

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090318.D
 Acq On : 30 Sep 2016 17:35
 Operator : UM/SJ
 Sample : H5025-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-4MS

Quant Time: Sep 30 18:55:20 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 30 16:07:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	136291m	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	540429m	20.00	ng	0.00
38) Acenaphthene-d10	9.48	164	284858	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	385613	20.00	ng	0.00
75) Chrysene-d12	13.57	240	267715	20.00	ng	0.00
86) Perylene-d12	14.88	264	254280	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.02	112	865726	103.54	ng	0.02
7) Phenol-d6	6.12	99	1169162	113.22	ng	0.01
23) Nitrobenzene-d5	7.03	82	657869	70.57	ng	0.00
41) 2,4,6-Tribromophenol	10.27	330	246011	100.67	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	956315	65.91	ng	0.00
78) Terphenyl-d14	12.54	244	697406	66.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.87	88	125176	27.59	ng	# 92
3) Pyridine	2.44	79	366961	37.30	ng	98
4) n-Nitrosodimethylamine	2.41	42	115062	39.19	ng	95
6) Aniline	6.11	93	303037m	23.54	ng	
8) 2-Chlorophenol	6.24	128	368575	38.31	ng	87
9) Benzaldehyde	5.99	77	168112	37.36	ng	93
10) Phenol	6.14	94	532137m	43.59	ng	
11) bis(2-Chloroethyl)ether	6.20	93	381576	40.08	ng	92
12) 1,3-Dichlorobenzene	6.39	146	370110m	36.82	ng	
13) 1,4-Dichlorobenzene	6.47	146	372112m	36.26	ng	
14) 1,2-Dichlorobenzene	6.63	146	331631	36.28	ng	98
15) Benzyl Alcohol	6.62	79	268877	43.66	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.75	45	392230	34.48	ng	79
17) 2-Methylphenol	6.74	107	283688	37.44	ng	94
18) Hexachloroethane	6.96	117	124124	33.91	ng	98
19) n-Nitroso-di-n-propylamine	6.89	70	236067	38.92	ng	94
20) 3+4-Methylphenols	6.90	107	376227	41.35	ng	95
22) Acetophenone	6.88	105	588439	45.15	ng	# 98
24) Nitrobenzene	7.05	77	418966	43.13	ng	# 89
25) Isophorone	7.29	82	693187	35.59	ng	97
26) 2-Nitrophenol	7.37	139	195649	40.90	ng	# 83
27) 2,4-Dimethylphenol	7.43	122	324928	38.23	ng	97
28) bis(2-Chloroethoxy)methane	7.52	93	476949	40.48	ng	99
29) 2,4-Dichlorophenol	7.62	162	283098	37.98	ng	99
30) 1,2,4-Trichlorobenzene	7.69	180	290970	39.08	ng	99
31) Naphthalene	7.76	128	988308	38.41	ng	99
32) Benzoic acid	7.52	122	11908	2.04	ng	94
33) 4-Chloroaniline	7.83	127	175875	16.48	ng	97
34) Hexachlorobutadiene	7.88	225	145765	37.11	ng	99
35) Caprolactam	8.20	113	94044	38.12	ng	98
36) 4-Chloro-3-methylphenol	8.33	107	317641	37.70	ng	96
37) 2-Methylnaphthalene	8.46	142	653739	40.85	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.63	216	249609	38.18	ng	97
40) Hexachlorocyclopentadiene	8.60	237	120937	37.48	ng	100

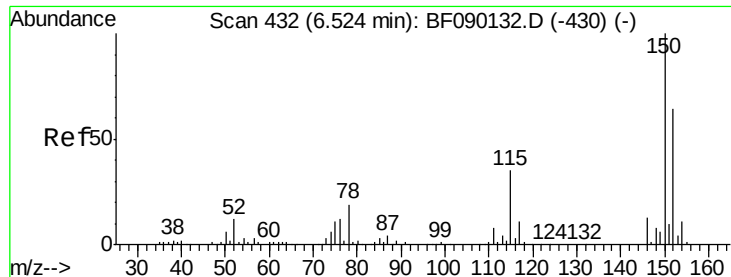
Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090318.D
 Acq On : 30 Sep 2016 17:35
 Operator : UM/SJ
 Sample : H5025-04MS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	178484	38.31	nq	98
43) 2,4,5-Trichlorophenol	8.79	196	192678	39.94	nq	98
45) 1,1'-Biphenyl	8.92	154	763471	37.46	nq	95
46) 2-Chloronaphthalene	8.94	162	534641	35.56	nq	98
47) 2-Nitroaniline	9.04	65	167543	36.96	nq	# 79
48) Acenaphthylene	9.35	152	871710	35.70	nq	100
49) Dimethylphthalate	9.23	163	1168663	64.41	nq	98
50) 2,6-Dinitrotoluene	9.29	165	135941	33.62	nq	97
51) Acenaphthene	9.52	154	526114	36.30	nq	99
52) 3-Nitroaniline	9.45	138	105636	22.28	nq	90
53) 2,4-Dinitrophenol	9.56	184	38896	19.67	nq	99
54) Dibenzofuran	9.69	168	751412	39.40	nq	96
55) 4-Nitrophenol	9.64	139	223905	68.94	nq	93
56) 2,4-Dinitrotoluene	9.69	165	166964	34.92	nq	99
57) Fluorene	10.03	166	565414	39.34	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	143271	39.67	nq	97
59) Diethylphthalate	9.93	149	666417	38.03	nq	99
60) 4-Chlorophenyl-phenylether	10.03	204	250441	38.21	nq	# 82
61) 4-Nitroaniline	10.07	138	154697	32.01	nq	97
62) Azobenzene	10.18	77	691670	37.92	nq	97
64) 4,6-Dinitro-2-methylphenol	10.10	198	60227	24.94	nq	90
65) n-Nitrosodiphenylamine	10.15	169	495113	39.05	nq	99
66) 4-Bromophenyl-phenylether	10.51	248	157441	41.49	nq	# 92
67) Hexachlorobenzene	10.57	284	162523	36.75	nq	# 91
68) Atrazine	10.68	200	135342	38.95	nq	97
69) Pentachlorophenol	10.78	266	179977	71.70	nq	98
70) Phenanthrene	10.98	178	758560	42.06	nq	98
71) Anthracene	11.03	178	764533	40.42	nq	100
72) Carbazole	11.19	167	716986	35.86	nq	99
73) Di-n-butylphthalate	11.54	149	979653	42.13	nq	98
74) Fluoranthene	12.15	202	661845	34.19	nq	99
76) Benzidine	12.30	184	53401	5.96	nq	# 88
77) Pyrene	12.38	202	700824	38.26	nq	98
79) Butylbenzylphthalate	13.02	149	316224	35.29	nq	# 81
80) Benzo(a)anthracene	13.55	228	537623	37.33	nq	100
81) 3,3'-Dichlorobenzidine	13.53	252	127216	21.42	nq	99
82) Chrysene	13.59	228	396751	28.28	nq	99
83) Bis(2-ethylhexyl)phthalate	13.59	149	441013	38.46	nq	# 99
84) Di-n-octyl phthalate	14.19	149	781463	39.56	nq	99
85) Indeno(1,2,3-cd)pyrene	16.02	276	518138	45.67	nq	95
87) Benzo(b)fluoranthene	14.55	252	590551m	41.94	nq	
88) Benzo(k)fluoranthene	14.57	252	438008m	33.15	nq	
89) Benzo(a)pyrene	14.83	252	501374	37.85	nq	# 97
90) Dibenzo(a,h)anthracene	16.03	278	437111	42.29	nq	97
91) Benzo(g,h,i)perylene	16.35	276	418254	41.34	nq	95

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

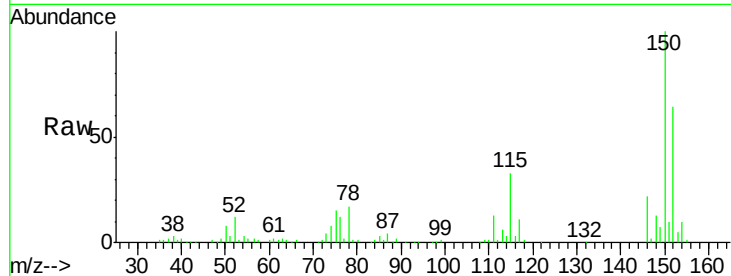


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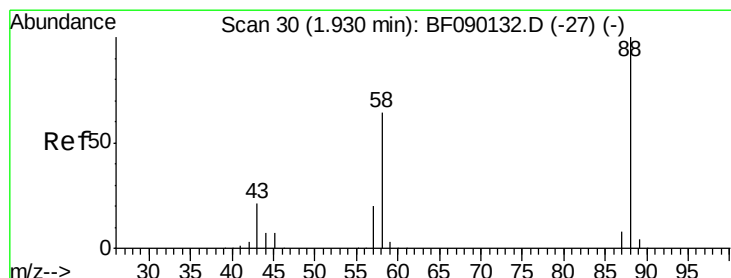
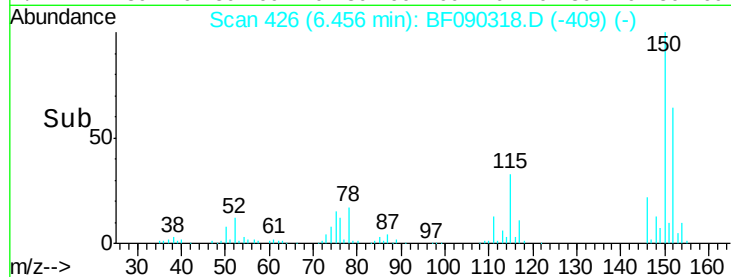
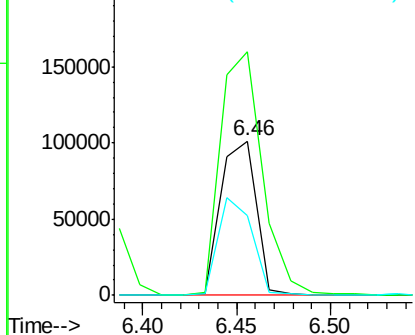
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Instrument :
BNA_F
ClientSampleId :
PA-4MS

Tot Ion:152 Resp: 136291
Ion Ratio Lower Upper
152 100
150 157.5 128.9 193.3
115 51.9 55.5 83.3#



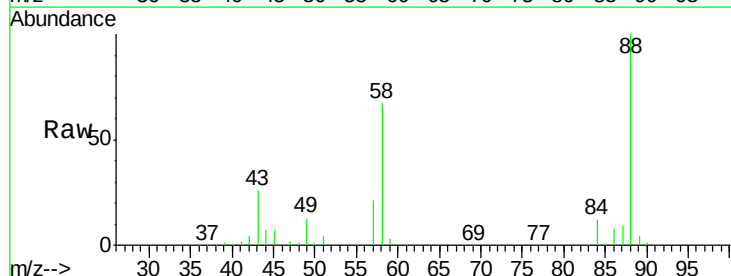
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



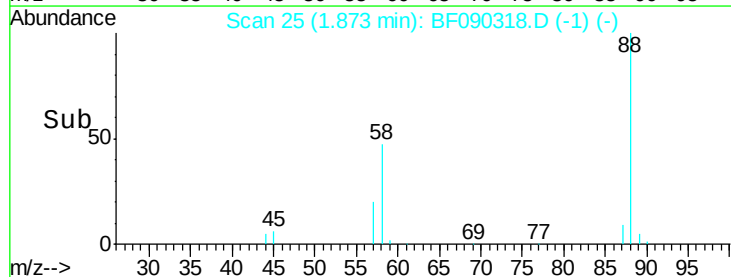
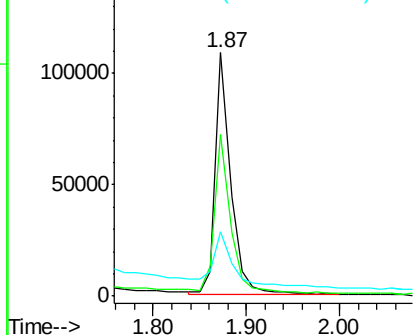
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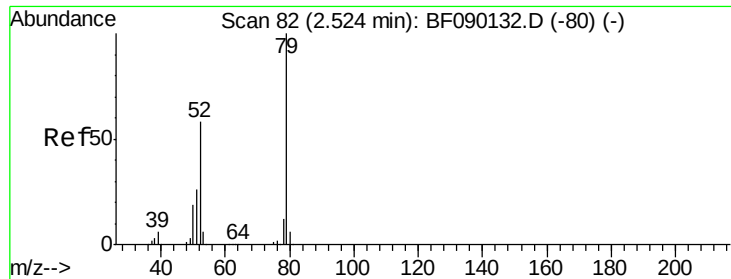
1,4-Dioxane
Concen: 27.59 ng
RT: 1.87 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Tgt Ion: 88 Resp: 125176
Ion Ratio Lower Upper
88 100
58 67.5 53.4 80.0
43 34.0 16.5 24.7#



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

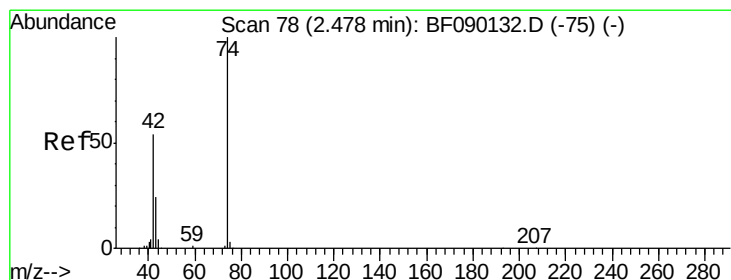
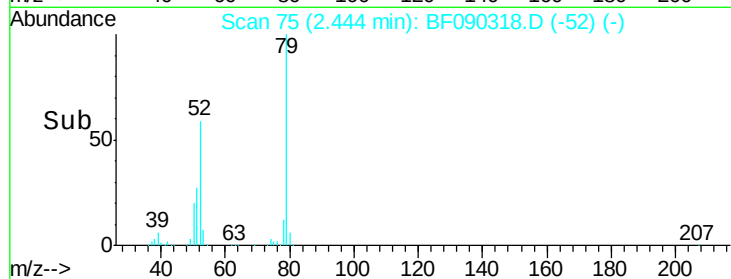
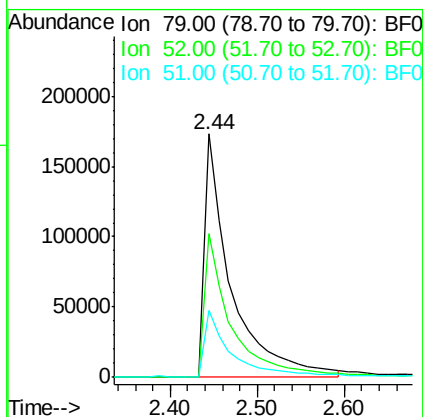
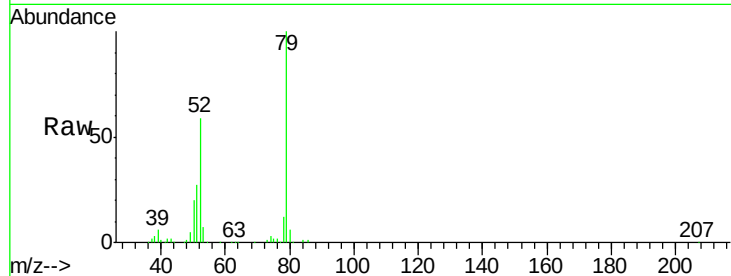




#3
Pvrindine
Concen: 37.30 ng
RT: 2.44 min Scan# 75
Delta R.T. 0.07 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

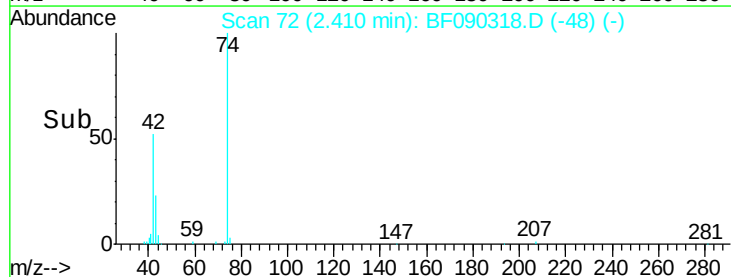
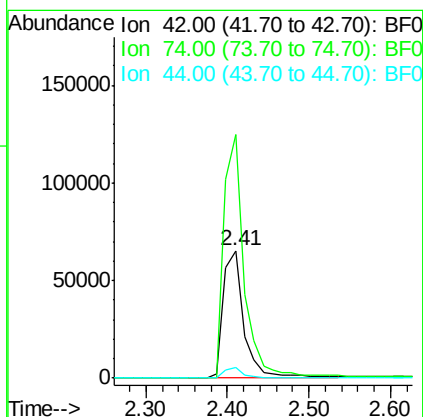
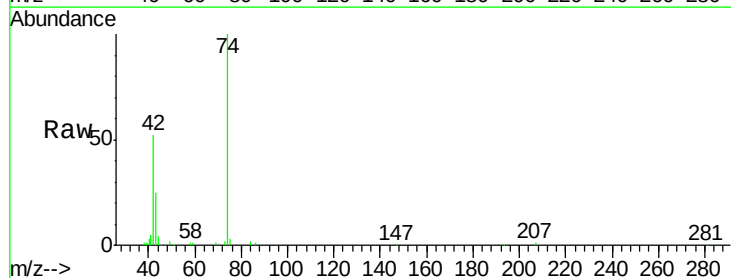
Instrument :
BNA_F
ClientSampleId :
PA-4MS

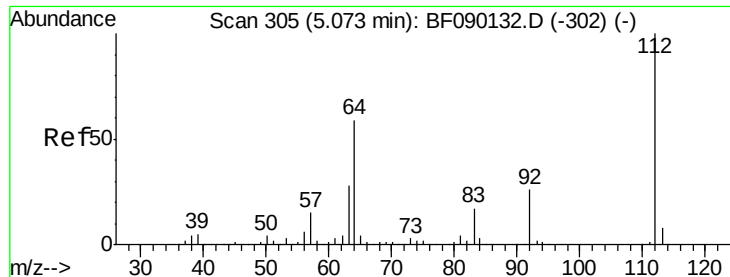
Tot Ion	Ratio	Lower	Upper
79	100		
52	59.1	45.9	68.9
51	27.4	21.3	31.9



#4
n-Nitrosodimethylamine
Concen: 39.19 ng
RT: 2.41 min Scan# 72
Delta R.T. 0.08 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	190.7	158.7	238.1
44	8.5	6.4	9.6





#5

2-Fluorophenol

Concen: 103.54 ng

RT: 5.02 min Scan# 300

Delta R.T. 0.02 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

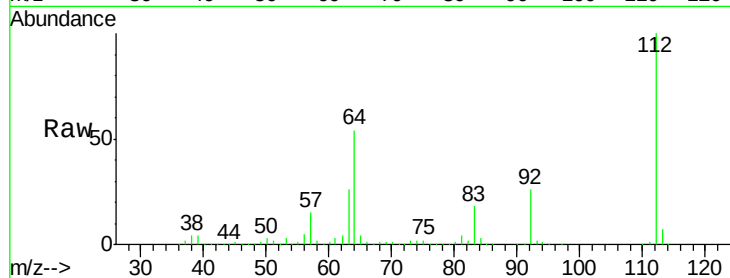
Tot Ion:112 Resp: 865726

Ion Ratio Lower Upper

112 100

64 54.3 39.8 59.6

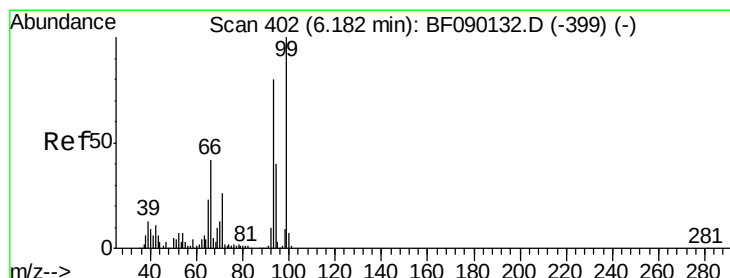
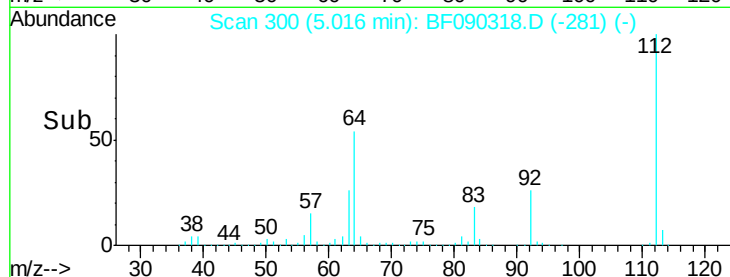
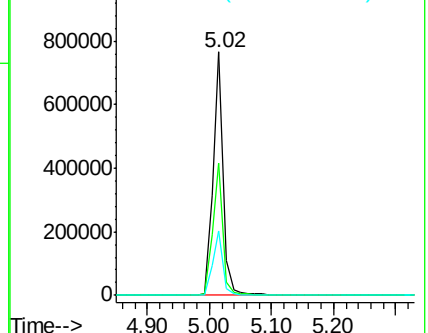
63 26.4 18.9 28.3



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: 23.54 ng m

RT: 6.11 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

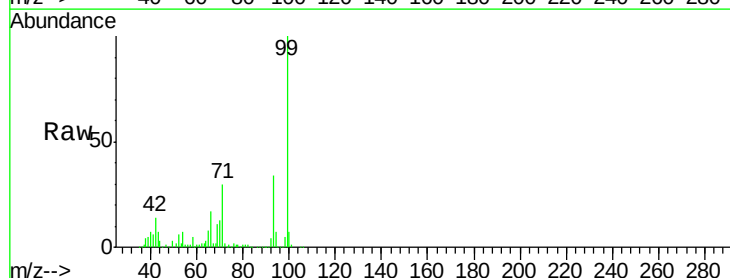
Tgt Ion: 93 Resp: 303037

Ion Ratio Lower Upper

93 100

66 50.8 54.2 81.2#

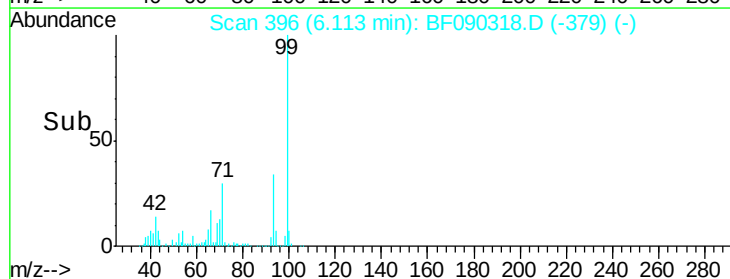
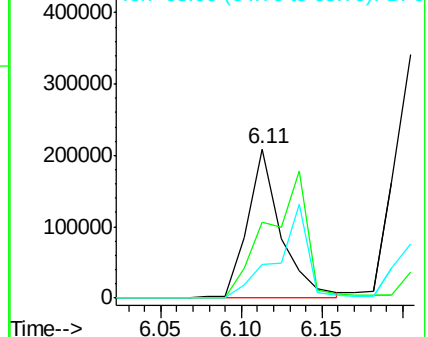
65 22.3 33.8 50.6#

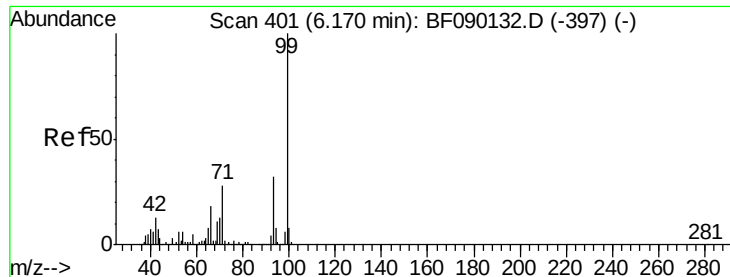


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.22 ng

RT: 6.12 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

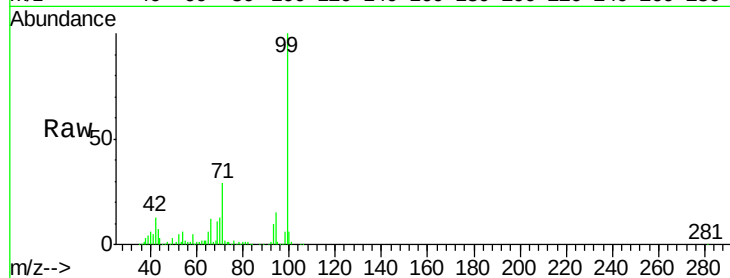
Tot Ion: 99 Resp: 1169162

Ion Ratio Lower Upper

99 100

42 12.7 10.6 15.8

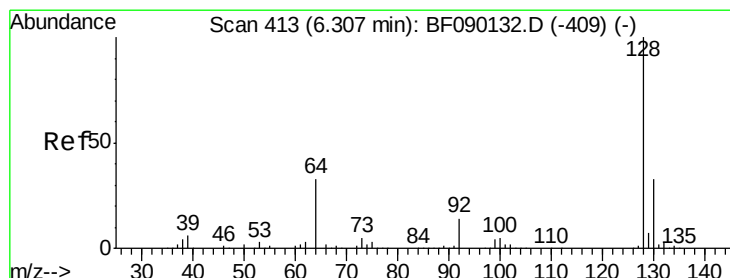
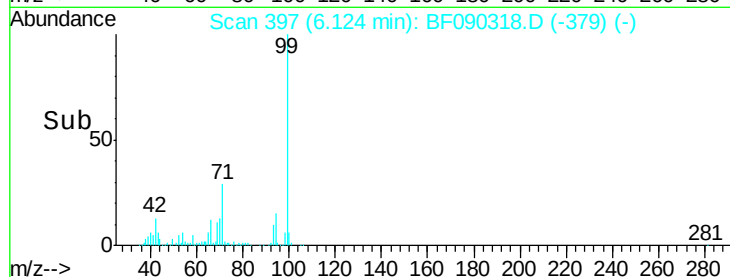
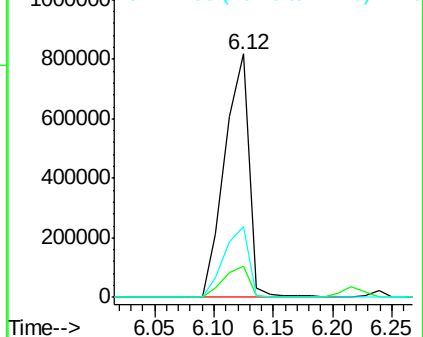
71 29.3 23.0 34.6



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: 38.31 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

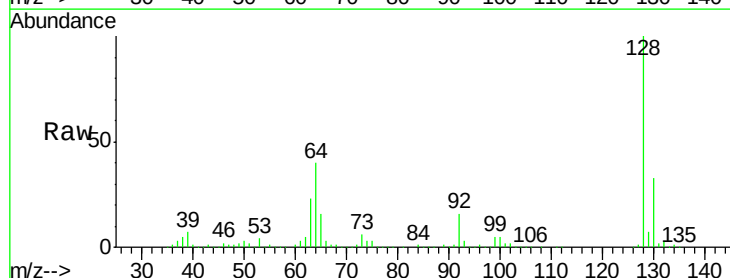
Tgt Ion: 128 Resp: 368575

Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

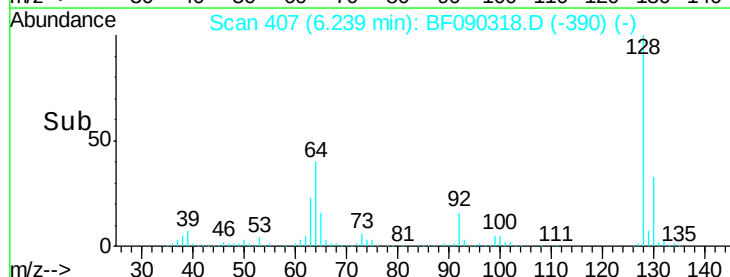
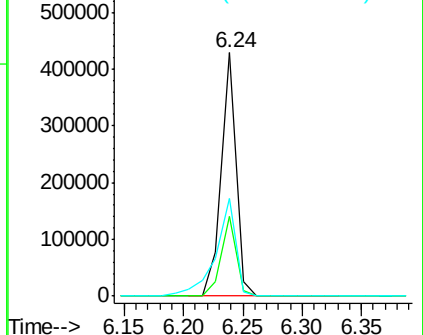
64 39.9 33.6 73.6

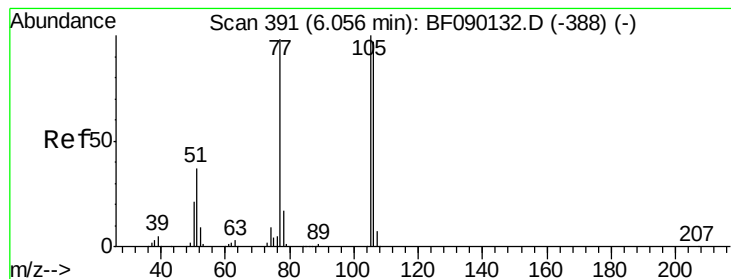


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.36 ng

RT: 5.99 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

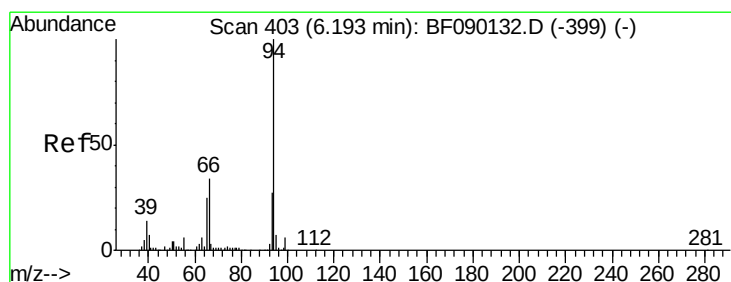
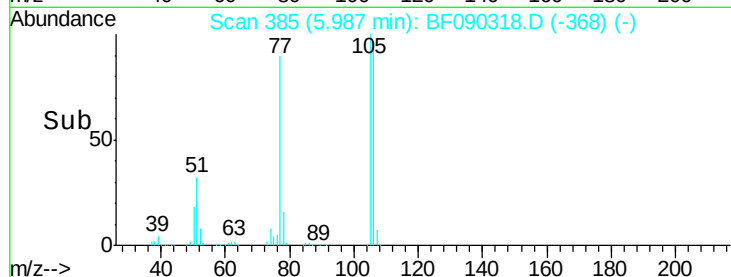
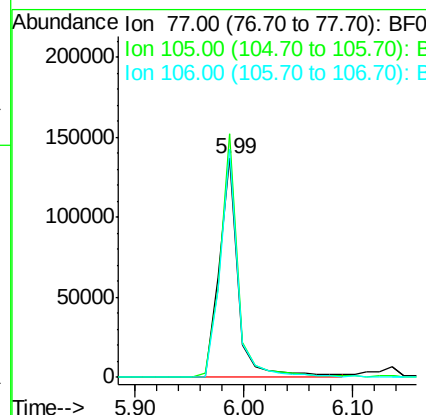
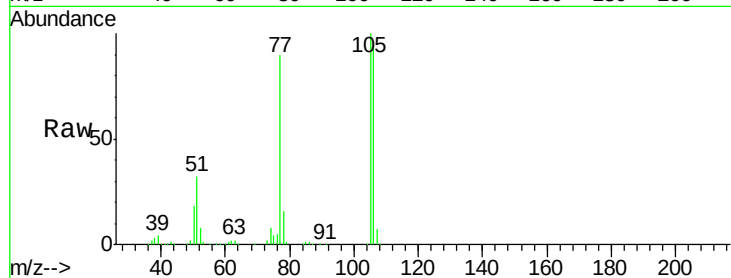
Tot Ion: 77 Resp: 168112

Ion Ratio Lower Upper

77 100

105 111.3 83.0 123.0

106 104.5 78.5 118.5



#10

Phenol

Concen: 43.59 ng m

RT: 6.14 min Scan# 398

Delta R.T. 0.01 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

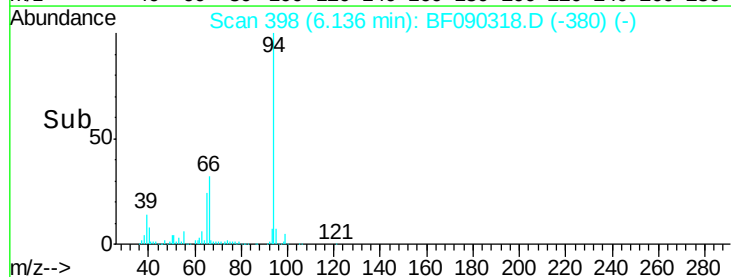
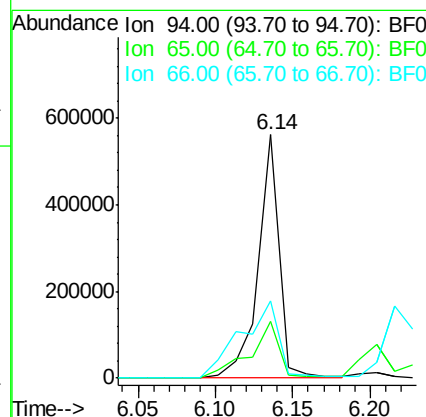
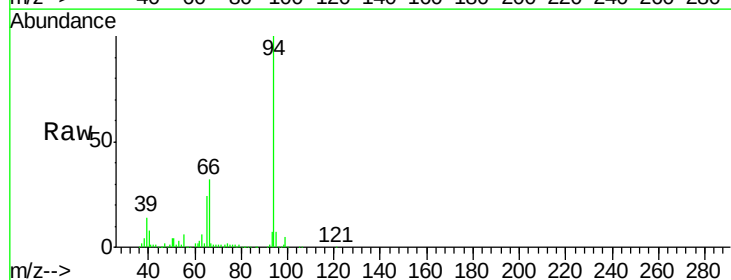
Tgt Ion: 94 Resp: 532137

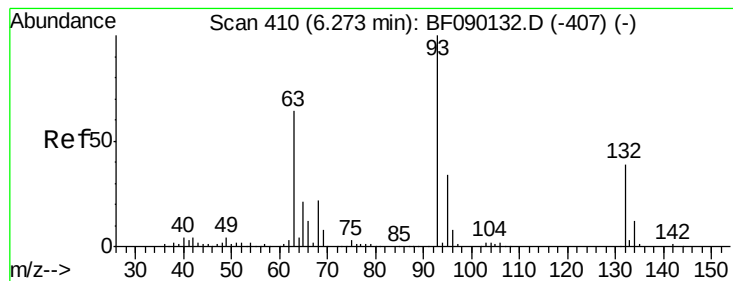
Ion Ratio Lower Upper

94 100

65 23.6 20.6 60.6

66 31.6 45.1 85.1#





#11

bis(2-Chloroethyl)ether

Concen: 40.08 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

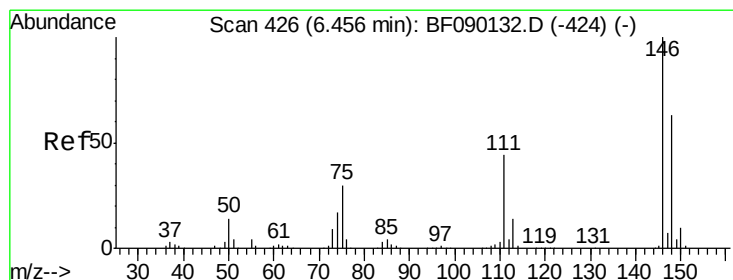
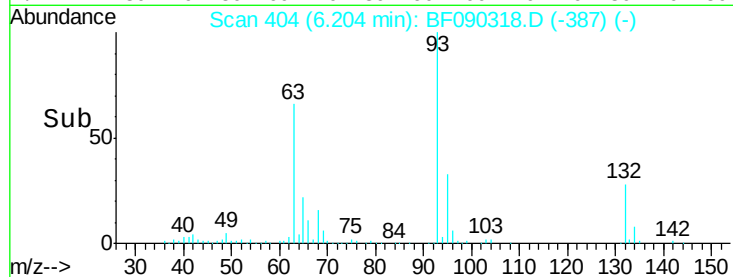
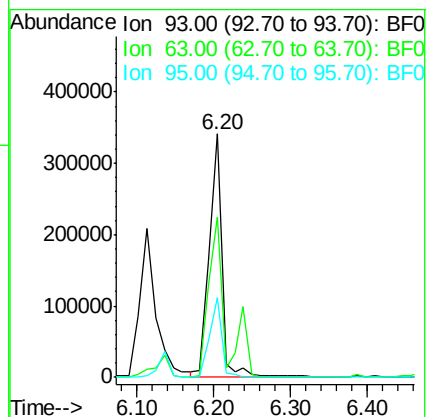
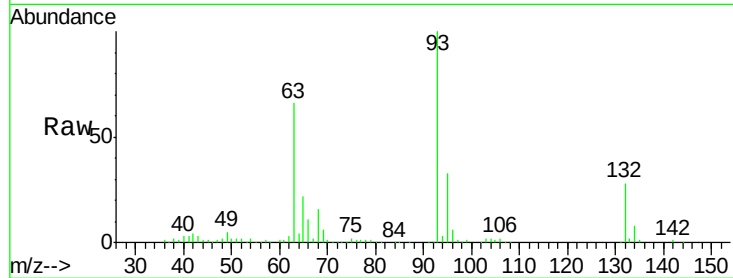
Tot Ion: 93 Resp: 381576

Ion Ratio Lower Upper

93 100

63 66.1 55.6 95.6

95 32.9 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 36.82 ng m

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

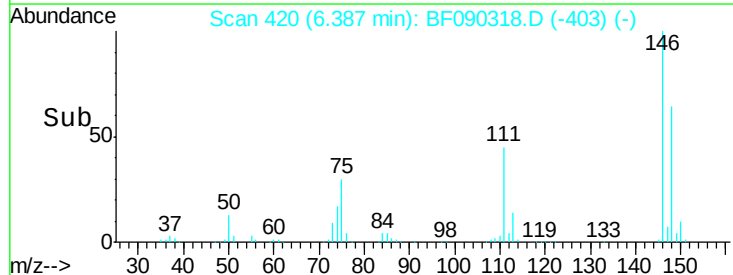
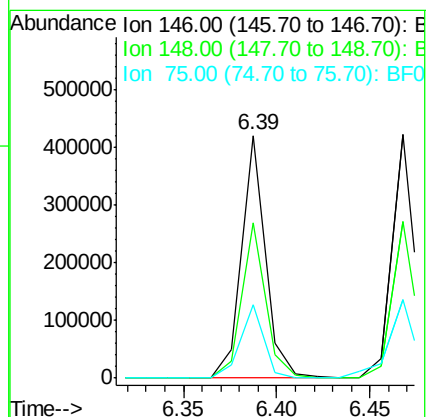
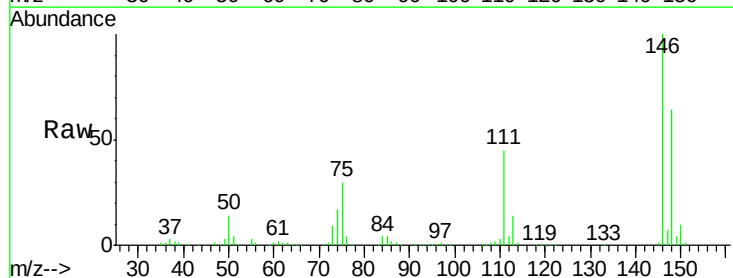
Tgt Ion: 146 Resp: 370110

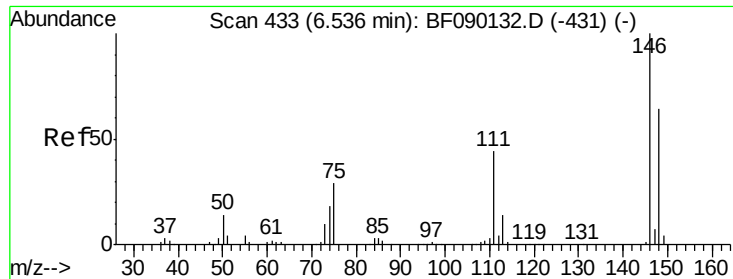
Ion Ratio Lower Upper

146 100

148 64.0 51.9 77.9

75 30.3 22.8 34.2

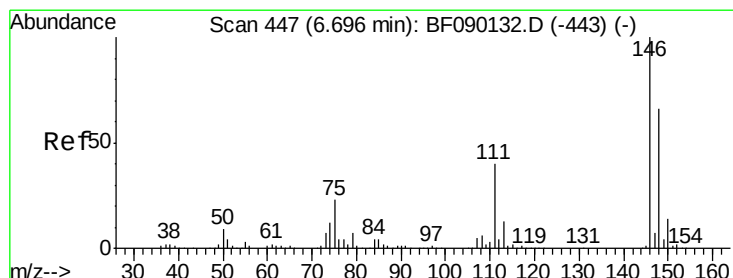
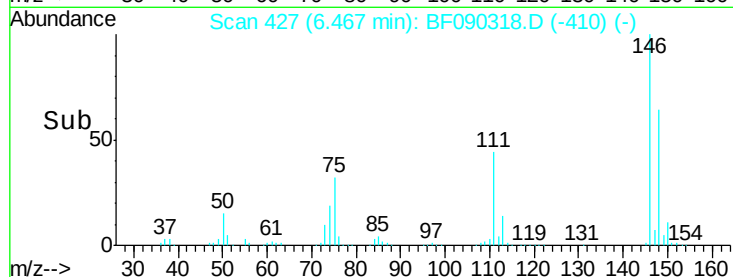
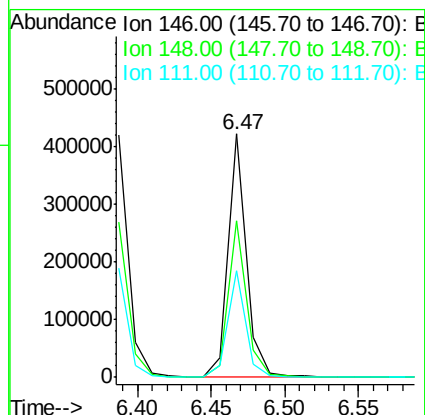
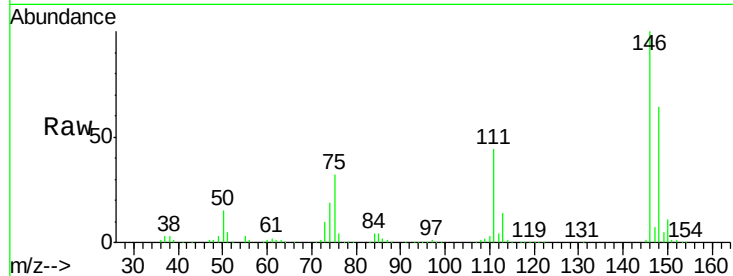




#13
 1,4-Dichlorobenzene
 Concen: 36.26 ng/ml
 RT: 6.47 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

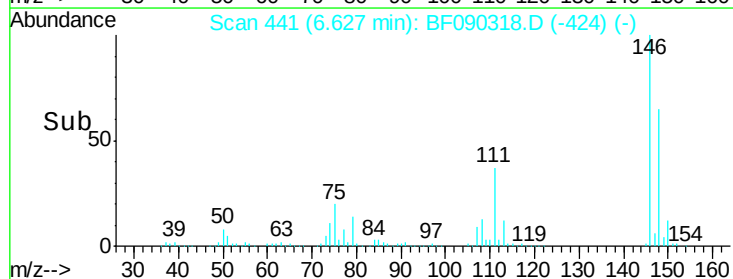
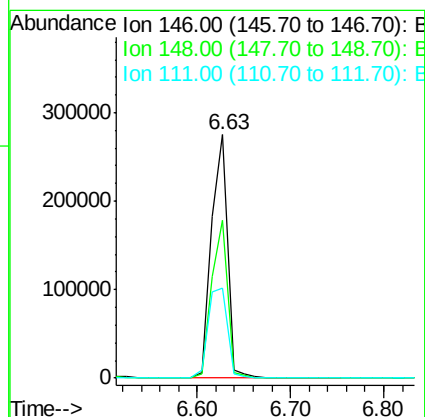
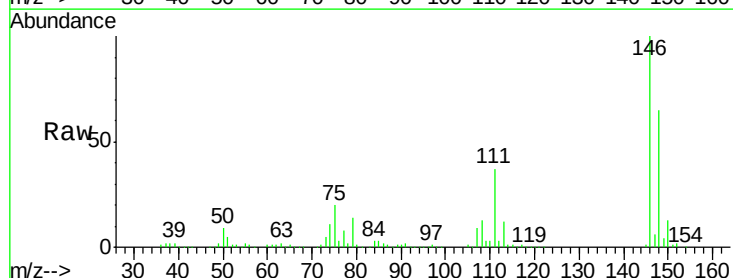
Instrument :
 BNA_F
 ClientSampled :
 PA-4MS

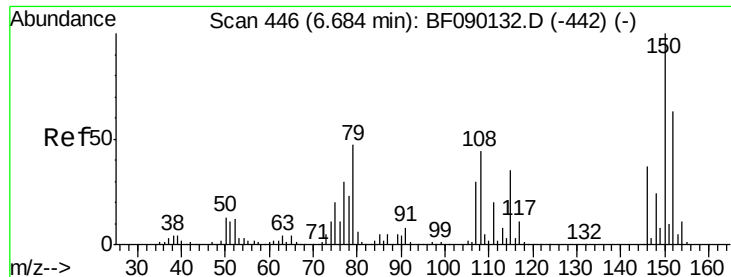
Tot Ion:146 Resp: 372112
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.0 78.0
 111 43.7 33.8 50.6



#14
 1,2-Dichlorobenzene
 Concen: 36.28 ng/ml
 RT: 6.63 min Scan# 441
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

Tgt Ion:146 Resp: 331631
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.6 79.0
 111 37.1 28.2 42.2

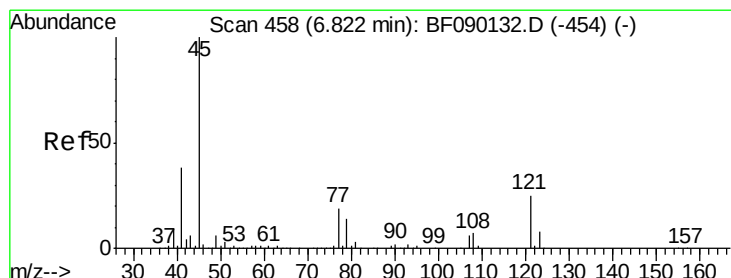
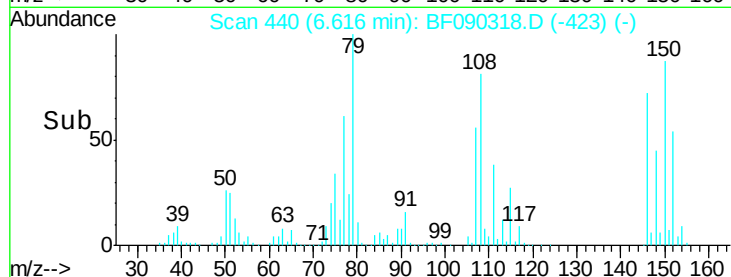
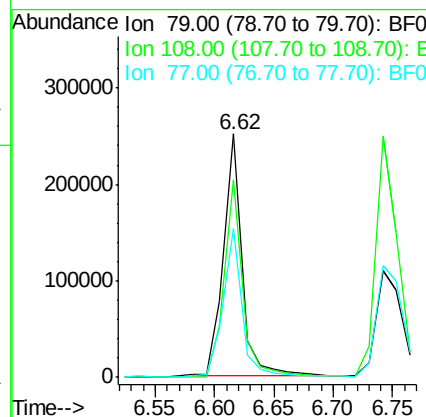
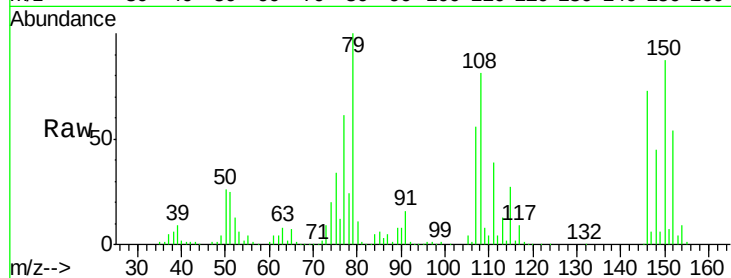




#15
Benzyl Alcohol
Concen: 43.66 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

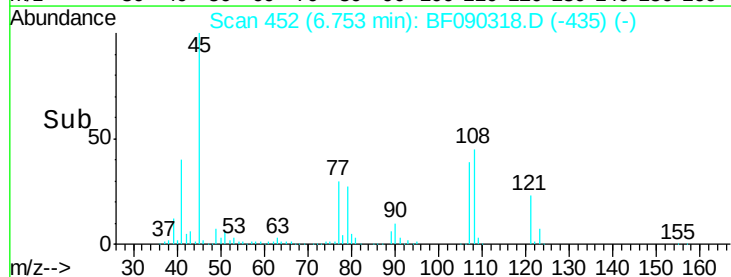
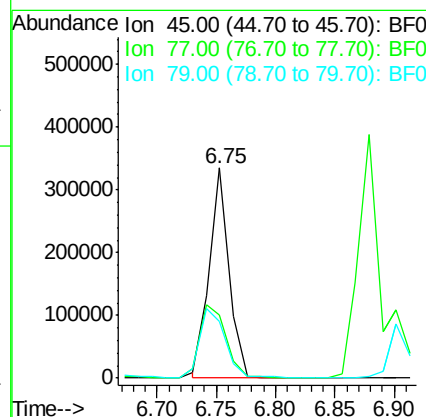
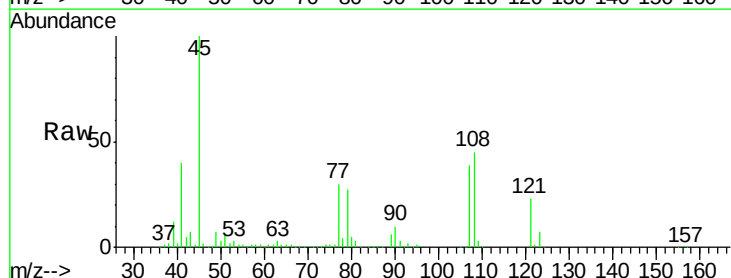
Instrument :
BNA_F
ClientSampleId :
PA-4MS

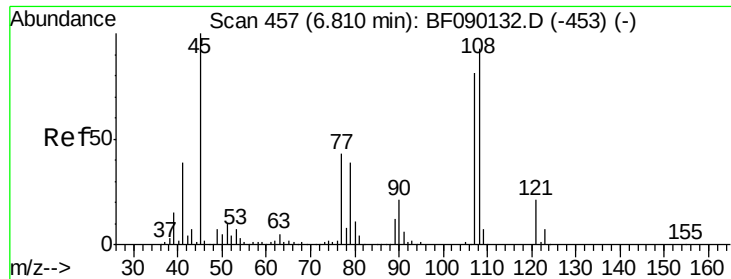
Tot Ion: 79 Resp: 268877
Ion Ratio Lower Upper
79 100
108 81.0 62.2 93.4
77 61.3 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.48 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Tgt Ion: 45 Resp: 392230
Ion Ratio Lower Upper
45 100
77 29.9 0.5 40.5
79 26.9 0.0 37.0

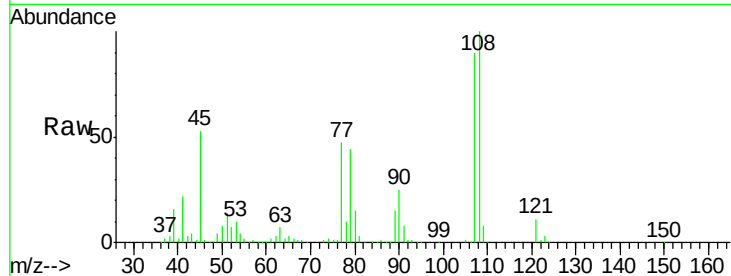




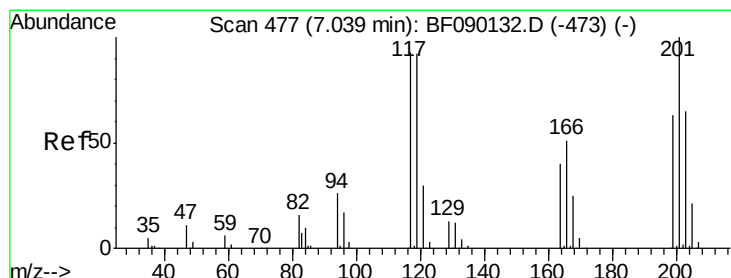
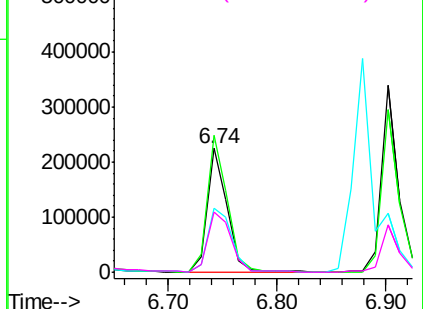
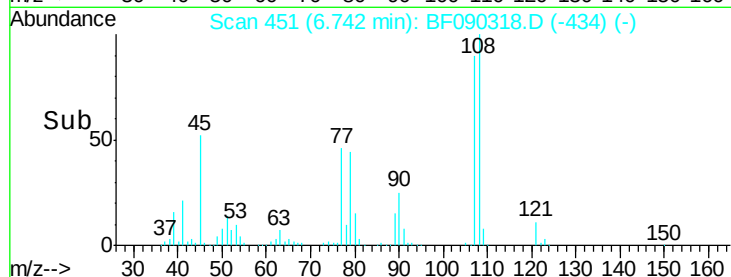
#17
2-Methylphenol
Concen: 37.44 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Instrument :
BNA_F
ClientSampled :
PA-4MS

Tot Ion:107 Resp: 283688
Ion Ratio Lower Upper
107 100
108 111.0 92.0 138.0
77 51.8 35.6 53.4
79 49.0 35.2 52.8

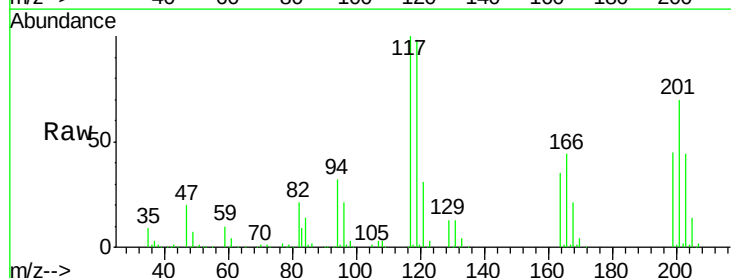


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF0
400000
Ion 79.00 (78.70 to 79.70): BF0
300000
200000
100000
0

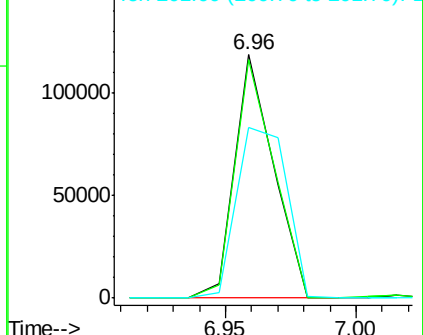
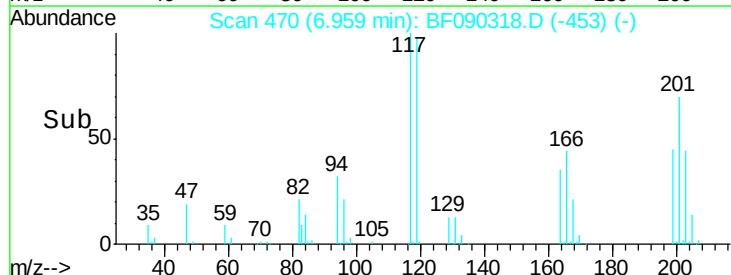


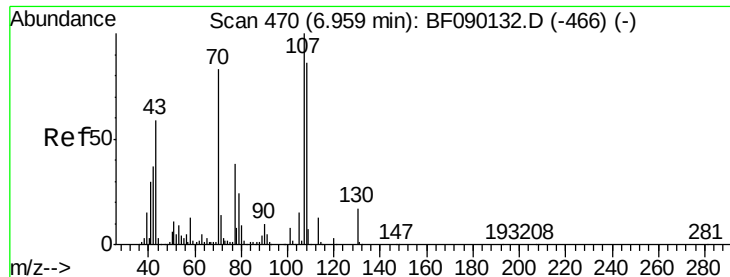
#18
Hexachloroethane
Concen: 33.91 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Tgt Ion:117 Resp: 124124
Ion Ratio Lower Upper
117 100
119 97.8 76.6 115.0
201 70.1 55.5 83.3



Abundance Ion 117.00 (116.70 to 117.70): E
150000
Ion 119.00 (118.70 to 119.70): E
100000
Ion 201.00 (200.70 to 201.70): E
50000
0

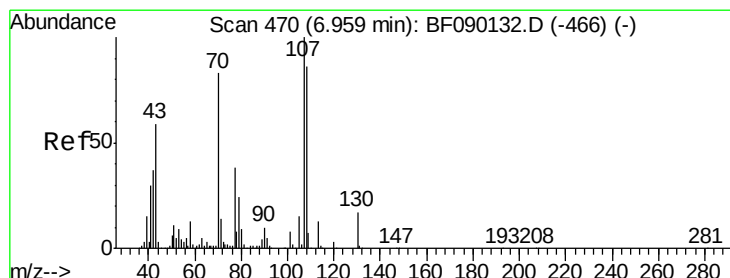
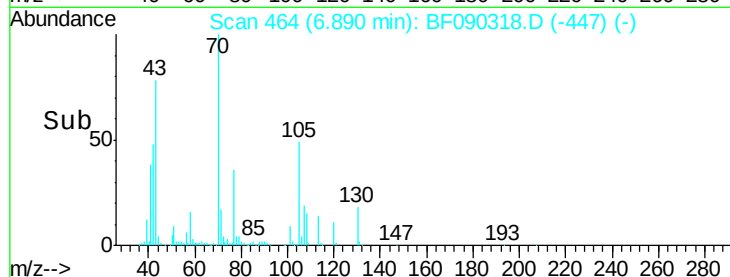
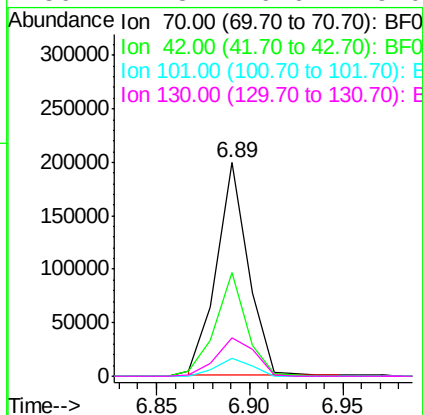
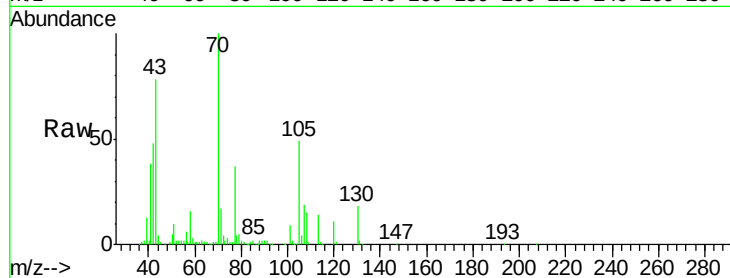




#19
n-Nitroso-di-n-propylamine
Concen: 38.92 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

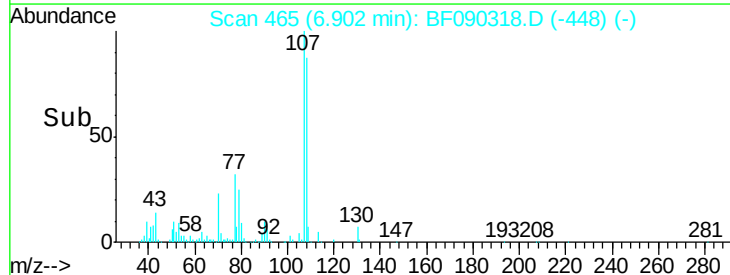
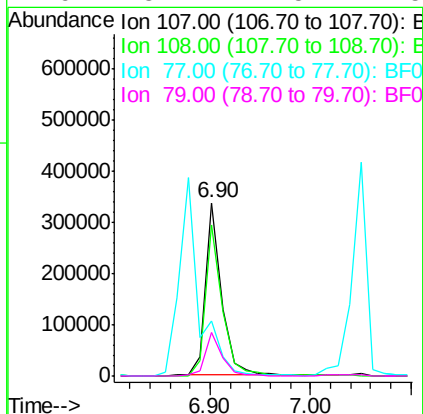
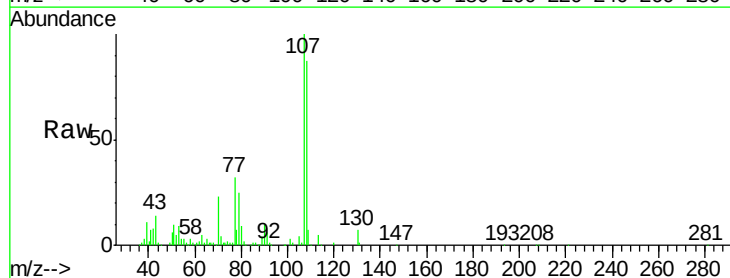
Instrument :
BNA_F
ClientSampleId :
PA-4MS

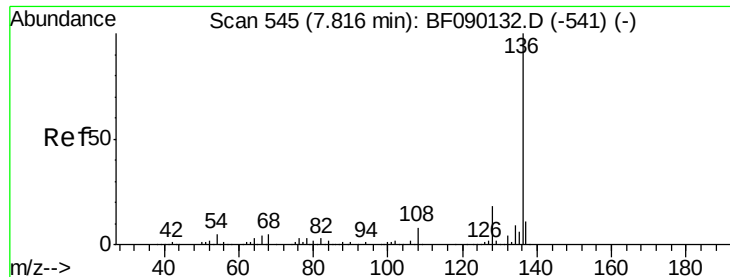
Tot Ion:	70	Resp:	236067
Ion	Ratio	Lower	Upper
70	100		
42	48.4	35.1	52.7
101	8.5	7.5	11.3
130	17.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.35 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Tgt Ion:	107	Resp:	376227
Ion	Ratio	Lower	Upper
107	100		
108	87.4	73.3	113.3
77	31.8	14.1	54.1
79	25.4	7.5	47.5

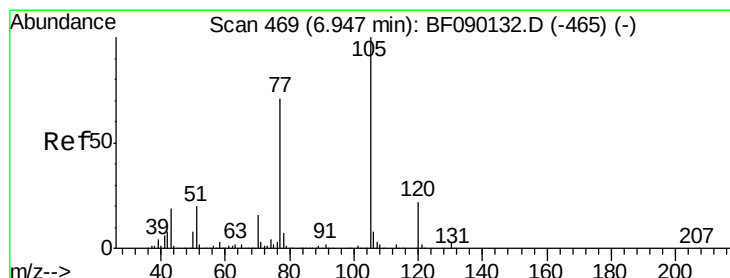
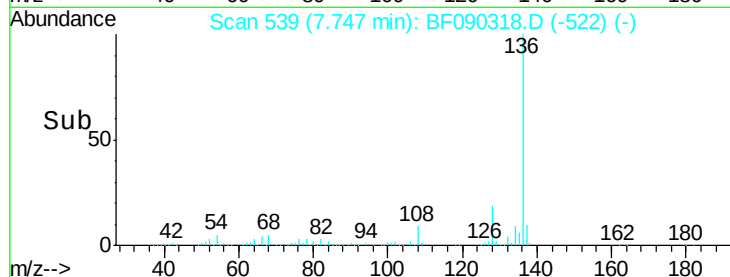
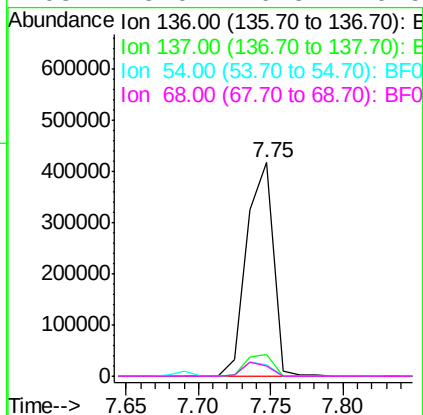
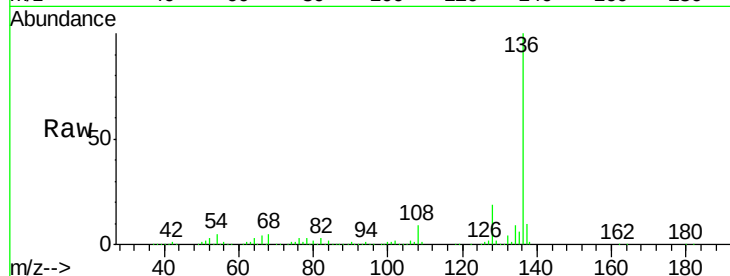




#21
Naphthalene-d8
Concen: 20.00 ng/mL
RT: 7.75 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

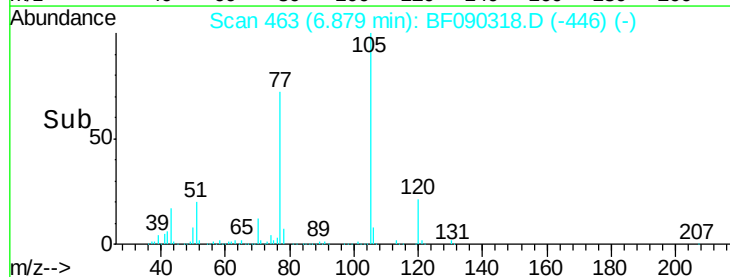
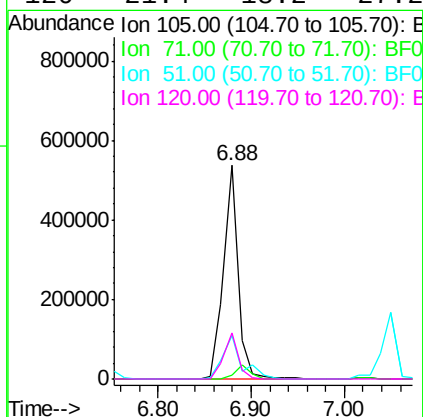
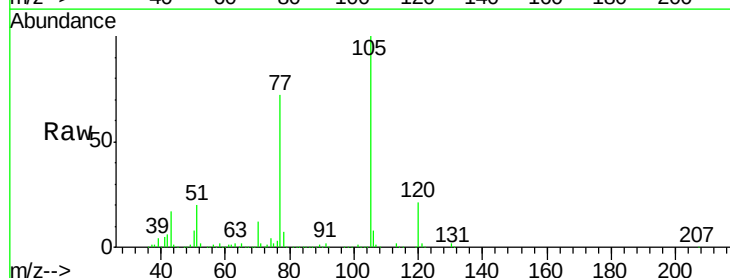
Instrument :
BNA_F
ClientSampleId :
PA-4MS

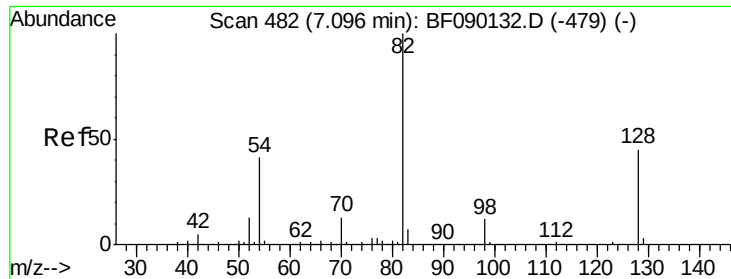
Tot Ion:136	Resp:	540429
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.0 13.4
54	5.2	6.4 9.6#
68	5.0	6.3 9.5#



#22
Acetophenone
Concen: 45.15 ng/mL
RT: 6.88 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Tgt Ion:105	Resp:	588439
Ion Ratio	Lower	Upper
105	100	
71	2.0	4.1 6.1#
51	20.4	16.2 24.2
120	21.4	18.2 27.2

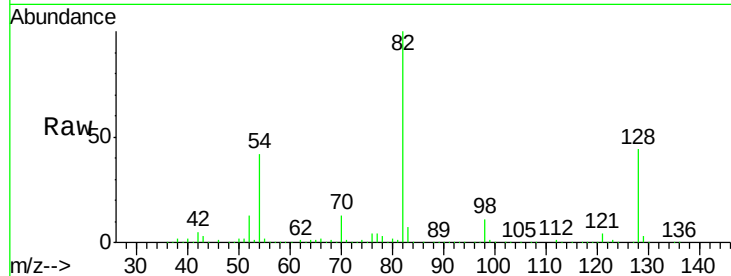




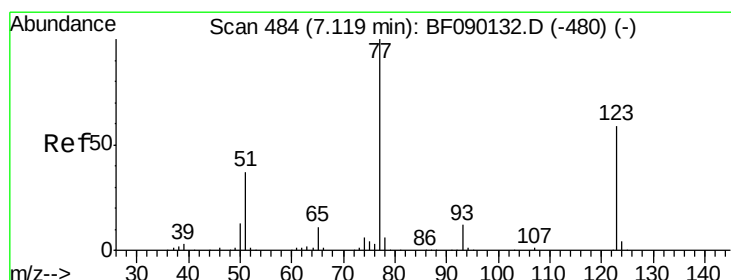
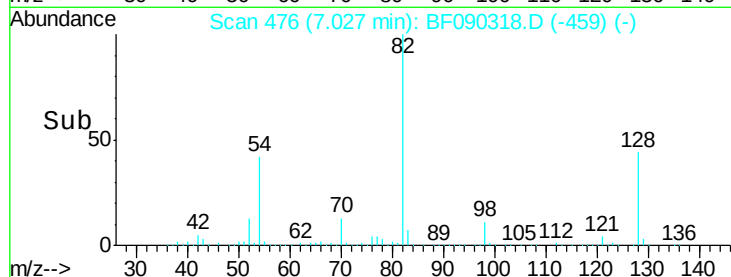
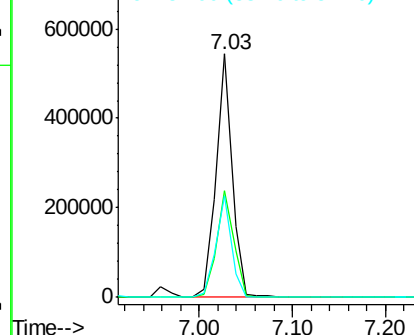
#23
 Nitrobenzene-d5
 Concen: 70.57 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-4MS

Tot Ion	82	Resp	657869
Ion Ratio	Lower	Upper	
82	100		
128	44.0	37.5	56.3
54	41.8	31.9	47.9

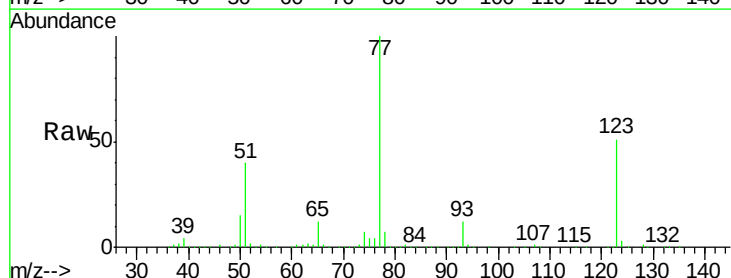


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

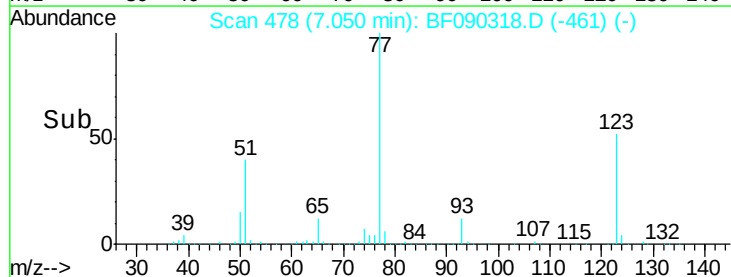
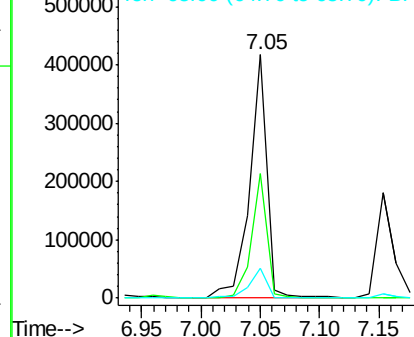


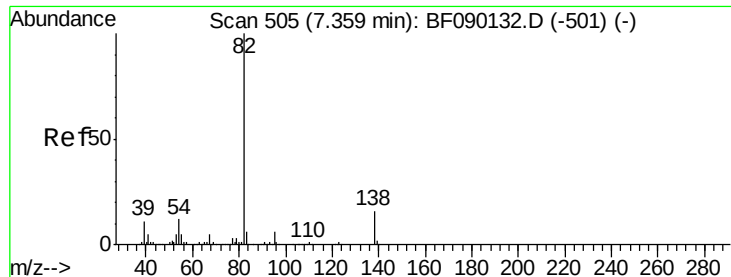
#24
 Nitrobenzene
 Concen: 43.13 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

Tgt Ion	77	Resp	418966
Ion Ratio	Lower	Upper	
77	100		
123	51.0	33.4	50.2#
65	12.2	10.1	15.1



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





#25

Isophorone

Concen: 35.59 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

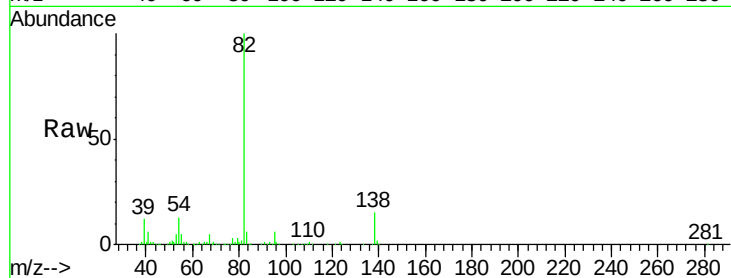
Tot Ion: 82 Resp: 693187

Ion Ratio Lower Upper

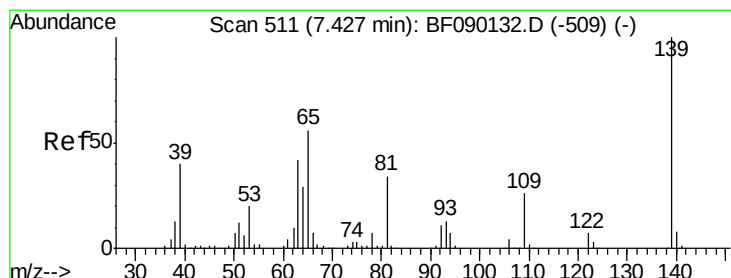
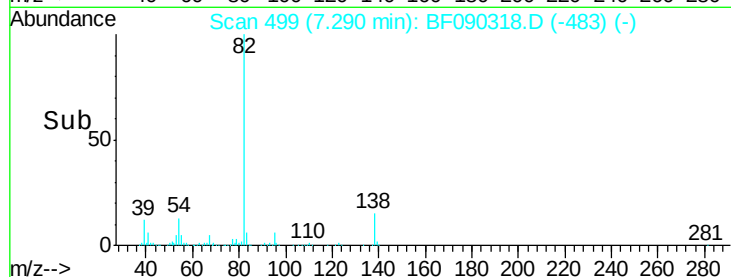
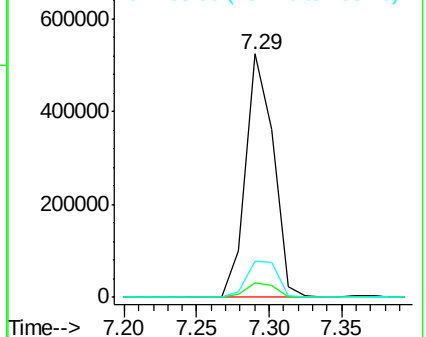
82 100

95 6.2 5.1 7.7

138 15.0 13.5 20.3



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



#26

2-Nitrophenol

Concen: 40.90 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

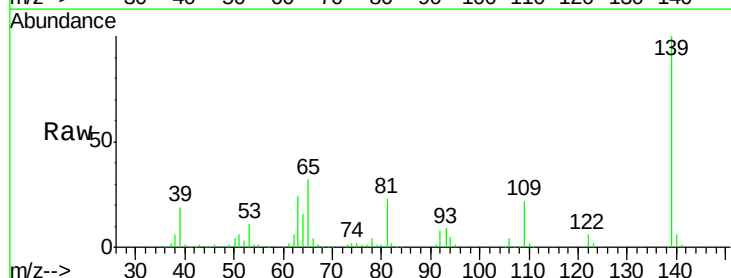
Tgt Ion: 139 Resp: 195649

Ion Ratio Lower Upper

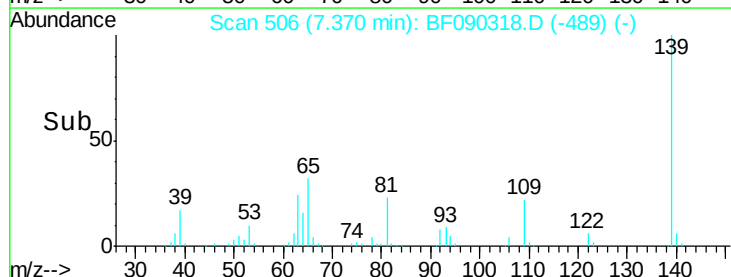
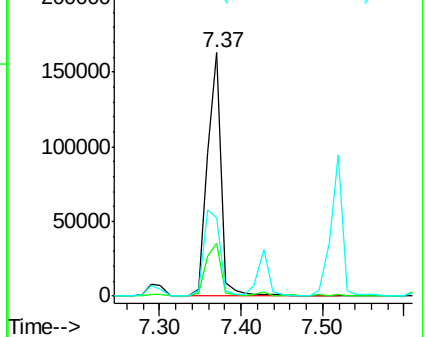
139 100

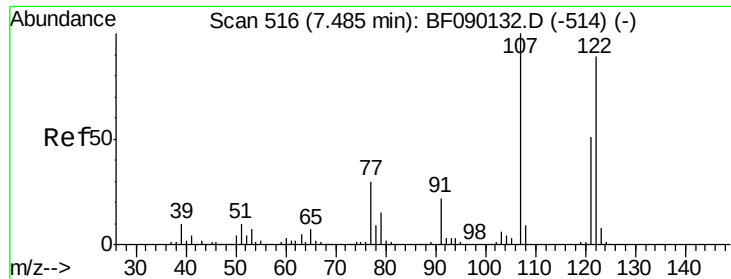
109 21.9 20.5 30.7

65 32.2 37.9 56.9#



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





#27

2,4-Dimethylphenol

Concen: 38.23 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampled :

PA-4MS

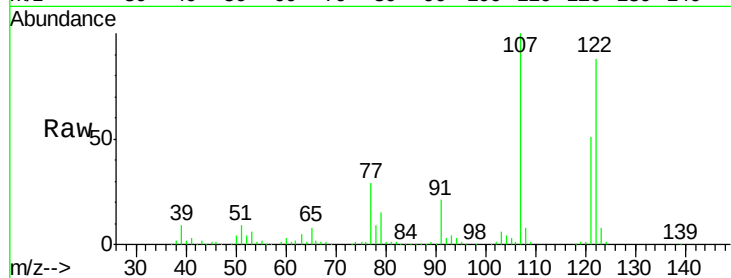
Tot Ion:122 Resp: 324928

Ion Ratio Lower Upper

122 100

107 113.0 87.8 131.6

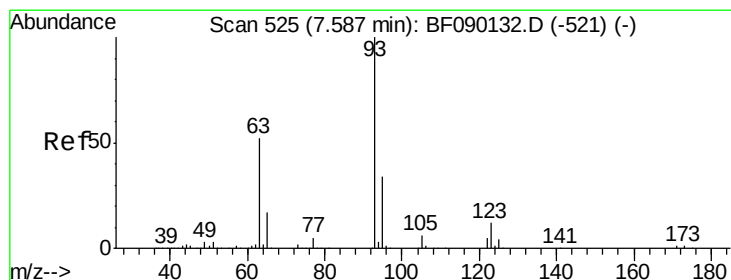
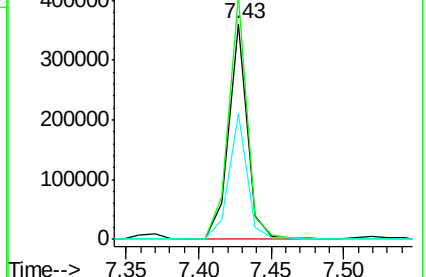
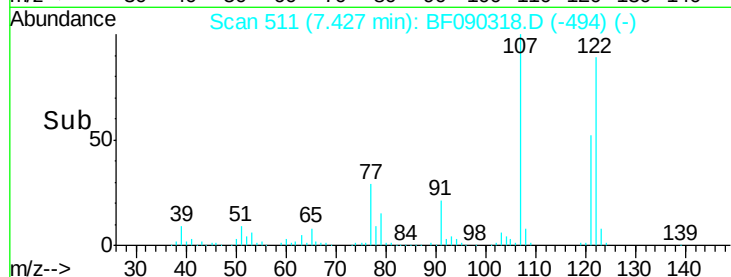
121 58.1 45.7 68.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.48 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

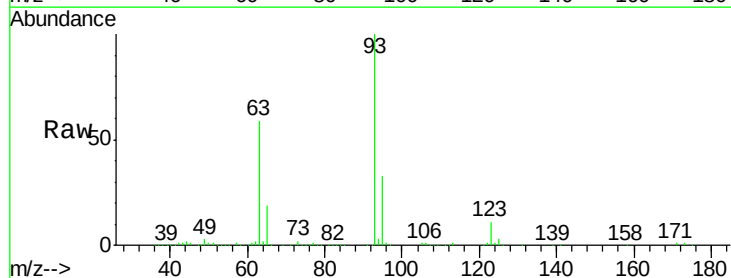
Tgt Ion: 93 Resp: 476949

Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

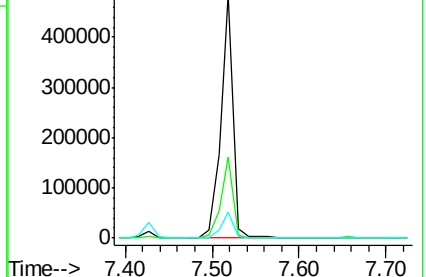
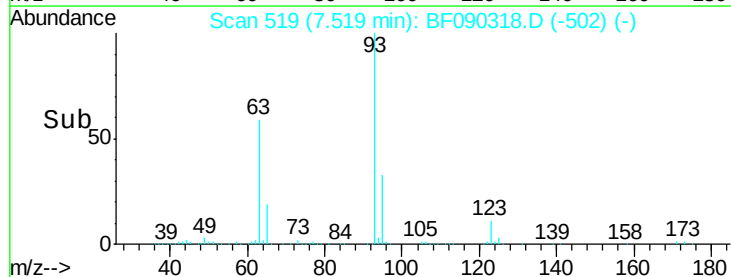
123 10.8 8.5 12.7

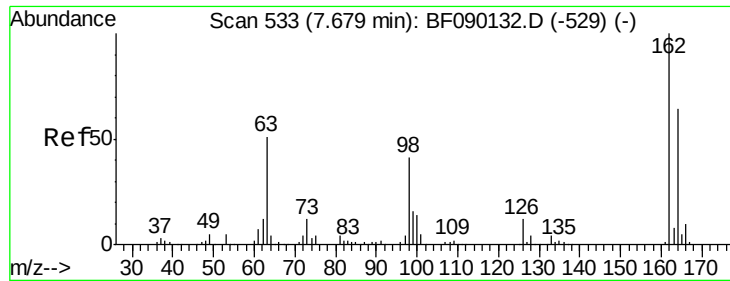


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

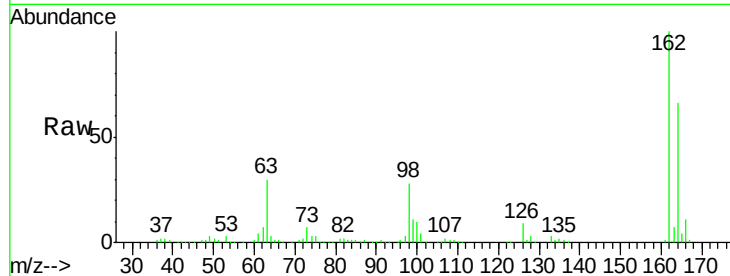




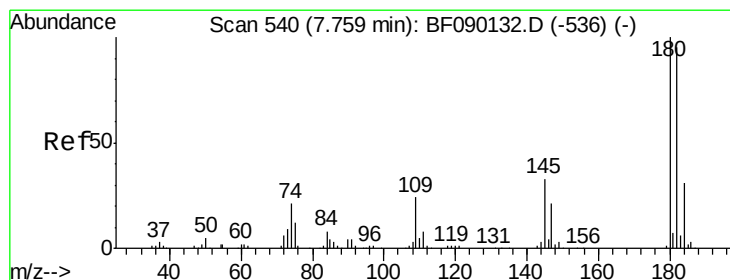
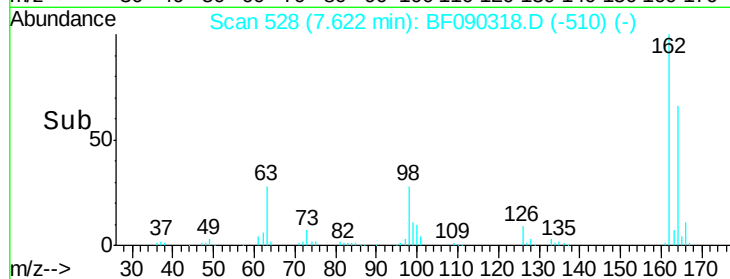
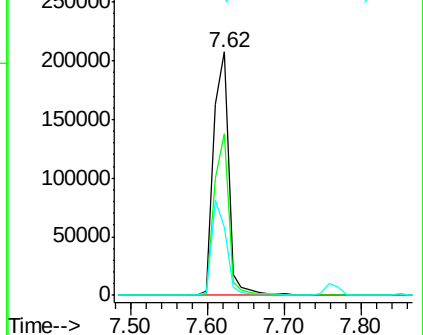
#29
 2,4-Dichlorophenol
 Concen: 37.98 ng
 RT: 7.62 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

Instrument :
 BNA_F
 ClientSampled :
 PA-4MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	46.2	86.2
98	28.2	10.4	50.4

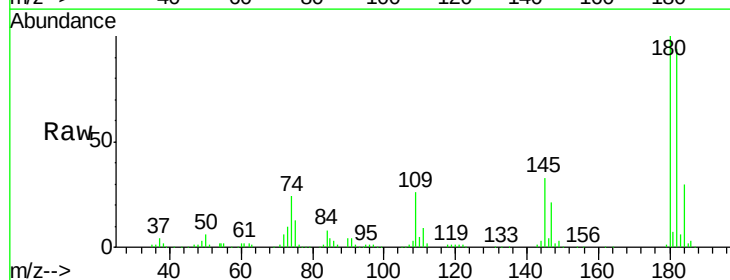


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

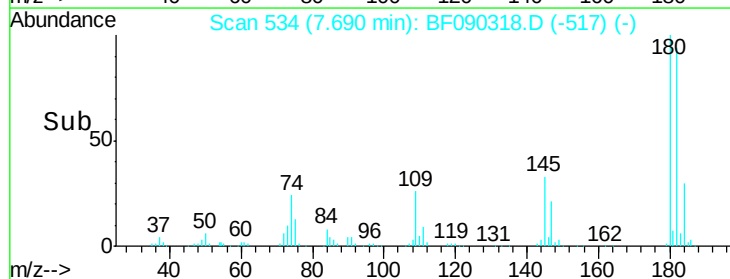
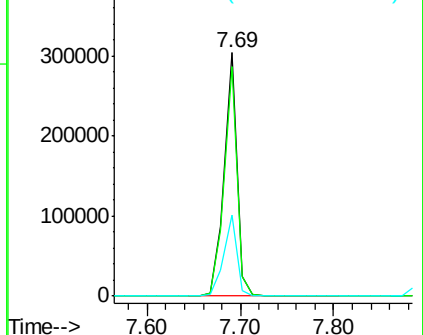


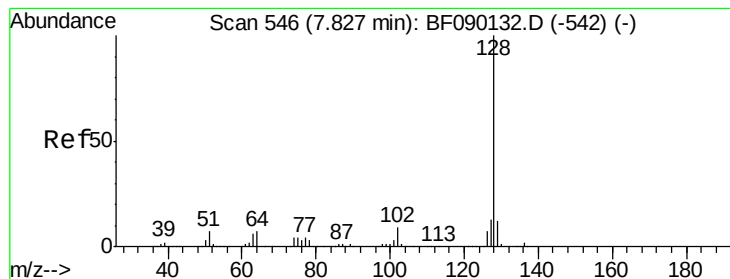
#30
 1,2,4-Trichlorobenzene
 Concen: 39.08 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.0	112.6
145	33.2	28.6	42.8



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





#31

Naphthalene

Concen: 38.41 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampled :

PA-4MS

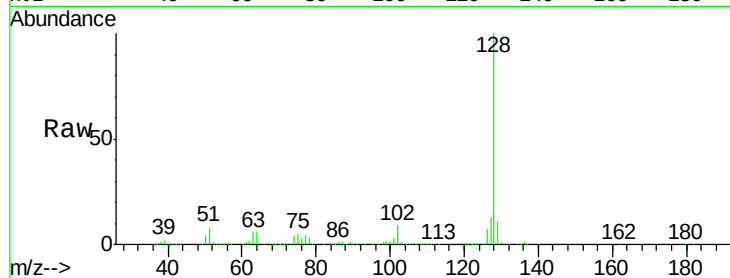
Tot Ion:128 Resp: 988308

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

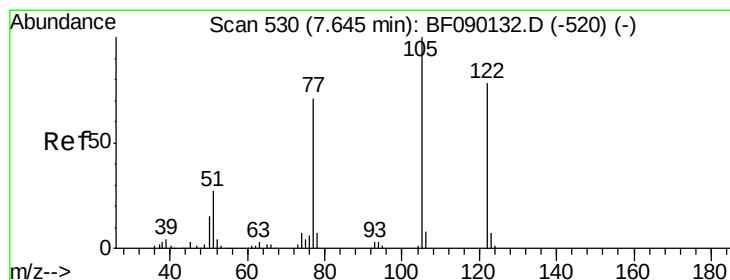
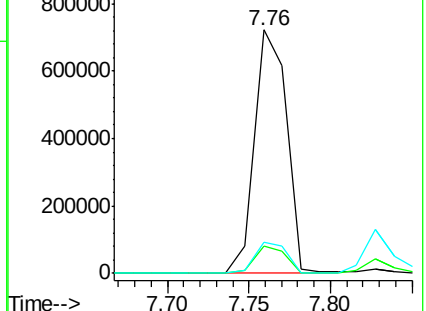
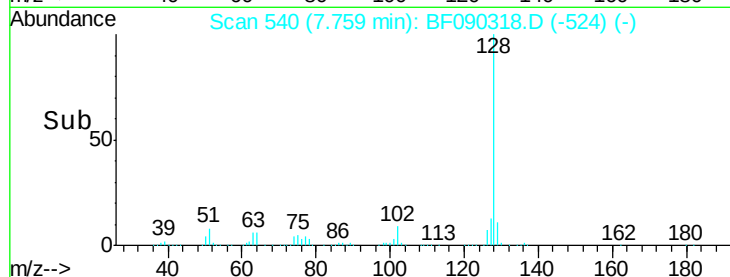
127 13.0 10.8 16.2



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: 2.04 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.06 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

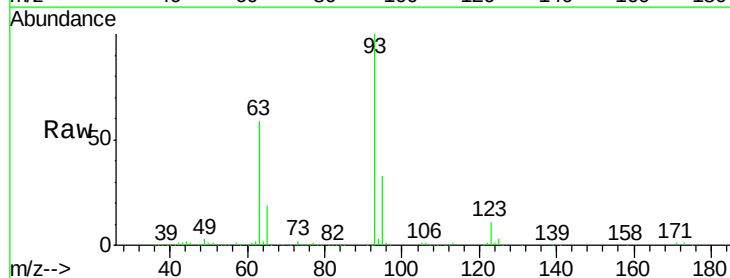
Tgt Ion:122 Resp: 11908

Ion Ratio Lower Upper

122 100

105 114.4 105.0 145.0

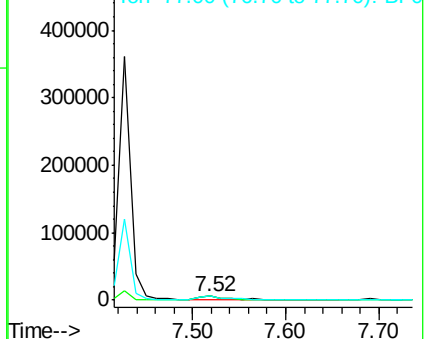
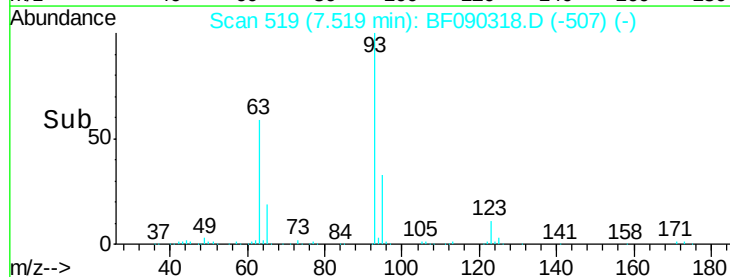
77 91.0 70.4 110.4

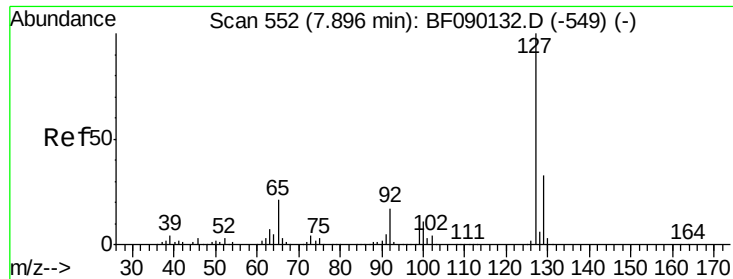


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

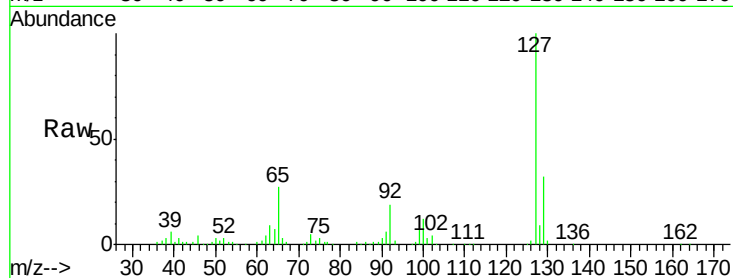




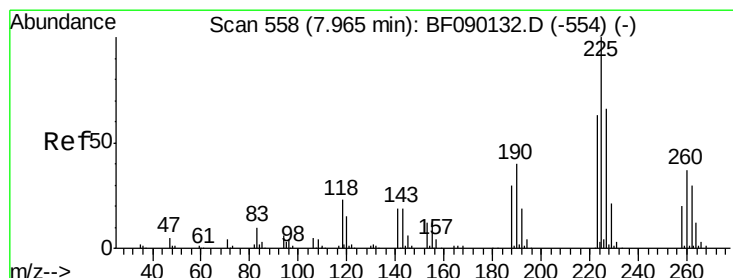
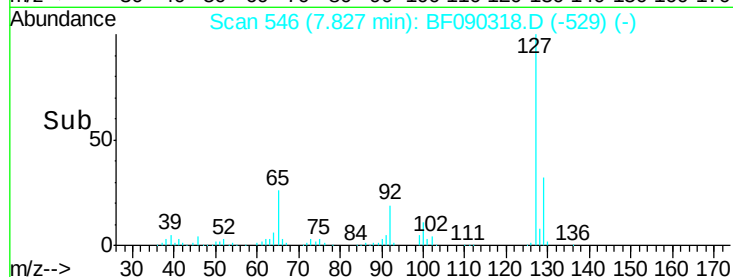
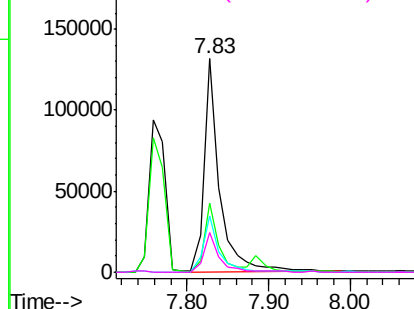
#33
4-Chloroaniline
Concen: 16.48 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Instrument :
BNA_F
ClientSampleId :
PA-4MS

Tot Ion:	127	Resp:	175875
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	26.6	24.1	36.1
92	18.7	16.3	24.5

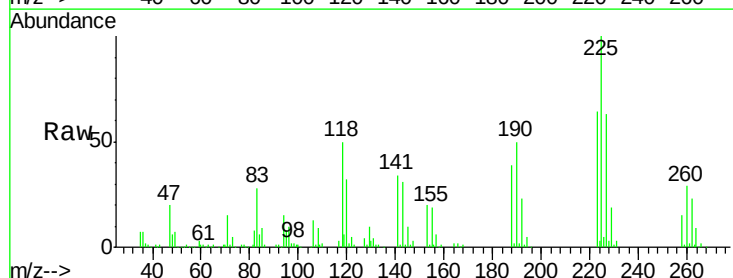


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

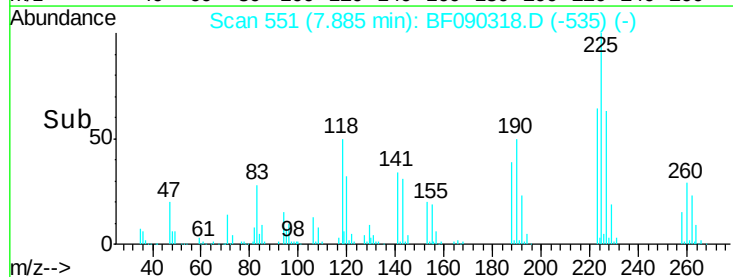
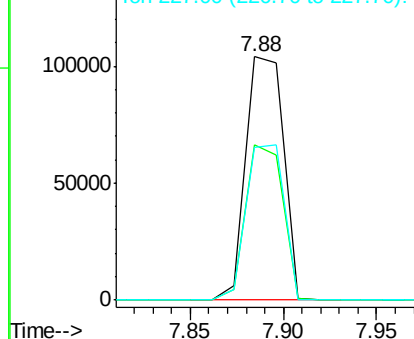


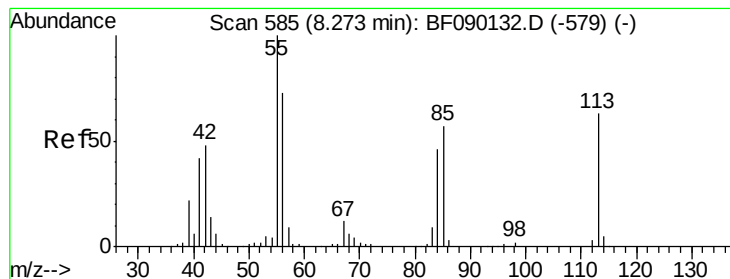
#34
Hexachlorobutadiene
Concen: 37.11 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Tgt Ion:	225	Resp:	145765
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.3	76.9
227	62.7	51.4	77.0



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





#35

Caprolactam

Concen: 38.12 ng

RT: 8.20 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

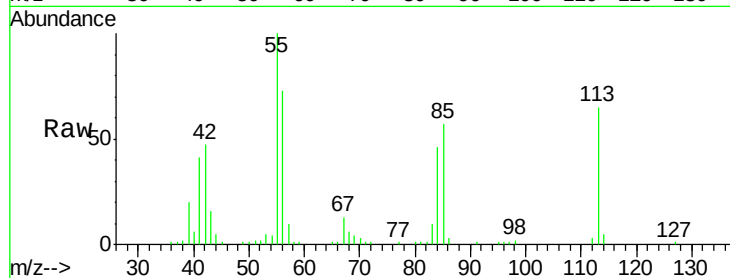
Tot Ion:113 Resp: 94044

Ion Ratio Lower Upper

113 100

55 152.9 134.5 174.5

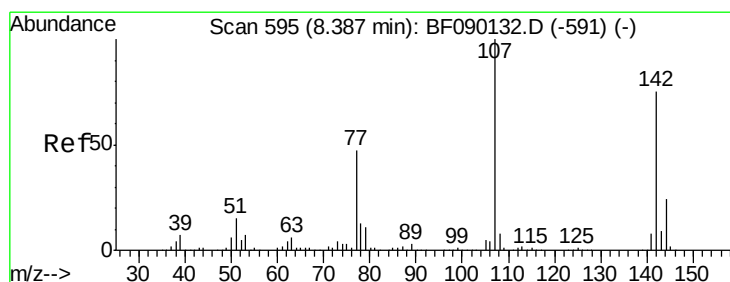
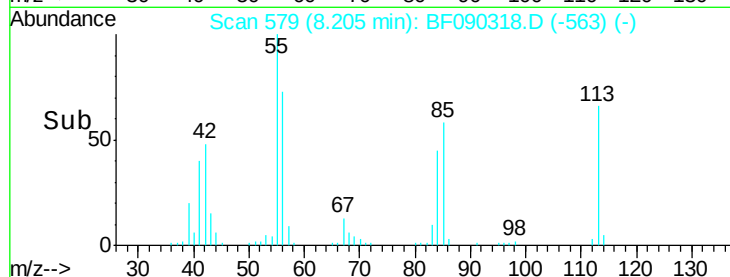
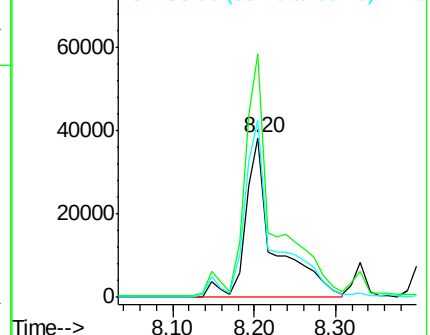
56 111.0 93.7 133.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.70 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

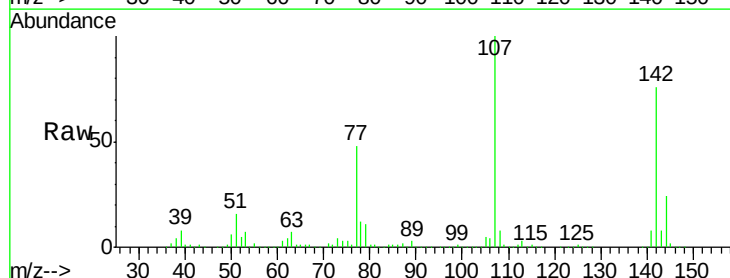
Tgt Ion:107 Resp: 317641

Ion Ratio Lower Upper

107 100

144 23.7 18.6 27.8

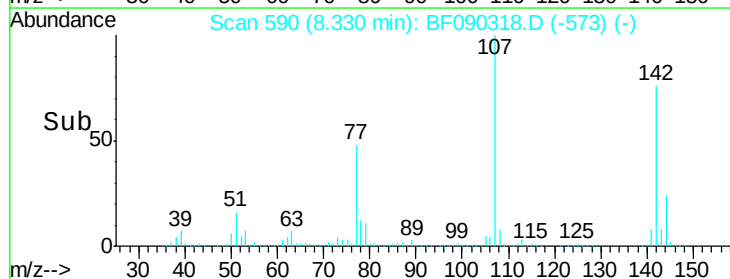
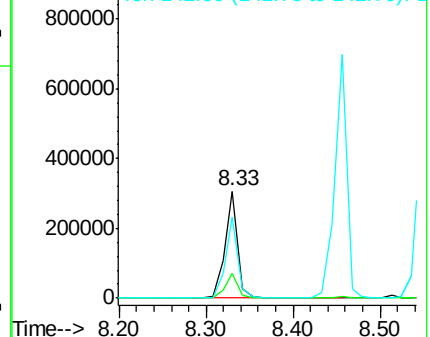
142 75.6 57.0 85.6

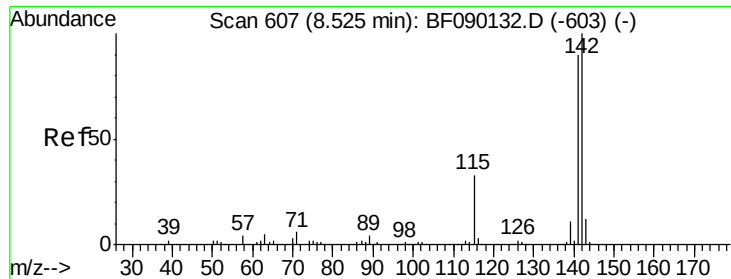


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

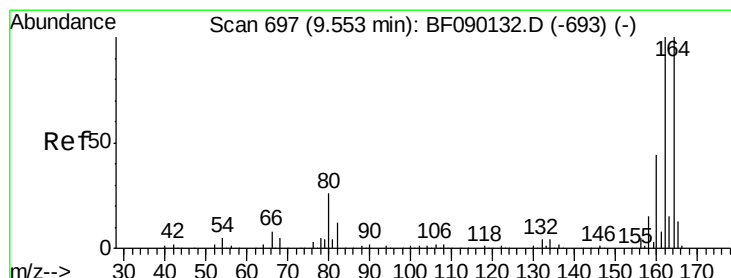
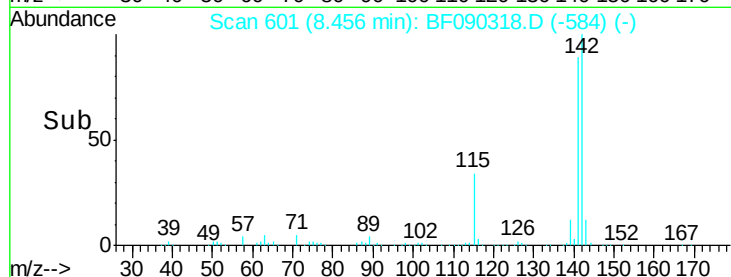
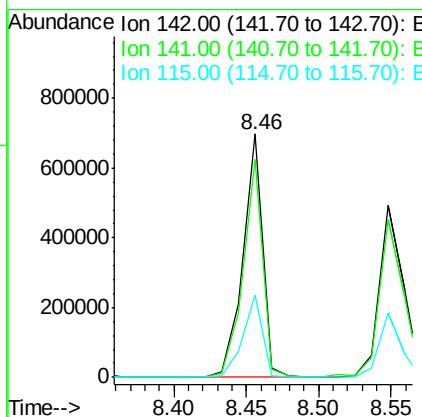
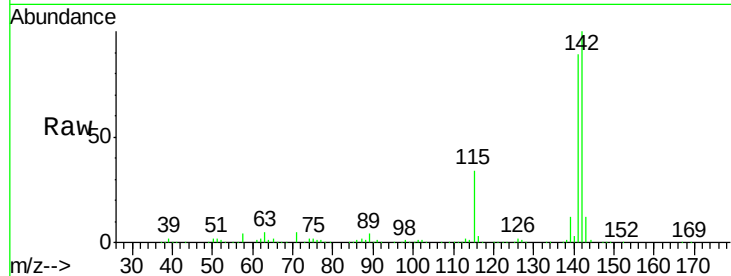




#37
2-Methylnaphthalene
Concen: 40.85 ng
RT: 8.46 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

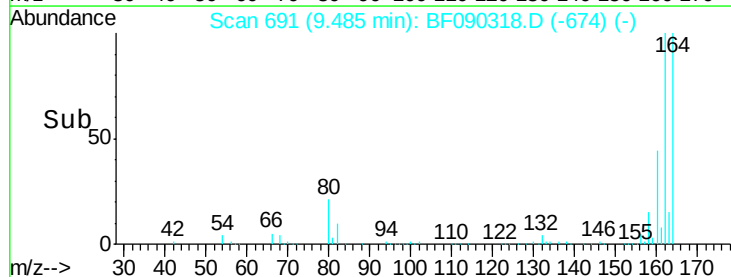
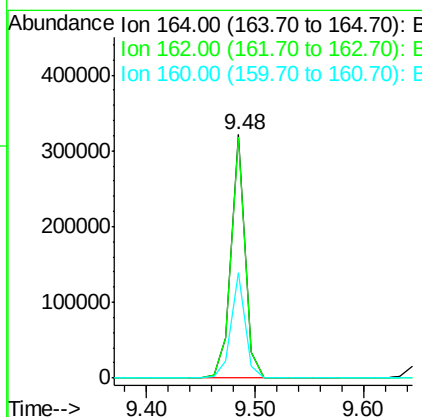
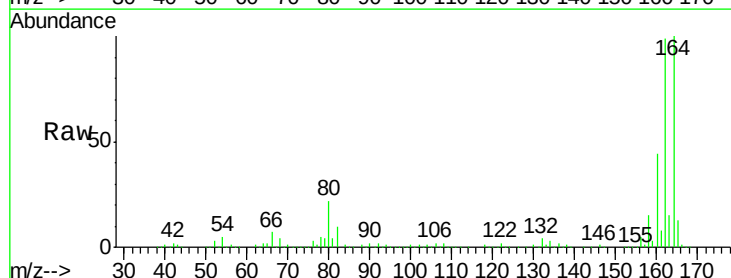
Instrument :
BNA_F
ClientSampleId :
PA-4MS

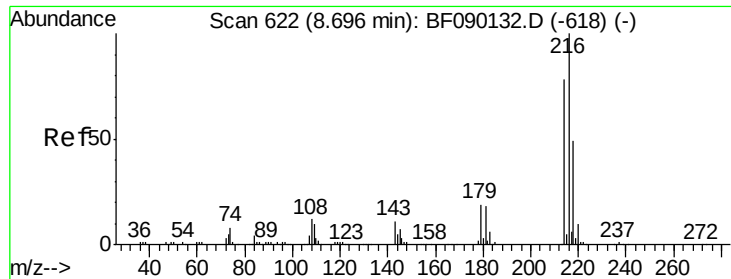
Tot Ion:142 Resp: 653739
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.2
115 33.9 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Tgt Ion:164 Resp: 284858
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.2
160 43.5 36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.18 ng

RT: 8.63 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

Tot Ion:216 Resp: 249609

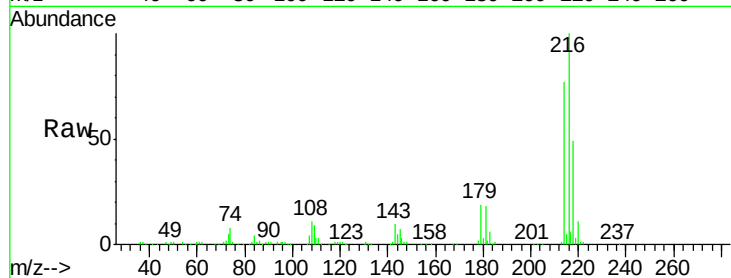
Ion Ratio Lower Upper

216 100

214 78.6 63.7 95.5

179 21.3 18.5 27.7

108 20.4 19.5 29.3

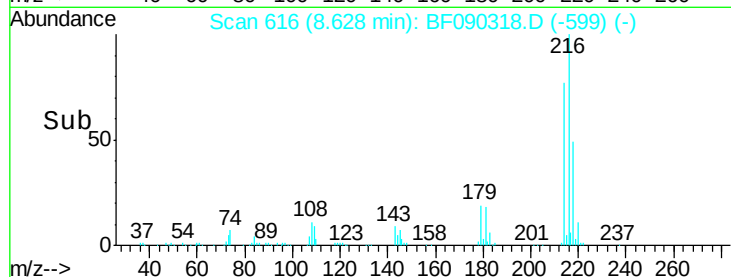


Abundance Ion 216.00 (215.70 to 216.70): E

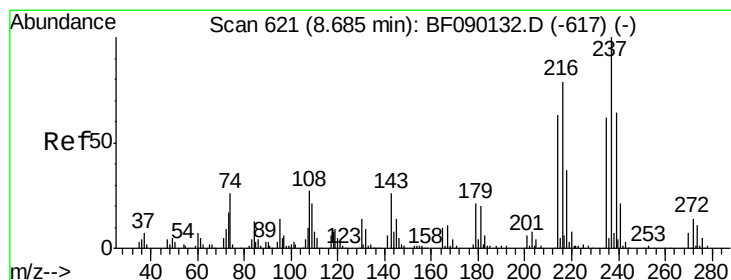
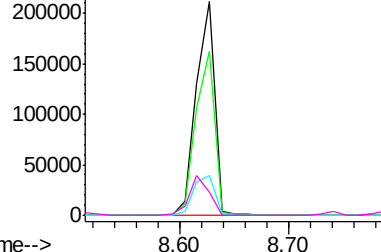
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 37.48 ng

RT: 8.60 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

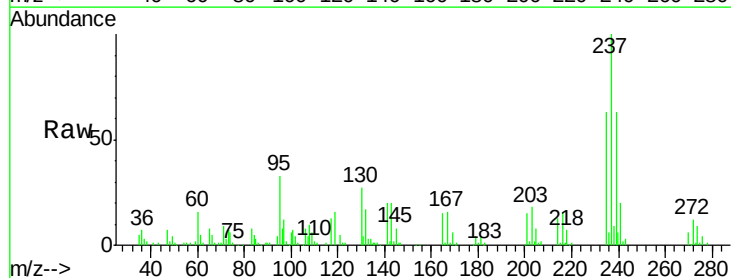
Tgt Ion:237 Resp: 120937

Ion Ratio Lower Upper

237 100

235 62.8 42.5 82.5

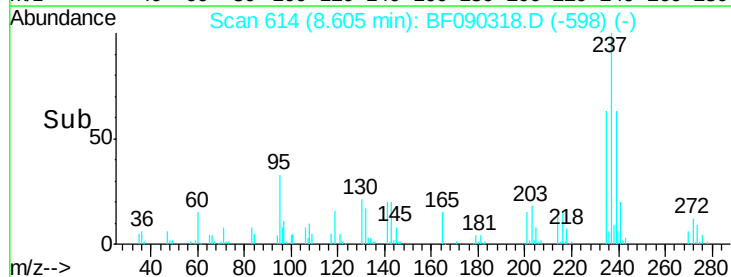
272 11.8 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

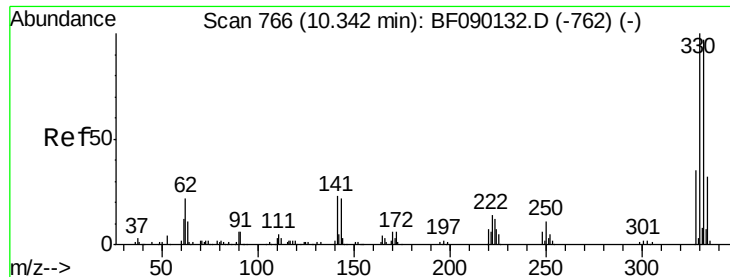
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

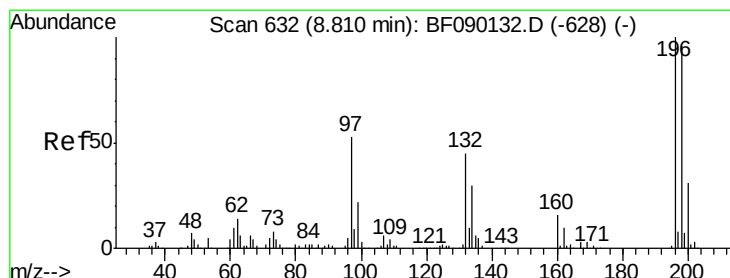
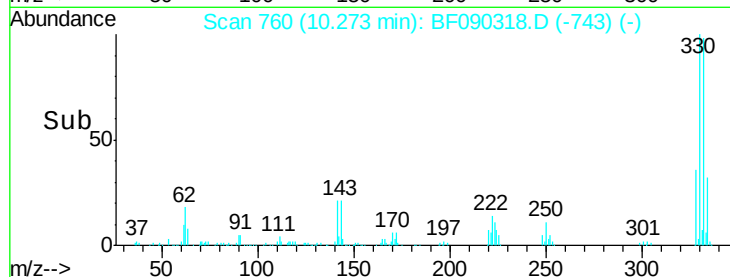
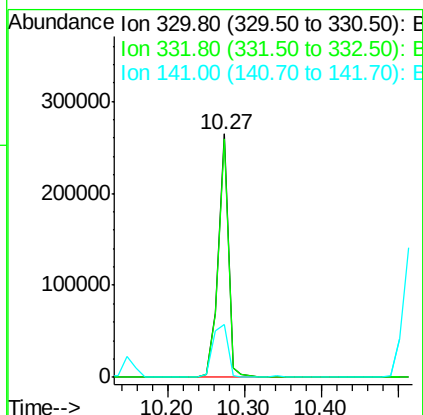
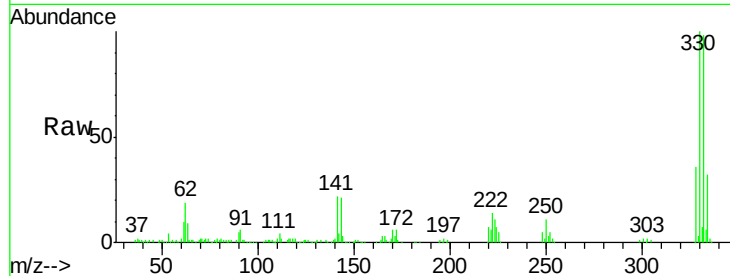




#41
 2,4,6-Tribromophenol
 Concen: 100.67 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

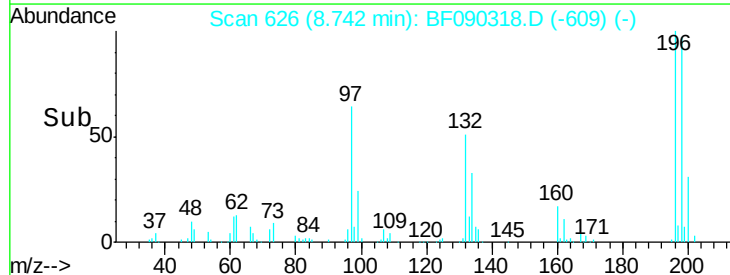
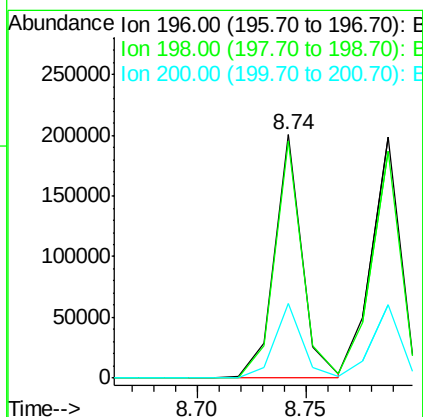
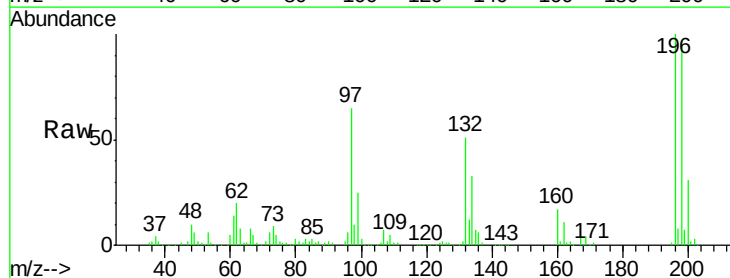
Instrument :
 BNA_F
 ClientSampleId :
 PA-4MS

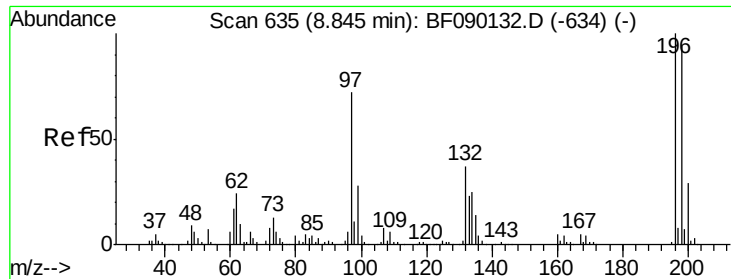
Tot Ion:330 Resp: 246011
 Ion Ratio Lower Upper
 330 100
 332 98.1 78.1 117.1
 141 31.6 23.9 35.9



#42
 2,4,6-Trichlorophenol
 Concen: 38.31 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

Tgt Ion:196 Resp: 178484
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.3 114.5
 200 30.7 24.1 36.1

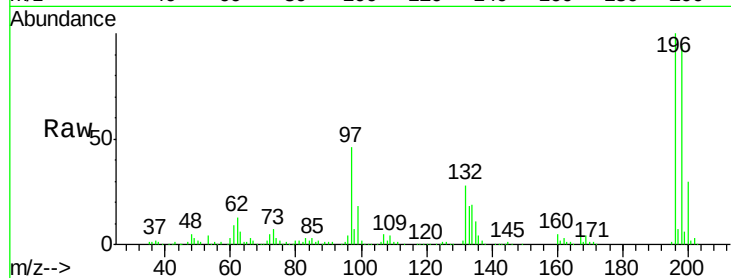




#43
 2,4,5-Trichlorophenol
 Concen: 39.94 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-4MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.6	114.8
97	45.5	34.4	51.6
132	28.1	22.2	33.2



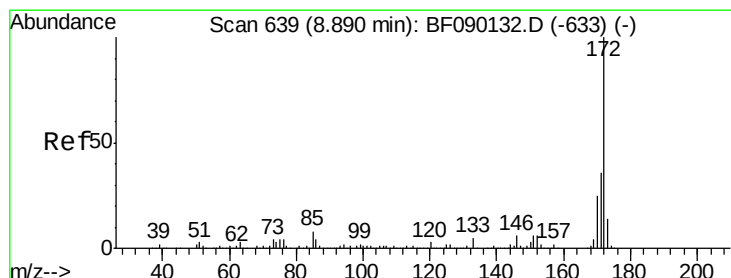
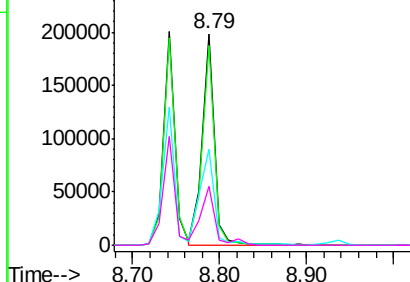
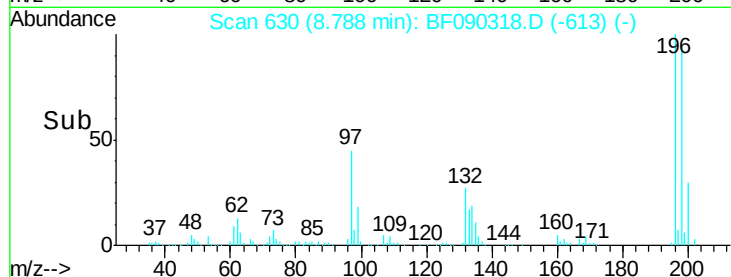
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

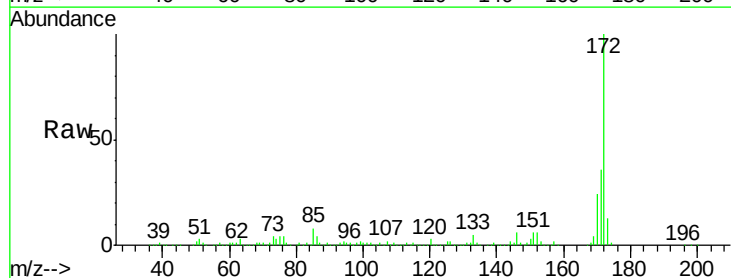
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.91 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	24.3	19.8	29.8

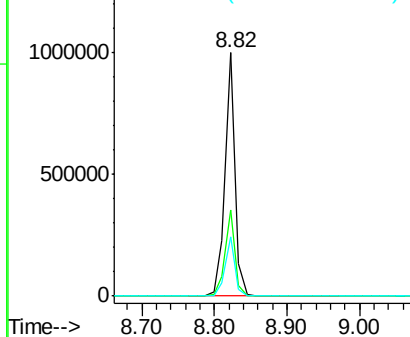
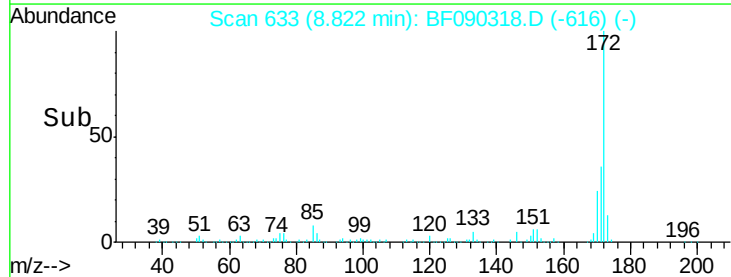


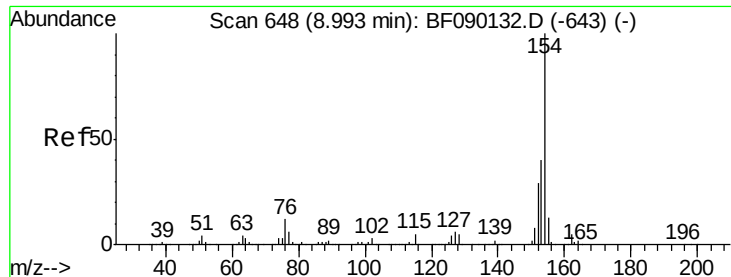
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.46 ng

RT: 8.92 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

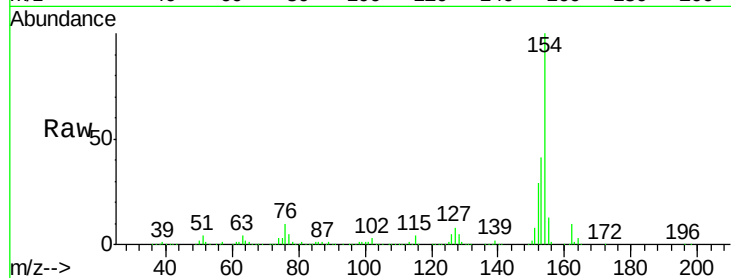
Tot Ion:154 Resp: 763471

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

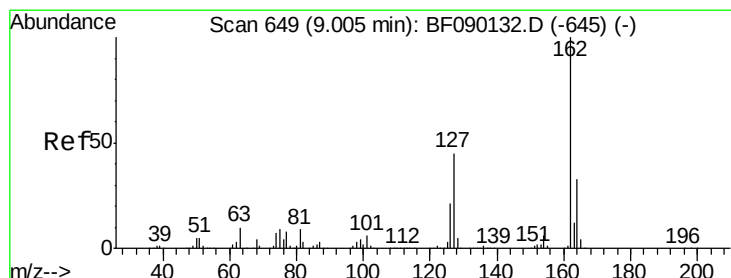
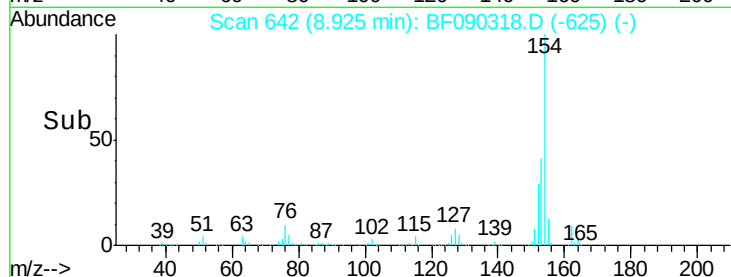
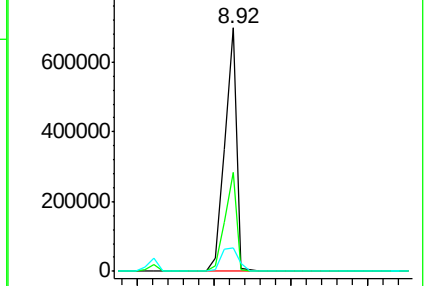
76 9.8 0.0 36.7



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: 35.56 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

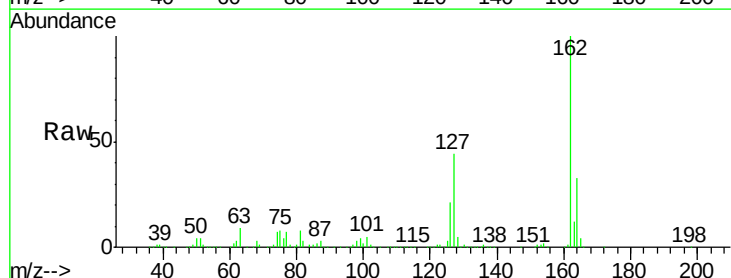
Tgt Ion:162 Resp: 534641

Ion Ratio Lower Upper

162 100

127 44.4 34.0 51.0

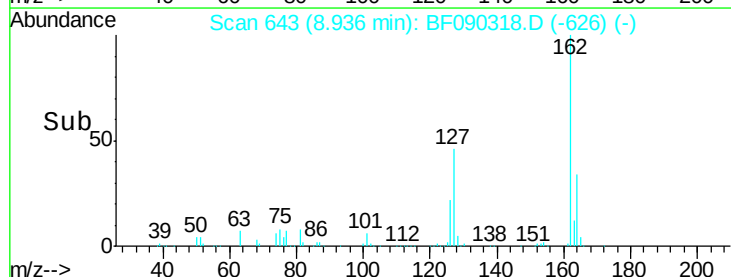
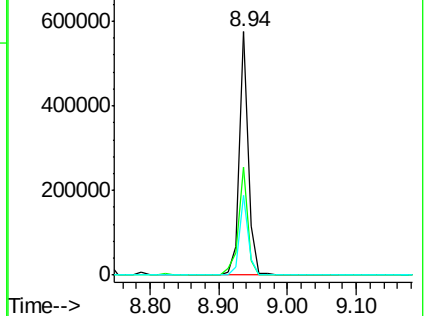
164 32.9 26.8 40.2

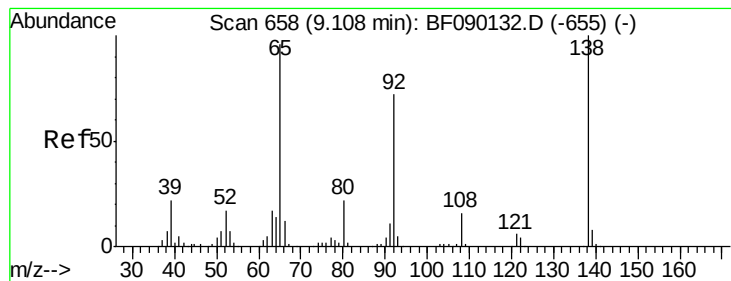


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.96 ng

RT: 9.04 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

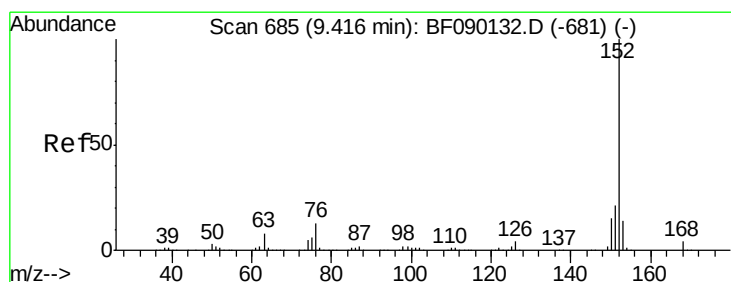
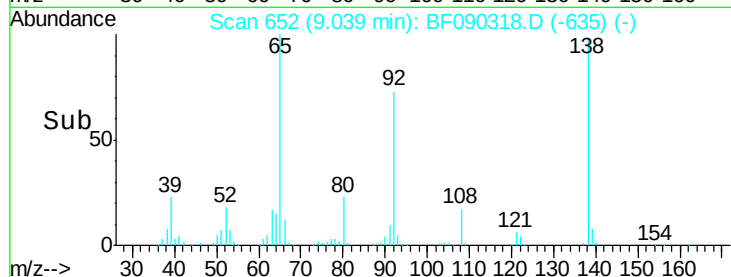
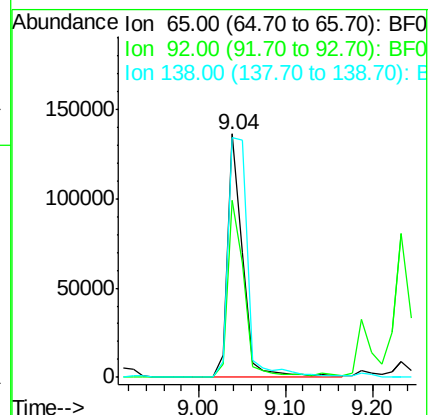
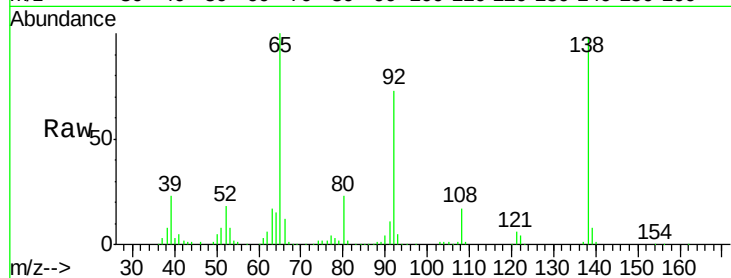
Tot Ion: 65 Resp: 167543

Ion Ratio Lower Upper

65 100

92 72.6 66.1 99.1

138 98.3 104.1 156.1#



#48

Acenaphthylene

Concen: 35.70 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

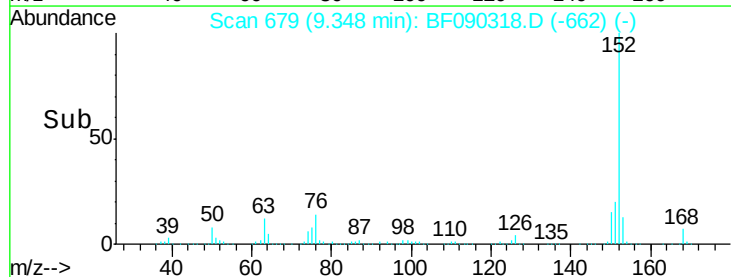
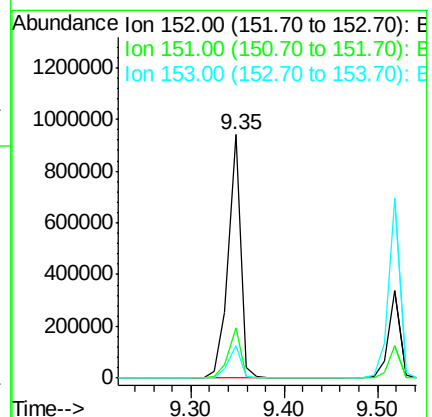
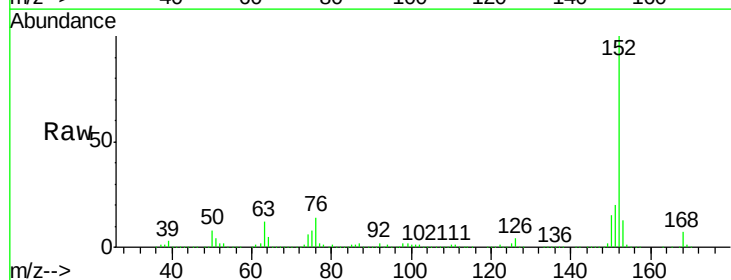
Tgt Ion: 152 Resp: 871710

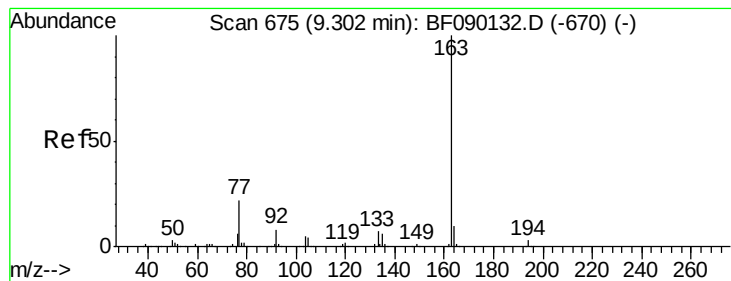
Ion Ratio Lower Upper

152 100

151 20.4 16.5 24.7

153 13.4 10.6 15.8





#49

Dimethylphthalate

Concen: 64.41 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

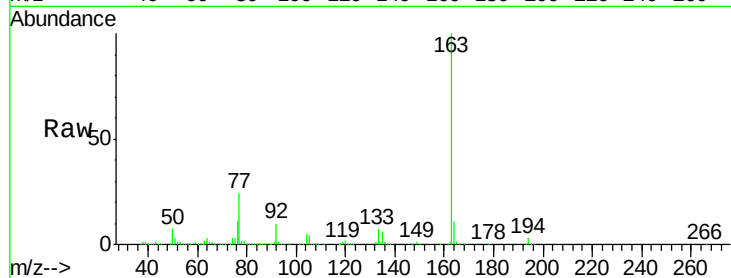
Tot Ion:163 Resp: 1168663

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

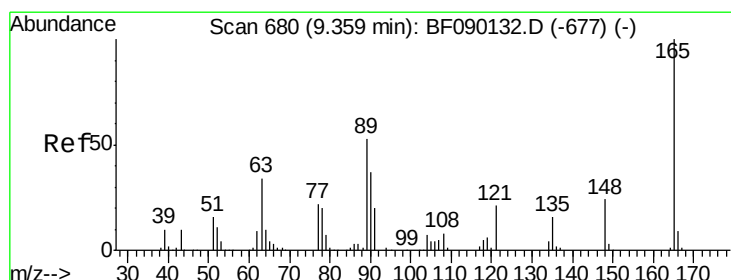
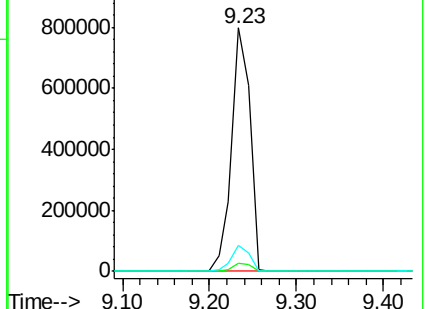
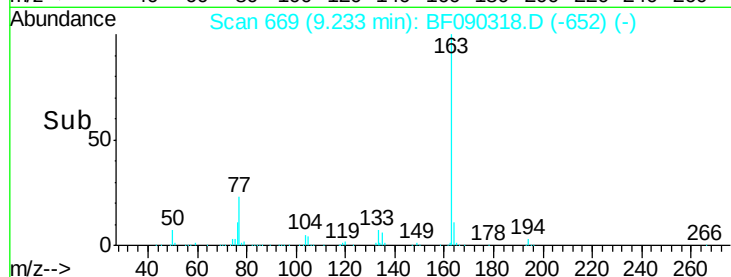
164 10.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 33.62 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

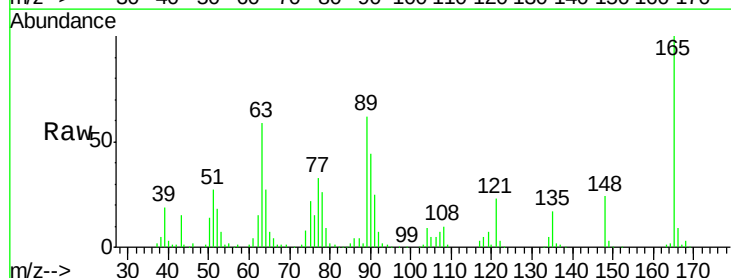
Tgt Ion:165 Resp: 135941

Ion Ratio Lower Upper

165 100

63 58.9 49.9 74.9

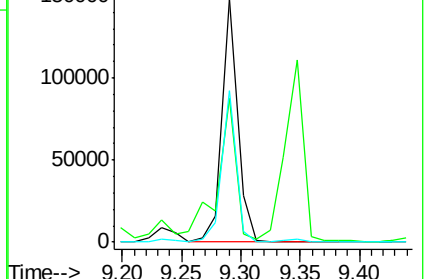
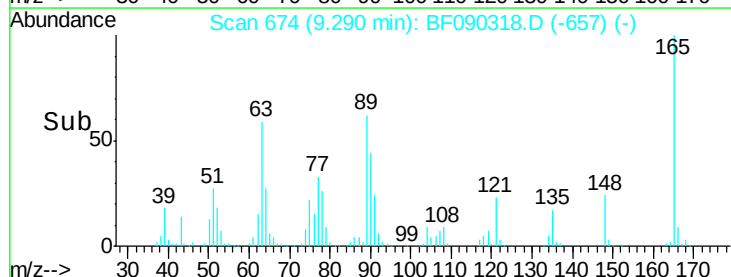
89 62.3 51.0 76.4

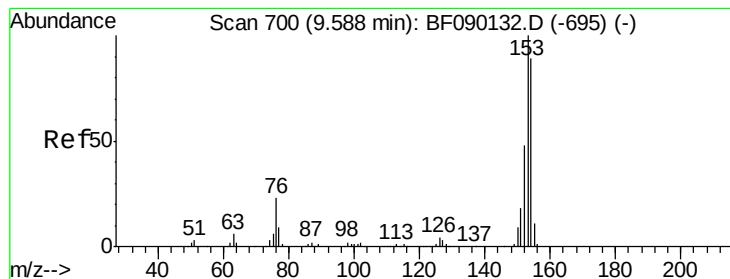


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.30 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

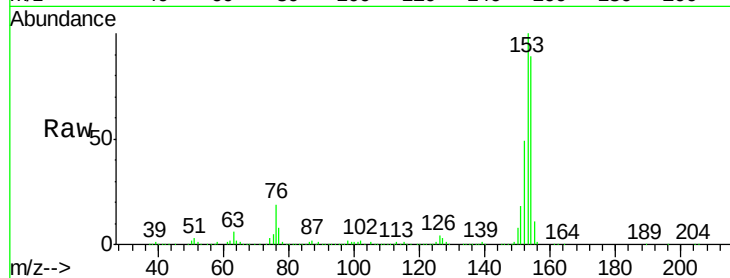
Tot Ion:154 Resp: 526114

Ion Ratio Lower Upper

154 100

153 113.0 90.8 136.2

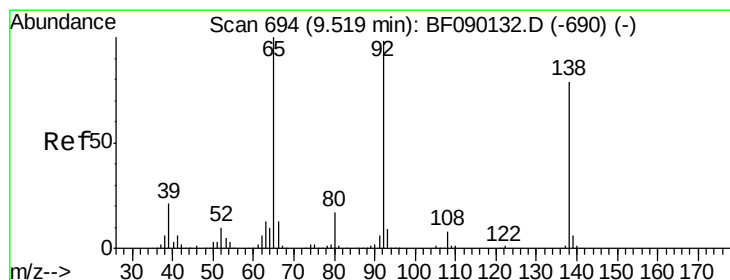
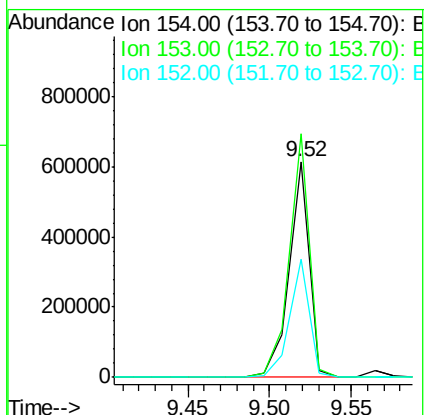
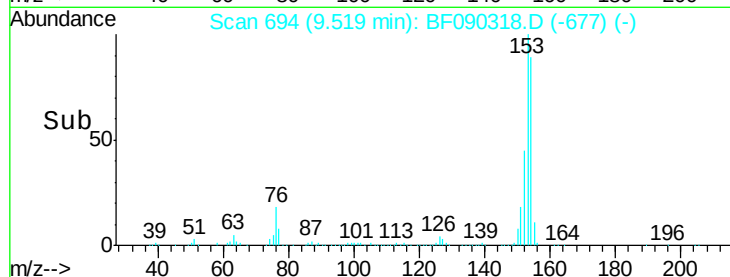
152 54.8 44.2 66.4



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: 22.28 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

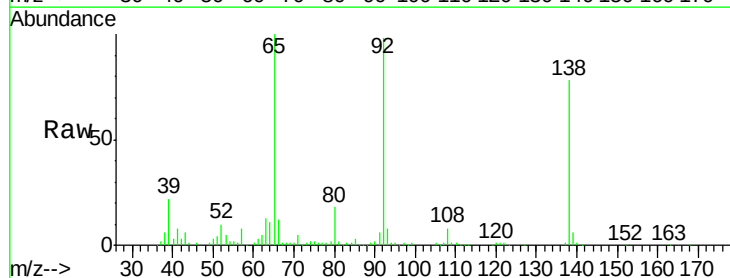
Tgt Ion:138 Resp: 105636

Ion Ratio Lower Upper

138 100

108 10.8 7.8 11.6

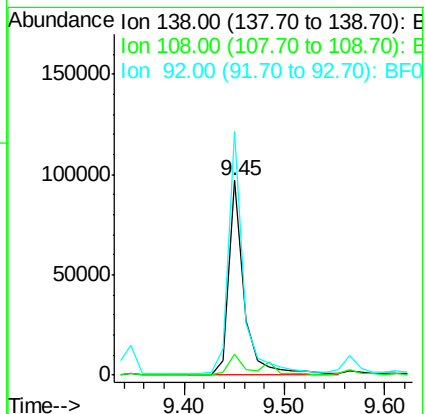
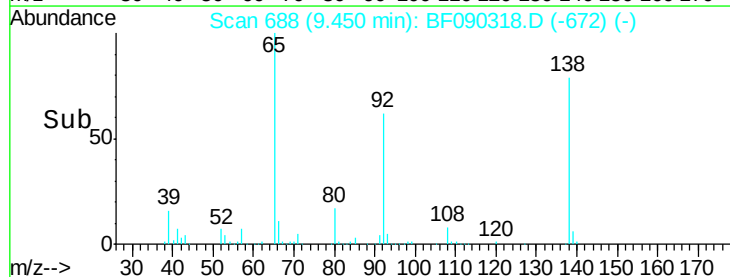
92 125.1 90.7 136.1

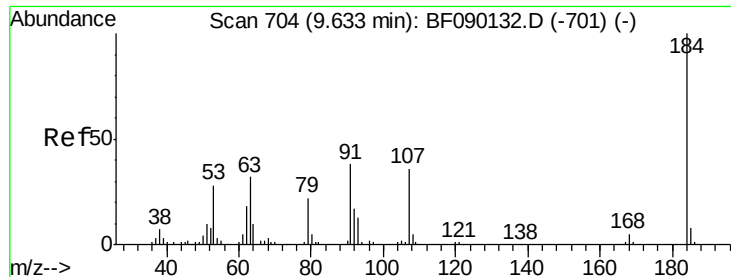


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

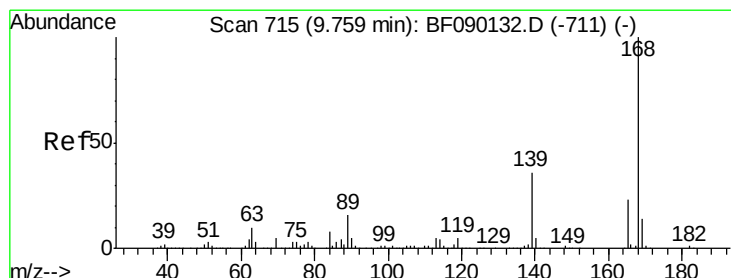
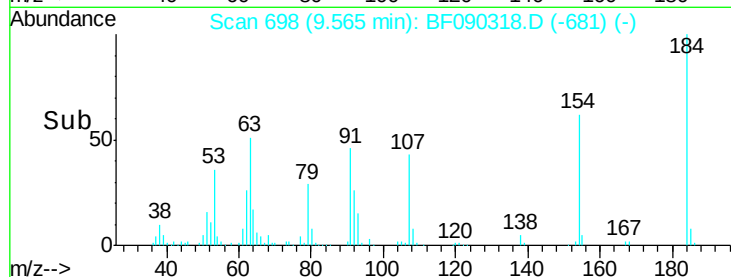
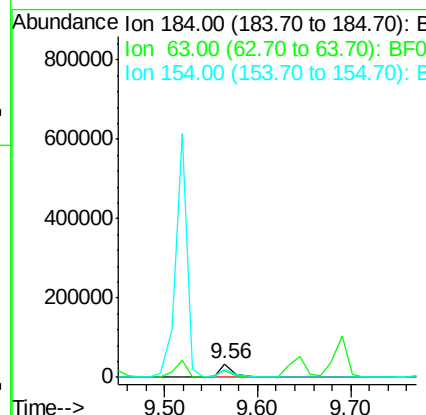
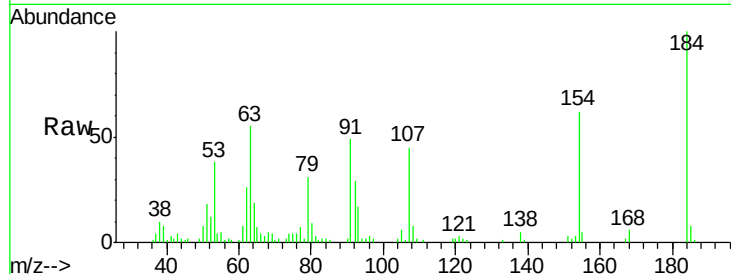




#53
 2,4-Dinitrophenol
 Concen: 19.67 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

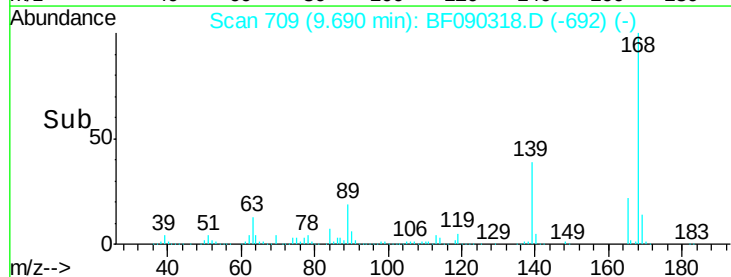
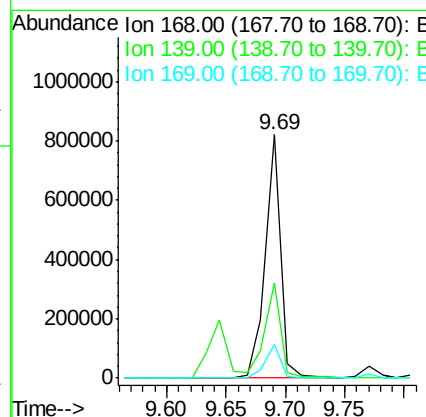
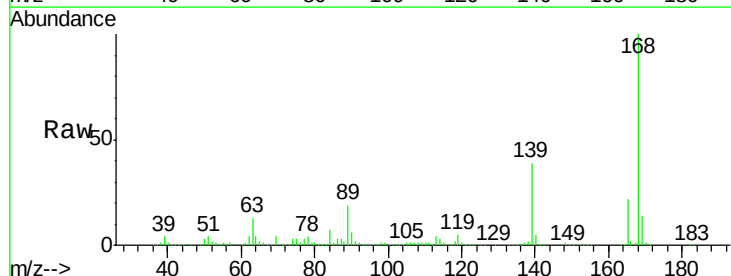
Instrument :
 BNA_F
 ClientSampleId :
 PA-4MS

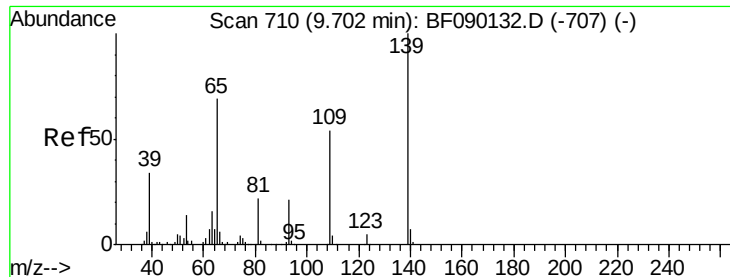
Tot Ion:184 Resp: 38896
 Ion Ratio Lower Upper
 184 100
 63 54.6 44.6 67.0
 154 62.4 49.7 74.5



#54
 Dibenzofuran
 Concen: 39.40 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

Tgt Ion:168 Resp: 751412
 Ion Ratio Lower Upper
 168 100
 139 38.8 28.8 43.2
 169 13.7 10.7 16.1





#55

4-Nitrophenol

Concen: 68.94 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.01 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampled :

PA-4MS

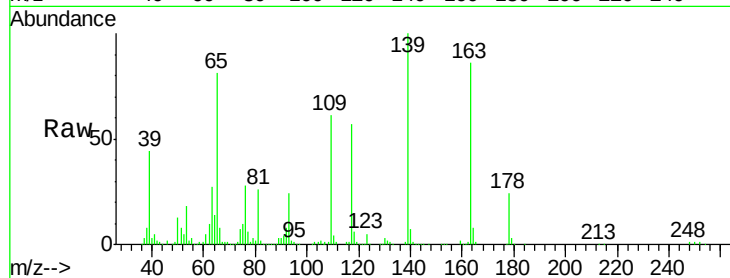
Tot Ion:139 Resp: 223905

Ion Ratio Lower Upper

139 100

109 61.0 35.6 75.6

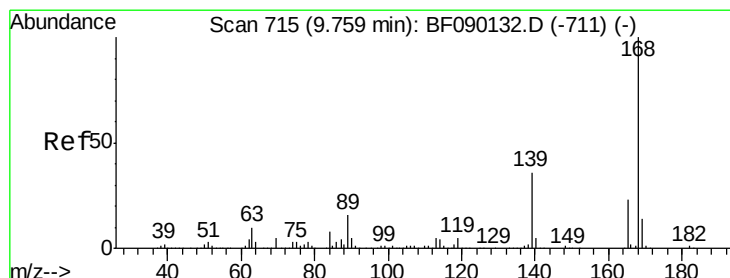
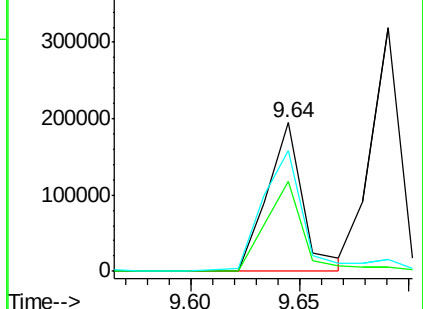
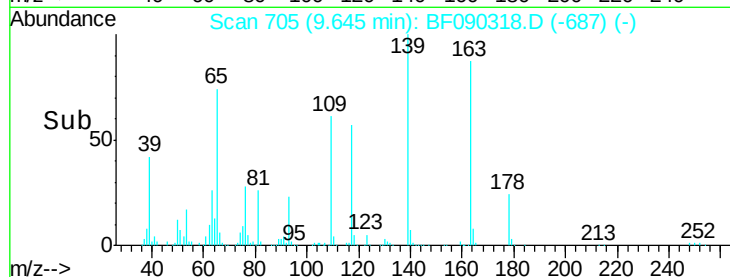
65 81.4 55.5 95.5



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: 34.92 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Tgt Ion:165 Resp: 166964

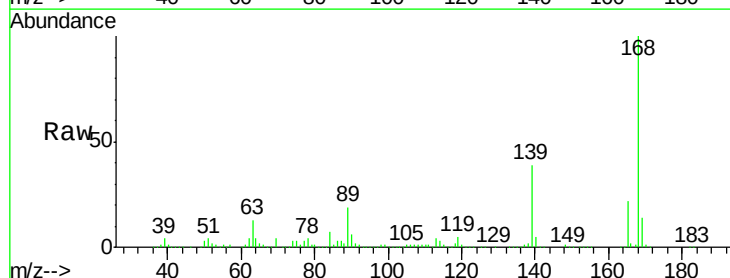
Ion Ratio Lower Upper

165 100

63 57.8 44.4 66.6

89 87.5 70.1 105.1

182 2.1 1.7 2.5

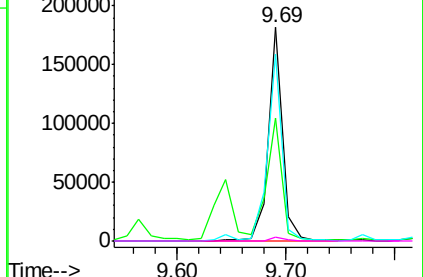
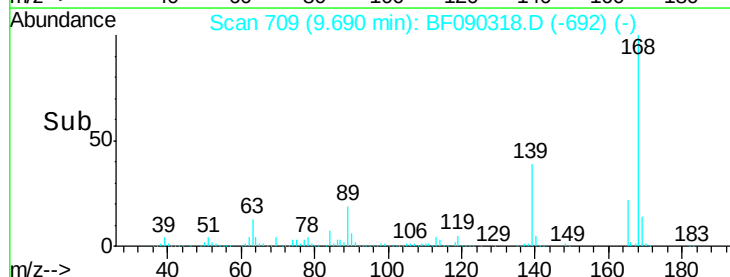


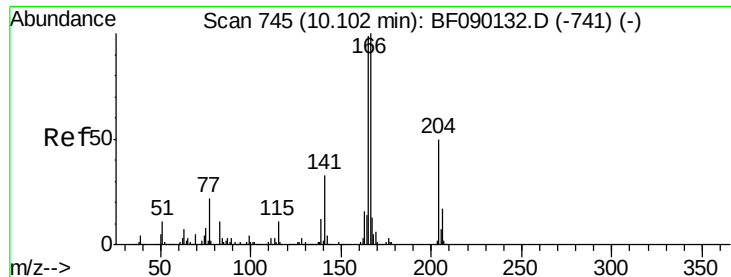
Abundance Ion 165.00 (164.70 to 165.70): E

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

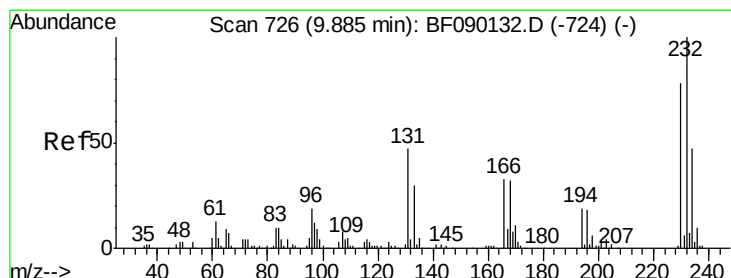
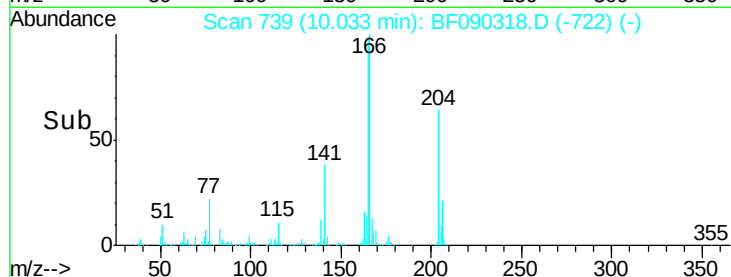
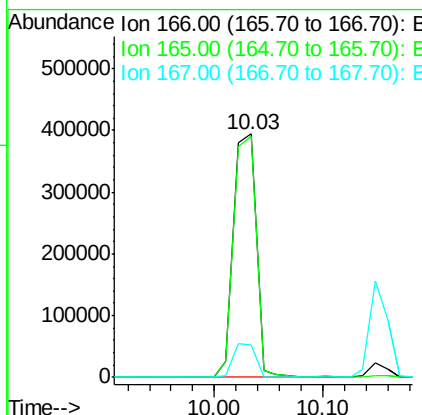
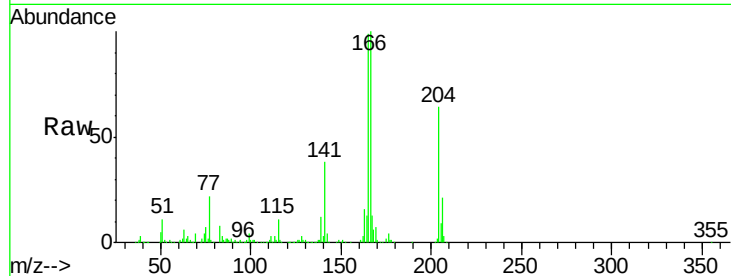




#57
 Fluorene
 Concen: 39.34 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

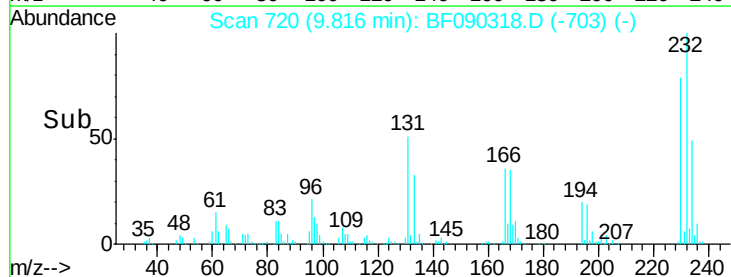
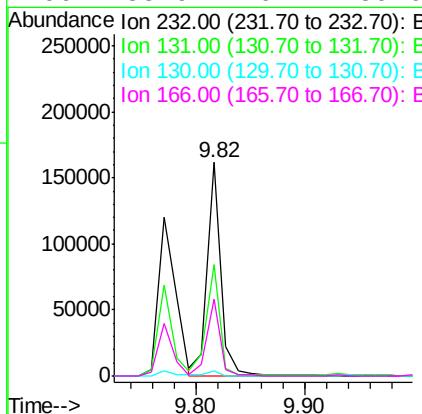
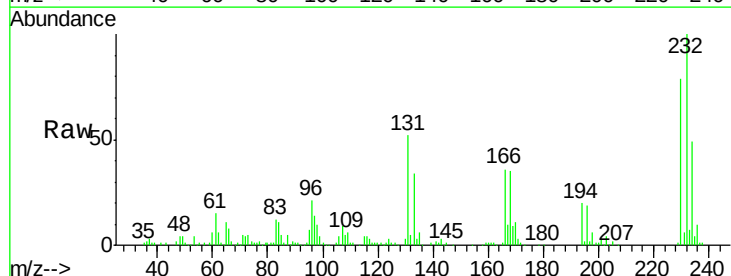
Instrument :
 BNA_F
 ClientSampleId :
 PA-4MS

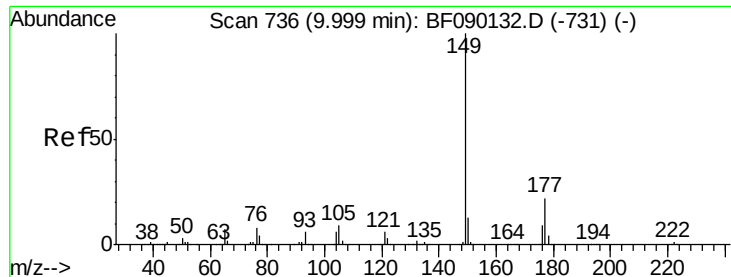
Tot Ion:166 Resp: 565414
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.5 117.7
 167 13.2 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.67 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

Tgt Ion:232 Resp: 143271
 Ion Ratio Lower Upper
 232 100
 131 51.9 42.2 63.4
 130 2.7 1.9 2.9
 166 35.9 26.4 39.6

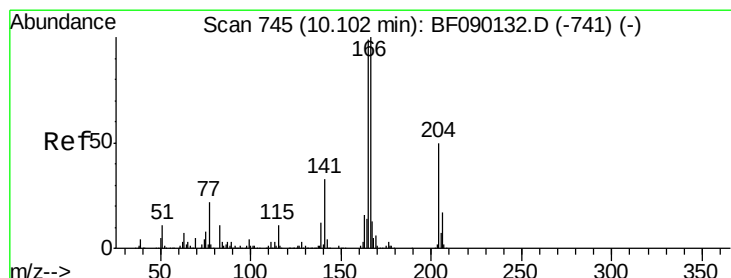
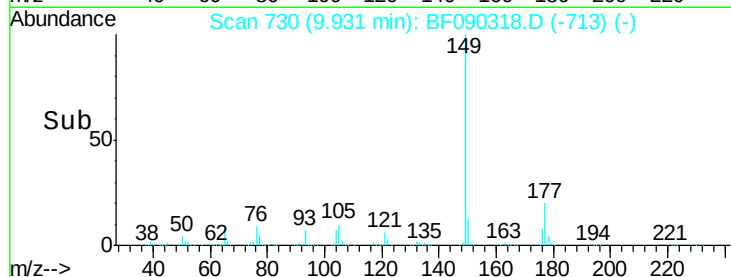
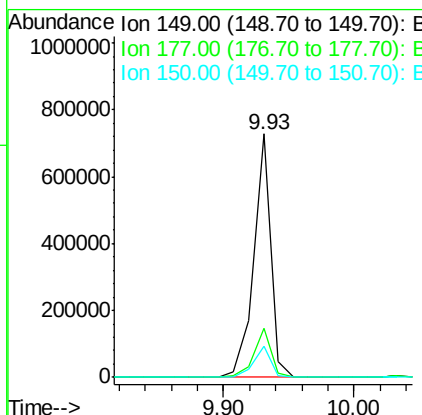
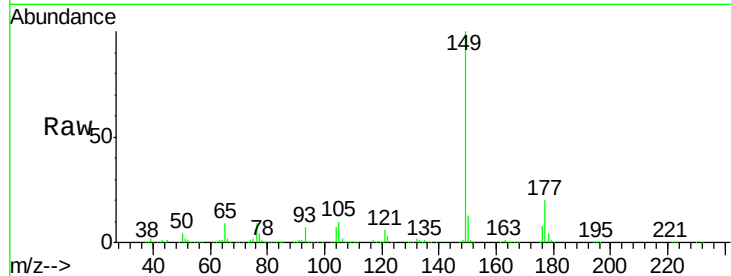




#59
Diethylphthalate
Concen: 38.03 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

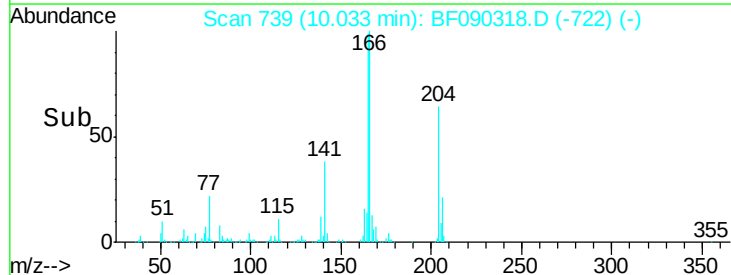
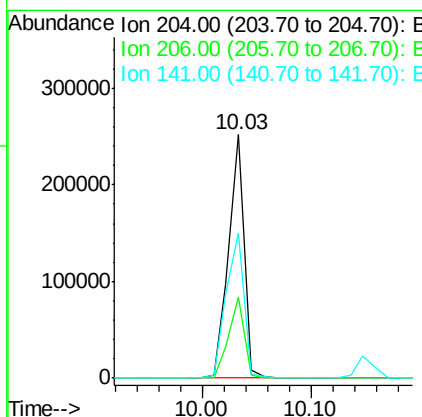
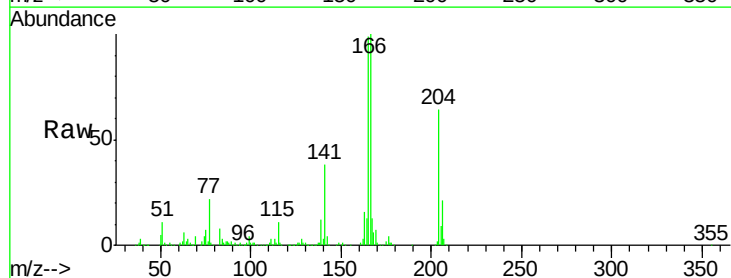
Instrument :
BNA_F
ClientSampleId :
PA-4MS

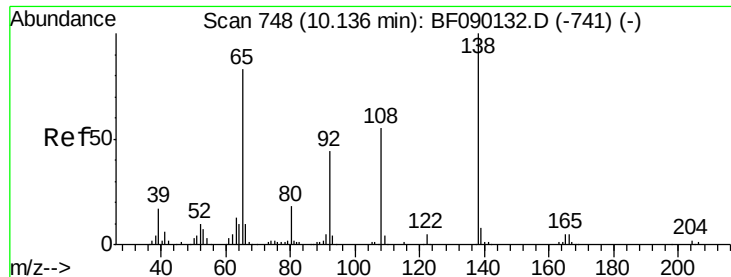
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.3	15.8	23.6
150	12.7	10.4	15.6



#60
4-Chlorophenyl-phenylether
Concen: 38.21 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.6	38.4
141	59.4	64.4	96.6

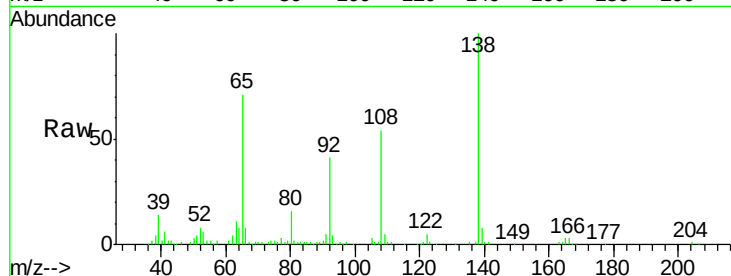




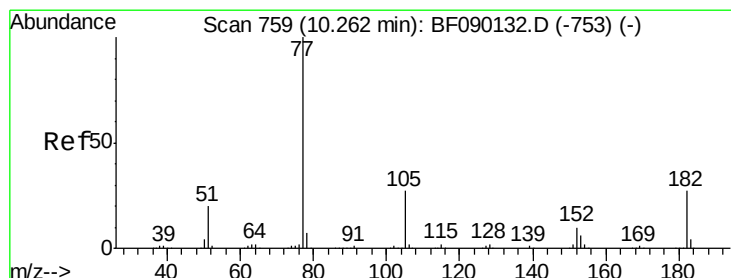
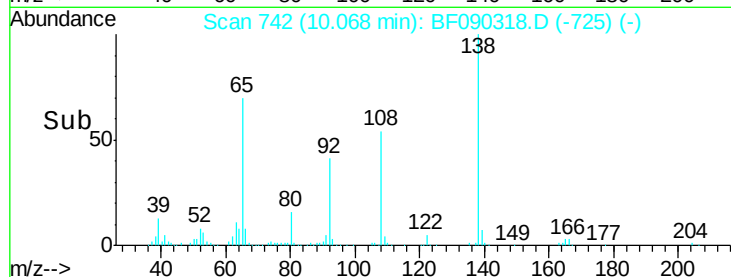
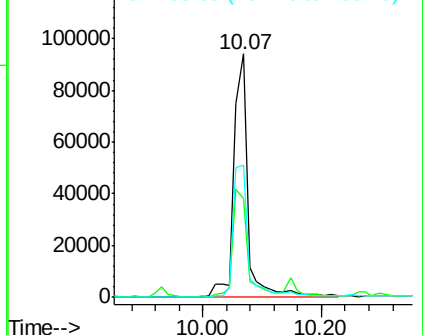
#61
4-Nitroaniline
Concen: 32.01 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Instrument :
BNA_F
ClientSampleId :
PA-4MS

Tot Ion:138 Resp: 154697
Ion Ratio Lower Upper
138 100
92 40.9 23.8 63.8
108 54.3 35.0 75.0

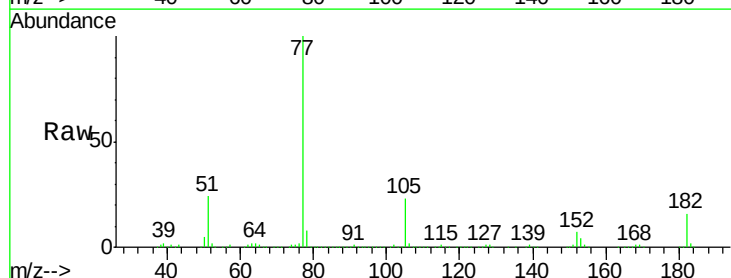


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

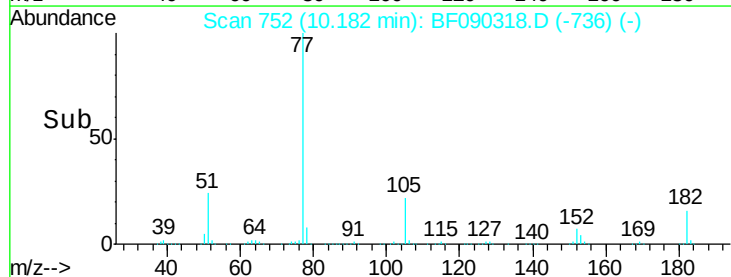
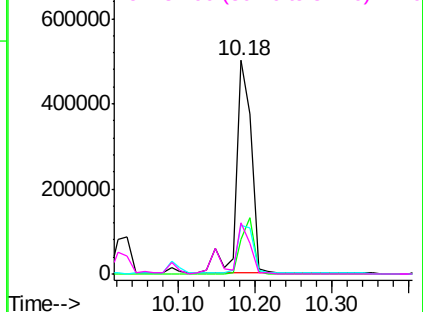


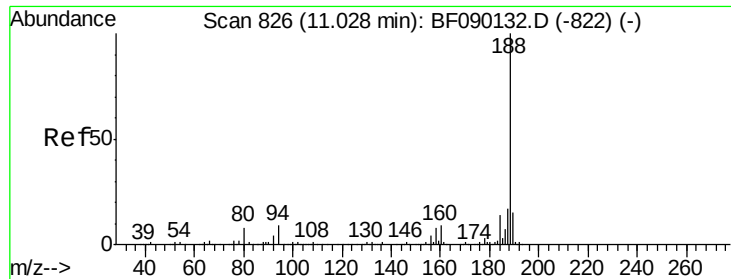
#62
Azobenzene
Concen: 37.92 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Tgt Ion: 77 Resp: 691670
Ion Ratio Lower Upper
77 100
182 16.3 0.0 38.4
105 22.8 3.8 43.8
51 24.0 2.6 42.6



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

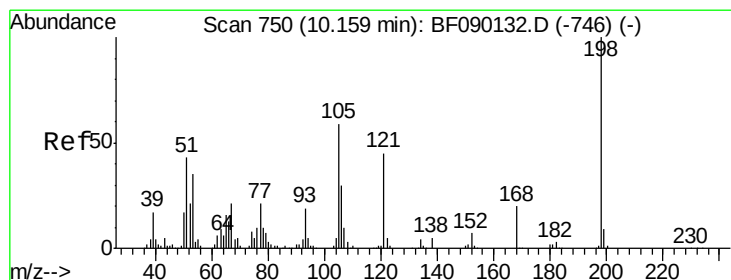
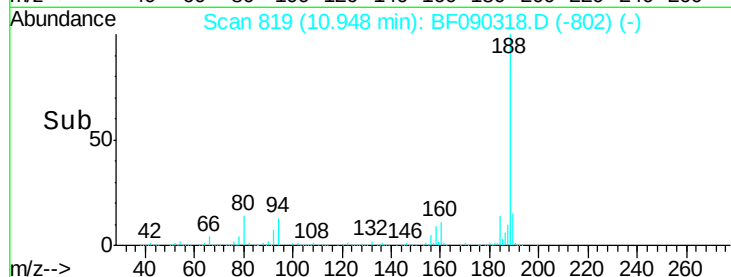
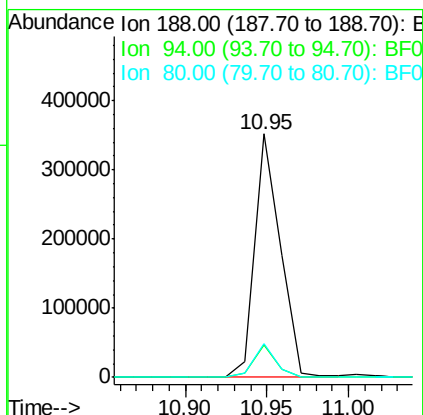
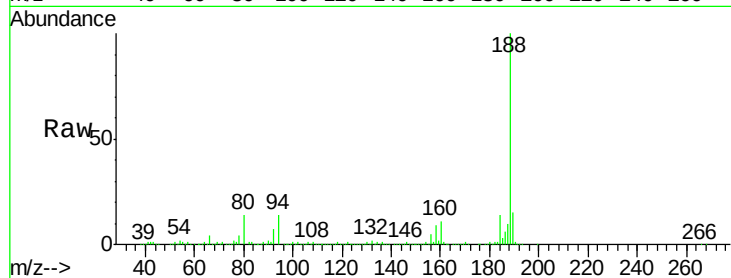




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

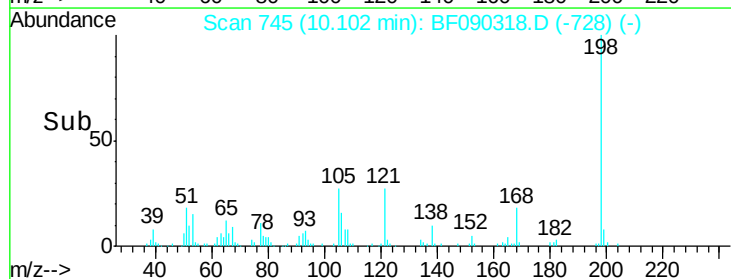
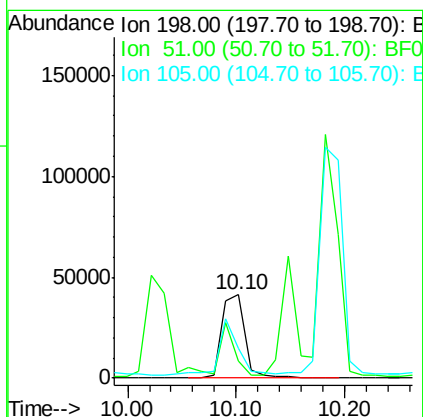
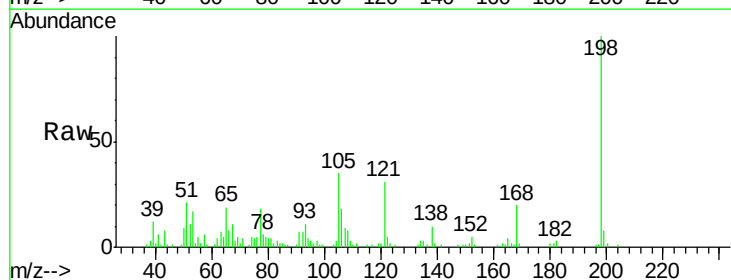
Instrument :
BNA_F
ClientSampleId :
PA-4MS

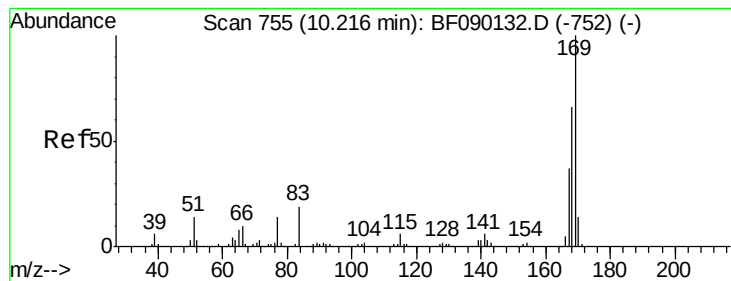
Tot Ion:188 Resp: 385613
Ion Ratio Lower Upper
188 100
94 13.6 10.5 15.7
80 14.1 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 24.94 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Tgt Ion:198 Resp: 60227
Ion Ratio Lower Upper
198 100
51 20.5 5.5 45.5
105 35.1 21.8 61.8





#65

n-Nitrosodiphenylamine

Concen: 39.05 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampled :

PA-4MS

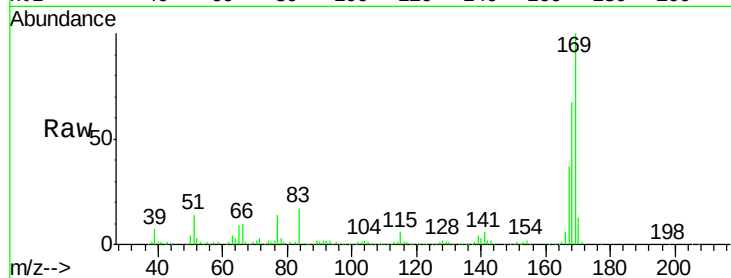
Tot Ion:169 Resp: 495113

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.4

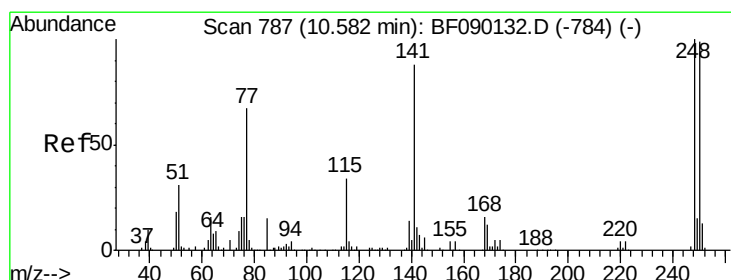
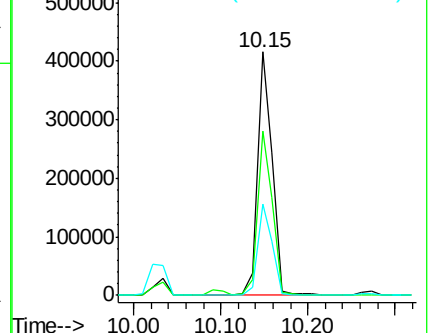
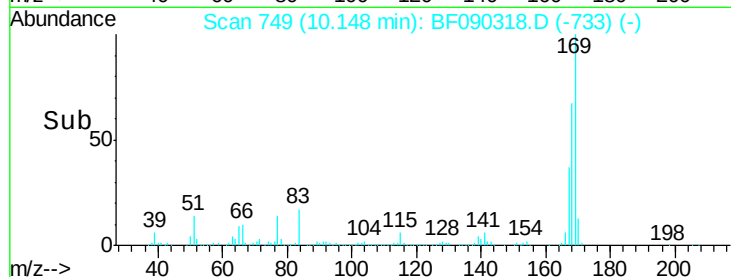
167 37.3 30.3 45.5



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: 41.49 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

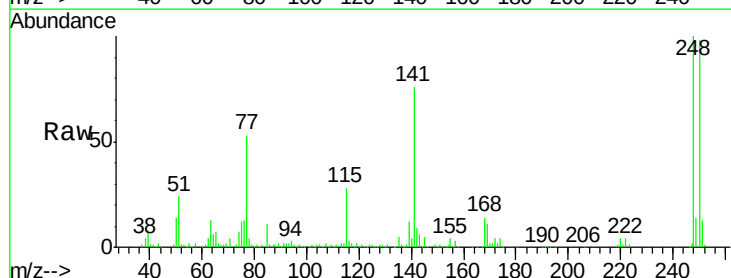
Tgt Ion:248 Resp: 157441

Ion Ratio Lower Upper

248 100

250 97.7 79.4 119.2

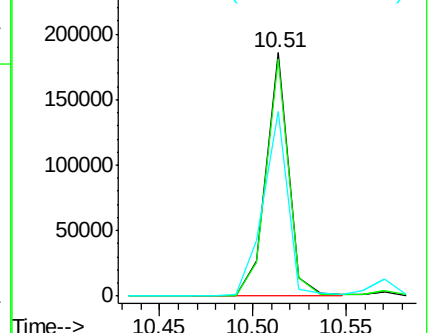
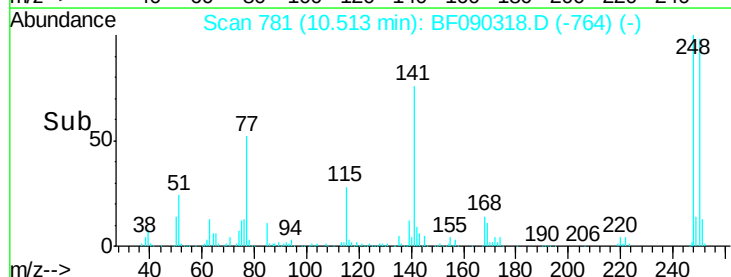
141 76.0 49.3 73.9#

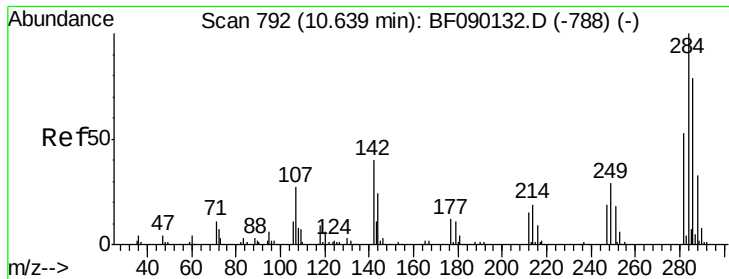


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.75 ng

RT: 10.57 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

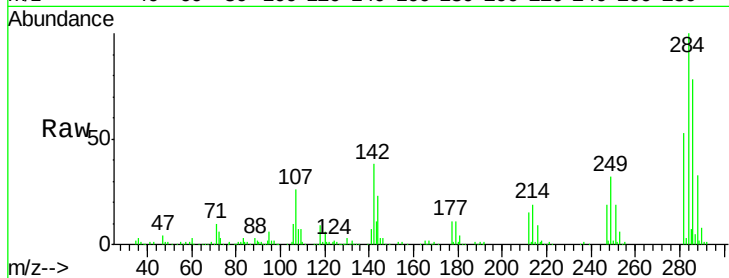
Tot Ion:284 Resp: 162523

Ion Ratio Lower Upper

284 100

142 38.2 24.0 36.0#

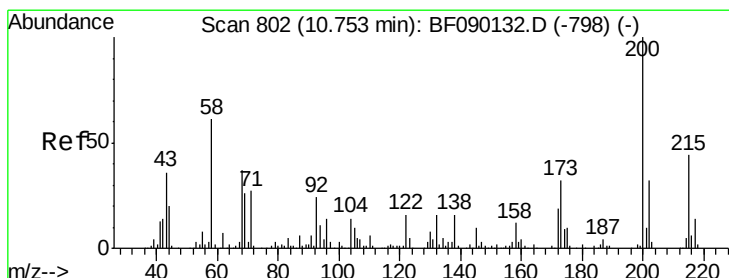
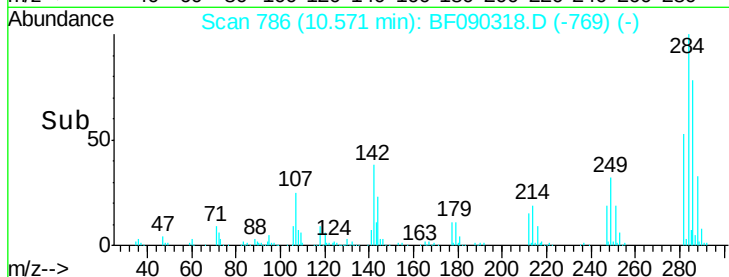
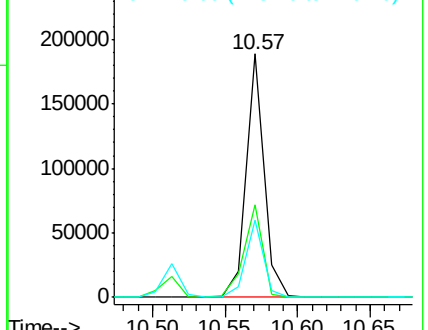
249 31.6 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.95 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

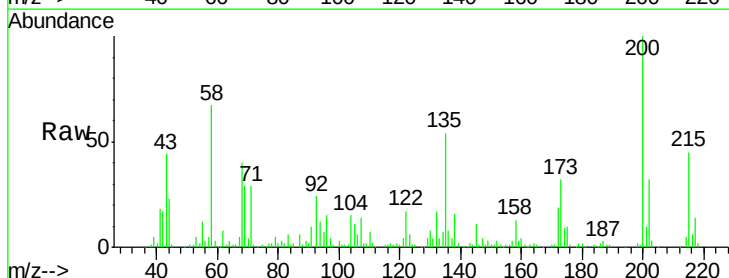
Tgt Ion:200 Resp: 135342

Ion Ratio Lower Upper

200 100

173 32.0 9.3 49.3

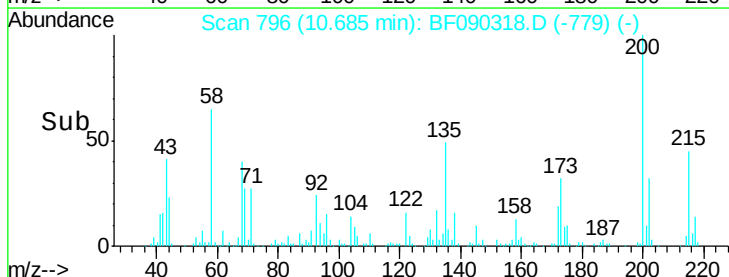
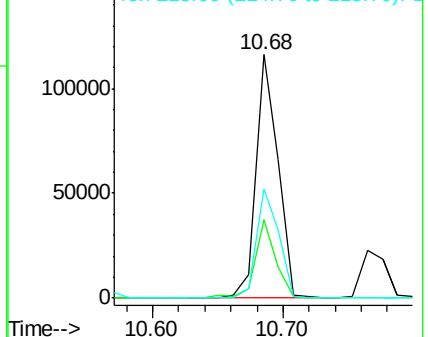
215 44.9 26.1 66.1

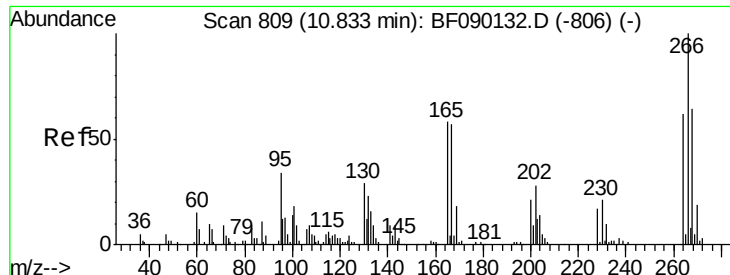


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

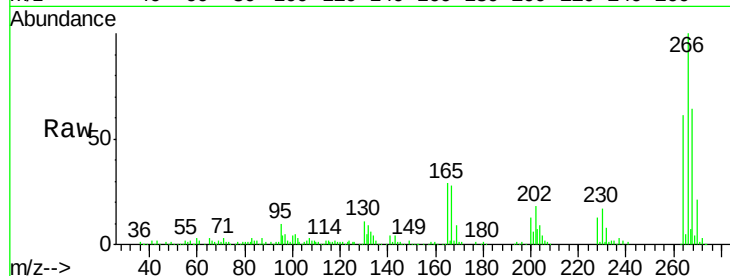




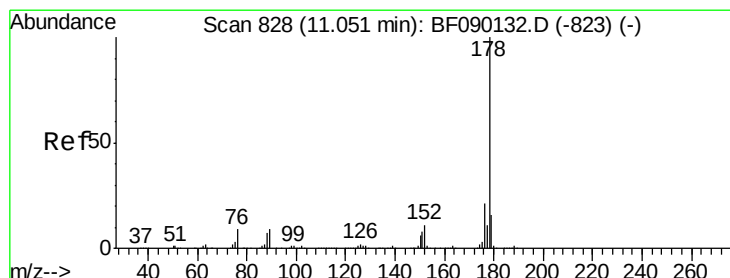
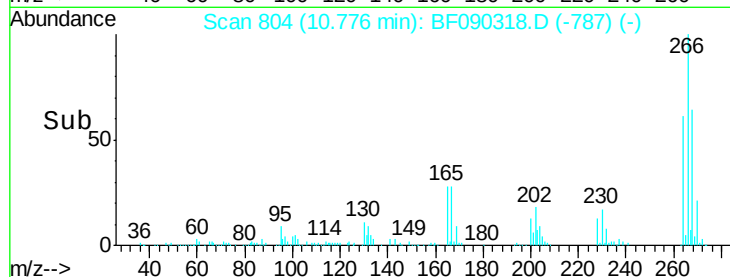
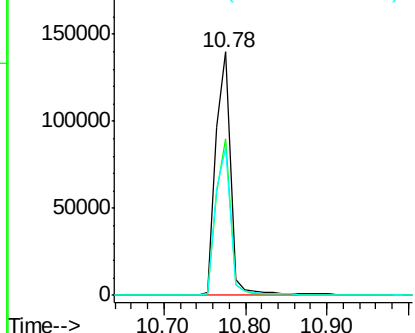
#69
 Pentachlorophenol
 Concen: 71.70 ng
 RT: 10.78 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PA-4MS

Tot Ion:266 Resp: 179977
 Ion Ratio Lower Upper
 266 100
 268 64.2 52.1 78.1
 264 60.7 50.3 75.5

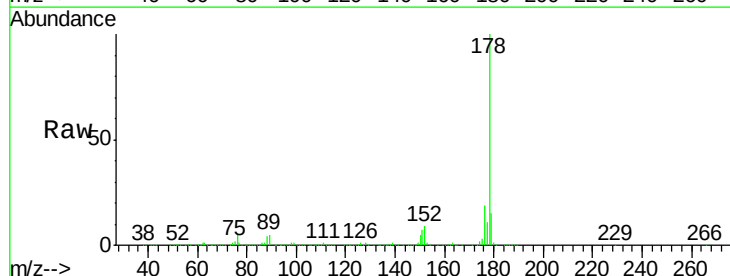


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

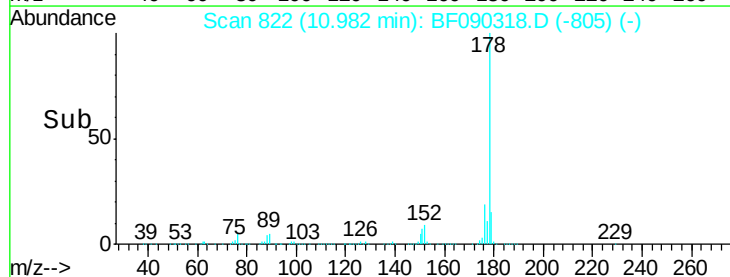
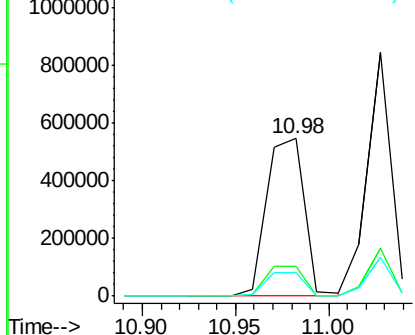


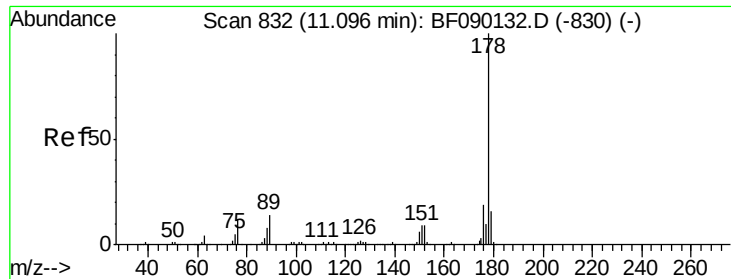
#70
 Phenanthrene
 Concen: 42.06 ng
 RT: 10.98 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

Tgt Ion:178 Resp: 758560
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.9 23.9
 179 15.2 12.9 19.3



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

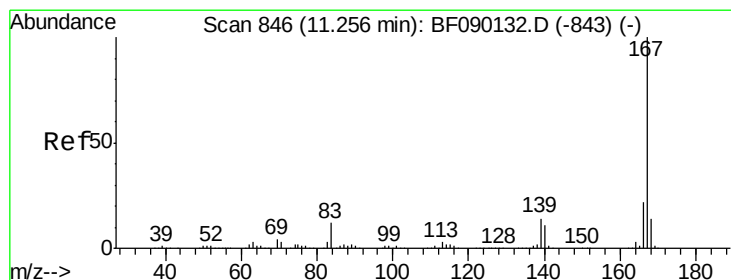
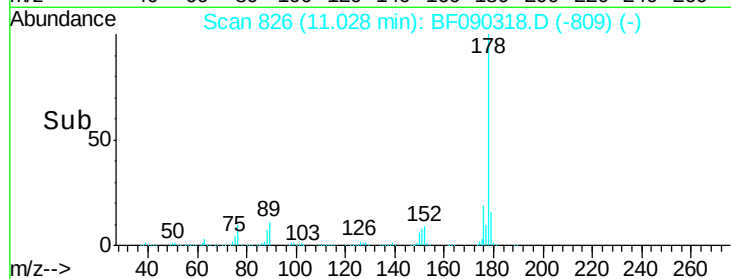
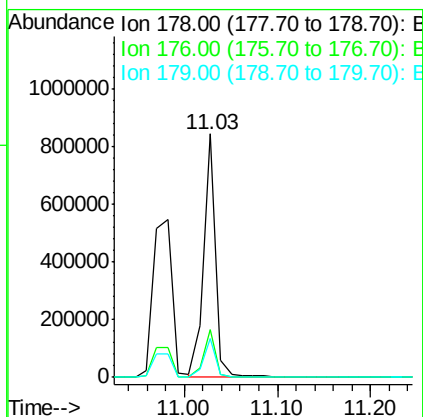
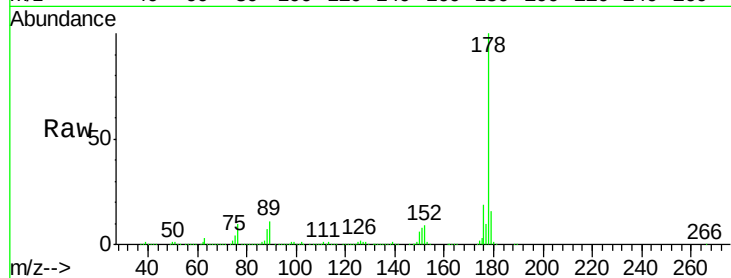




#71
 Anthracene
 Concen: 40.42 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

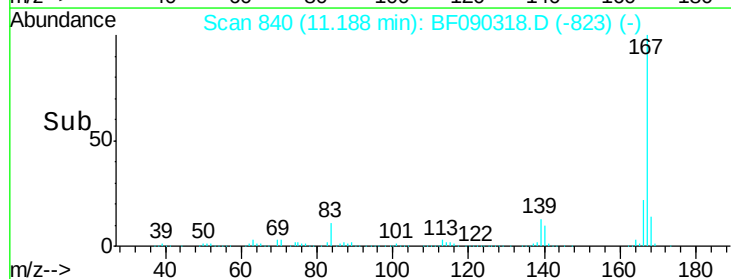
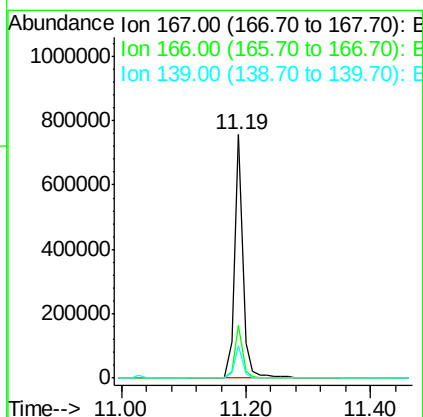
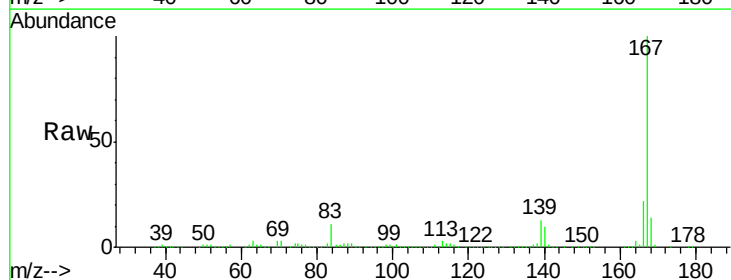
Instrument :
 BNA_F
 ClientSampleId :
 PA-4MS

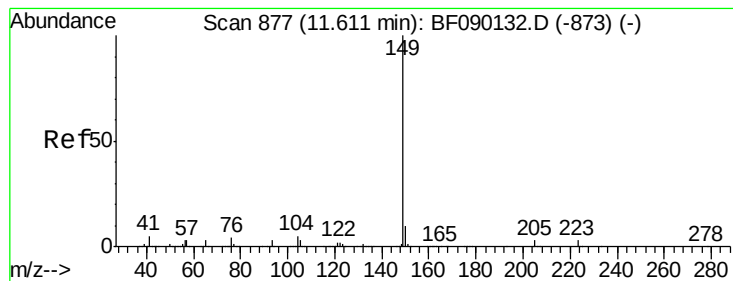
Tot Ion:178 Resp: 764533
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 35.86 ng
 RT: 11.19 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

Tgt Ion:167 Resp: 716986
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.0 27.0
 139 13.5 10.4 15.6





#73

Di-n-butylphthalate

Concen: 42.13 ng

RT: 11.54 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

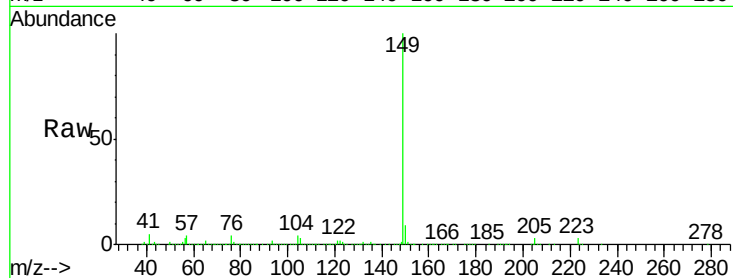
Tot Ion:149 Resp: 979653

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.8

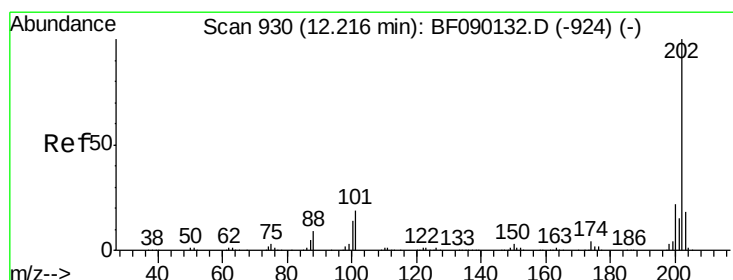
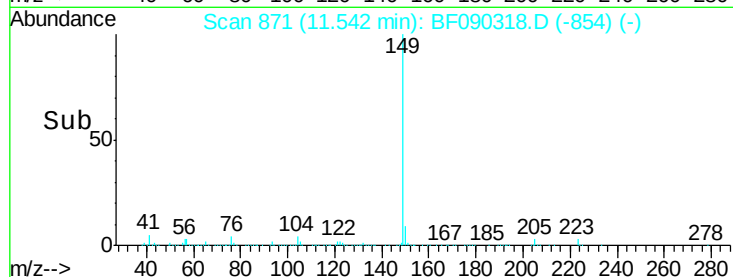
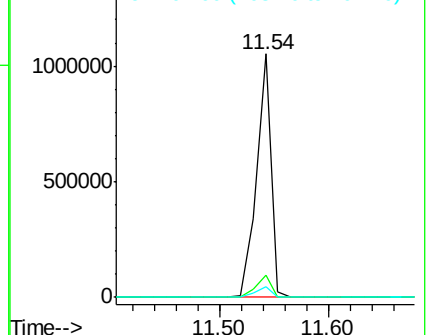
104 4.3 3.9 5.9



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: 34.19 ng

RT: 12.15 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

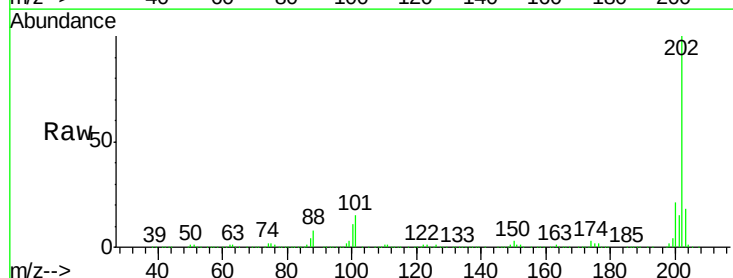
Tgt Ion:202 Resp: 661845

Ion Ratio Lower Upper

202 100

101 15.4 0.0 36.1

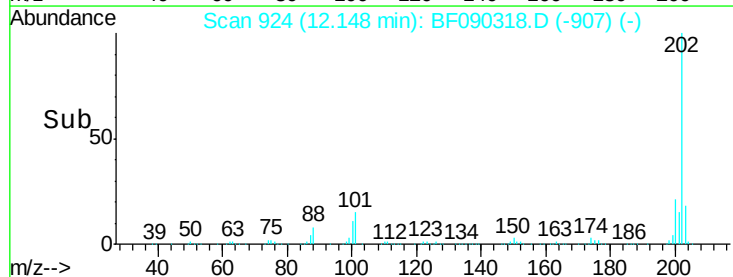
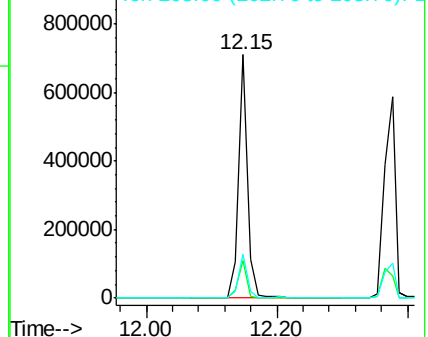
203 17.9 0.0 38.2

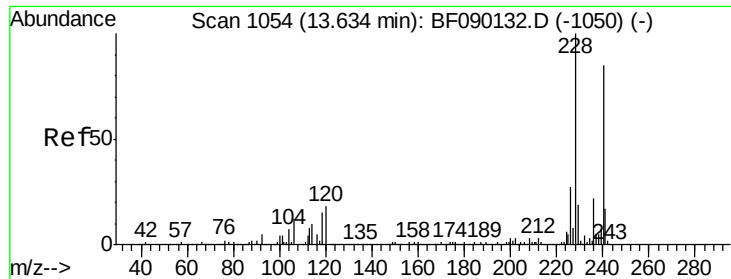


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.57 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

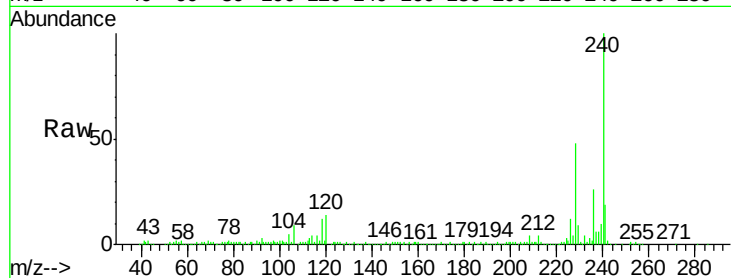
Tot Ion:240 Resp: 267715

Ion Ratio Lower Upper

240 100

120 13.8 10.6 16.0

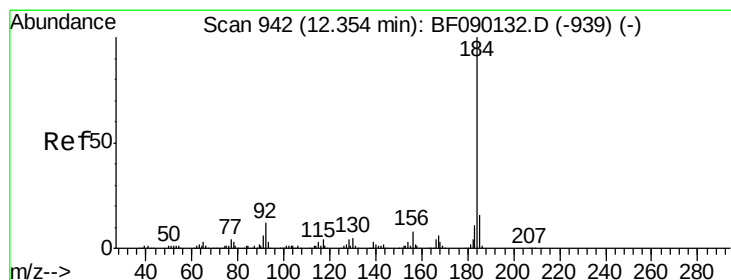
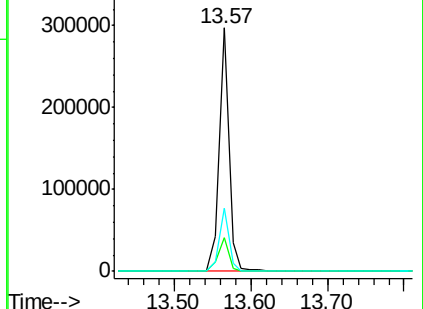
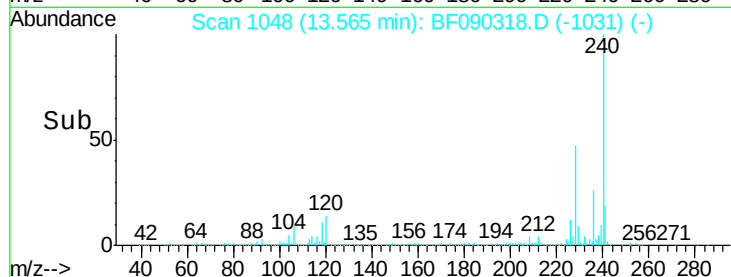
236 25.8 21.6 32.4



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: 5.96 ng

RT: 12.30 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

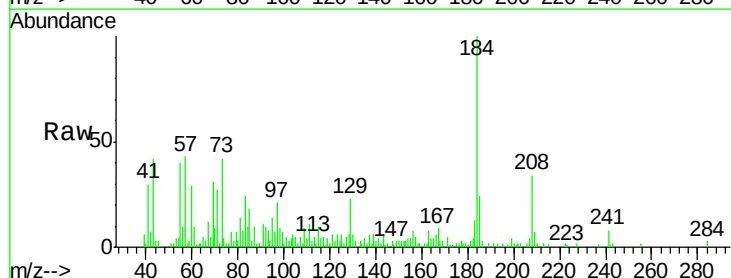
Tgt Ion:184 Resp: 53401

Ion Ratio Lower Upper

184 100

185 24.2 13.2 19.8#

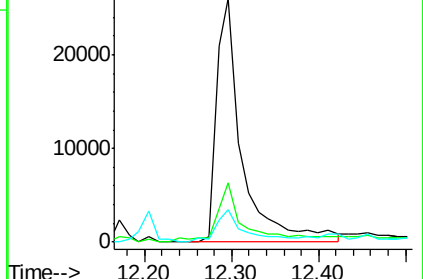
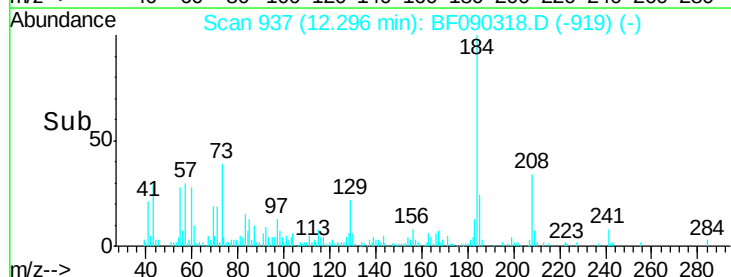
183 13.2 9.2 13.8

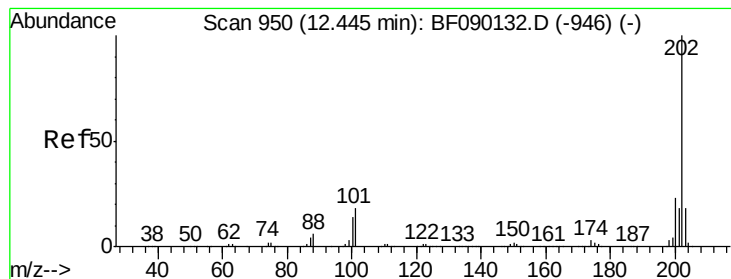


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.26 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

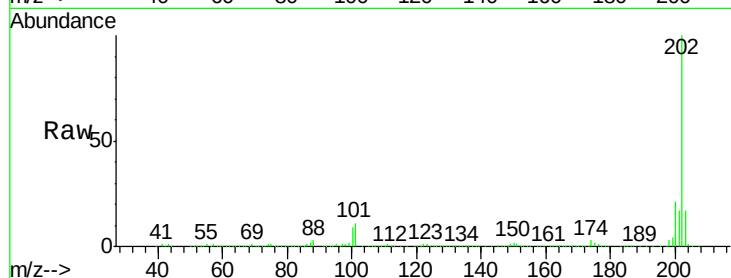
Tot Ion:202 Resp: 700824

Ion Ratio Lower Upper

202 100

200 21.5 17.9 26.9

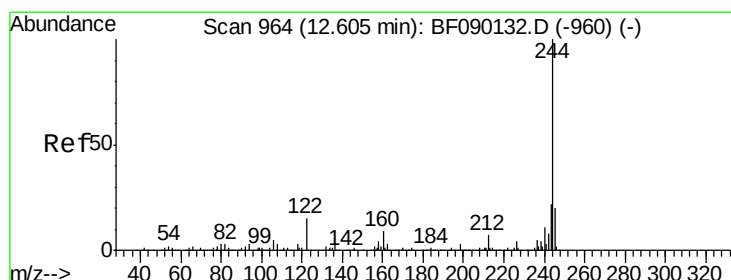
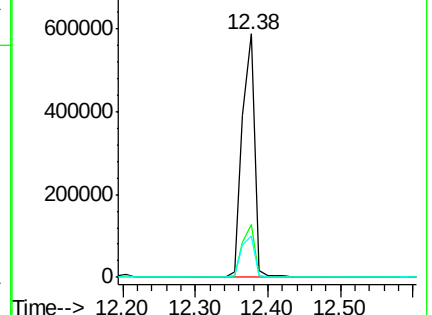
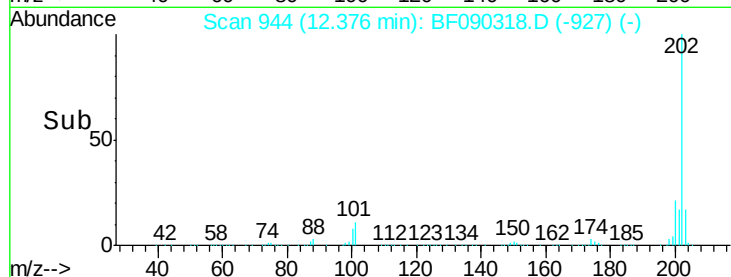
203 17.2 14.2 21.4



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: 66.14 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

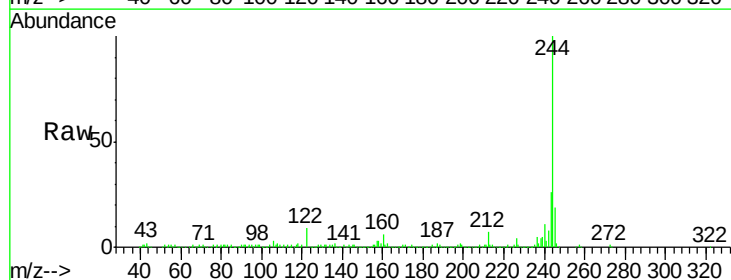
Tgt Ion:244 Resp: 697406

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

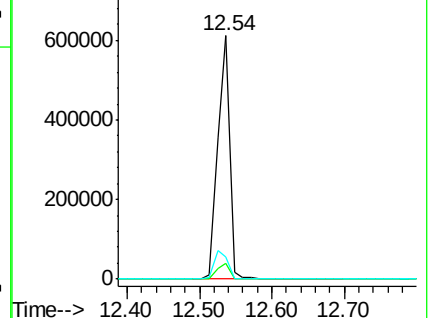
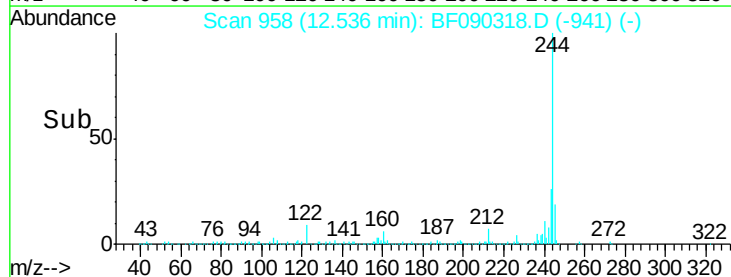
122 8.9 9.4 14.0#

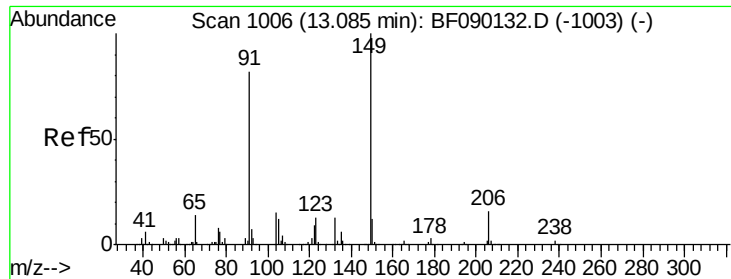


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.29 ng

RT: 13.02 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

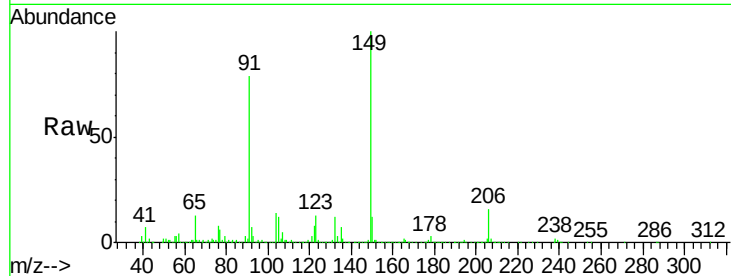
Tot Ion:149 Resp: 316224

Ion Ratio Lower Upper

149 100

91 79.0 49.8 74.6#

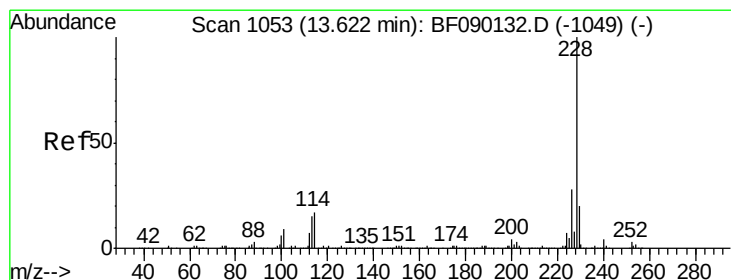
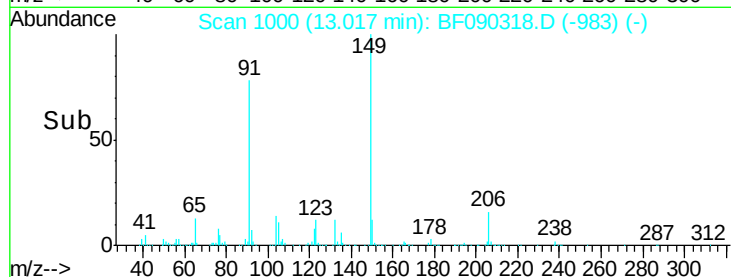
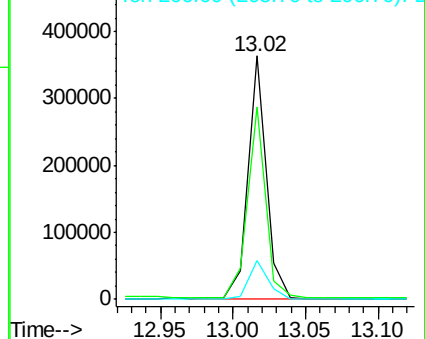
206 15.9 16.3 24.5#



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: 37.33 ng

RT: 13.55 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

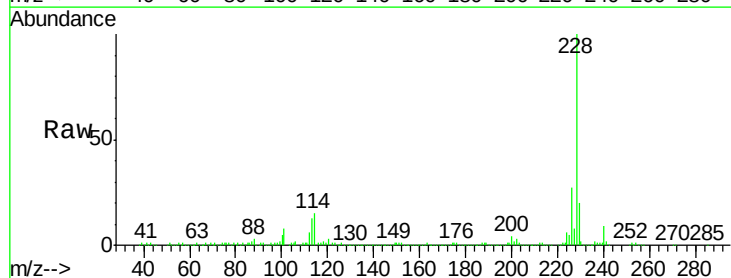
Tgt Ion:228 Resp: 537623

Ion Ratio Lower Upper

228 100

226 27.4 22.0 33.0

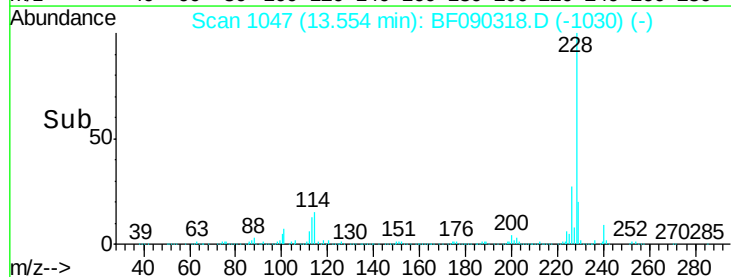
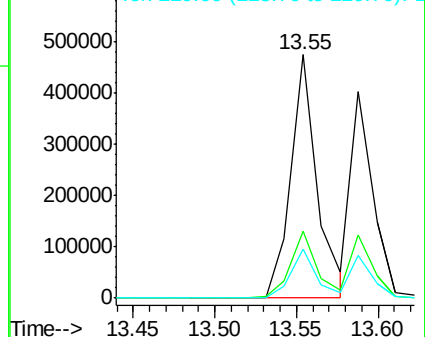
229 20.2 16.2 24.2

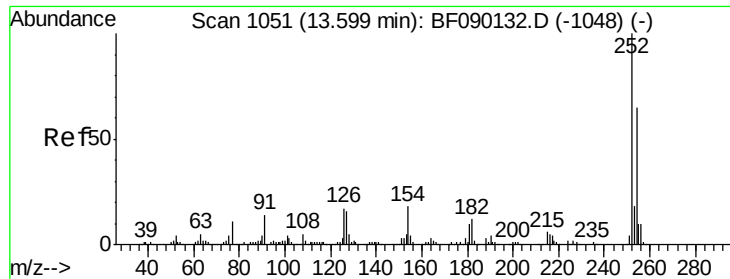


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

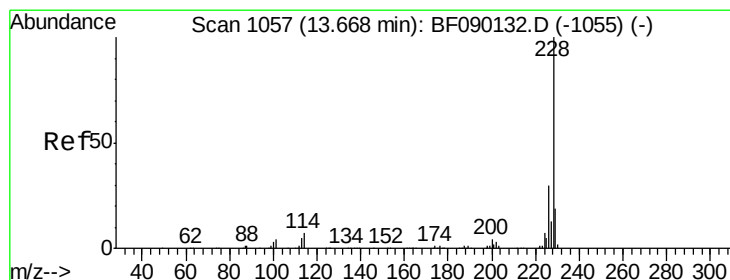
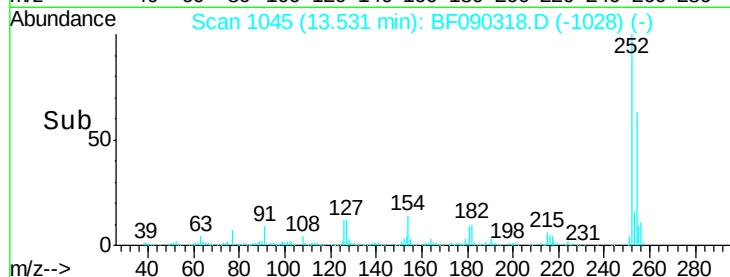
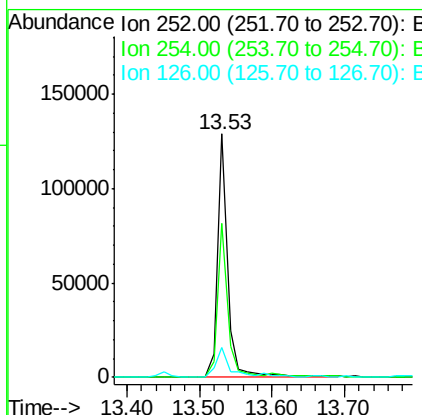
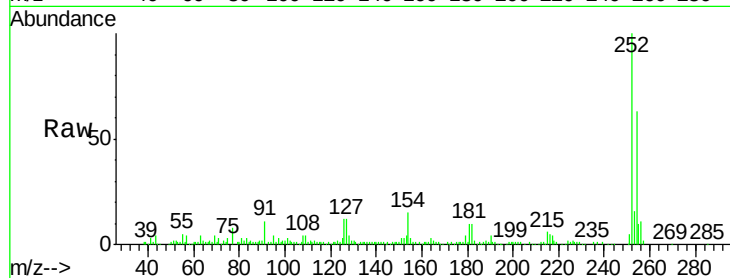




#81
 3,3'-Dichlorobenzidine
 Concen: 21.42 ng
 RT: 13.53 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

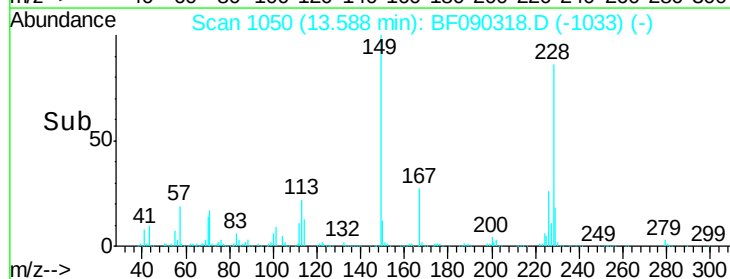
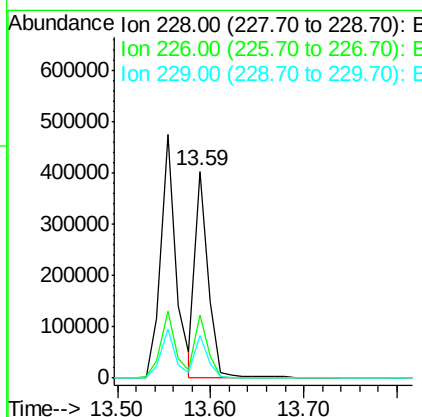
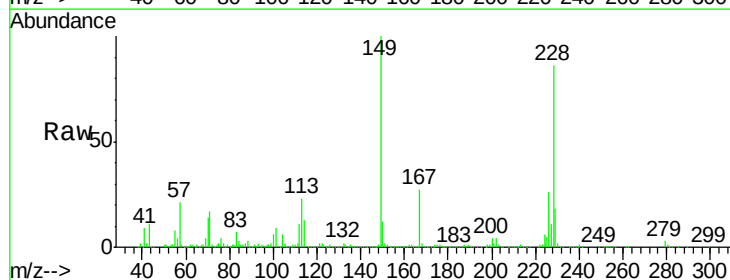
Instrument :
 BNA_F
 ClientSampleId :
 PA-4MS

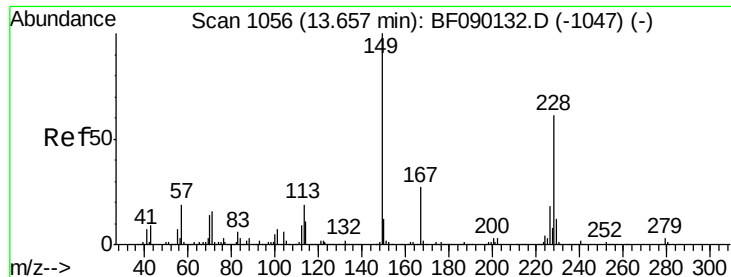
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	50.7	76.1
126	12.1	9.2	13.8



#82
 Chrysene
 Concen: 28.28 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BF090318.D
 Acq: 30 Sep 2016 17:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	20.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.46 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

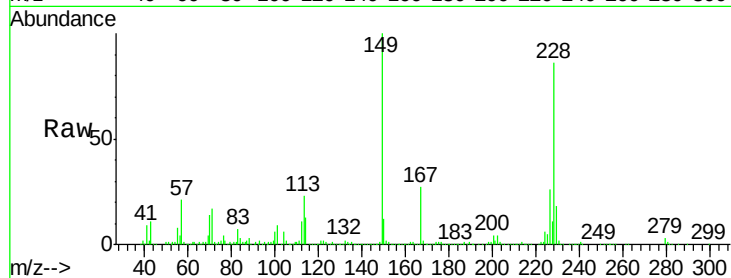
Tot Ion:149 Resp: 441013

Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

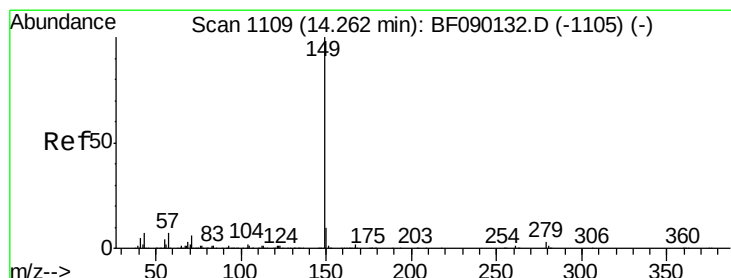
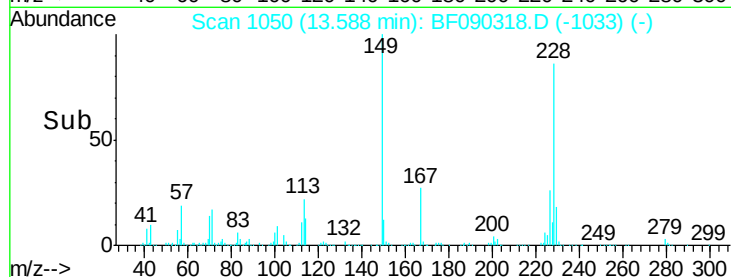
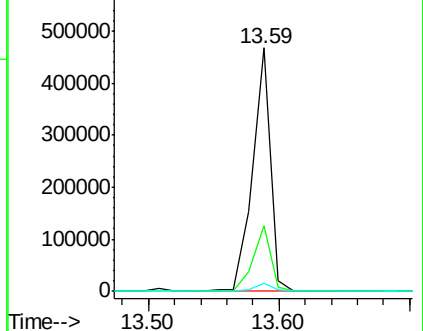
279 3.3 2.2 3.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.56 ng

RT: 14.19 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

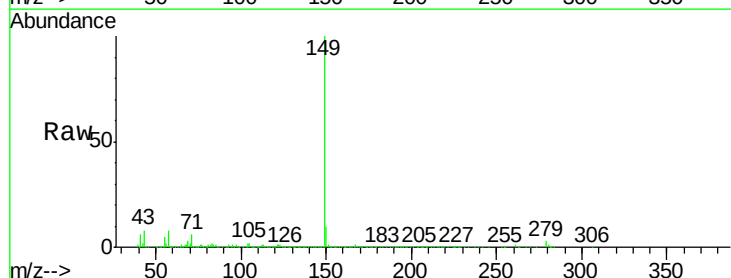
Tgt Ion:149 Resp: 781463

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

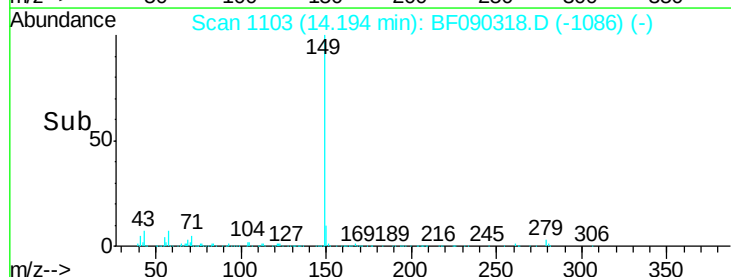
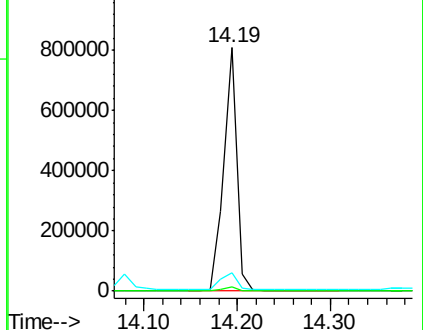
43 7.9 6.8 10.2

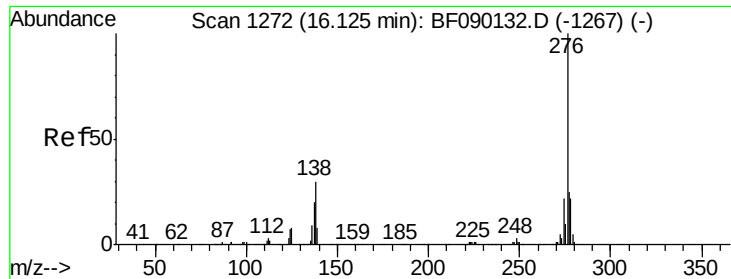


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.67 ng

RT: 16.02 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

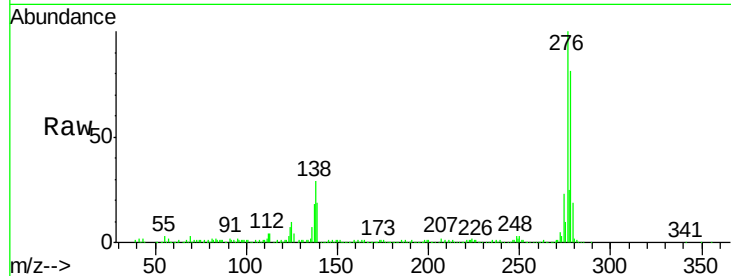
Tot Ion:276 Resp: 518138

Ion Ratio Lower Upper

276 100

138 28.8 25.9 38.9

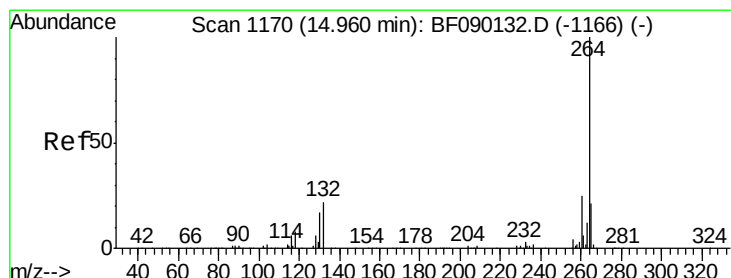
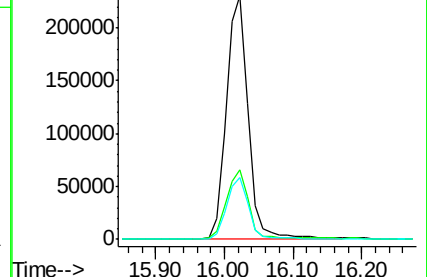
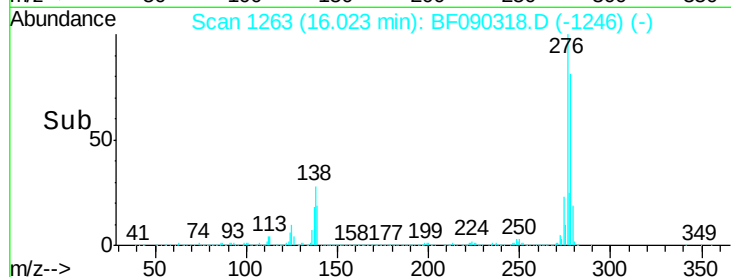
277 25.9 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.88 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

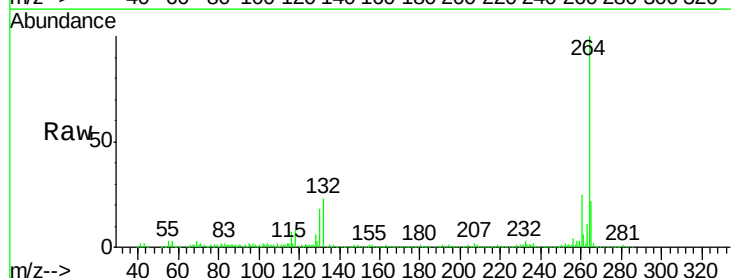
Tgt Ion:264 Resp: 254280

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

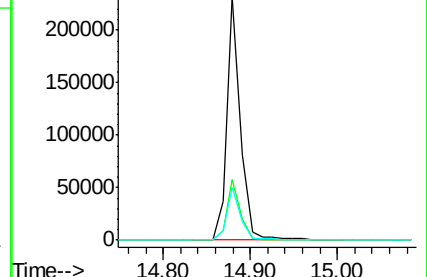
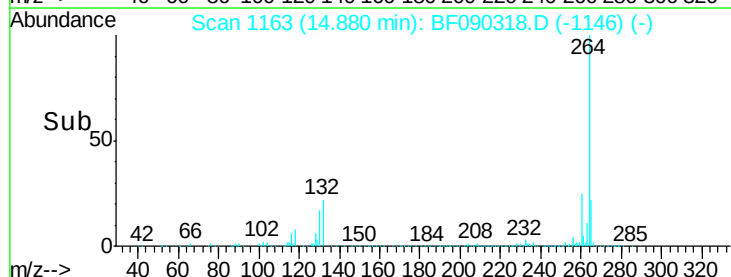
265 21.8 17.0 25.4

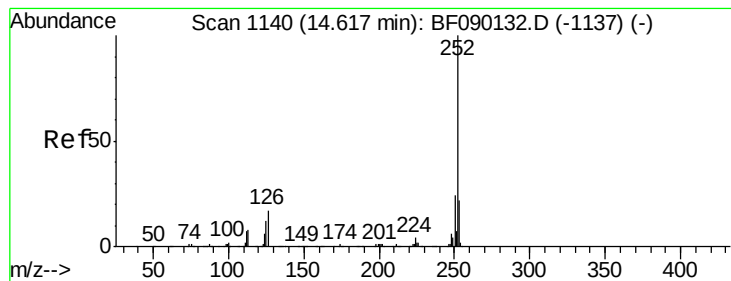


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.94 ng m

RT: 14.55 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

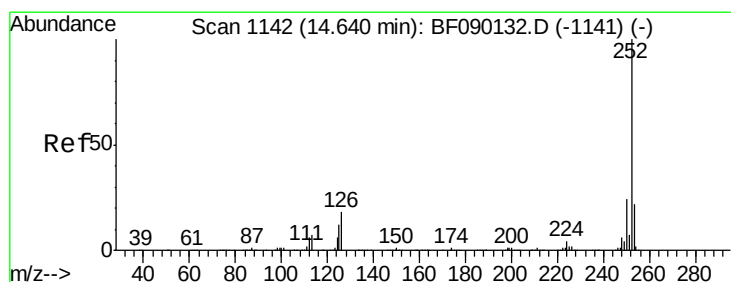
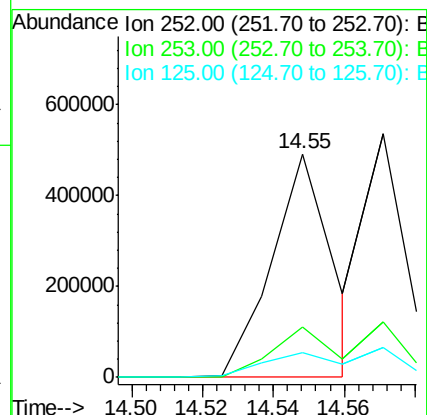
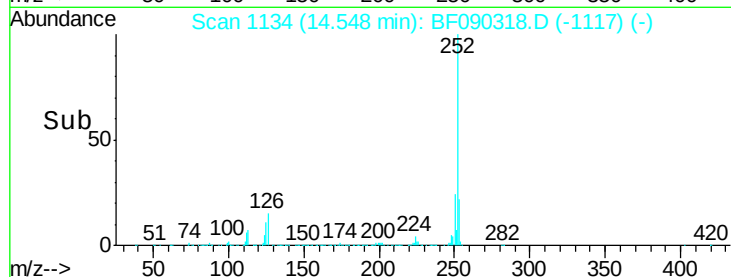
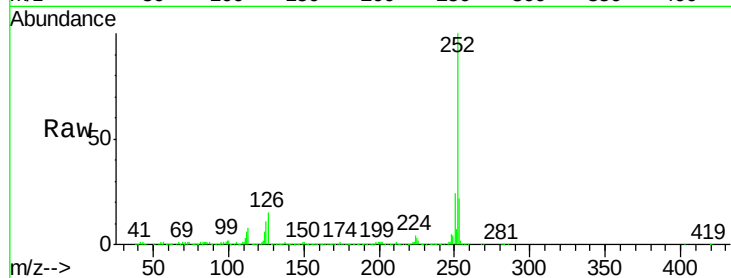
Tot Ion:252 Resp: 590551

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 11.1 12.7 19.1#



#88

Benzo(k)fluoranthene

Concen: 33.15 ng m

RT: 14.57 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

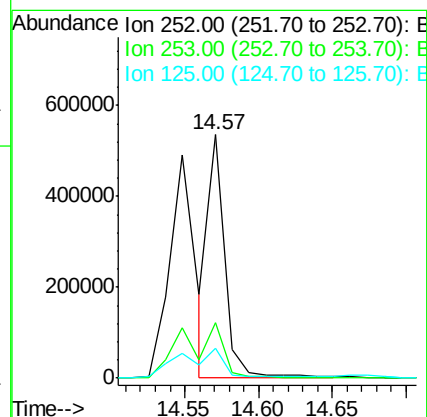
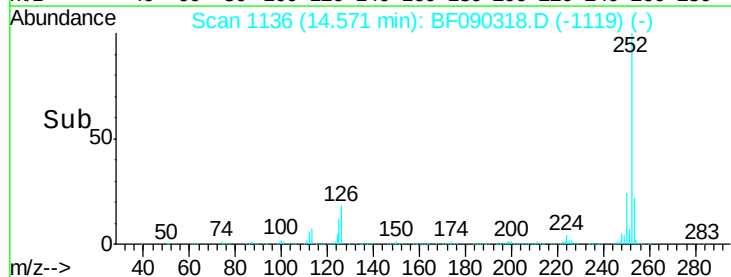
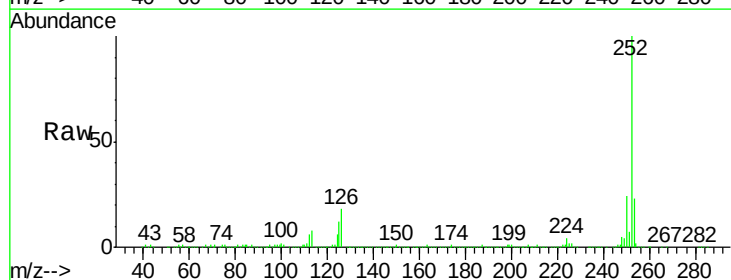
Tgt Ion:252 Resp: 438008

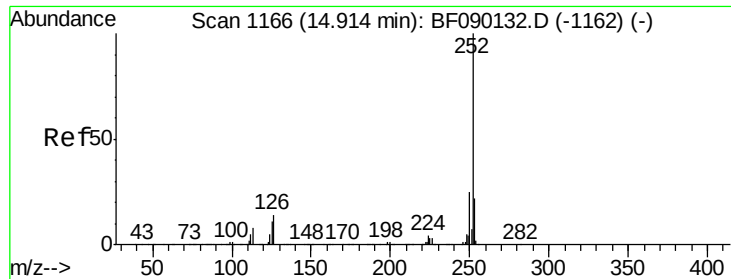
Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

125 12.4 7.8 11.6#

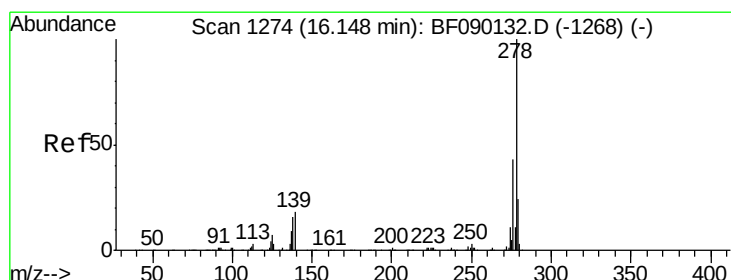
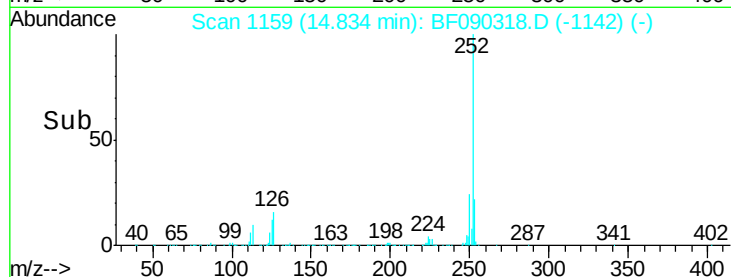
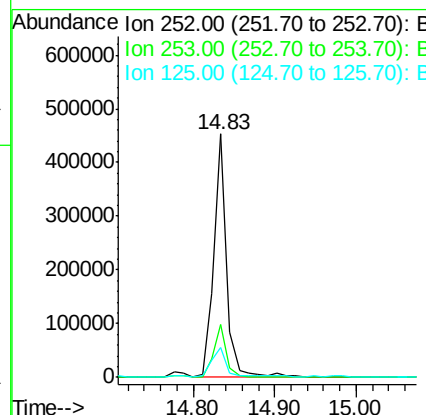
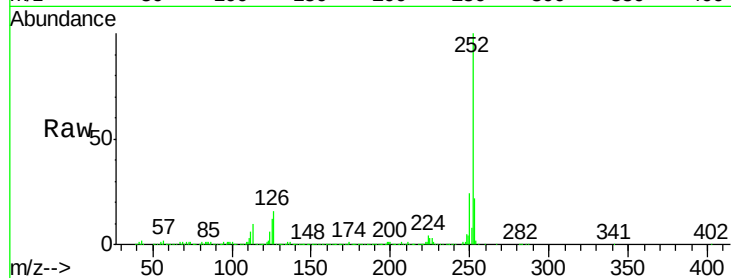




#89
Benzo(a)pyrene
Concen: 37.85 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

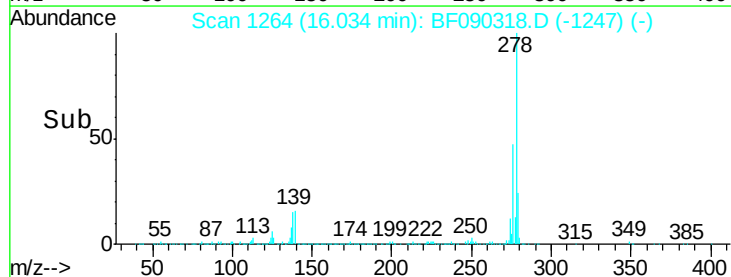
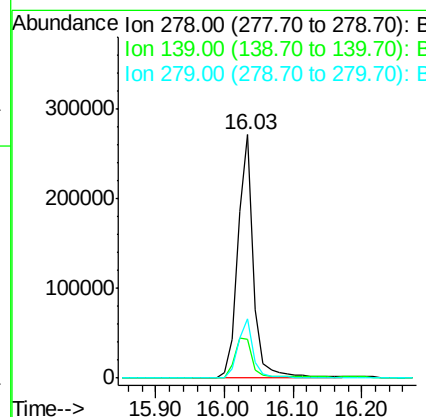
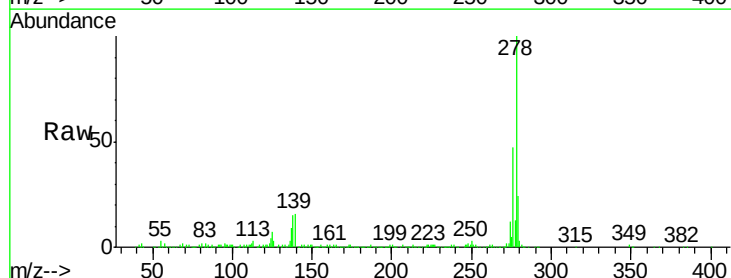
Instrument :
BNA_F
ClientSampleId :
PA-4MS

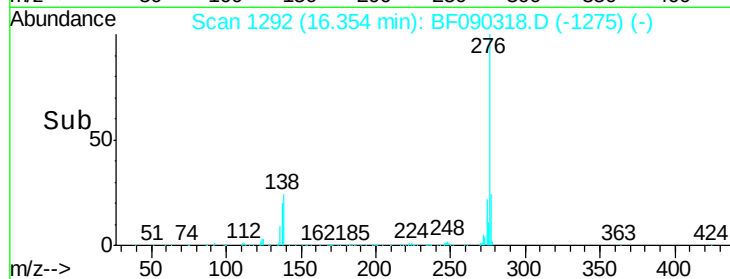
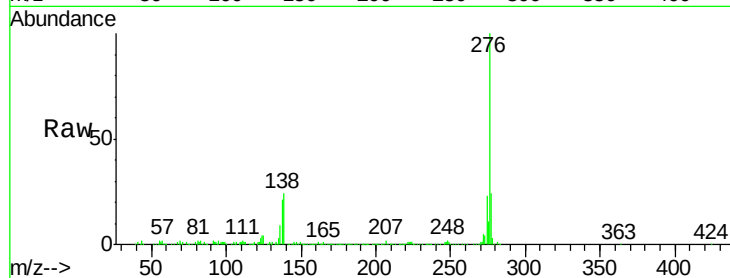
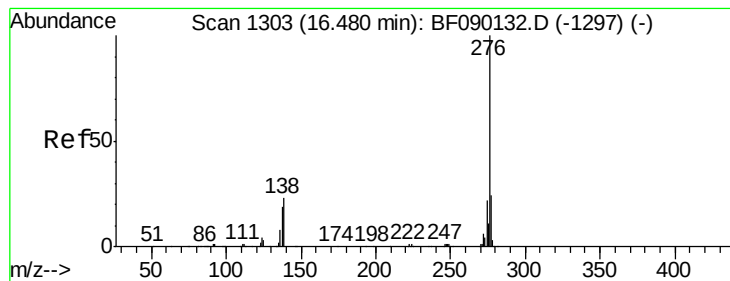
Tot Ion:252 Resp: 501374
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 12.4 7.7 11.5#



#90
Dibenzo(a,h)anthracene
Concen: 42.29 ng
RT: 16.03 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BF090318.D
Acq: 30 Sep 2016 17:35

Tgt Ion:278 Resp: 437111
Ion Ratio Lower Upper
278 100
139 15.9 14.6 21.8
279 24.1 18.8 28.2





#91

Benzo(a,h,i)perylene

Concen: 41.34 ng

RT: 16.35 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF090318.D

Acq: 30 Sep 2016 17:35

Instrument :

BNA_F

ClientSampleId :

PA-4MS

Tot Ion: 276 Resp: 418254

Ion Ratio Lower Upper

276 100

277 24.2 18.9 28.3

138 24.3 23.3 34.9

