5 24.7



#20
3+4-Methylphenols
Concen: 23.09 ng
RT: 7.35 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Tgt Ion:107 Resp: 381330
Ion Ratio Lower Upper
107 100
108 87.3 66.7 106.7
77 108.5 53.7 93.7#
79 26.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 809068

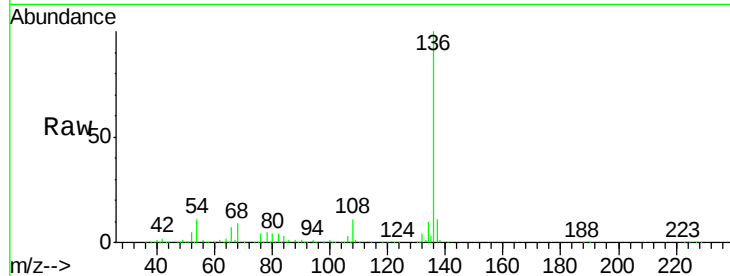
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 11.0 6.6 10.0#

68 9.3 5.0 7.6#

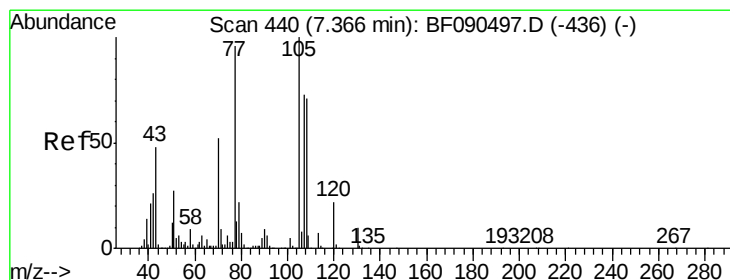
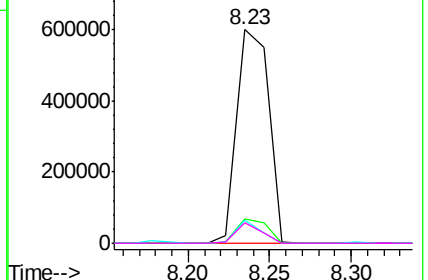
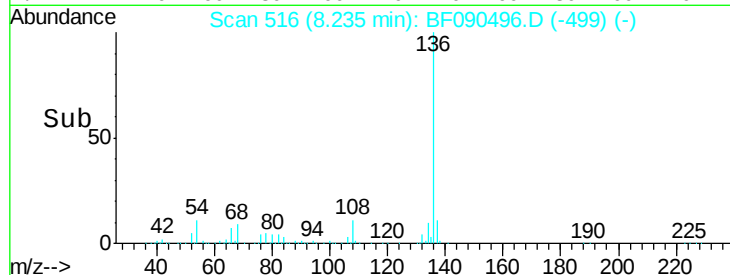


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.32 ng

RT: 7.35 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Tgt Ion:105 Resp: 485248

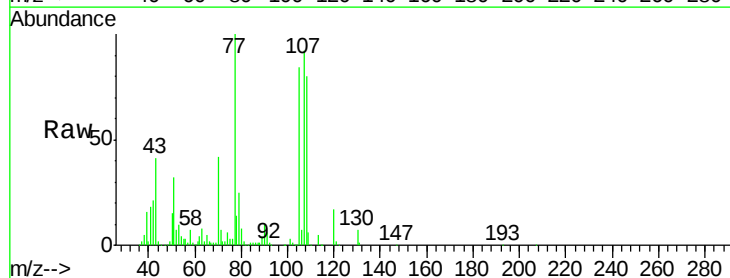
Ion Ratio Lower Upper

105 100

71 8.3 3.8 5.6#

51 38.2 28.2 42.4

120 20.2 17.4 26.2

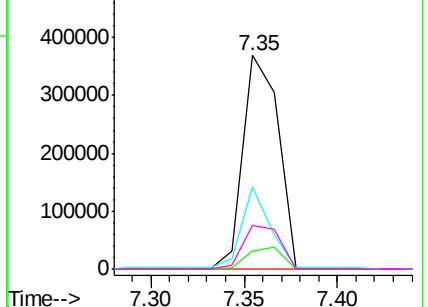
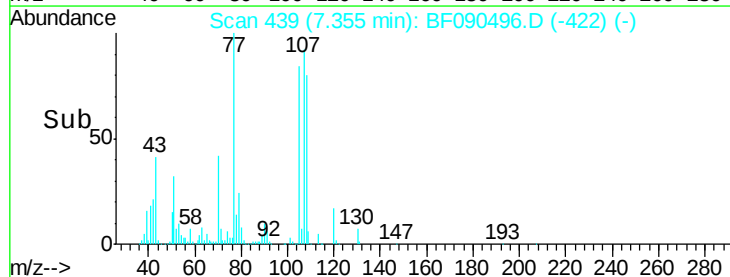


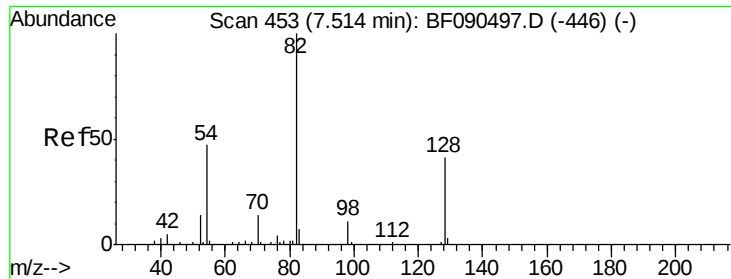
Abundance Ion 105.00 (104.70 to 105.70): E

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

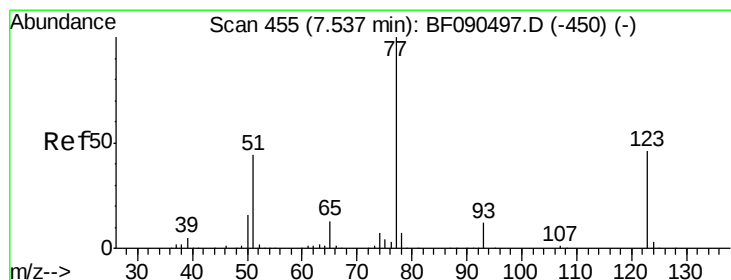
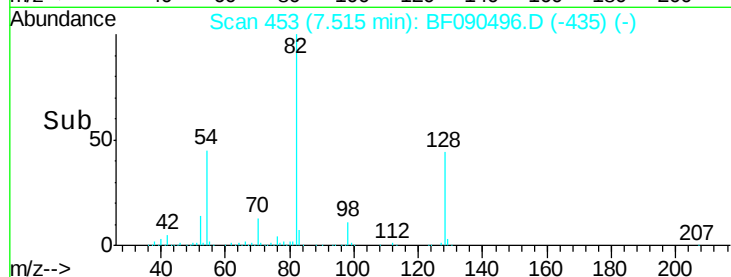
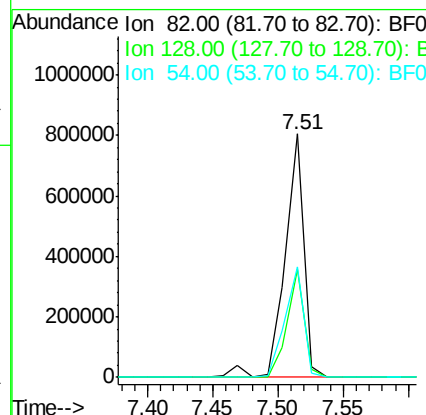
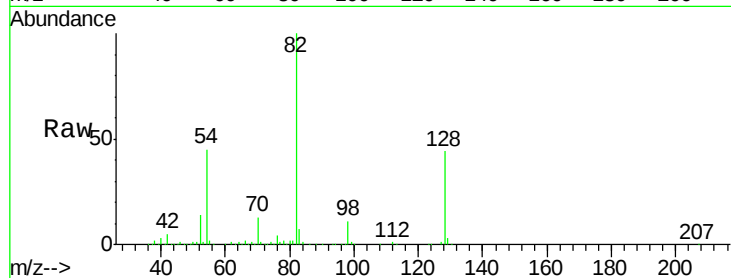




#23
 Nitrobenzene-d5
 Concen: 49.21 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

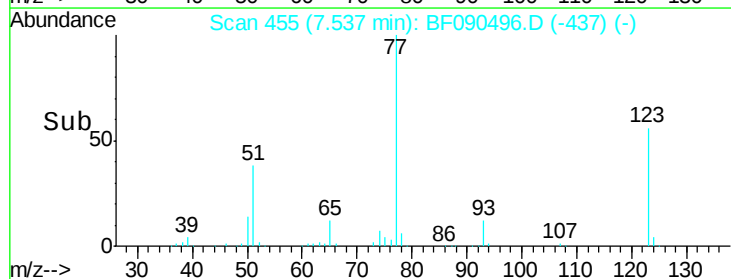
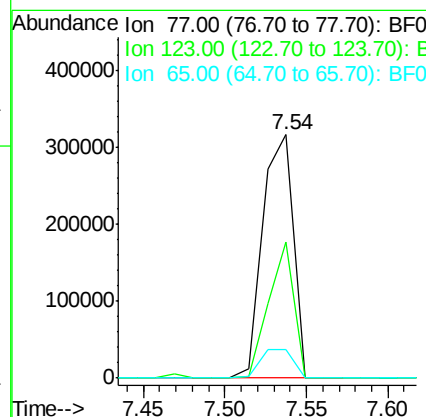
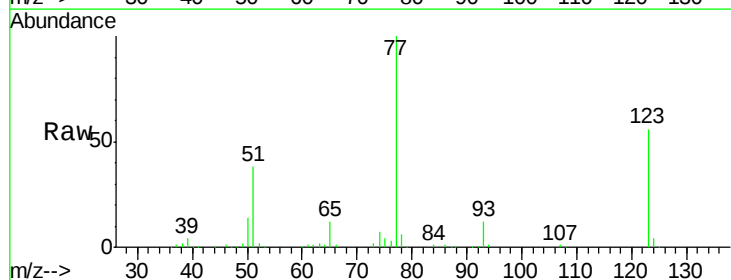
Instrument :
 BNA_F
 ClientSampleId :

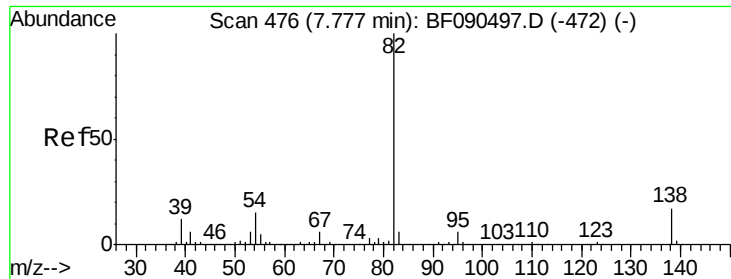
Tot Ion	82	Resp	818449
Ion Ratio	Lower	Upper	
82	100		
128	44.3	40.0	60.0
54	45.2	42.6	64.0



#24
 Nitrobenzene
 Concen: 24.99 ng
 RT: 7.54 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Tgt Ion	77	Resp	412720
Ion Ratio	Lower	Upper	
77	100		
123	55.9	33.0	49.4#
65	11.7	12.0	18.0#





#25

Isophorone

Concen: 24.10 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampleId :

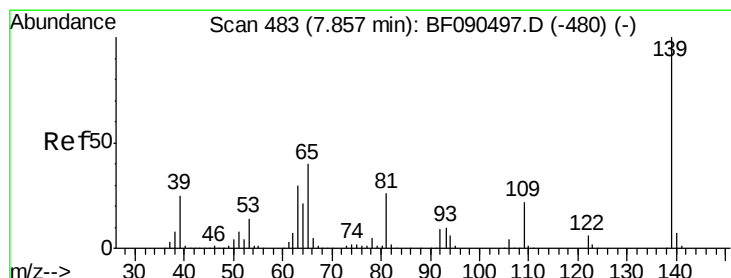
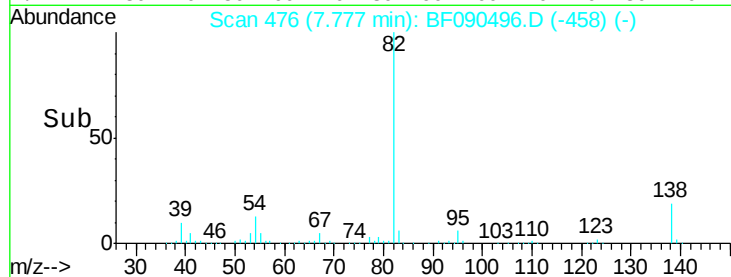
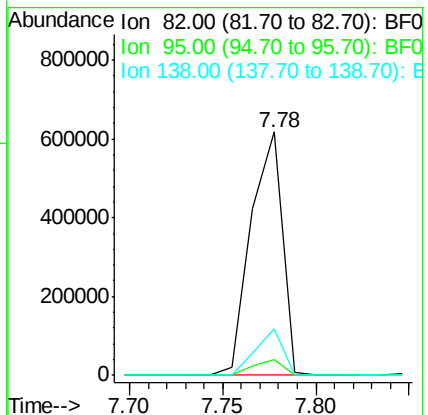
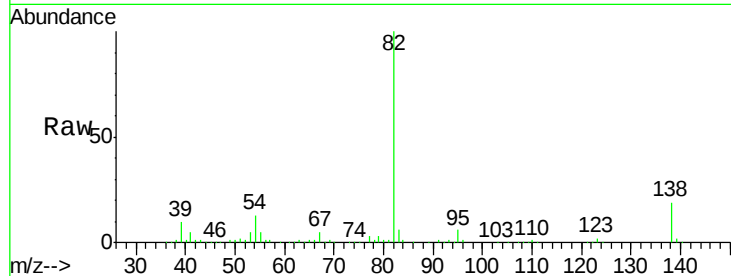
Tot Ion: 82 Resp: 732742

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 19.2 13.0 19.4



#26

2-Nitrophenol

Concen: 26.23 ng

RT: 7.85 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

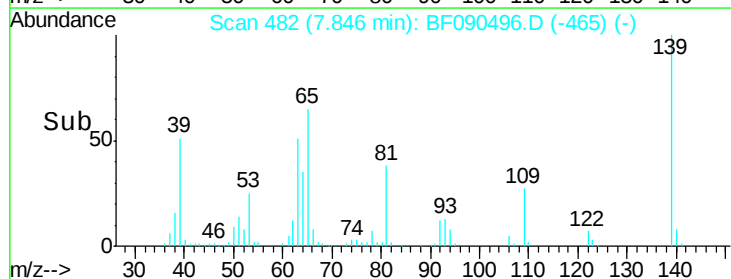
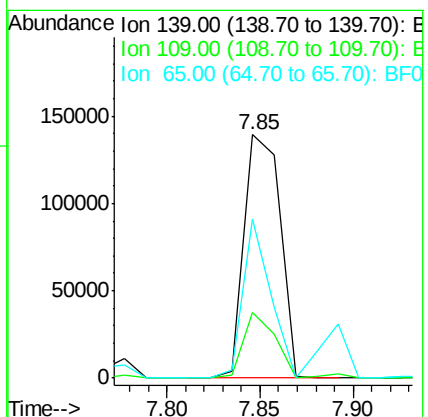
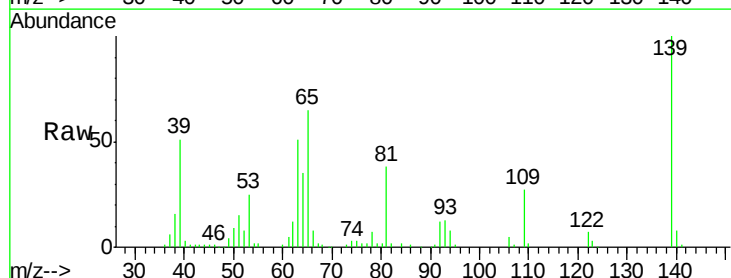
Tgt Ion: 139 Resp: 186438

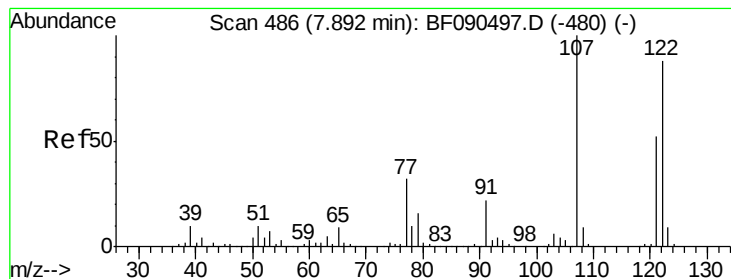
Ion Ratio Lower Upper

139 100

109 26.7 18.9 28.3

65 65.3 31.6 47.4#

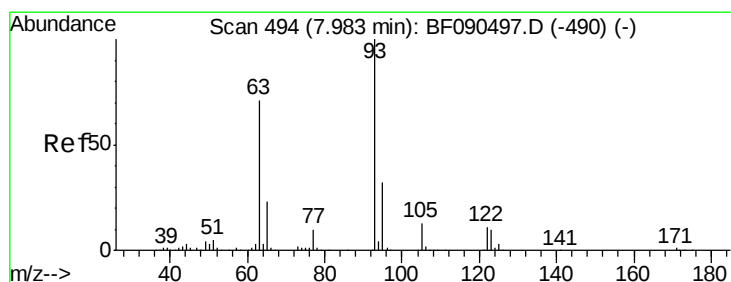
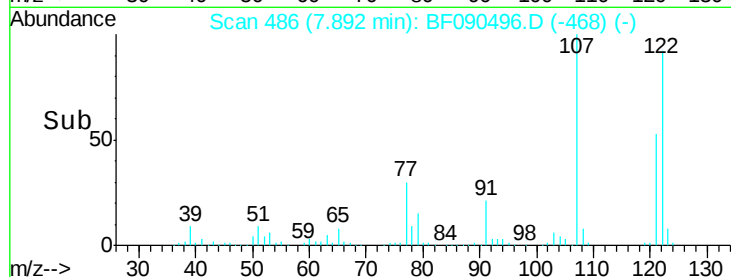
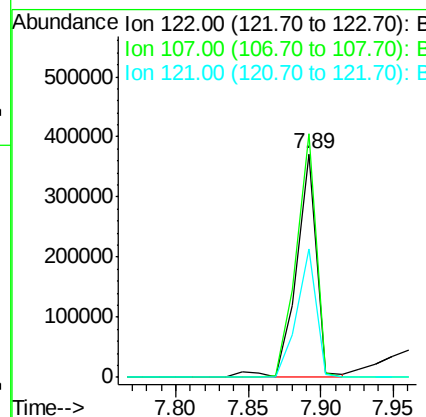
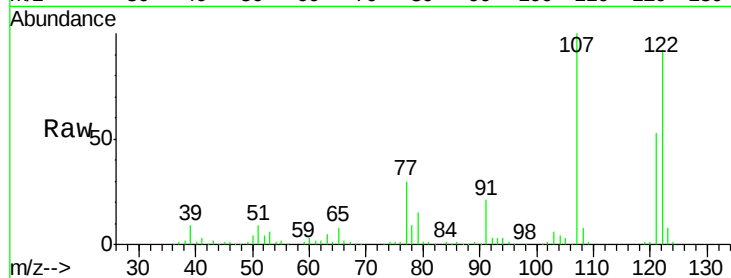




#27
 2,4-Dimethylphenol
 Concen: 26.03 ng
 RT: 7.89 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

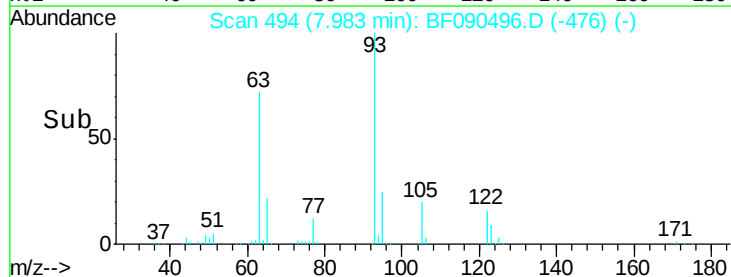
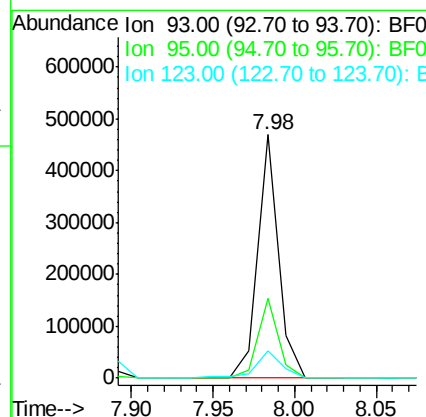
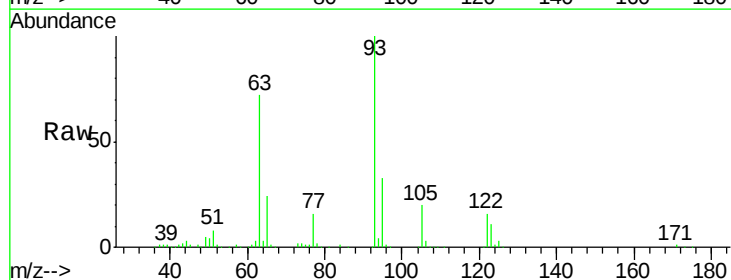
Instrument :
 BNA_F
 ClientSampleId :

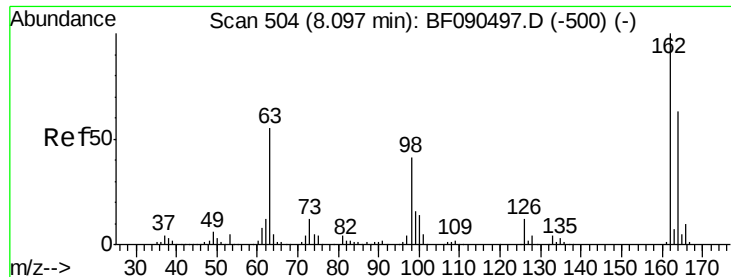
Tot Ion:122 Resp: 359727
 Ion Ratio Lower Upper
 122 100
 107 108.8 88.6 132.8
 121 57.5 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 23.12 ng
 RT: 7.98 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Tgt Ion: 93 Resp: 415876
 Ion Ratio Lower Upper
 93 100
 95 32.7 27.0 40.4
 123 11.2 11.1 16.7

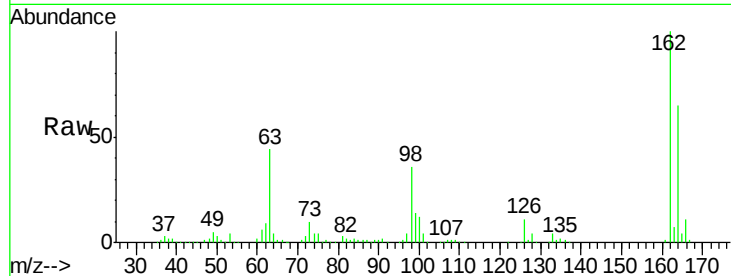




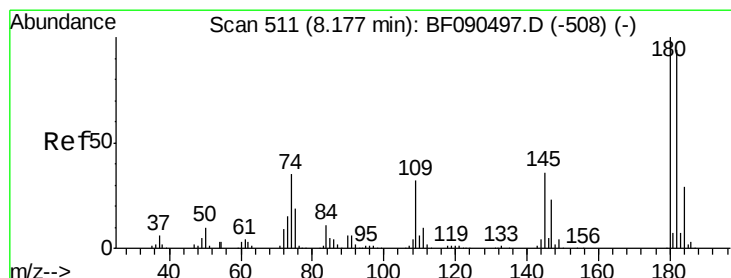
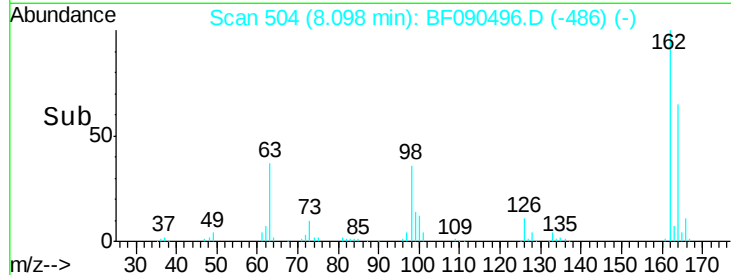
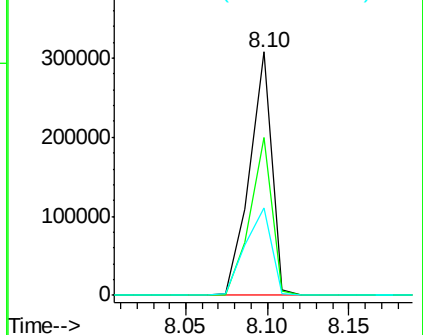
#29
 2,4-Dichlorophenol
 Concen: 27.78 ng
 RT: 8.10 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.7	85.7
98	36.1	13.3	53.3

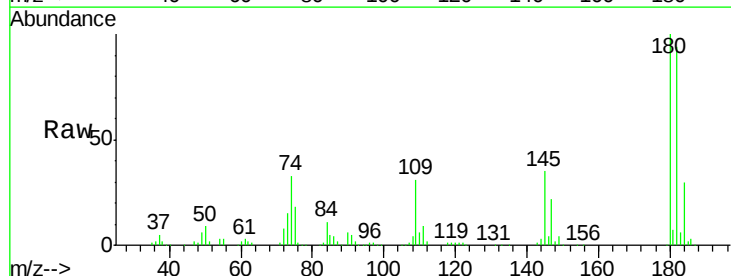


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

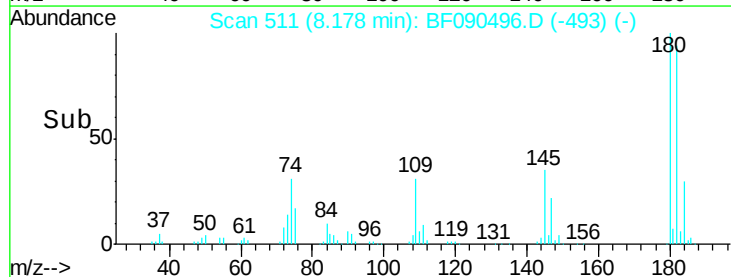
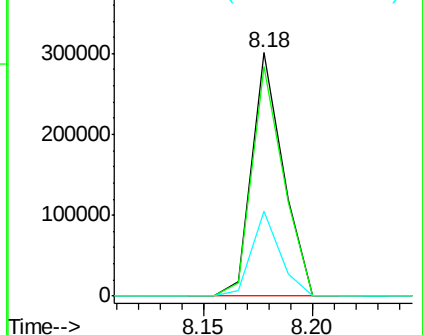


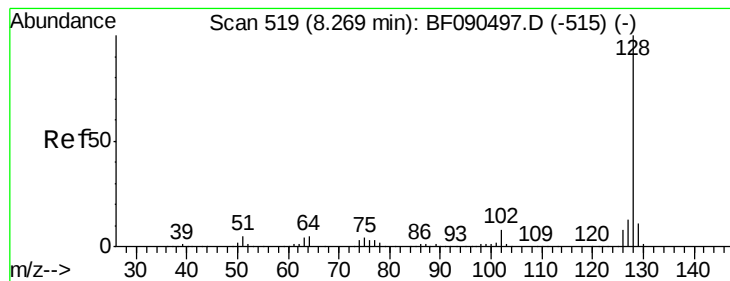
#30
 1,2,4-Trichlorobenzene
 Concen: 27.75 ng
 RT: 8.18 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.3	112.9
145	35.1	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: 26.19 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampleId :

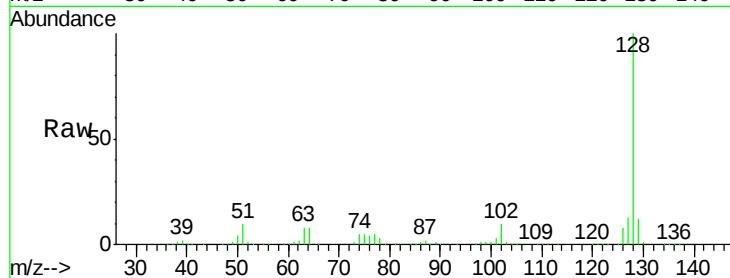
Tot Ion:128 Resp: 1022311

Ion Ratio Lower Upper

128 100

129 11.5 9.7 14.5

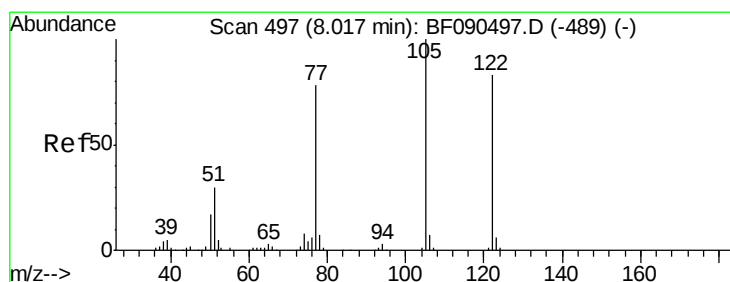
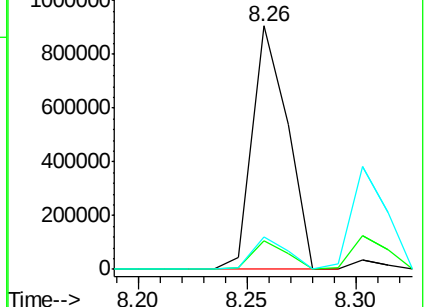
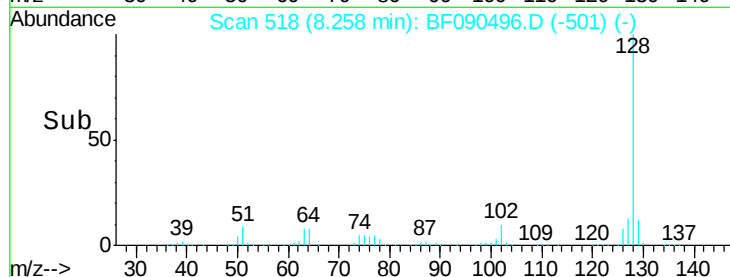
127 13.4 11.7 17.5



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: 27.34 ng

RT: 7.99 min Scan# 495

Delta R.T. -0.02 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

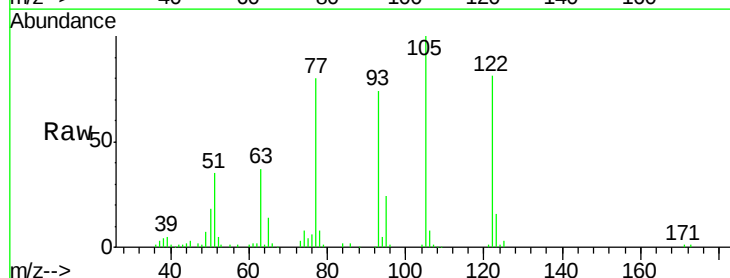
Tgt Ion:122 Resp: 262707

Ion Ratio Lower Upper

122 100

105 123.0 103.9 143.9

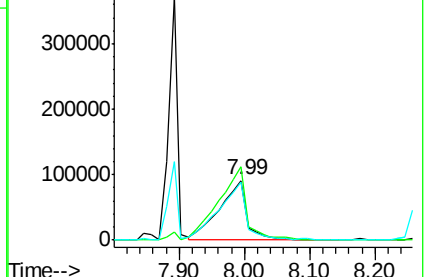
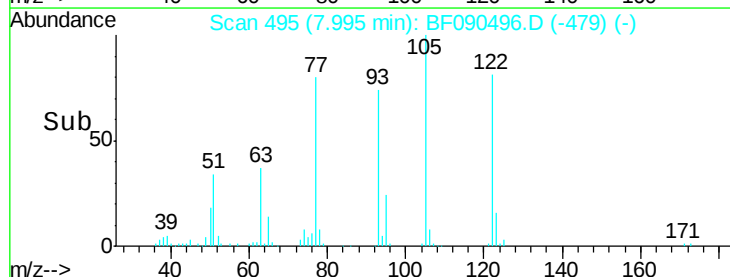
77 98.1 74.6 114.6



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

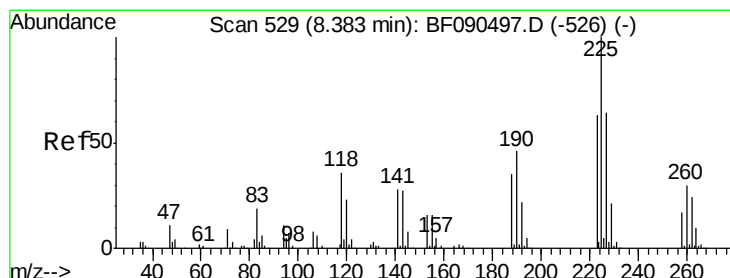
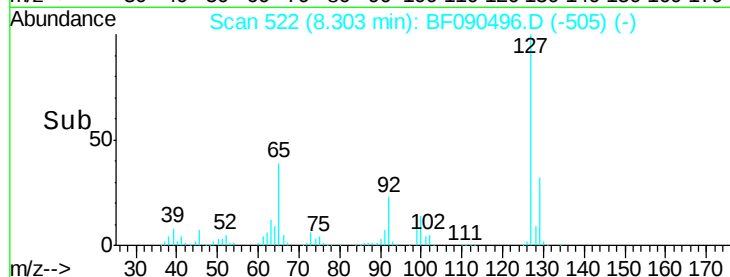
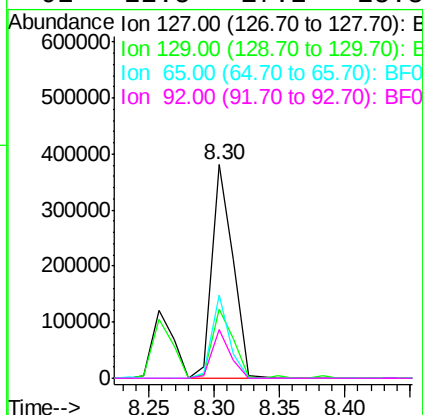
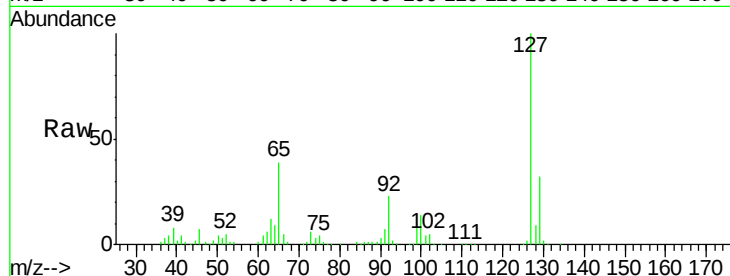




#33
4-Chloroaniline
Concen: 26.37 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

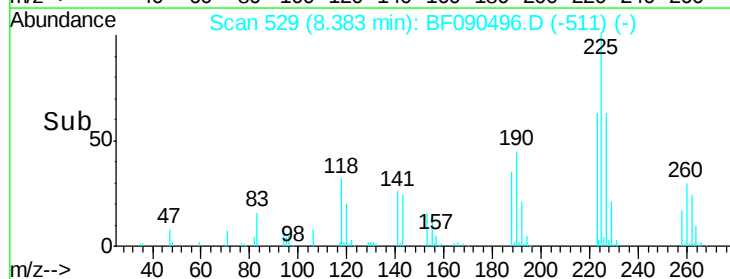
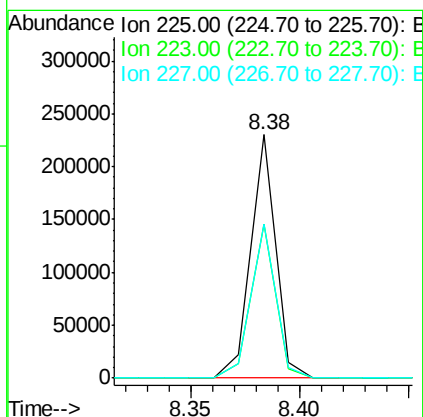
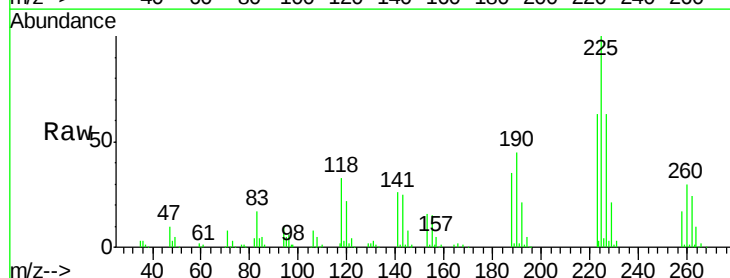
Instrument :
BNA_F
ClientSampled :

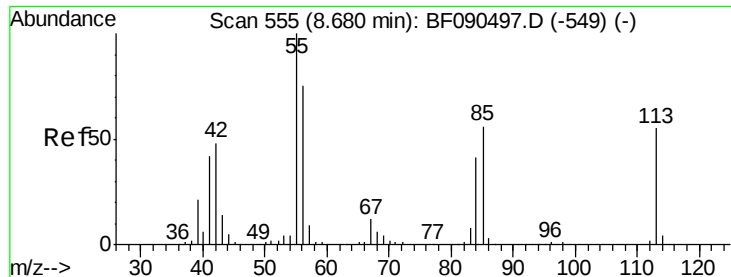
Tot Ion:	127	Resp:	425490
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	38.9	32.5	48.7
92	22.5	17.2	25.8



#34
Hexachlorobutadiene
Concen: 30.26 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Tgt Ion:	225	Resp:	183081
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.4
227	63.2	50.8	76.2





#35

Caprolactam

Concen: 25.29 ng

RT: 8.66 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampleId :

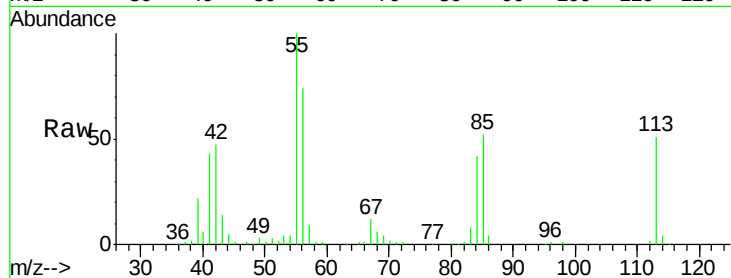
Tot Ion:113 Resp: 89356

Ion Ratio Lower Upper

113 100

55 196.0 203.3 243.3#

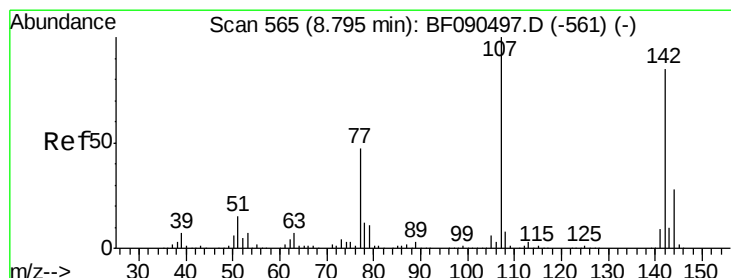
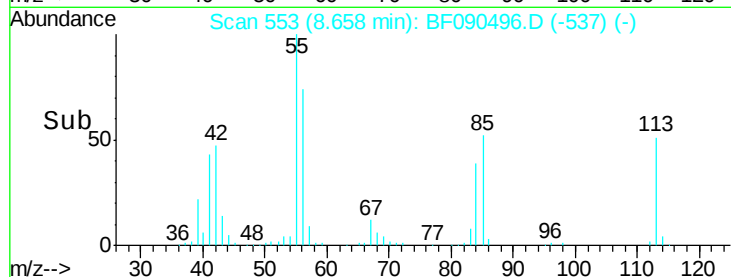
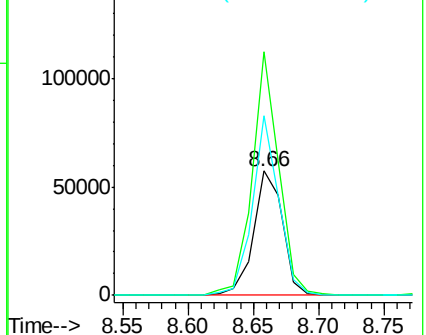
56 145.0 140.5 180.5



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: 22.74 ng

RT: 8.78 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

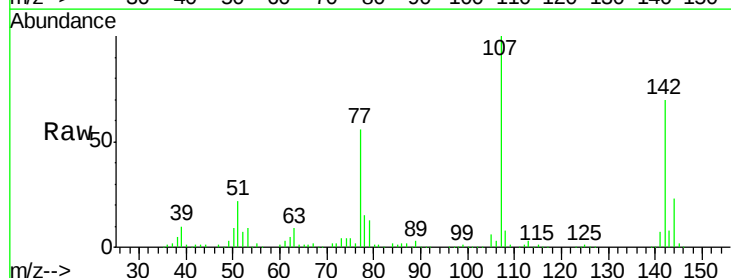
Tgt Ion:107 Resp: 299256

Ion Ratio Lower Upper

107 100

144 22.5 19.8 29.8

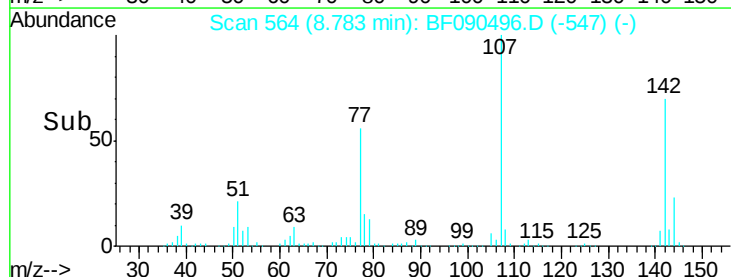
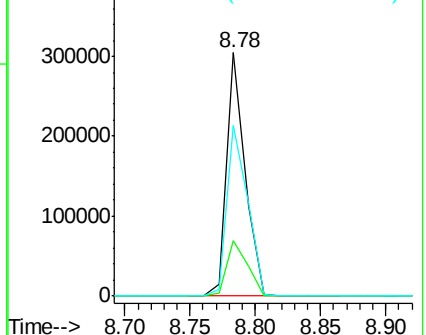
142 70.1 60.7 91.1

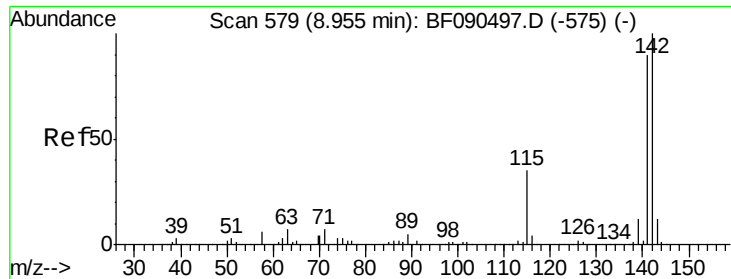


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

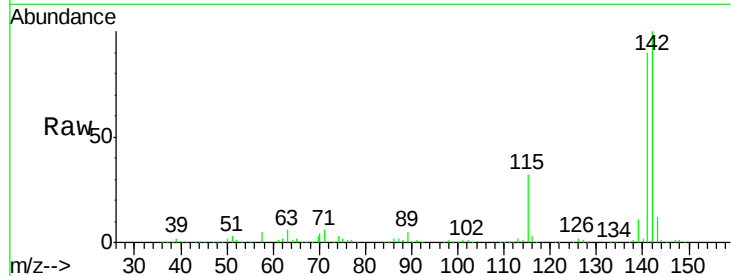




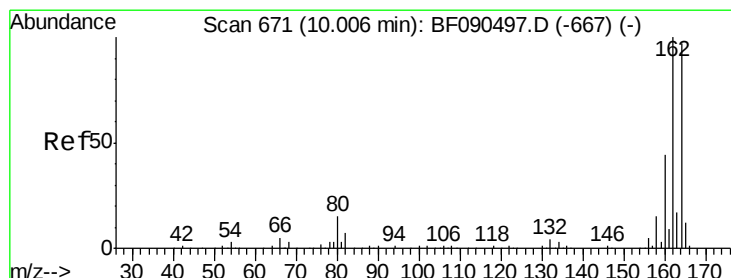
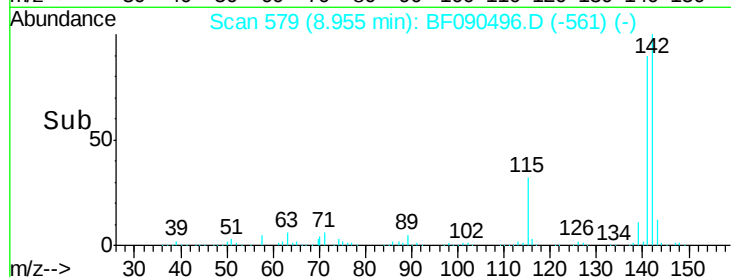
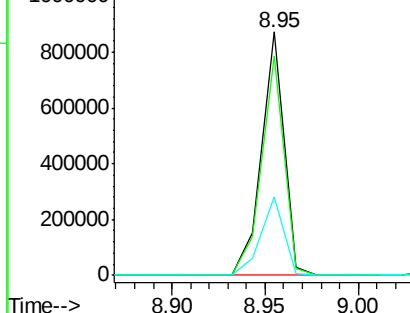
#37
2-Methylnaphthalene
Concen: 30.68 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.8	107.8
115	32.3	28.8	43.2

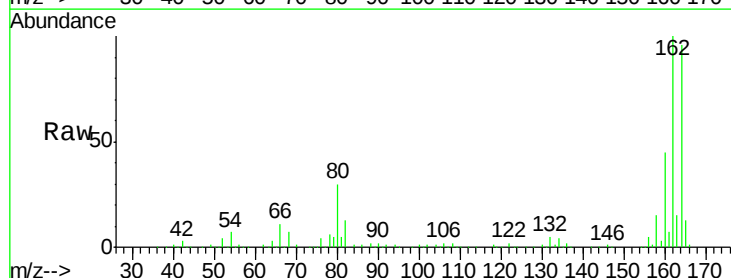


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

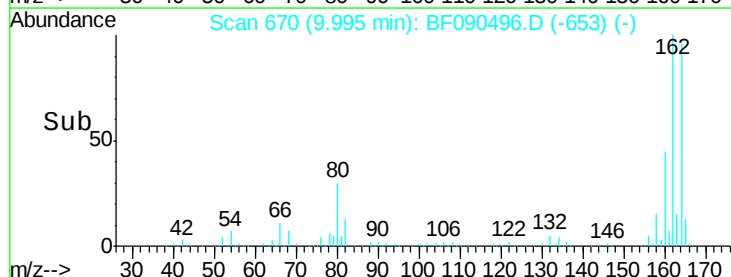
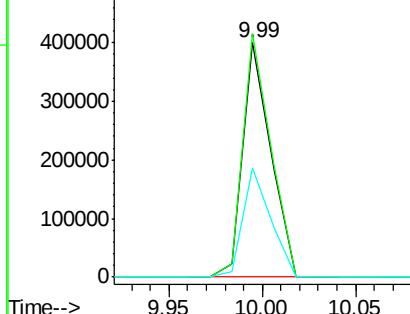


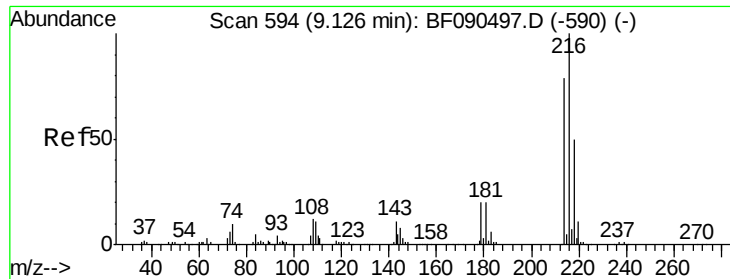
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	80.1	120.1
160	46.6	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

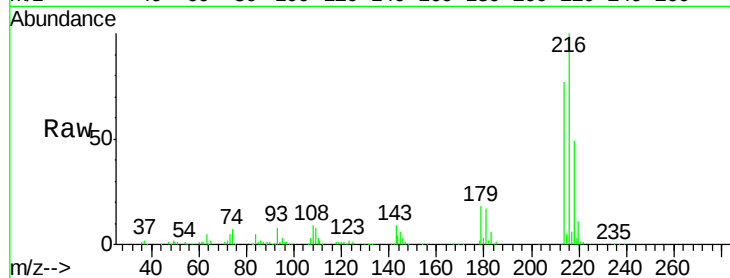




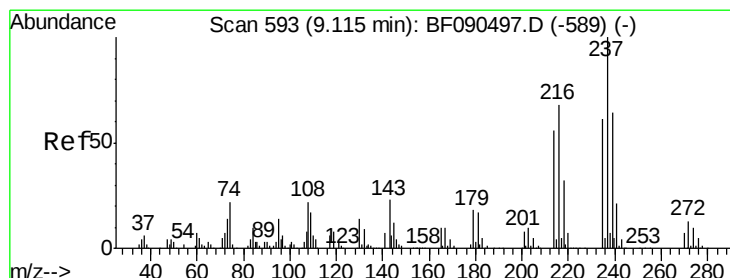
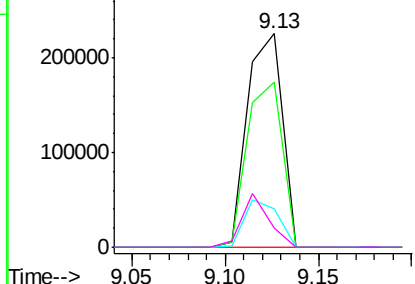
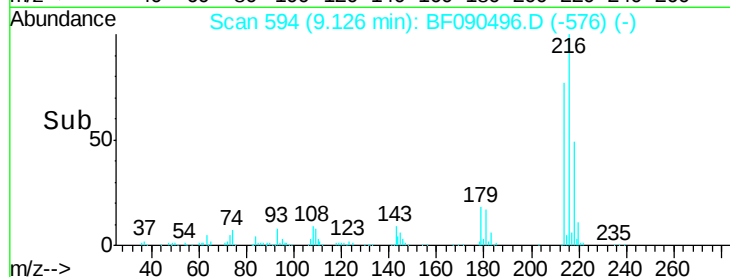
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.81 ng
 RT: 9.13 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	293080
Ion Ratio	Lower	Upper
216	100	
214	77.9	64.2 96.2
179	21.8	18.0 27.0
108	19.8	15.2 22.8

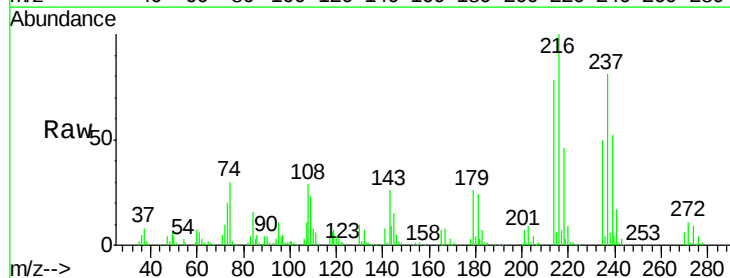


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

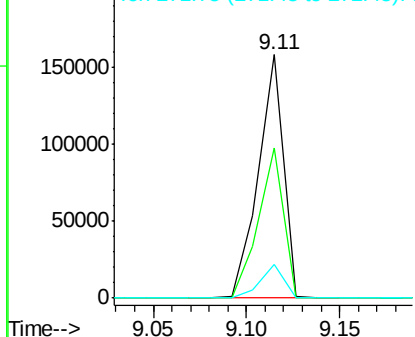
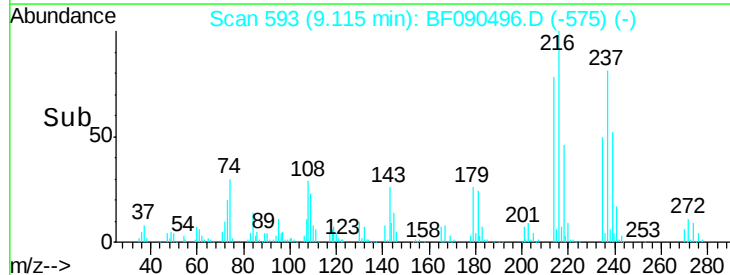


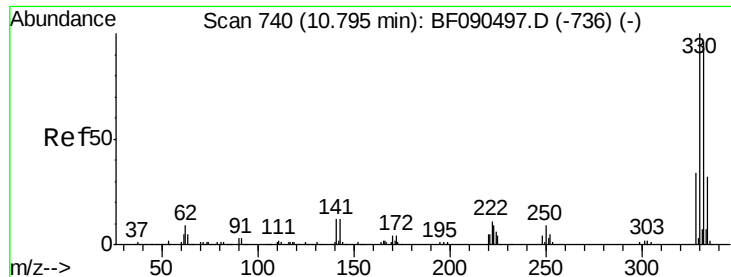
#40
 Hexachlorocyclopentadiene
 Concen: 24.41 ng
 RT: 9.11 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Tgt Ion:237	Resp:	146291
Ion Ratio	Lower	Upper
237	100	
235	61.5	43.6 83.6
272	13.8	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

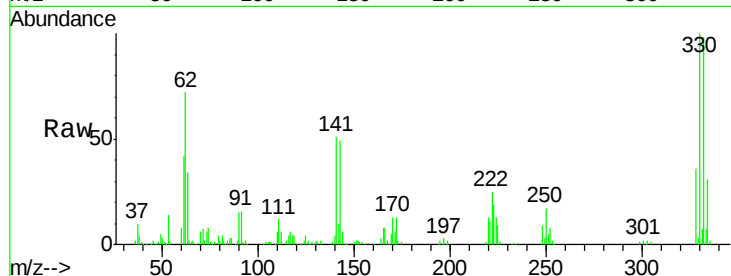




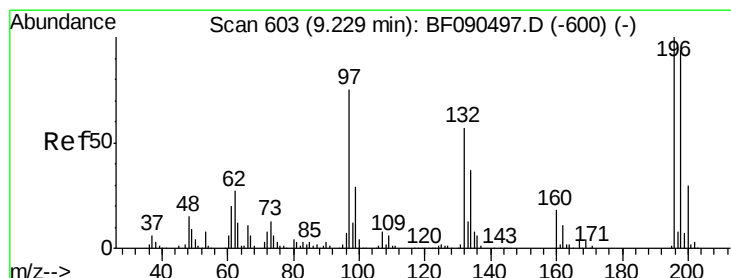
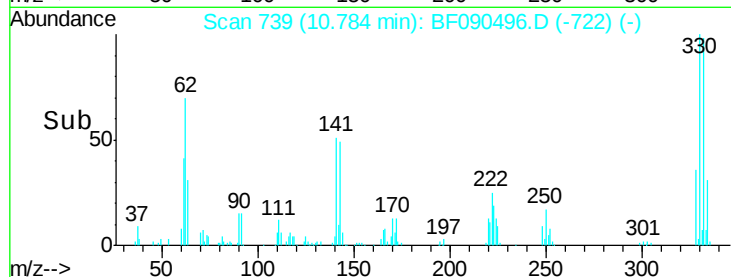
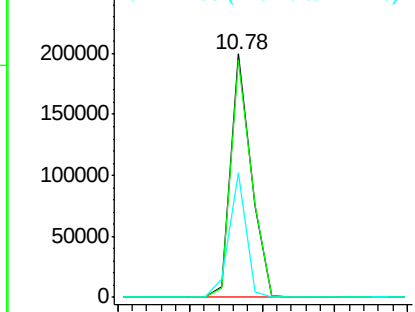
#41
 2,4,6-Tribromophenol
 Concen: 58.09 ng
 RT: 10.78 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 195880
 Ion Ratio Lower Upper
 330 100
 332 98.3 75.4 113.0
 141 42.8 26.9 40.3#

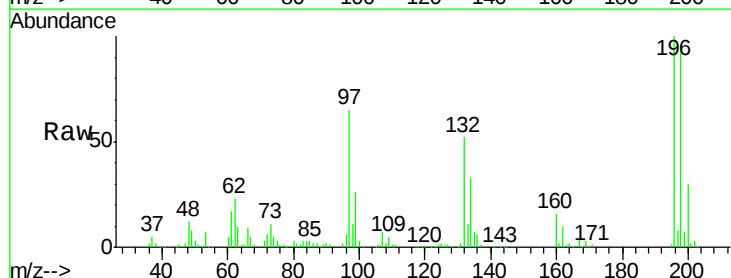


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

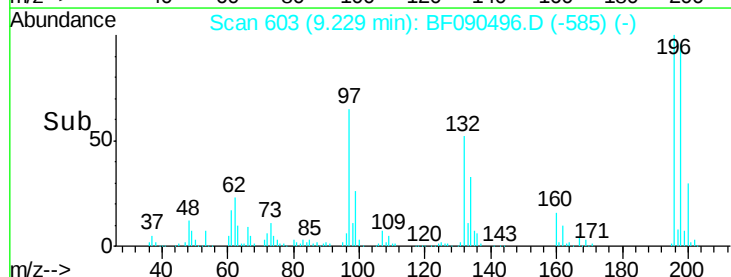
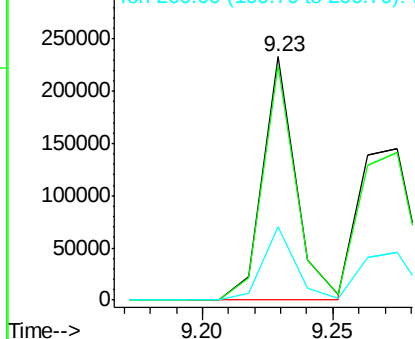


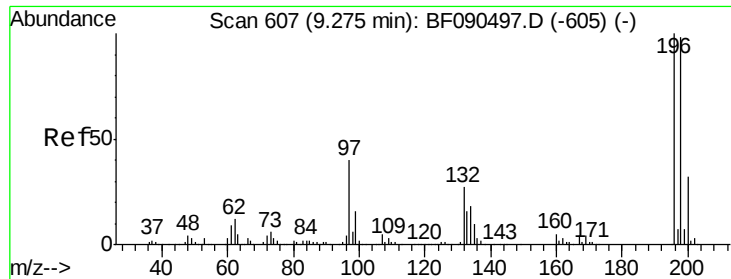
#42
 2,4,6-Trichlorophenol
 Concen: 27.21 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Tgt Ion:196 Resp: 205274
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.9 118.3
 200 30.1 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

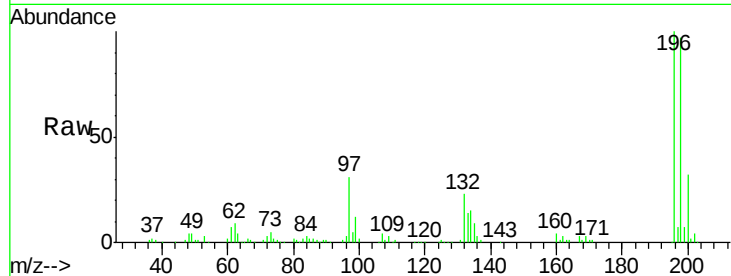




#43
 2,4,5-Trichlorophenol
 Concen: 27.85 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	78.1	117.1
97	31.2	48.1	72.1#
132	22.7	27.4	41.2#



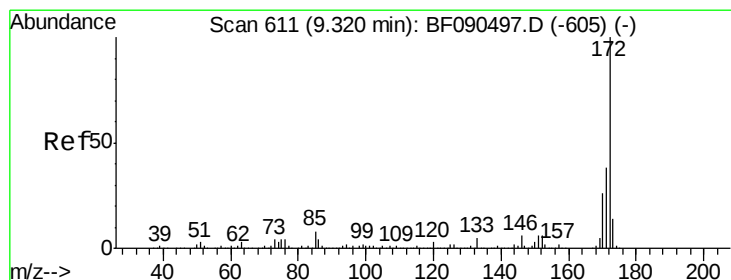
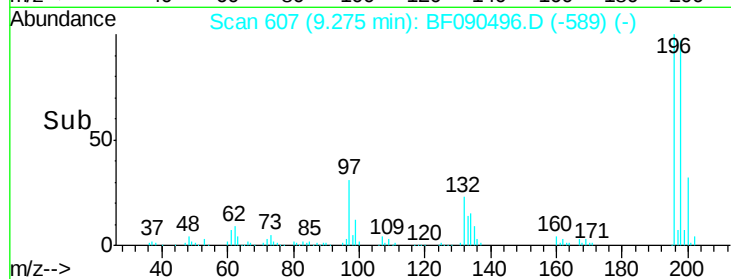
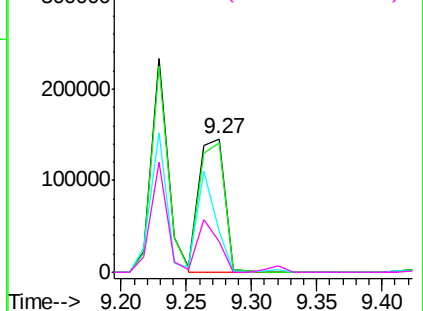
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

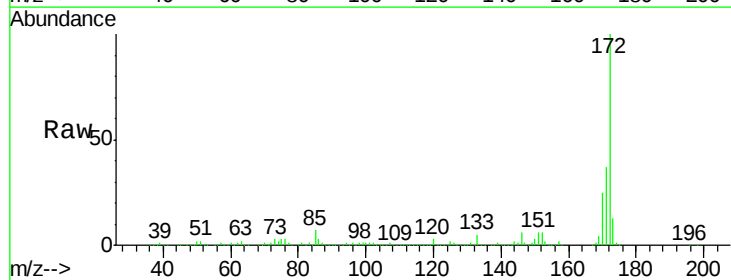
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 59.79 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.8	47.8
170	24.6	21.7	32.5

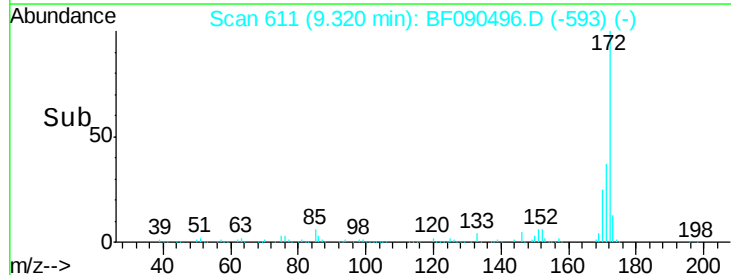
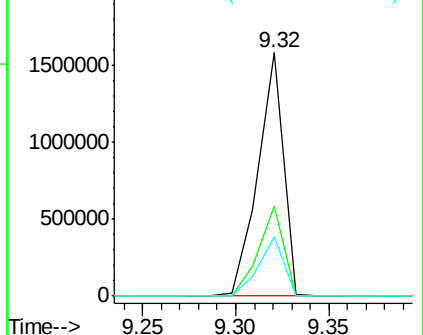


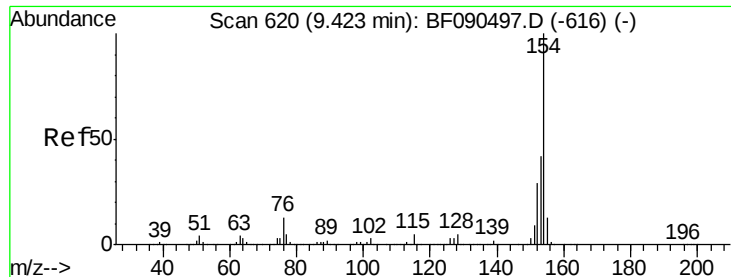
Abundance

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: 27.54 ng

RT: 9.42 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampleId :

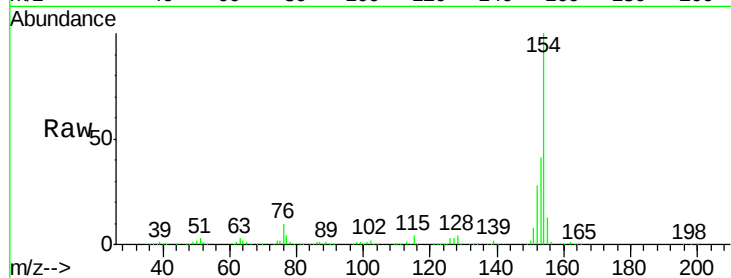
Tot Ion:154 Resp: 846398

Ion Ratio Lower Upper

154 100

153 40.7 23.8 63.8

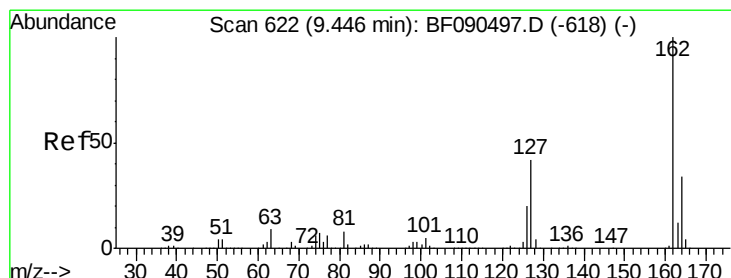
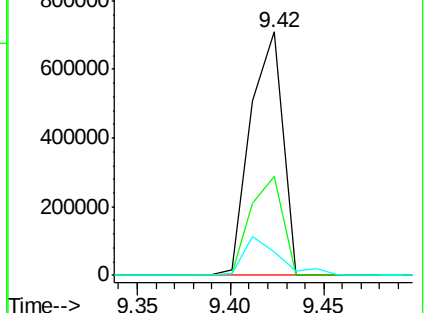
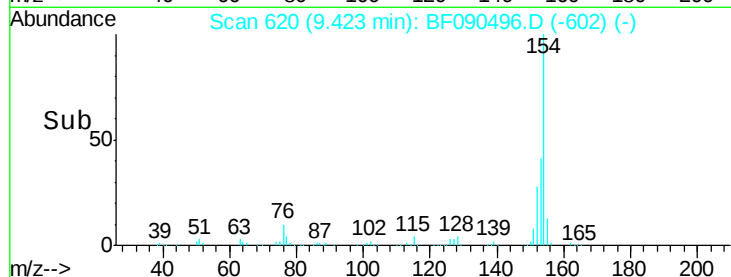
76 9.9 0.0 35.8



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: 29.84 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

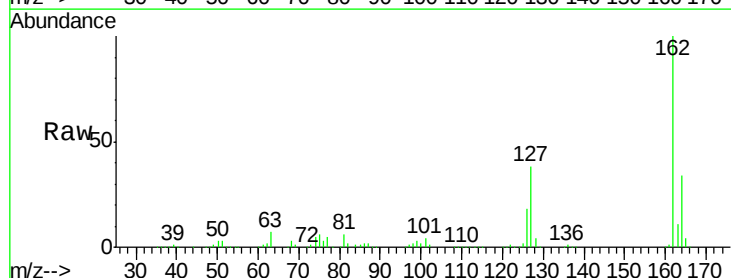
Tgt Ion:162 Resp: 677391

Ion Ratio Lower Upper

162 100

127 37.6 35.6 53.4

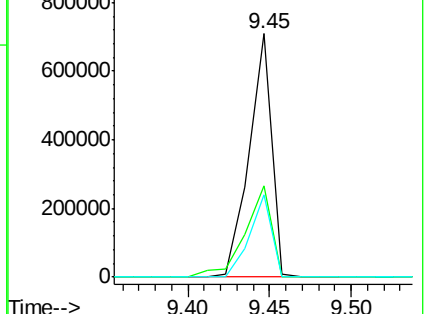
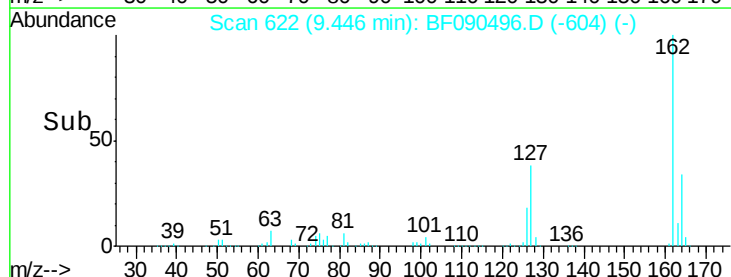
164 33.8 27.5 41.3

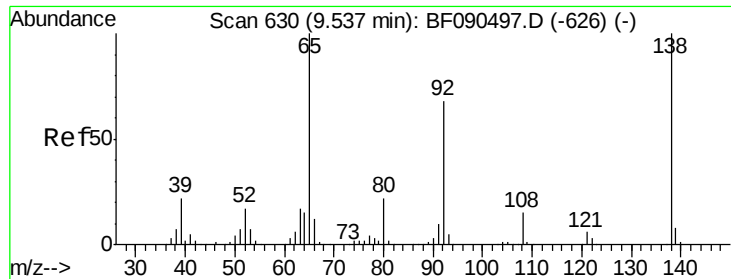


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

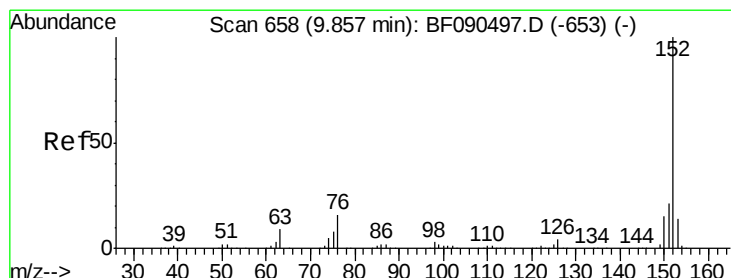
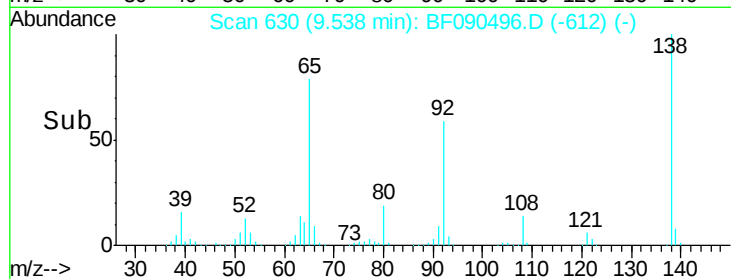
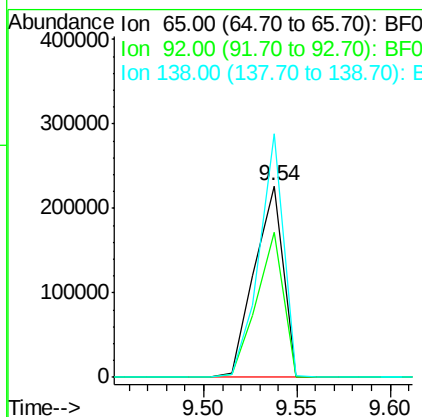
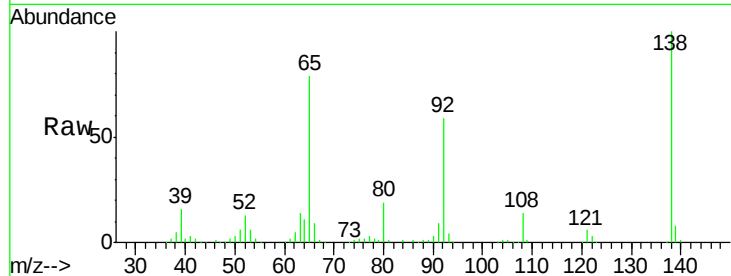




#47
 2-Nitroaniline
 Concen: 27.04 ng
 RT: 9.54 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

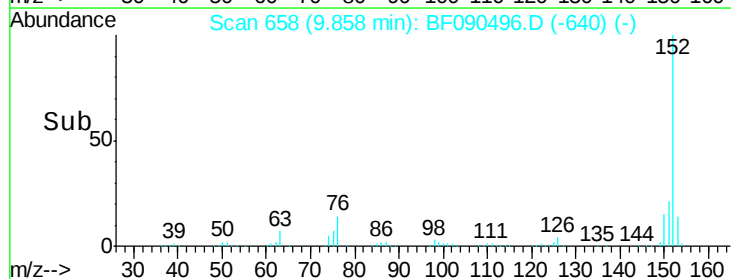
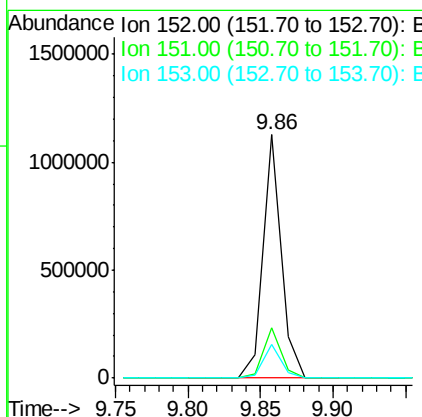
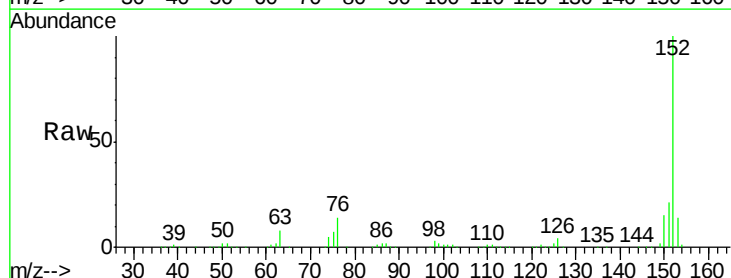
Instrument :
 BNA_F
 ClientSampleId :

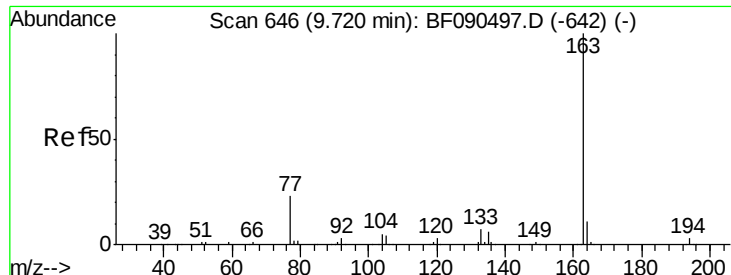
Tot Ion	Ratio	Lower	Upper
65	100		
92	75.6	51.7	77.5
138	127.4	79.0	118.4



#48
 Acenaphthylene
 Concen: 26.32 ng
 RT: 9.86 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.4	26.0
153	13.7	11.6	17.4

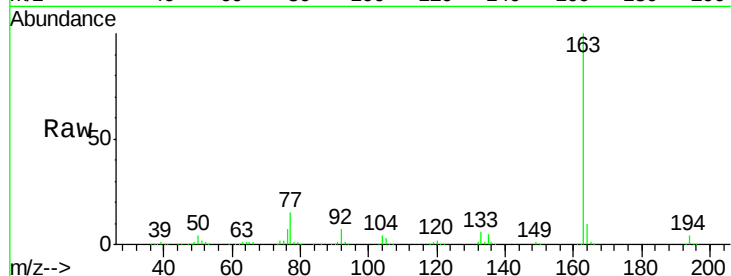




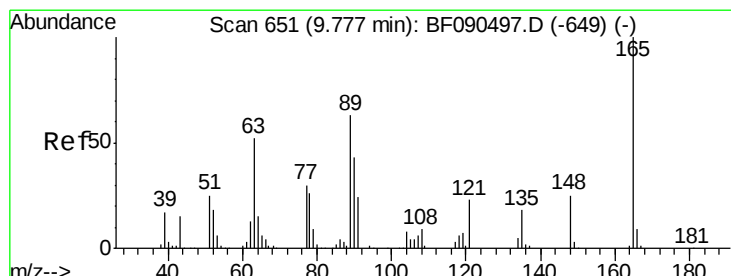
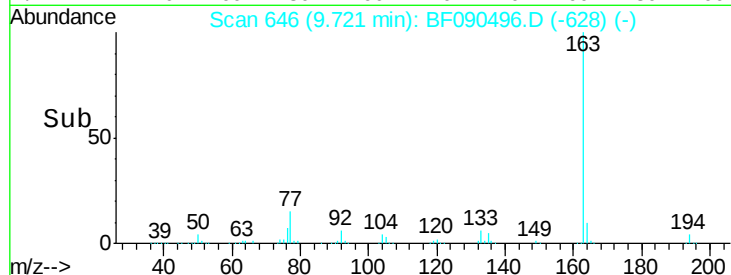
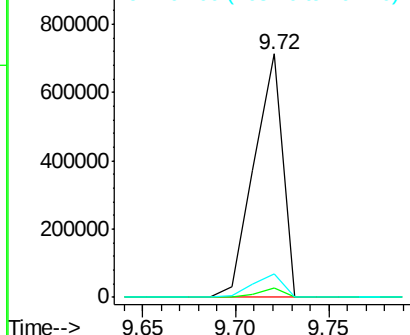
#49
Dimethylphthalate
Concen: 28.85 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 766066
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.9 9.0 13.4

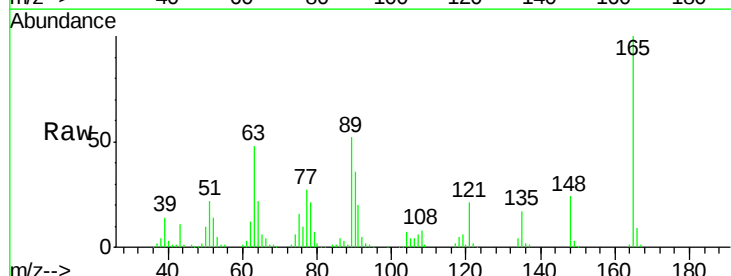


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

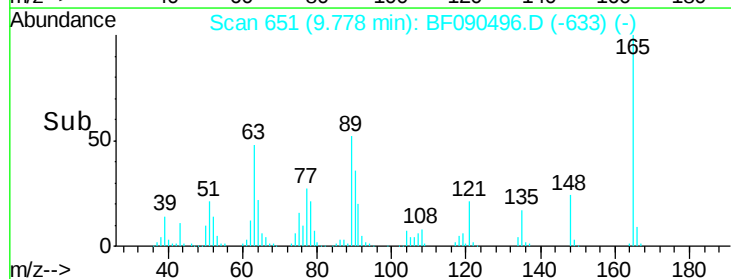
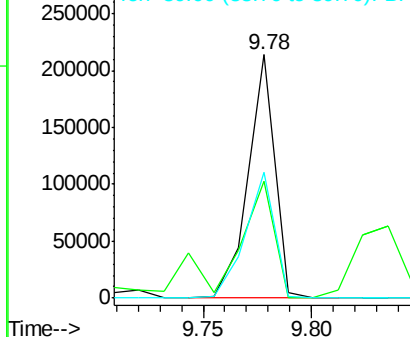


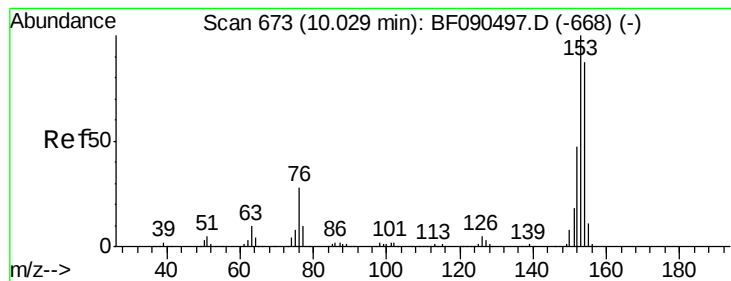
#50
2,6-Dinitrotoluene
Concen: 30.65 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Tgt Ion:165 Resp: 180744
Ion Ratio Lower Upper
165 100
63 48.2 58.0 87.0#
89 51.7 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: 26.79 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampleId :

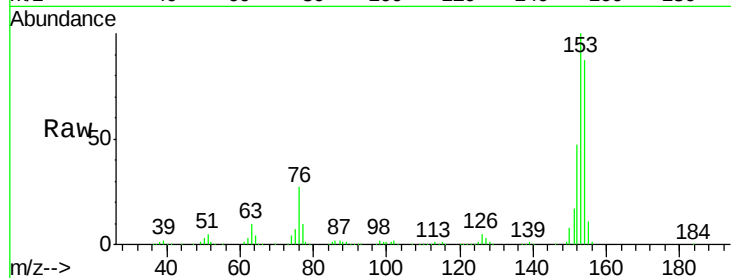
Tot Ion:154 Resp: 625771

Ion Ratio Lower Upper

154 100

153 115.4 88.6 133.0

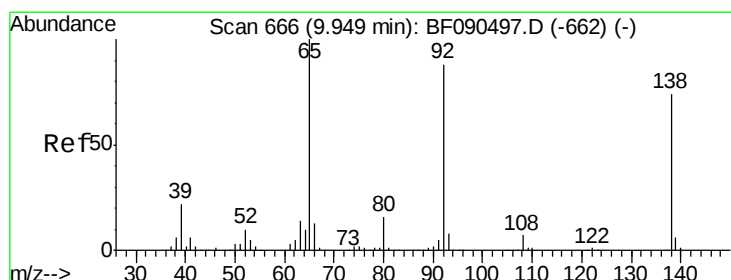
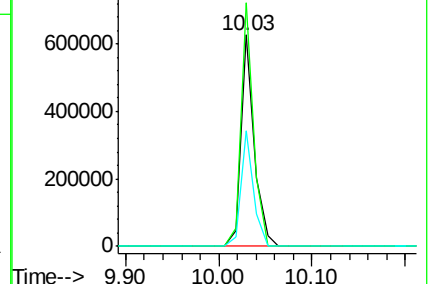
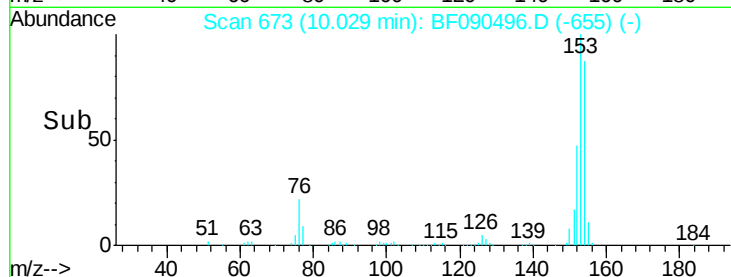
152 54.7 42.6 64.0



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: 30.97 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

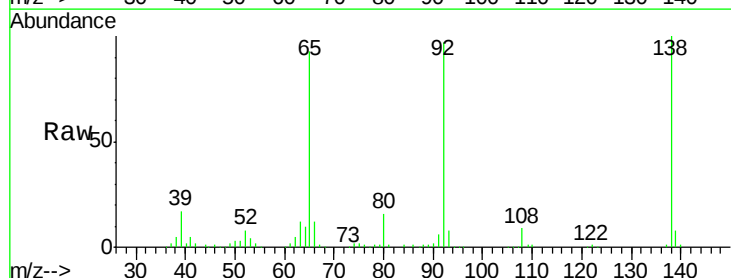
Tgt Ion:138 Resp: 213307

Ion Ratio Lower Upper

138 100

108 8.7 9.7 14.5#

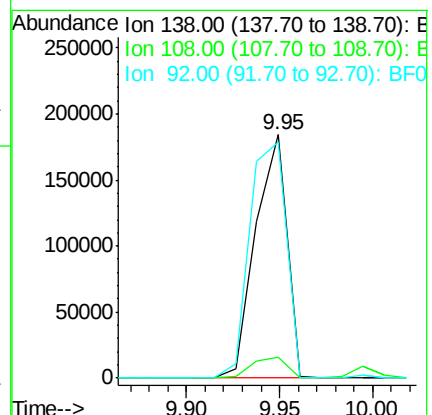
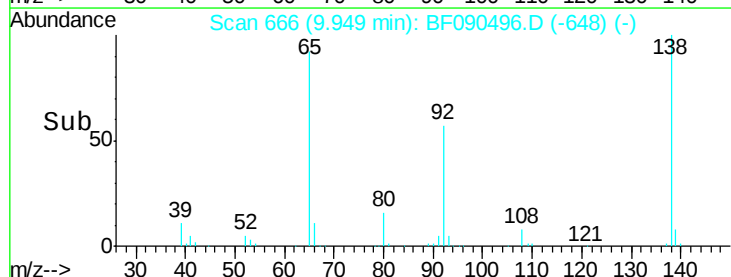
92 96.7 97.1 145.7#

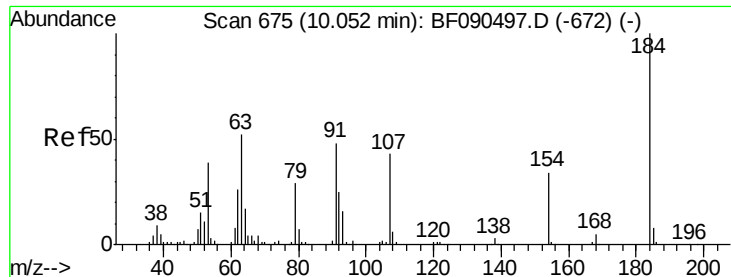


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

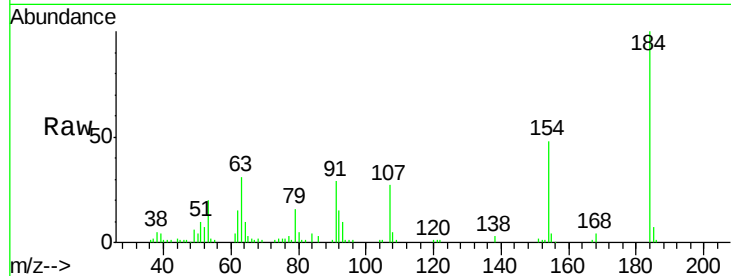




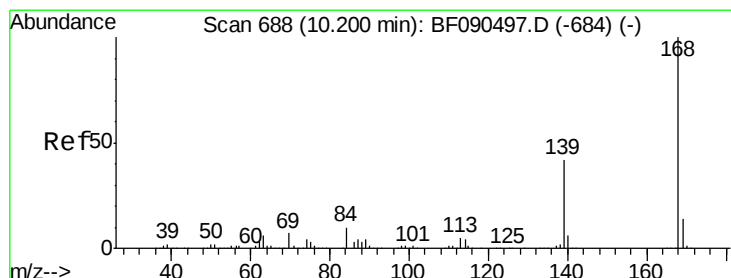
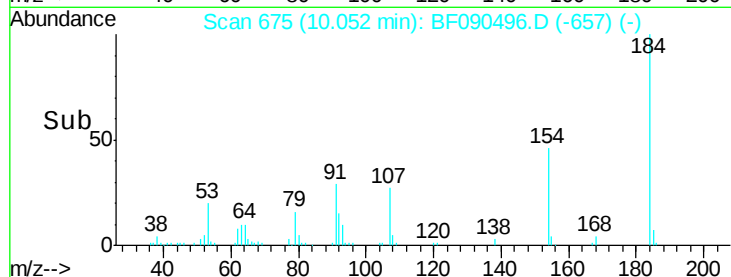
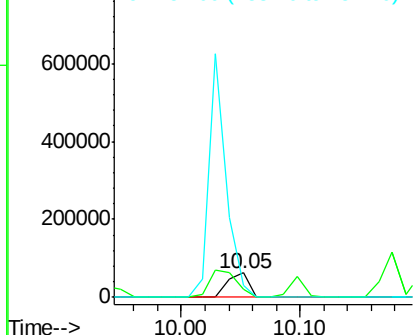
#53
2,4-Dinitrophenol
Concen: 30.13 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 79202
Ion Ratio Lower Upper
184 100
63 31.1 41.9 62.9#
154 47.5 48.9 73.3#

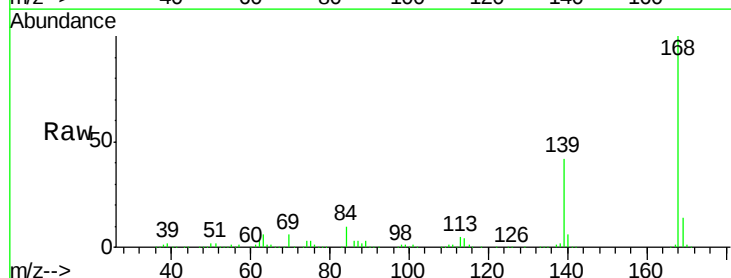


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

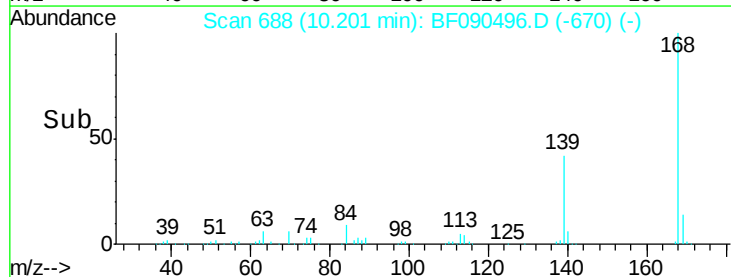
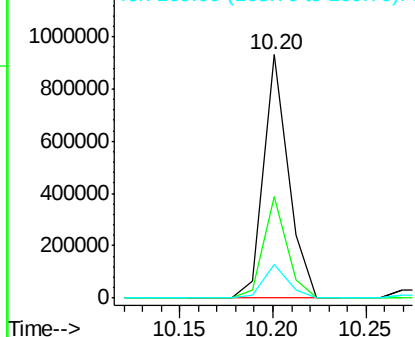


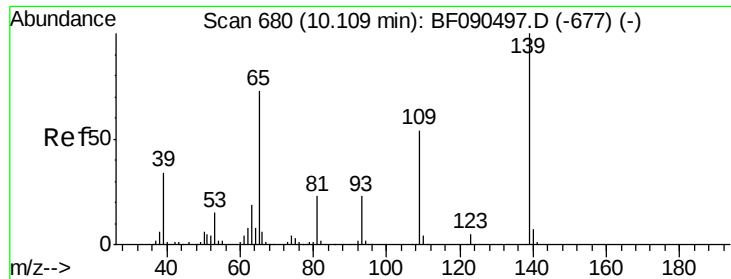
#54
Dibenzofuran
Concen: 28.16 ng
RT: 10.20 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Tgt Ion:168 Resp: 851449
Ion Ratio Lower Upper
168 100
139 41.7 29.6 44.4
169 13.9 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

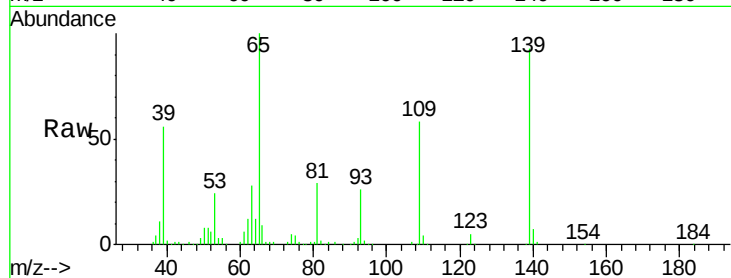




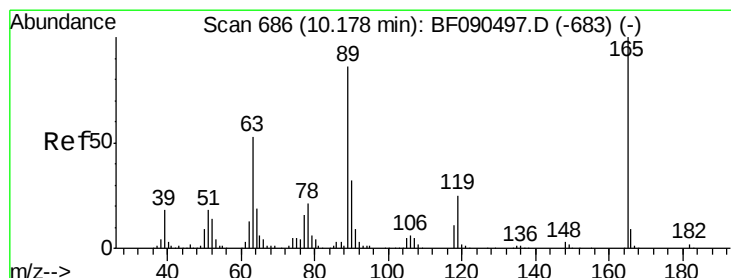
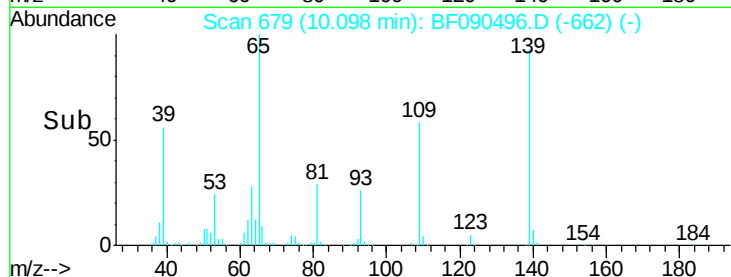
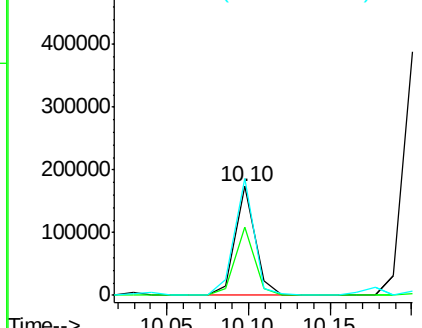
#55
4-Nitrophenol
Concen: 24.49 ng
RT: 10.10 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 147580
Ion Ratio Lower Upper
139 100
109 62.4 43.6 83.6
65 107.6 87.5 127.5

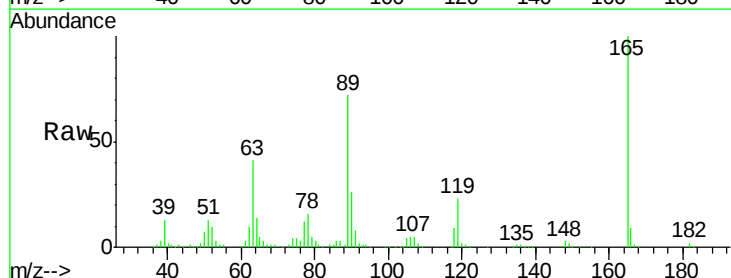


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

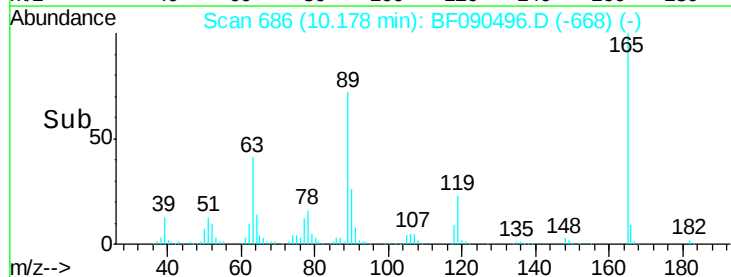
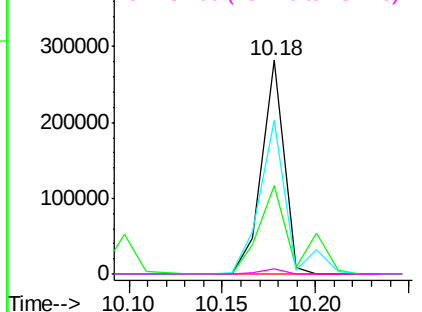


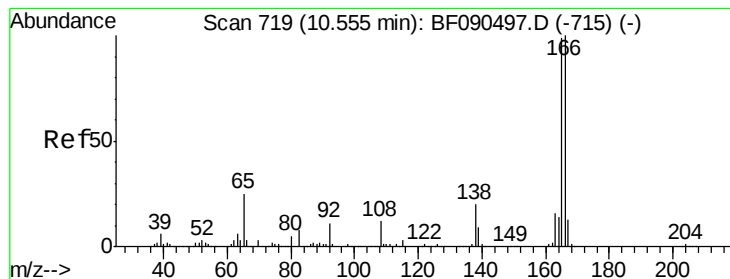
#56
2,4-Dinitrotoluene
Concen: 29.58 ng
RT: 10.18 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Tgt Ion:165 Resp: 232114
Ion Ratio Lower Upper
165 100
63 41.5 17.8 26.6#
89 72.0 33.2 49.8#
182 2.4 2.1 3.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 28.23 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampleId :

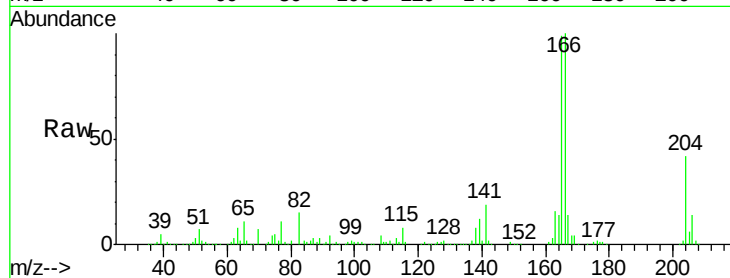
Tot Ion:166 Resp: 717292

Ion Ratio Lower Upper

166 100

165 98.9 79.2 118.8

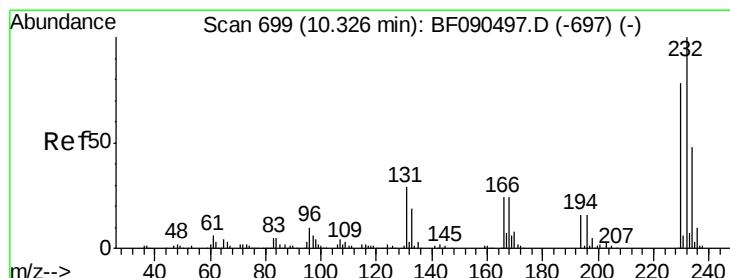
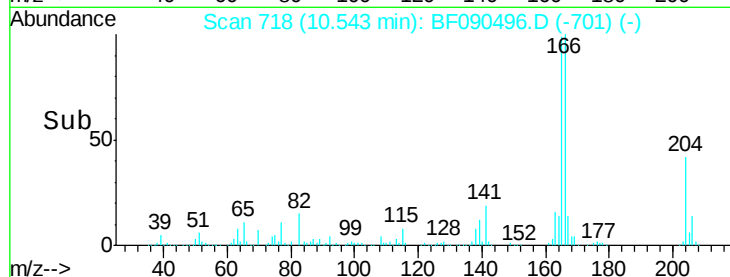
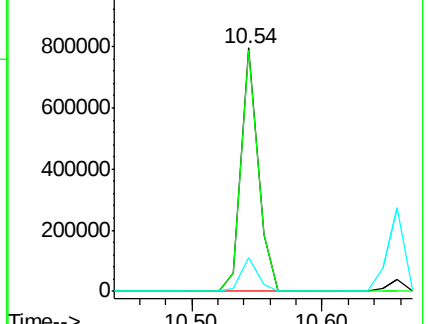
167 13.8 11.1 16.7



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: 32.67 ng

RT: 10.28 min Scan# 695

Delta R.T. -0.05 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Tgt Ion:232 Resp: 174065

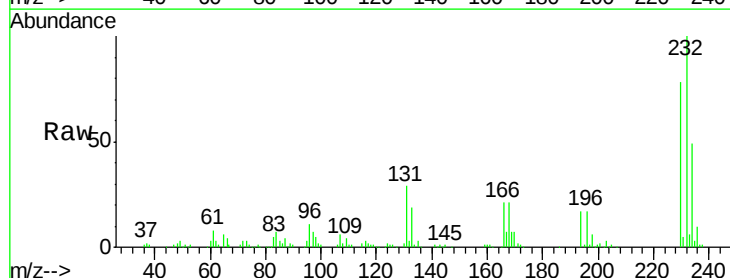
Ion Ratio Lower Upper

232 100

131 43.0 34.5 51.7

130 2.1 1.6 2.4

166 26.2 23.8 35.8

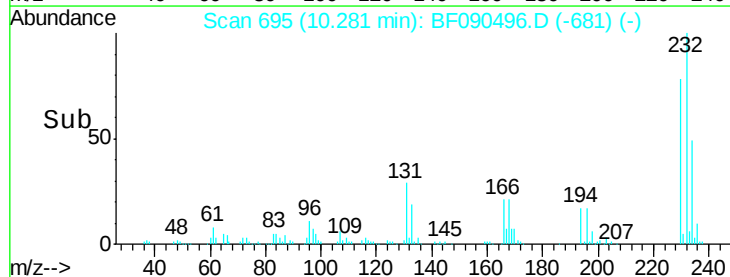
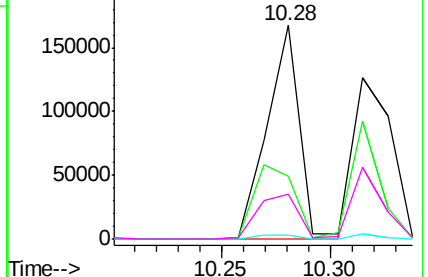


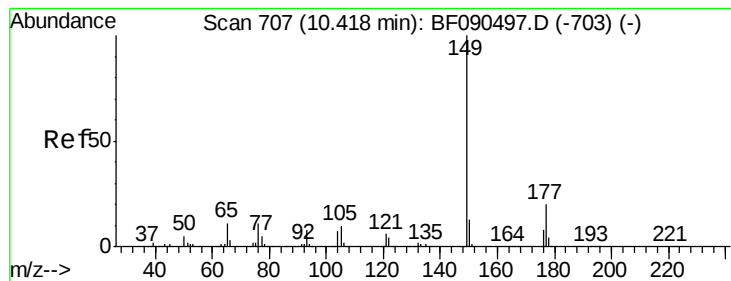
Abundance Ion 232.00 (231.70 to 232.70): E

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: 28.43 ng

RT: 10.42 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampleId :

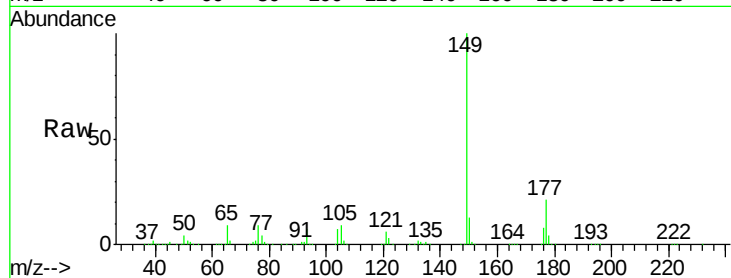
Tot Ion:149 Resp: 781178

Ion Ratio Lower Upper

149 100

177 21.1 21.1 31.7#

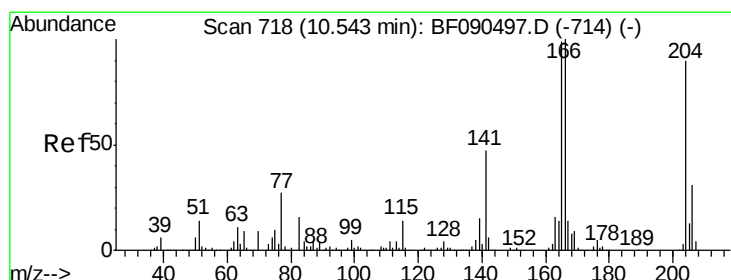
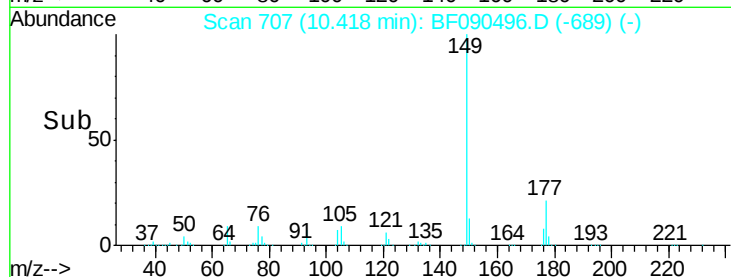
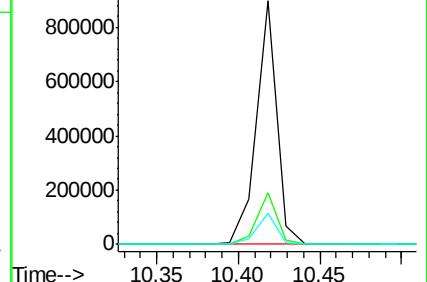
150 12.8 10.2 15.2



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: 29.51 ng

RT: 10.54 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

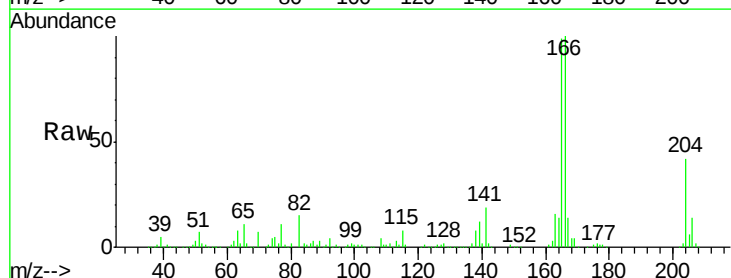
Tgt Ion:204 Resp: 340877

Ion Ratio Lower Upper

204 100

206 32.8 26.7 40.1

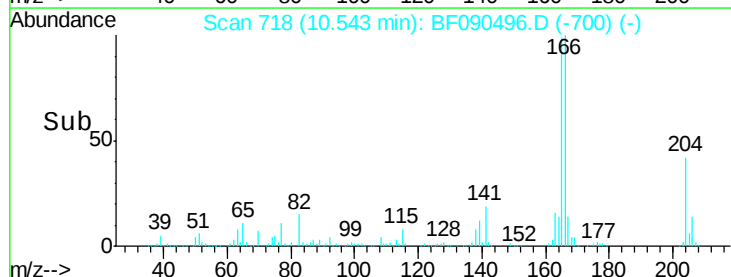
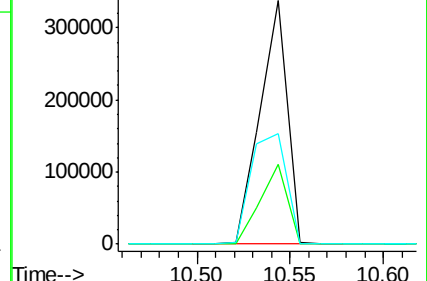
141 45.6 51.7 77.5#

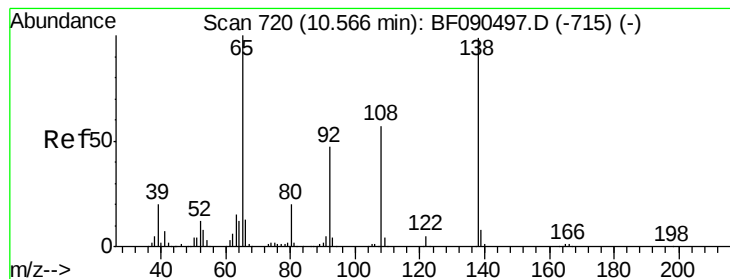


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 28.73 ng

RT: 10.55 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampled :

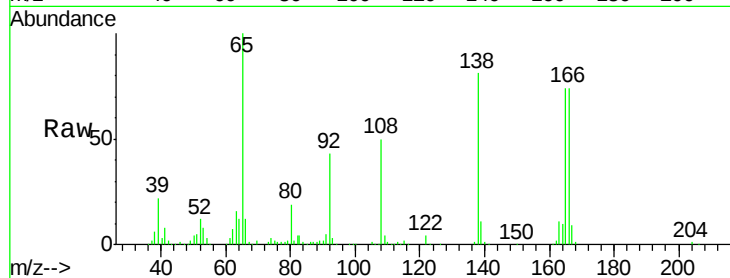
Tot Ion:138 Resp: 199354

Ion Ratio Lower Upper

138 100

92 53.1 33.2 73.2

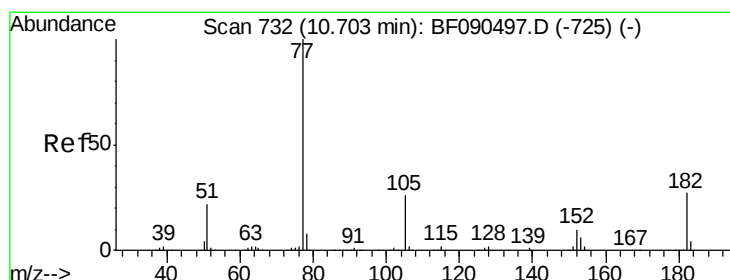
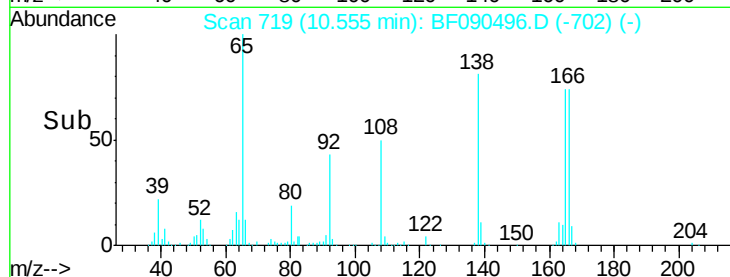
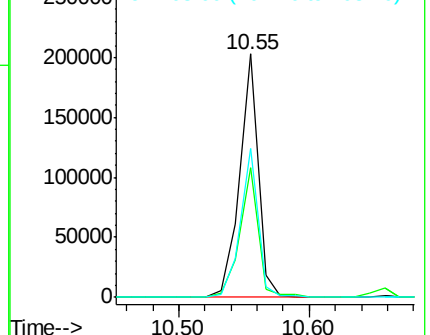
108 61.3 48.5 88.5



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: 26.20 ng

RT: 10.69 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Tgt Ion: 77 Resp: 831634

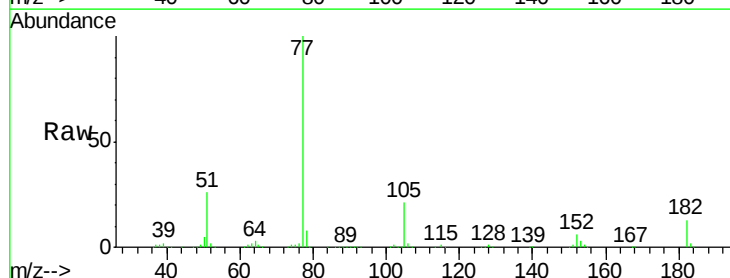
Ion Ratio Lower Upper

77 100

182 12.9 3.2 43.2

105 20.9 2.9 42.9

51 26.1 14.2 54.2

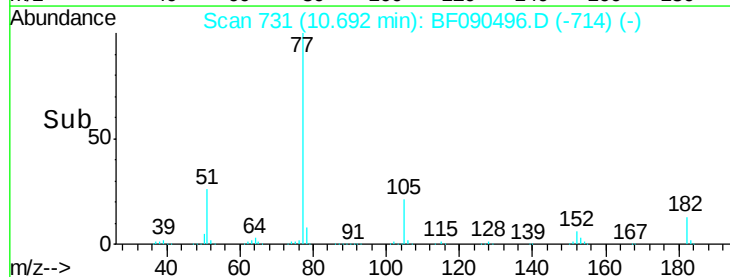
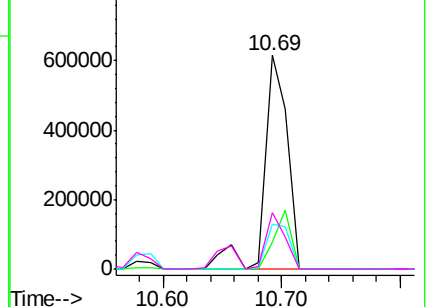


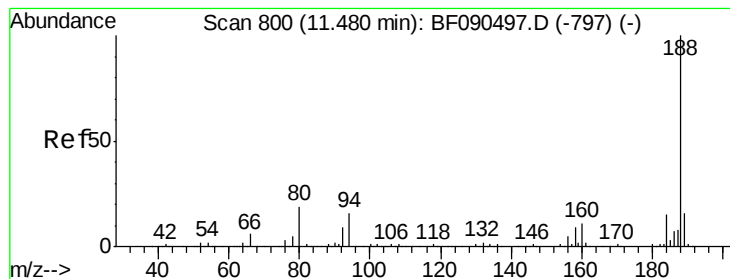
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.48 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampleId :

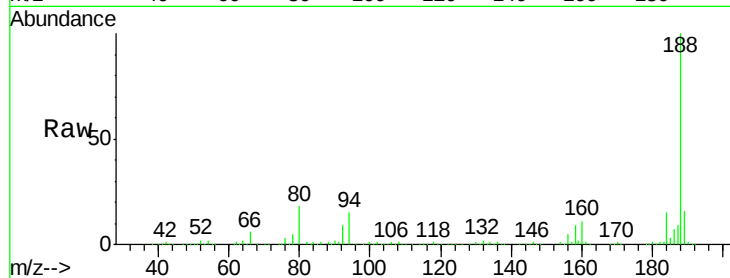
Tot Ion:188 Resp: 699001

Ion Ratio Lower Upper

188 100

94 15.1 8.2 12.2#

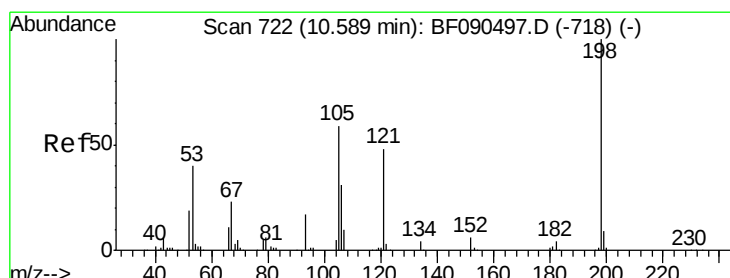
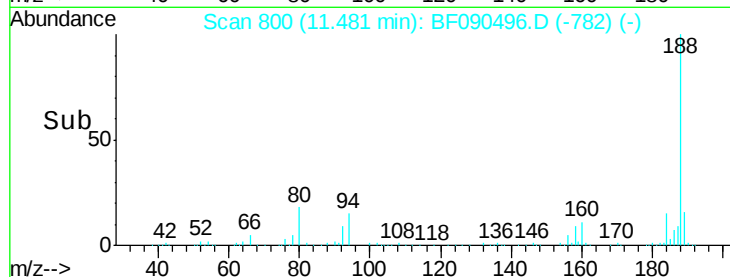
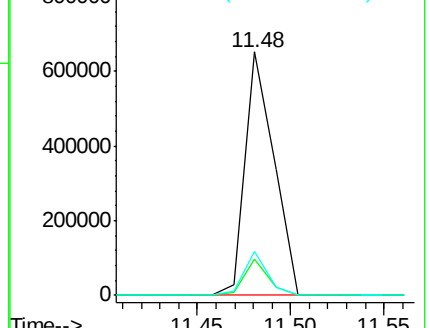
80 17.9 8.8 13.2#



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: 29.48 ng

RT: 10.59 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

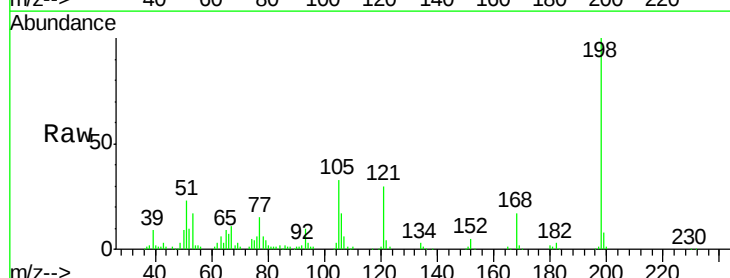
Tgt Ion:198 Resp: 125038

Ion Ratio Lower Upper

198 100

51 22.8 67.3 107.3#

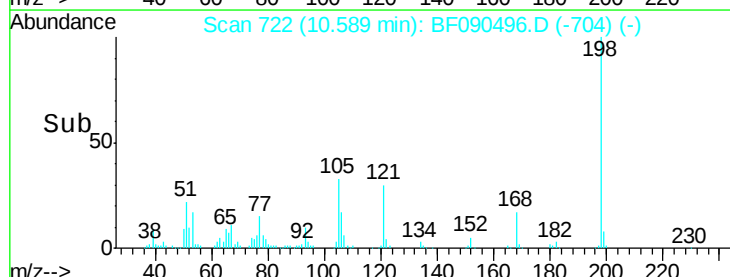
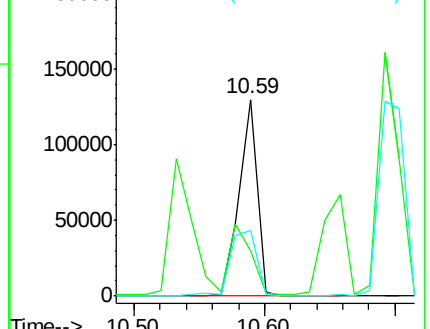
105 33.1 42.6 82.6#

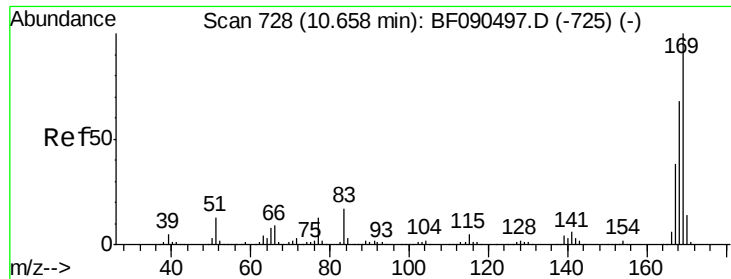


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

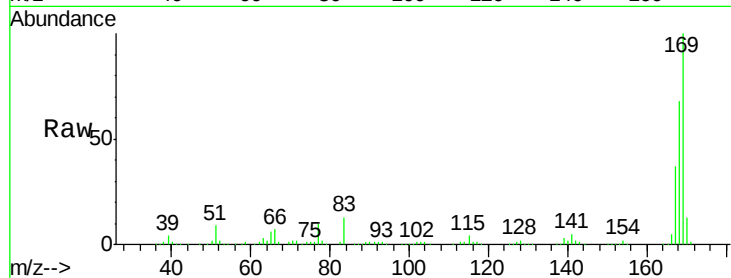




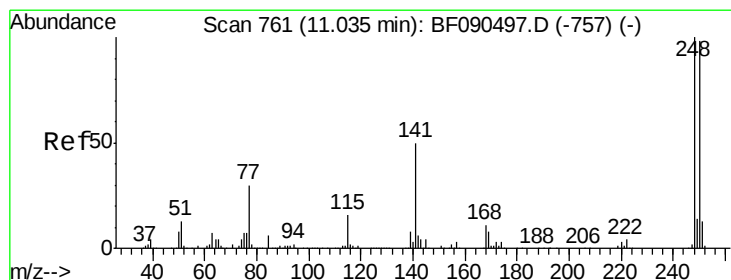
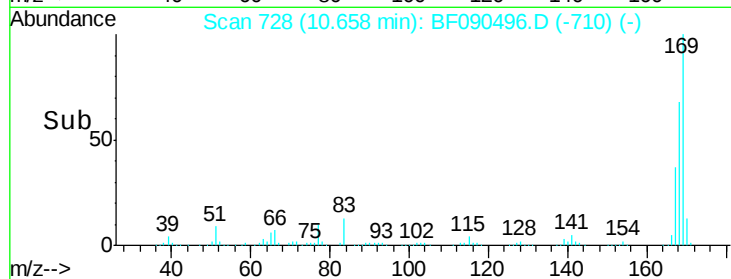
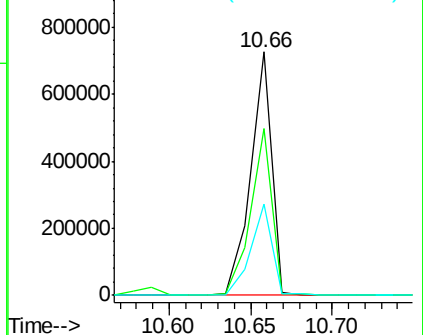
#65
 n-Nitrosodiphenylamine
 Concen: 27.78 ng
 RT: 10.66 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 650810
 Ion Ratio Lower Upper
 169 100
 168 68.4 53.8 80.6
 167 37.4 29.8 44.8

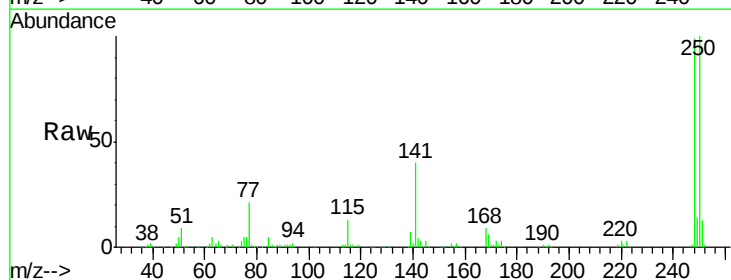


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

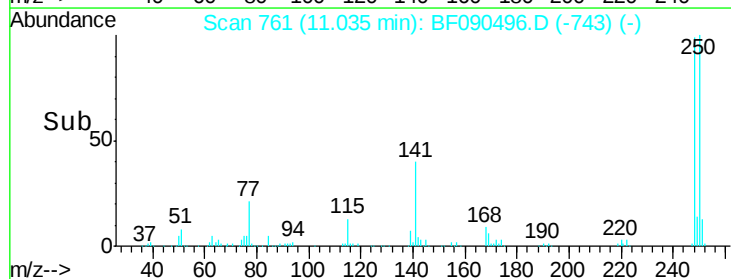
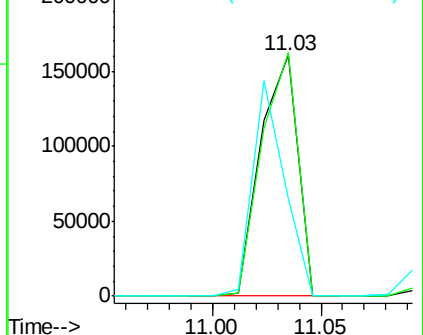


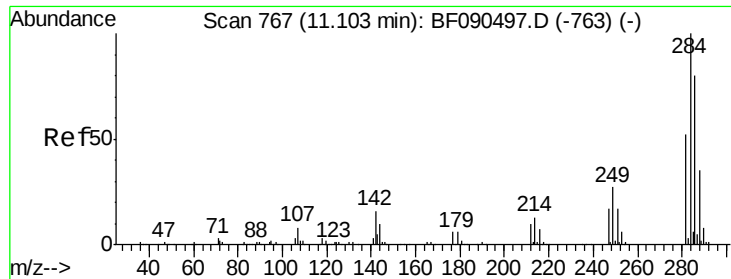
#66
 4-Bromophenyl-phenylether
 Concen: 28.09 ng
 RT: 11.03 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Tgt Ion:248 Resp: 192436
 Ion Ratio Lower Upper
 248 100
 250 101.2 76.5 114.7
 141 40.8 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

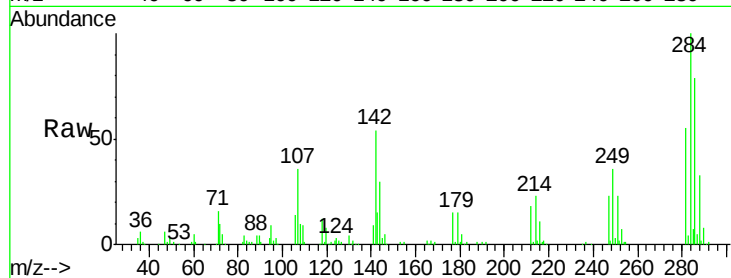




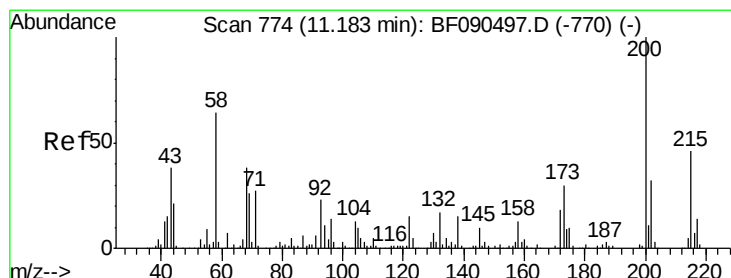
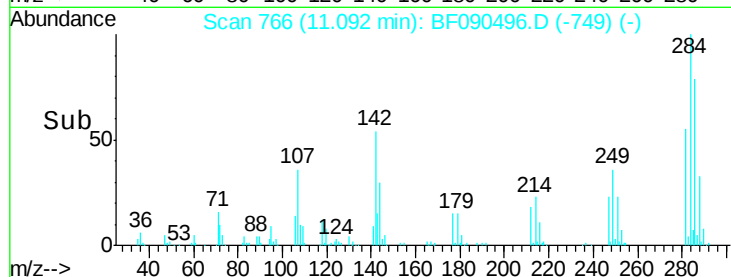
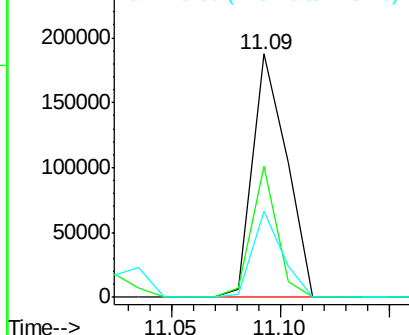
#67
Hexachlorobenzene
Concen: 26.77 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 204277
Ion Ratio Lower Upper
284 100
142 53.6 23.1 34.7#
249 35.6 26.3 39.5

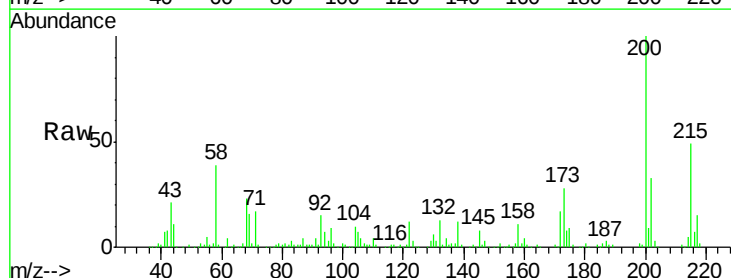


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

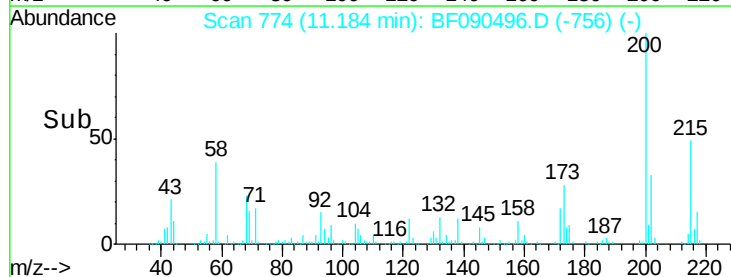
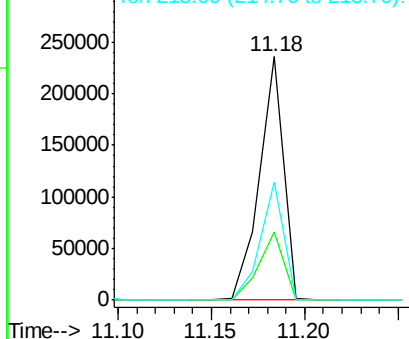


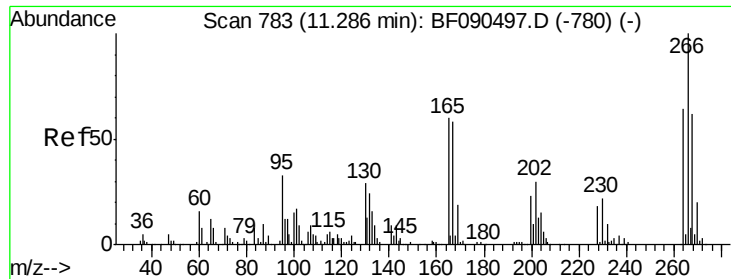
#68
Atrazine
Concen: 36.36 ng
RT: 11.18 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Tgt Ion:200 Resp: 209979
Ion Ratio Lower Upper
200 100
173 28.3 9.0 49.0
215 48.7 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

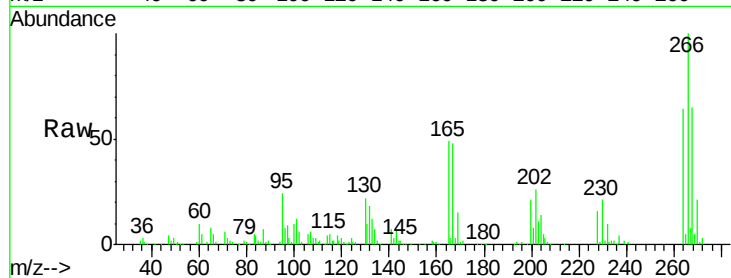




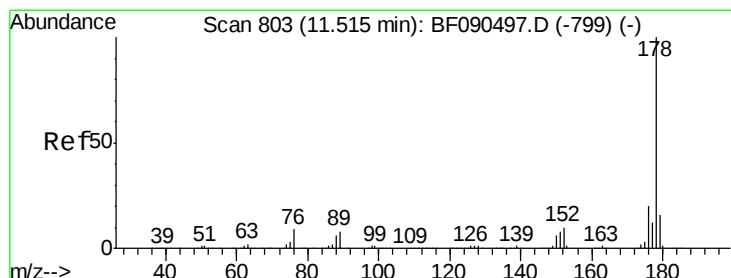
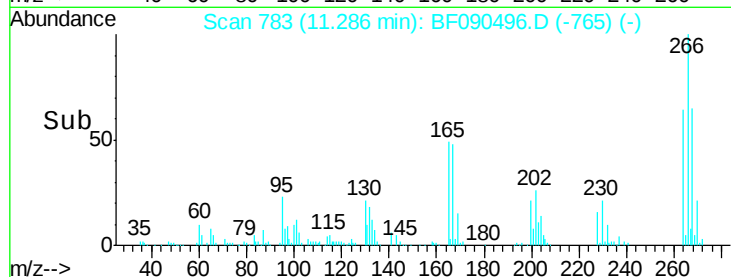
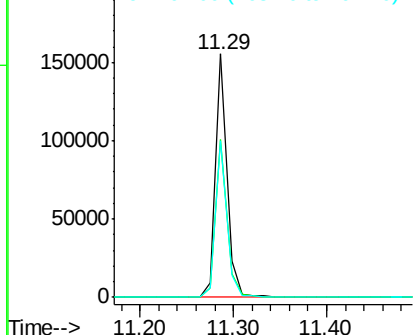
#69
 Pentachlorophenol
 Concen: 29.34 ng
 RT: 11.29 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 133252
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.9 76.3
 264 64.4 51.5 77.3

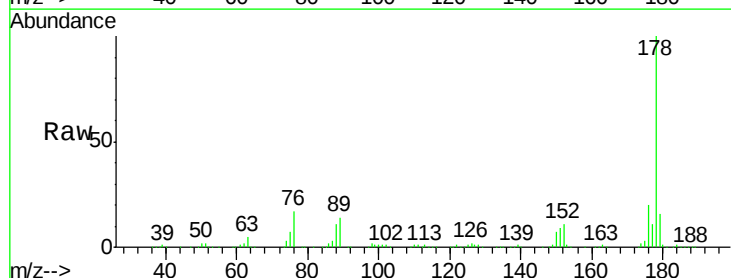


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

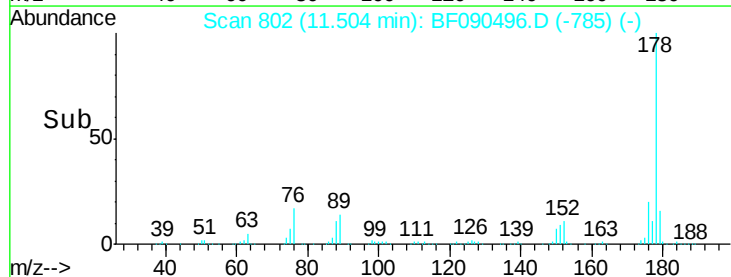
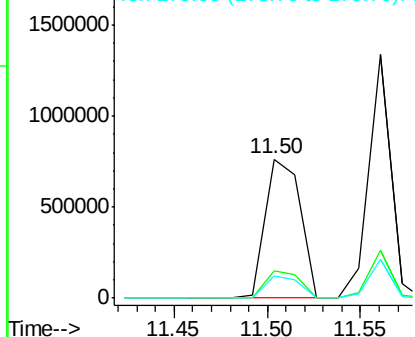


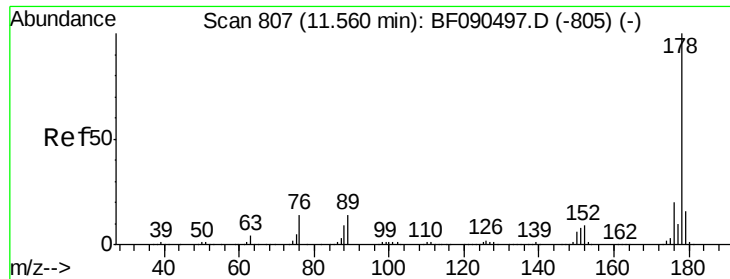
#70
 Phenanthrene
 Concen: 28.03 ng
 RT: 11.50 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Tgt Ion:178 Resp: 1003398
 Ion Ratio Lower Upper
 178 100
 176 19.6 17.3 25.9
 179 15.9 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

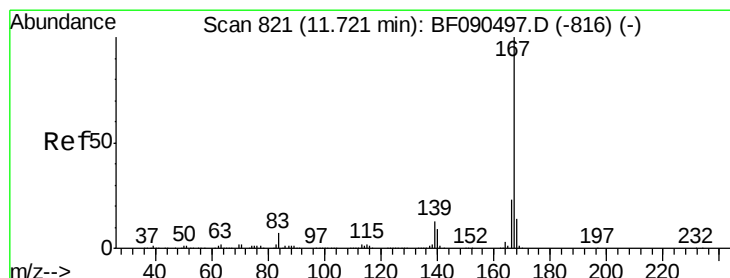
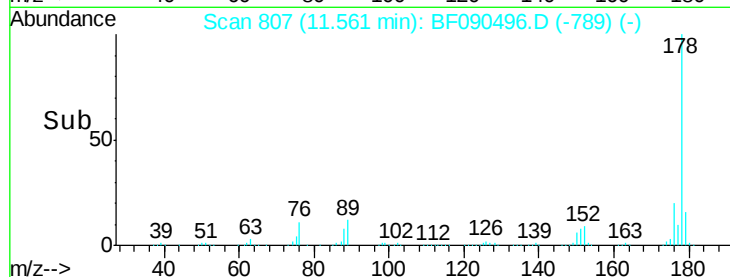
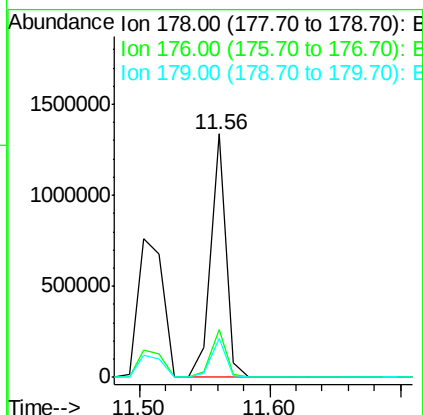
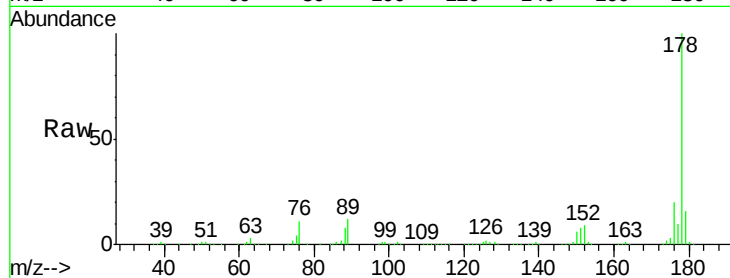




#71
 Anthracene
 Concen: 29.75 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

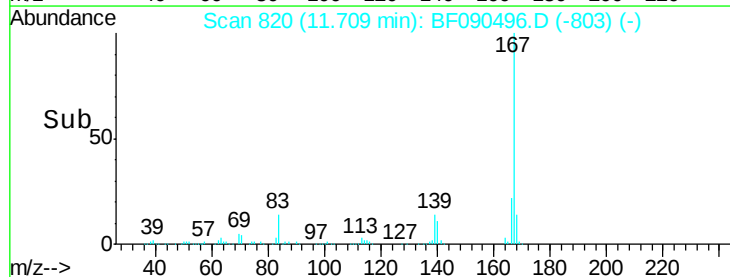
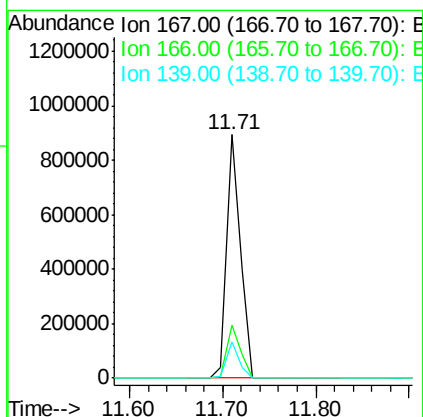
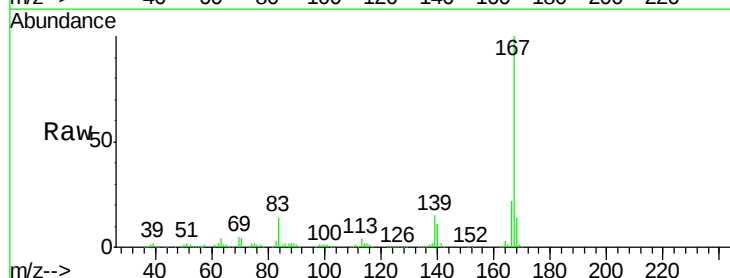
Instrument :
 BNA_F
 ClientSampleId :

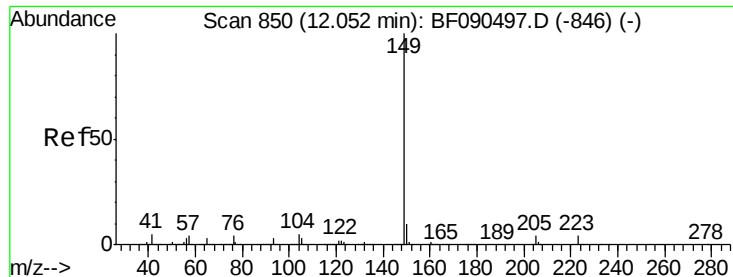
Tot Ion:178 Resp: 1087426
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.8 25.2
 179 16.2 13.4 20.2



#72
 Carbazole
 Concen: 26.95 ng
 RT: 11.71 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Tgt Ion:167 Resp: 915200
 Ion Ratio Lower Upper
 167 100
 166 22.0 19.1 28.7
 139 14.9 12.1 18.1





#73

Di-n-butylphthalate

Concen: 29.69 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampleId :

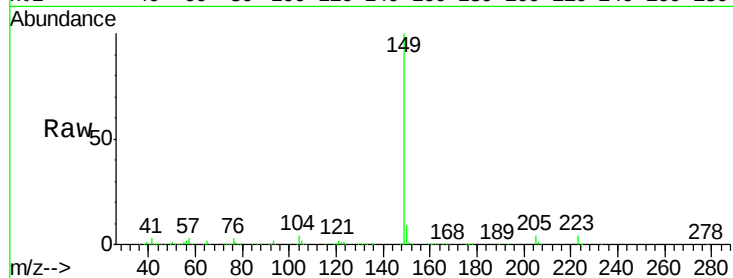
Tot Ion:149 Resp: 1227128

Ion Ratio Lower Upper

149 100

150 9.1 8.6 12.8

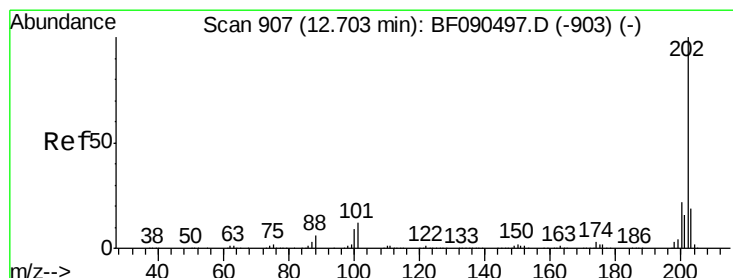
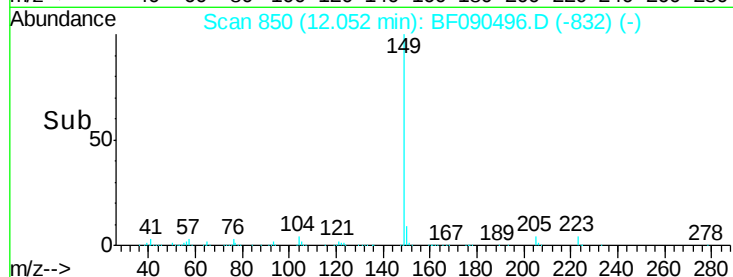
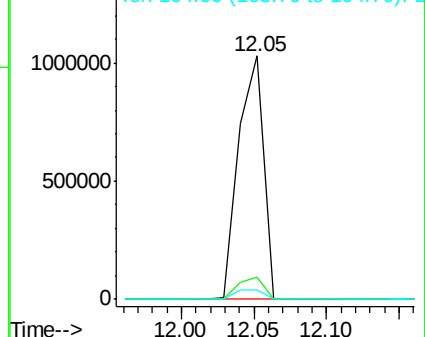
104 3.6 4.7 7.1#



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: 31.57 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

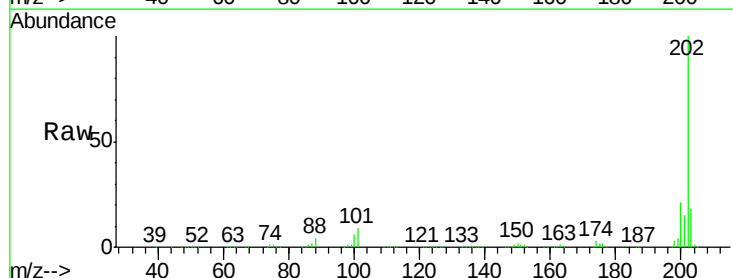
Tgt Ion:202 Resp: 1108254

Ion Ratio Lower Upper

202 100

101 8.5 0.0 37.2

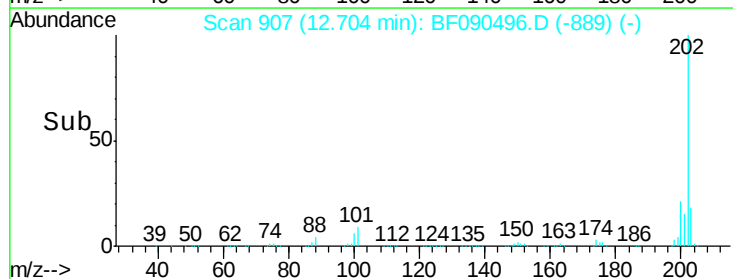
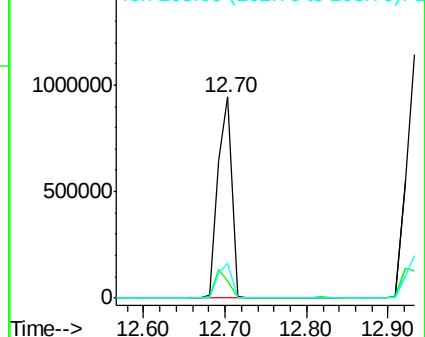
203 17.6 0.0 39.3

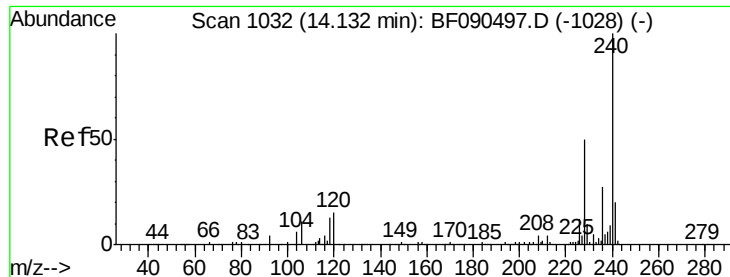


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampled :

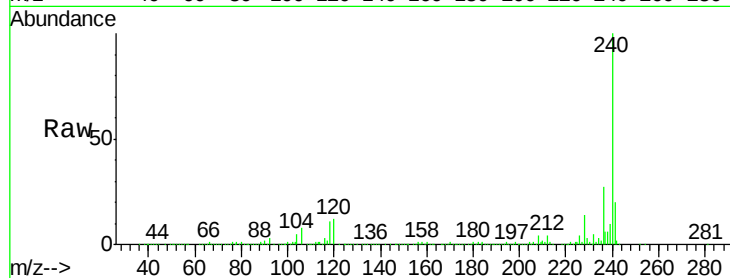
Tot Ion:240 Resp: 737481

Ion Ratio Lower Upper

240 100

120 12.0 8.6 13.0

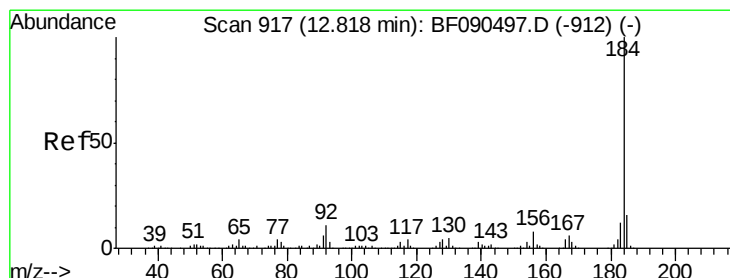
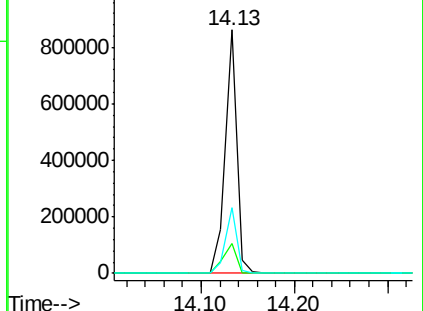
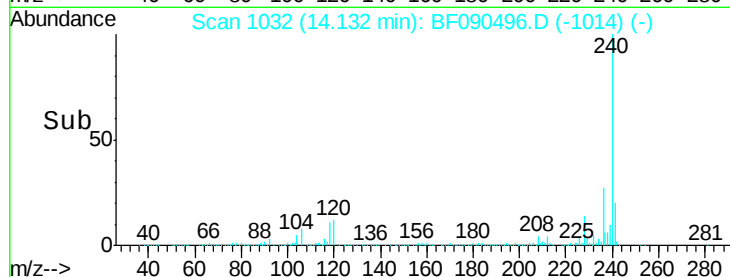
236 27.2 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.14 ng

RT: 12.82 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

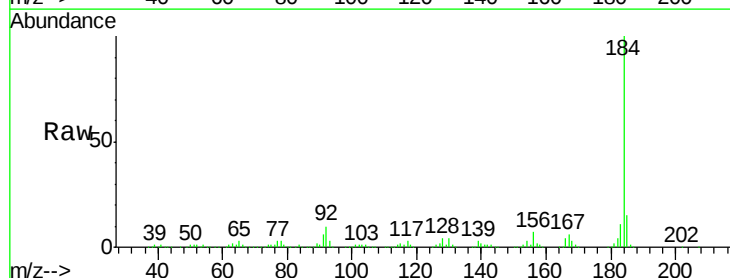
Tgt Ion:184 Resp: 603764

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.8

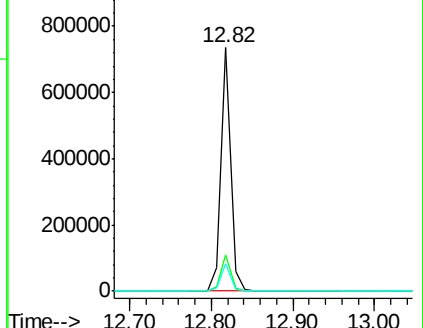
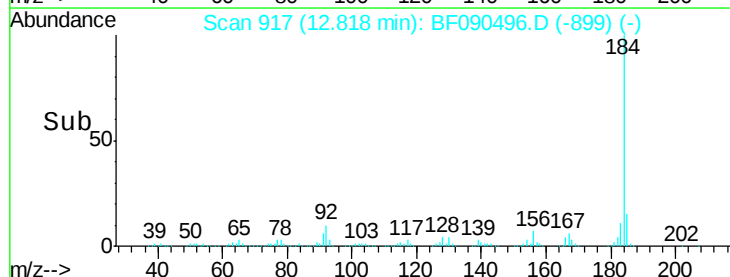
183 11.4 9.6 14.4

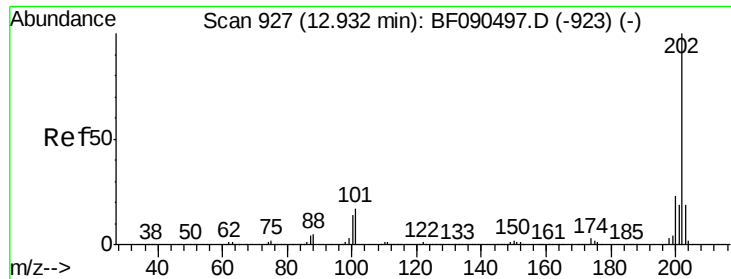


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

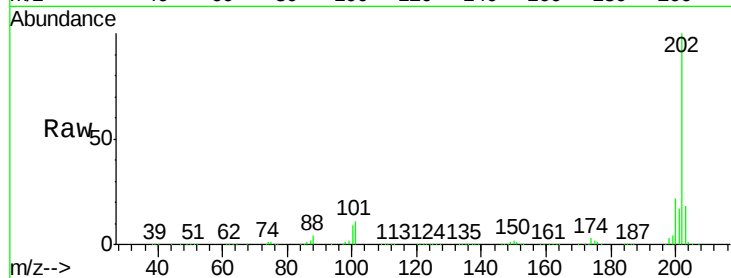




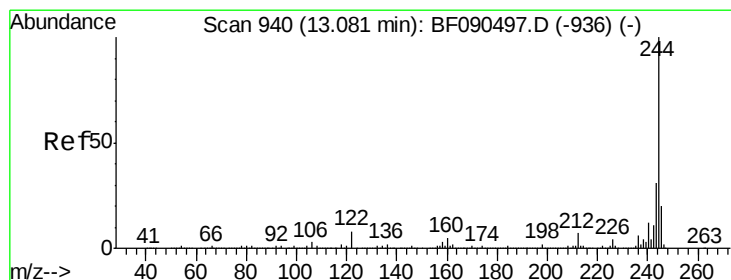
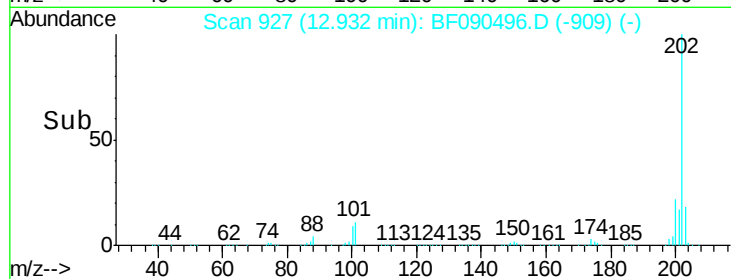
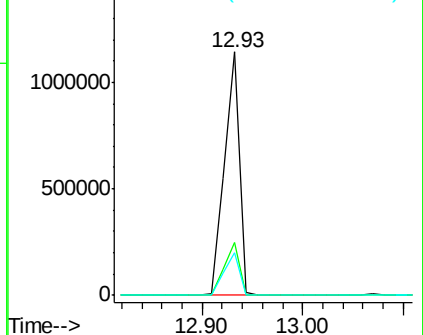
#77
Pvrene
Concen: 23.99 ng
RT: 12.93 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1179518
Ion Ratio Lower Upper
202 100
200 21.7 18.5 27.7
203 17.8 15.0 22.6

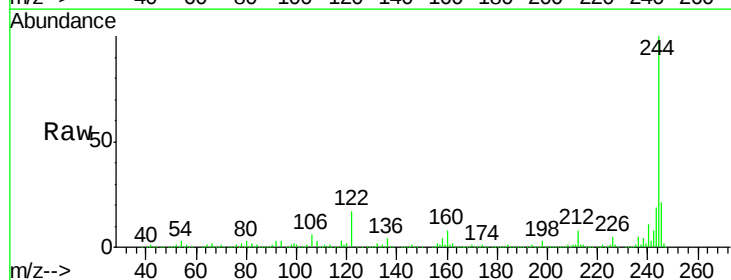


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

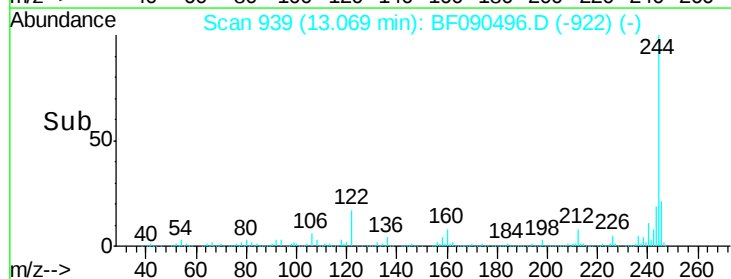
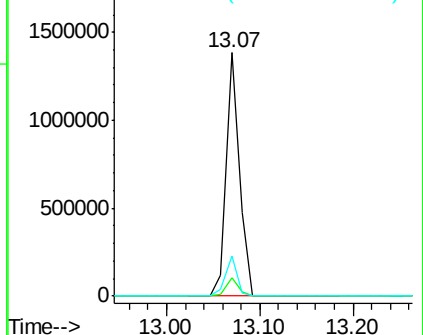


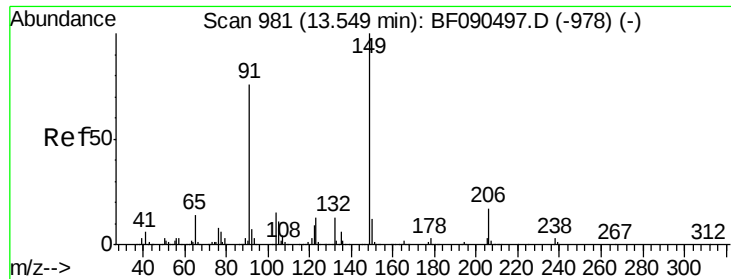
#78
Terphenyl-d14
Concen: 41.54 ng
RT: 13.07 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Tgt Ion:244 Resp: 1362679
Ion Ratio Lower Upper
244 100
212 7.5 6.8 10.2
122 16.7 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

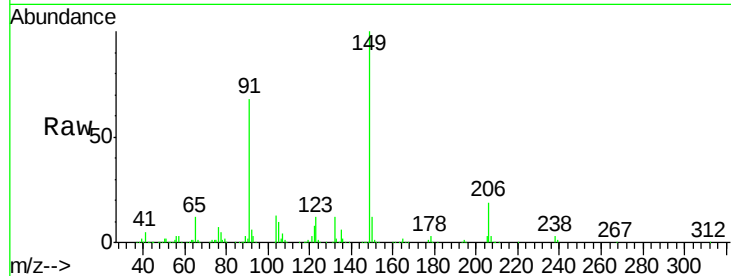




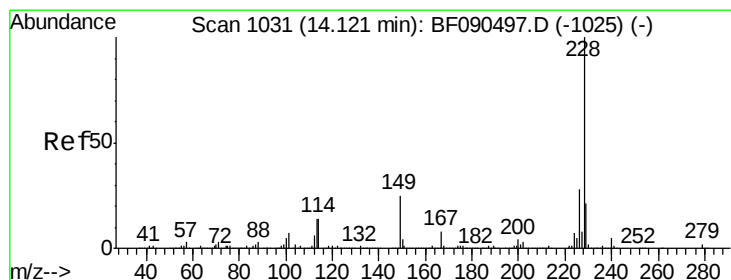
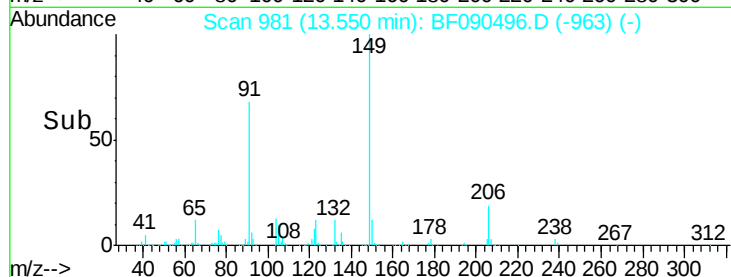
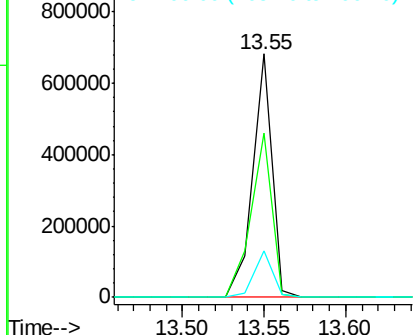
#79
Butylbenzylphthalate
Concen: 22.26 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 561722
Ion Ratio Lower Upper
149 100
91 67.6 51.8 77.8
206 19.2 18.0 27.0

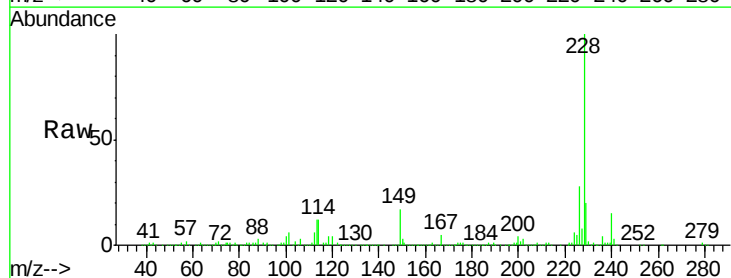


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

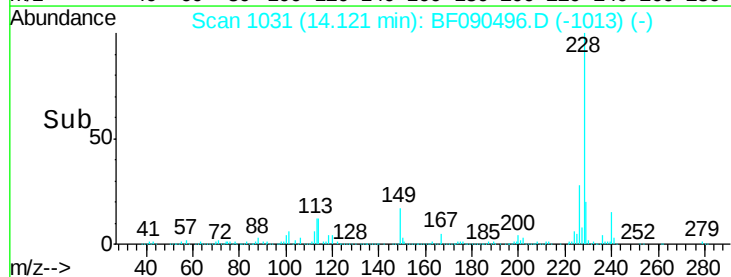
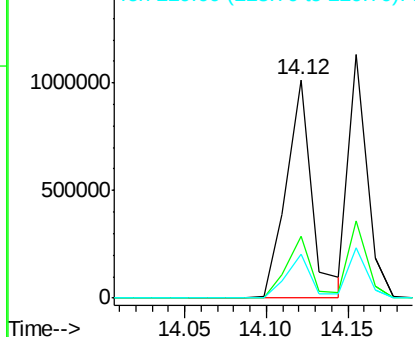


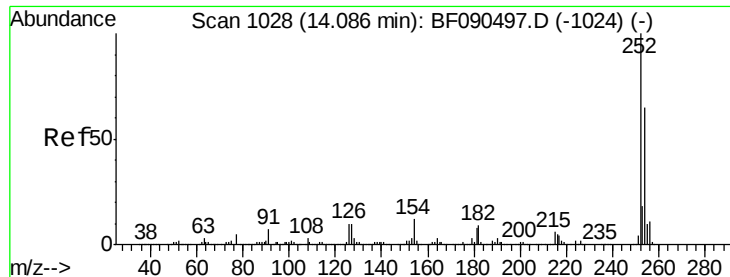
#80
Benzo(a)anthracene
Concen: 27.07 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Tgt Ion:228 Resp: 1119933
Ion Ratio Lower Upper
228 100
226 28.1 23.6 35.4
229 20.3 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

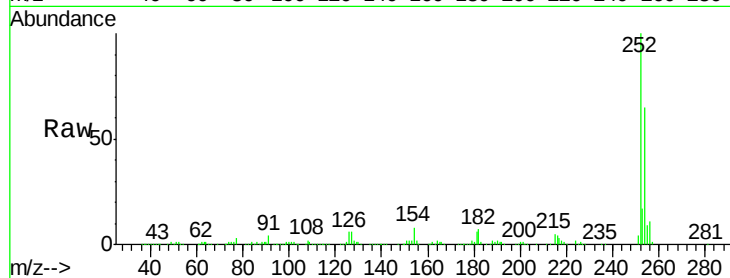




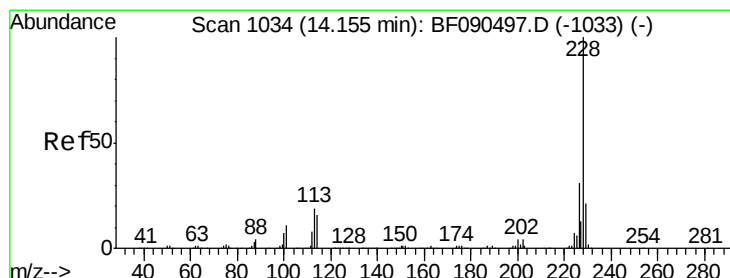
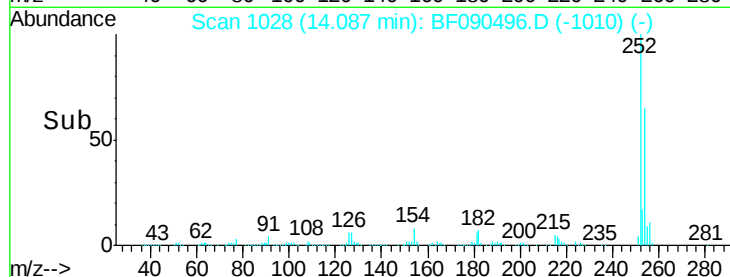
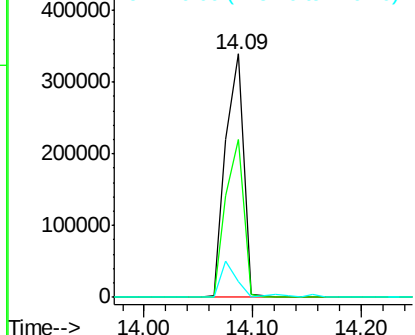
#81
 3,3'-Dichlorobenzidine
 Concen: 26.08 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 391247
 Ion Ratio Lower Upper
 252 100
 254 64.8 52.1 78.1
 126 6.4 4.2 6.4#

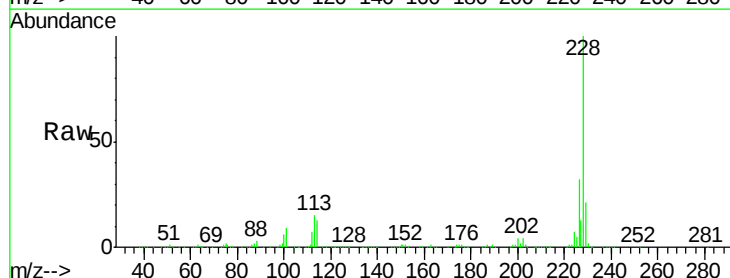


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

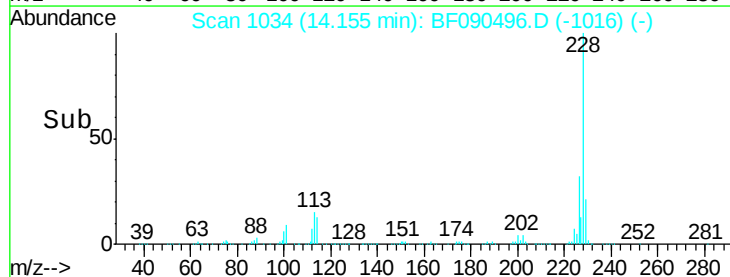
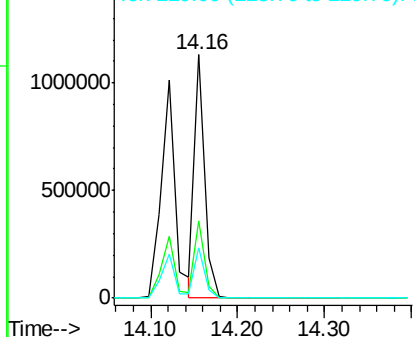


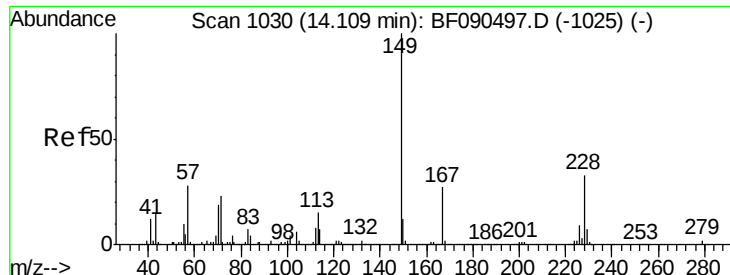
#82
 Chrysene
 Concen: 24.08 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Tgt Ion:228 Resp: 916952
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.8 38.6
 229 20.5 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

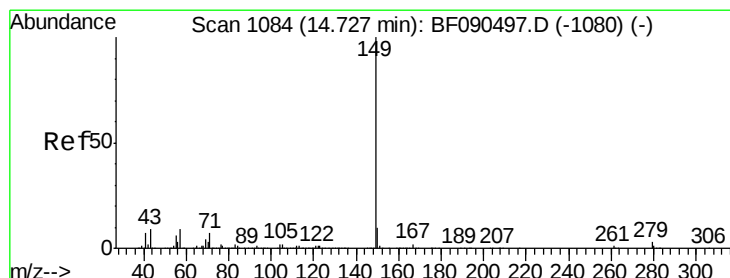
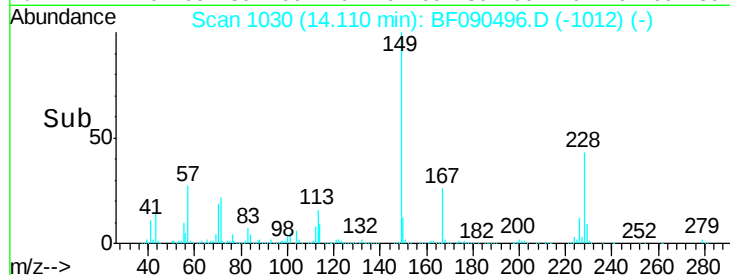
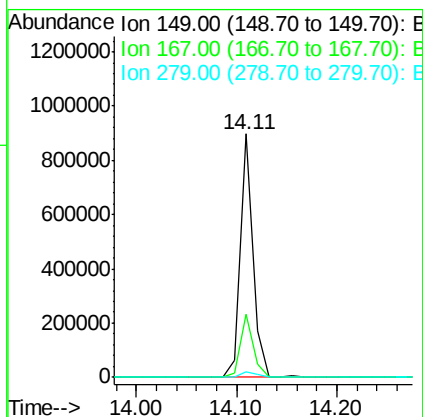
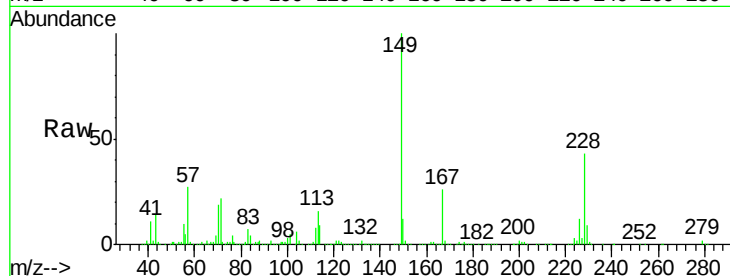




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.90 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

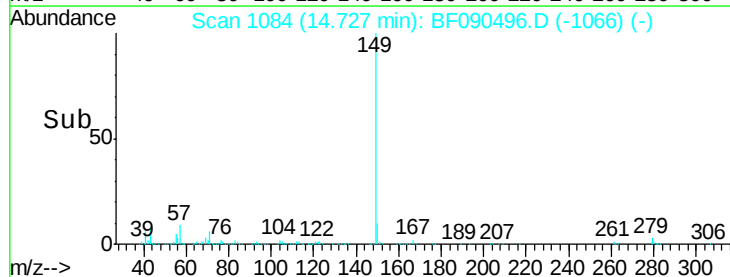
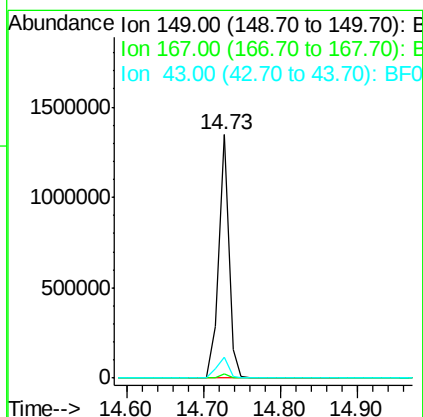
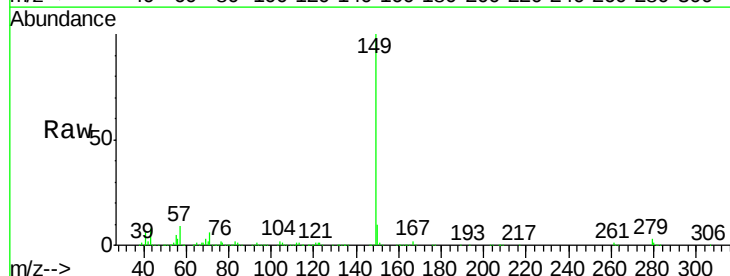
Instrument :
 BNA_F
 ClientSampleId :

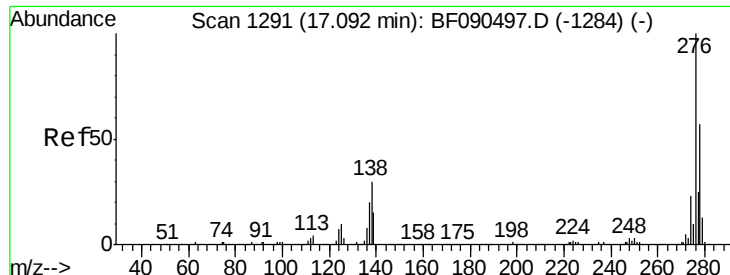
Tot Ion:149 Resp: 785485
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.5 32.3
 279 2.5 2.6 3.8#



#84
 Di-n-octyl phthalate
 Concen: 23.47 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF090496.D
 Acq: 11 Oct 2016 11:52

Tgt Ion:149 Resp: 1247859
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.8 11.8 17.8#

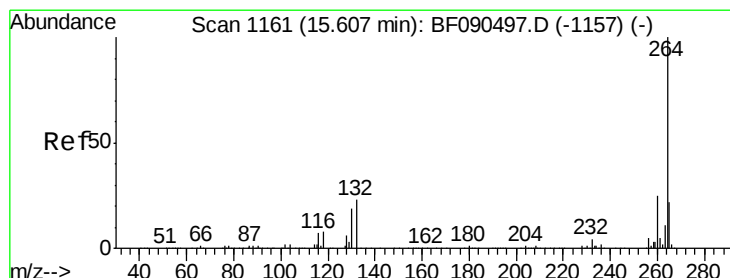
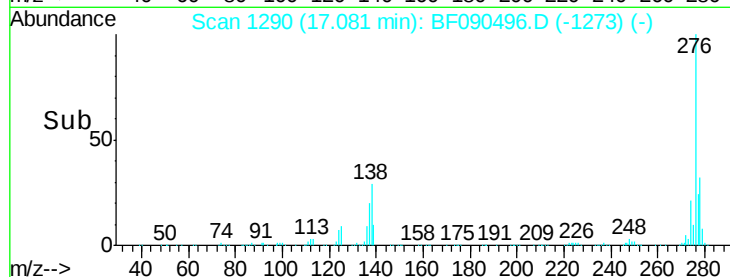
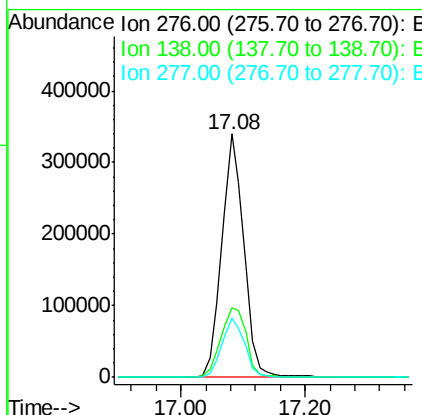
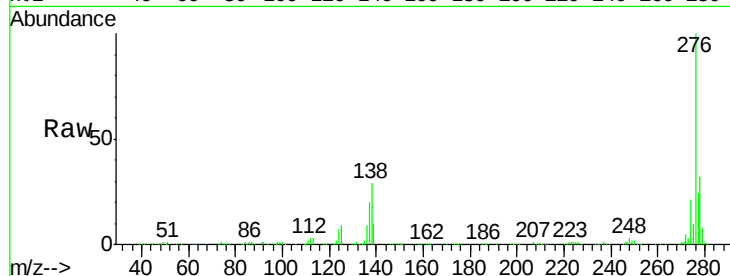




#85
Indeno(1,2,3-cd)pyrene
Concen: 30.84 ng
RT: 17.08 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

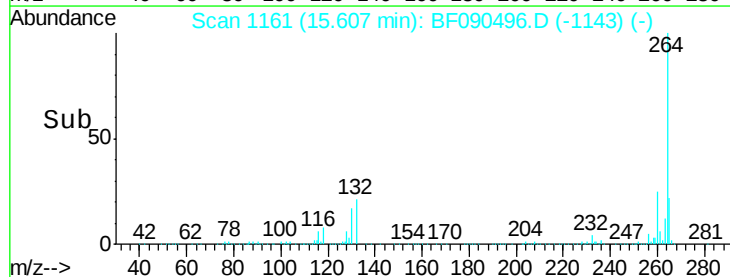
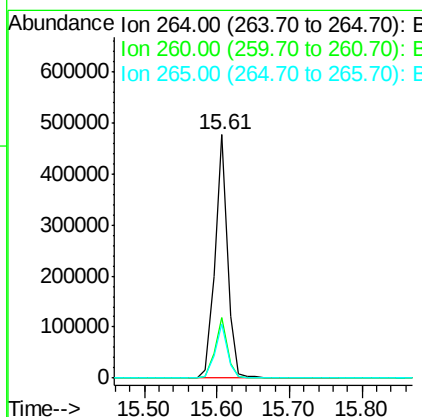
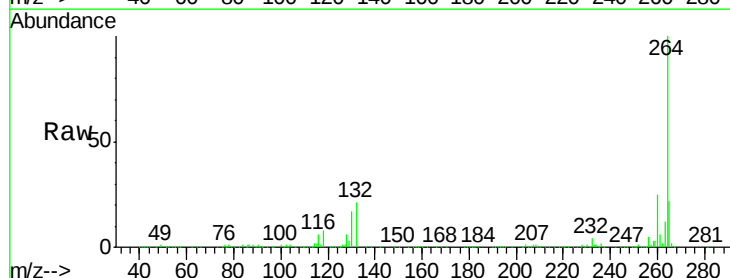
Instrument :
BNA_F
ClientSampleId :

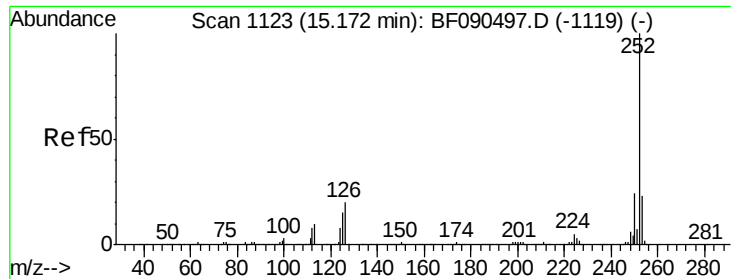
Tot Ion:276 Resp: 837419
Ion Ratio Lower Upper
276 100
138 33.0 23.8 35.8
277 25.1 20.4 30.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Tgt Ion:264 Resp: 571607
Ion Ratio Lower Upper
264 100
260 24.9 19.3 28.9
265 22.1 17.4 26.0

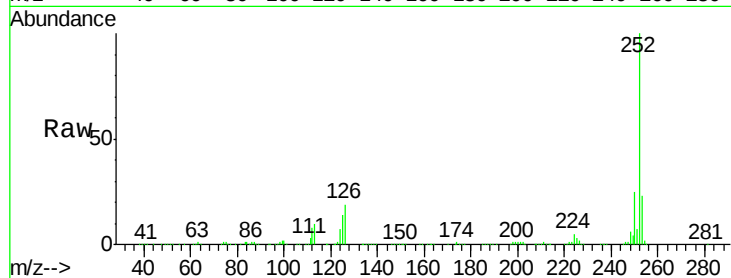




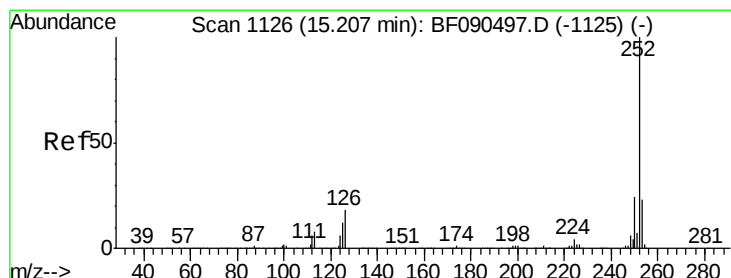
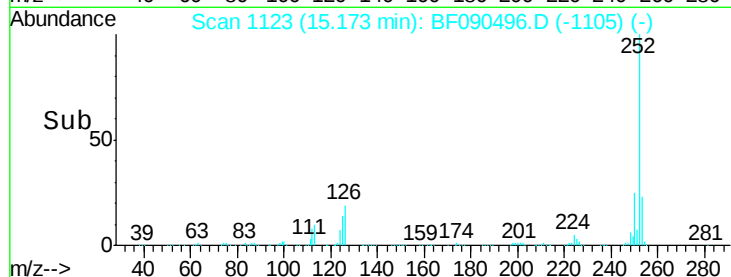
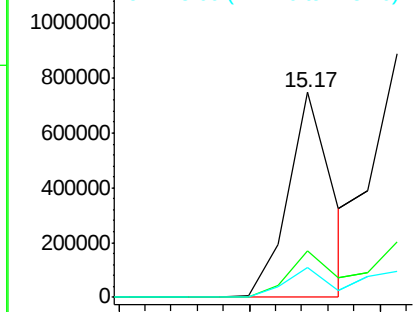
#87
Benzo(b)fluoranthene
Concen: 23.98 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 872942
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 14.4 7.0 10.4#

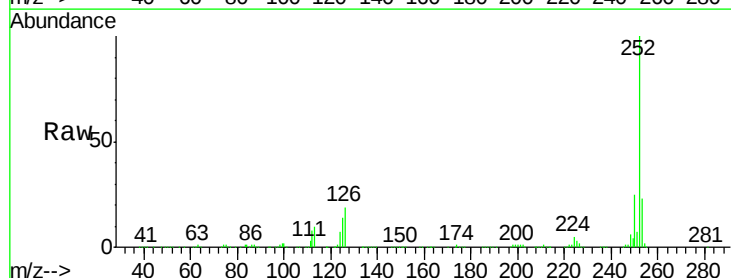


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

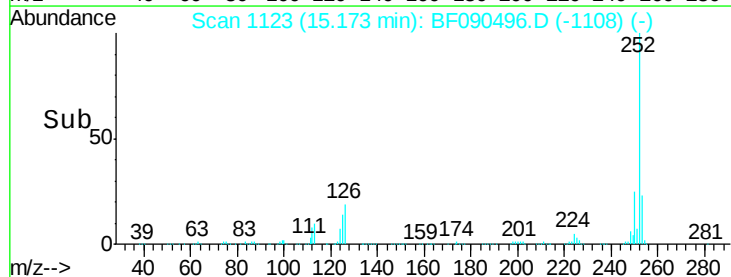
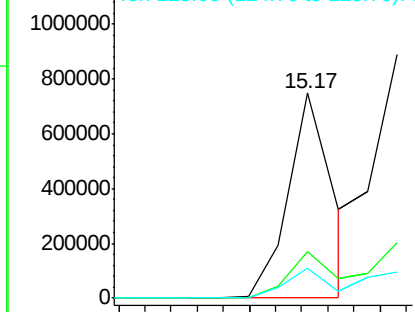


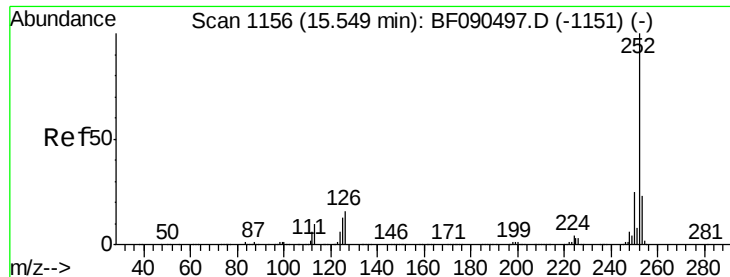
#88
Benzo(k)fluoranthene
Concen: 25.52 ng
RT: 15.17 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Tgt Ion:252 Resp: 872942
Ion Ratio Lower Upper
252 100
253 22.7 18.6 27.8
125 14.4 11.7 17.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

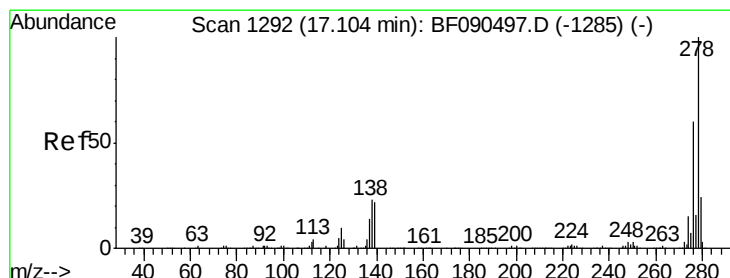
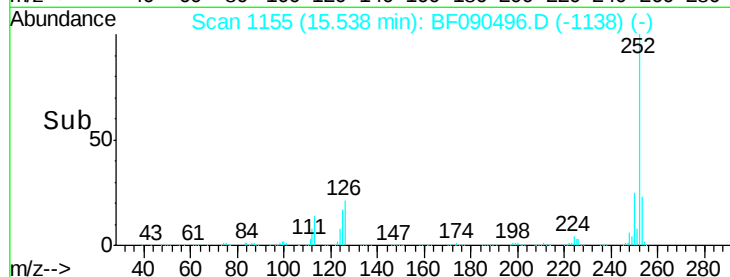
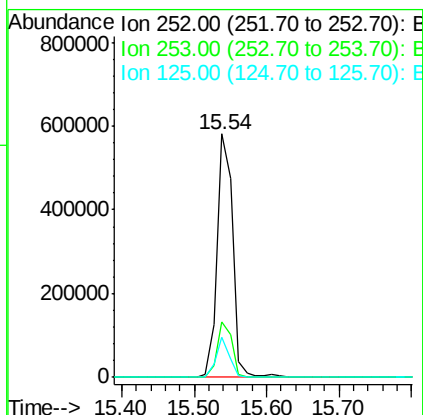
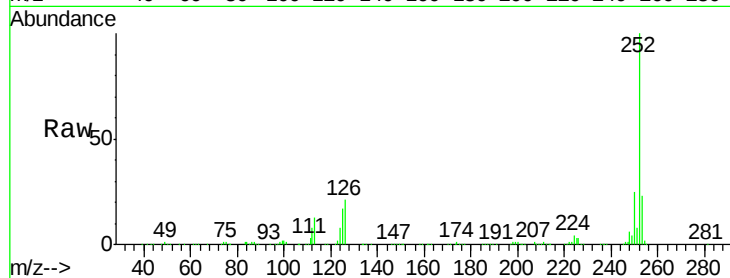




#89
Benzo(a)pyrene
Concen: 27.46 ng
RT: 15.54 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

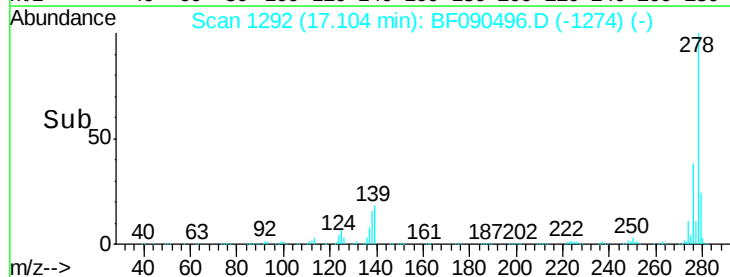
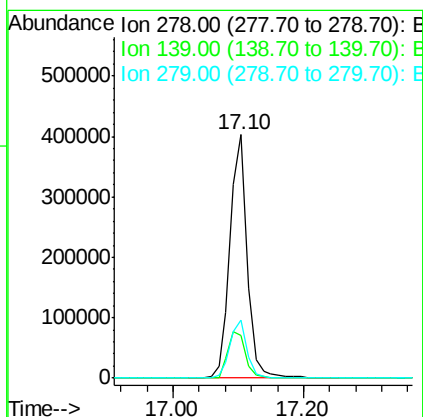
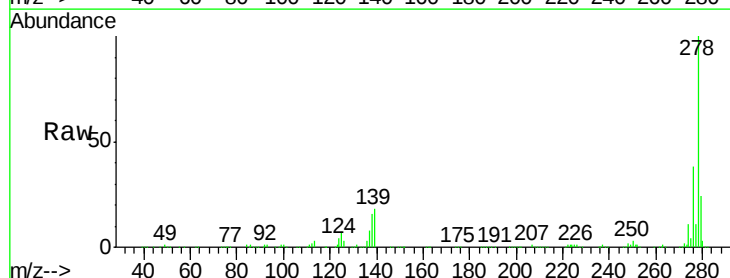
Instrument :
BNA_F
ClientSampleId :

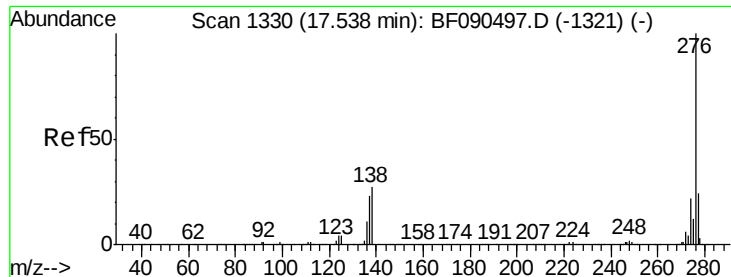
Tot Ion:252 Resp: 861678
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.4
125 16.6 9.8 14.8#



#90
Dibenzo(a,h)anthracene
Concen: 27.60 ng
RT: 17.10 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF090496.D
Acq: 11 Oct 2016 11:52

Tgt Ion:278 Resp: 736917
Ion Ratio Lower Upper
278 100
139 17.8 12.8 19.2
279 23.7 19.6 29.4





#91

Benzo(a,h,i)perylene

Concen: 26.90 ng

RT: 17.53 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF090496.D

Acq: 11 Oct 2016 11:52

Instrument :

BNA_F

ClientSampleId :

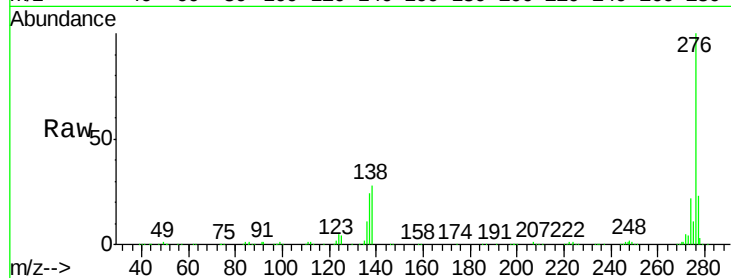
Tot Ion: 276 Resp: 689142

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 27.6 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

