

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092360.D
 Acq On : 18 Jan 2017 19:29
 Operator : UM/SJ
 Sample : I1260-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

Quant Time: Jan 19 03:11:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 01:06:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	149382	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	557364	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	274387	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	505239	20.00	ng	0.00
75) Chrysene-d12	13.69	240	319336	20.00	ng	-0.01
86) Perylene-d12	15.03	264	383816	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1262664	141.14	ng	0.01
7) Phenol-d6	6.22	99	1715034	157.01	ng	0.00
23) Nitrobenzene-d5	7.12	82	1003679	100.13	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	267483	117.79	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1523843	118.94	ng	0.00
78) Terphenyl-d14	12.63	244	1209819	91.88	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	198246	45.01	ng	97
3) Pyridine	2.61	79	471434	30.67	ng	99
4) n-Nitrosodimethylamine	2.58	42	241296	41.61	ng	92
6) Aniline	6.21	93	298750	21.06	ng	# 58
8) 2-Chlorophenol	6.34	128	509791	50.09	ng	92
9) Benzaldehyde	6.10	77	27322	3.13	ng	96
10) Phenol	6.23	94	715744	57.50	ng	# 64
11) bis(2-Chloroethyl)ether	6.29	93	498394	50.33	ng	100
12) 1,3-Dichlorobenzene	6.48	146	493876	45.46	ng	97
13) 1,4-Dichlorobenzene	6.56	146	549136	49.66	ng	95
14) 1,2-Dichlorobenzene	6.71	146	450094	46.91	ng	98
15) Benzyl Alcohol	6.71	79	403658	47.56	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	666238	45.17	ng	# 31
17) 2-Methylphenol	6.84	107	396389	48.43	ng	# 92
18) Hexachloroethane	7.06	117	180926	44.13	ng	94
19) n-Nitroso-di-n-propylamine	6.98	70	351539	48.38	ng	99
20) 3+4-Methylphenols	7.00	107	527200	54.01	ng	# 73
22) Acetophenone	6.96	105	724696	52.71	ng	# 94
24) Nitrobenzene	7.14	77	467971	43.84	ng	99
25) Isophorone	7.39	82	917186	49.60	ng	100
26) 2-Nitrophenol	7.46	139	237431	45.10	ng	97
27) 2,4-Dimethylphenol	7.51	122	408476	46.78	ng	97
28) bis(2-Chloroethoxy)methane	7.60	93	625428	55.77	ng	100
29) 2,4-Dichlorophenol	7.72	162	356129	48.16	ng	96
30) 1,2,4-Trichlorobenzene	7.78	180	366227	45.20	ng	# 95
31) Naphthalene	7.86	128	1279899	50.17	ng	99
32) Benzoic acid	7.65	122	44768	6.91	ng	90
33) 4-Chloroaniline	7.92	127	111492	9.69	ng	95
34) Hexachlorobutadiene	7.98	225	201375	47.08	ng	99
35) Caprolactam	8.29	113	98179m	40.41	ng	
36) 4-Chloro-3-methylphenol	8.43	107	393581	46.26	ng	98
37) 2-Methylnaphthalene	8.55	142	793192	56.48	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	320352	46.21	ng	98
40) Hexachlorocyclopentadiene	8.70	237	201224	65.91	ng	96

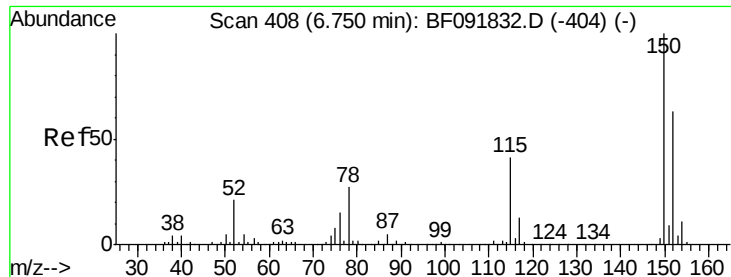
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	220099	45.40	ng	97
43) 2,4,5-Trichlorophenol	8.90	196	199656	40.02	ng #	85
45) 1,1'-Biphenyl	9.01	154	905233	48.18	ng	97
46) 2-Chloronaphthalene	9.03	162	723832	48.65	ng	96
47) 2-Nitroaniline	9.15	65	230325	43.48	ng #	64
48) Acenaphthylene	9.44	152	1092425	47.74	ng	98
49) Dimethylphthalate	9.33	163	970271	55.29	ng	99
50) 2,6-Dinitrotoluene	9.39	165	182321	47.47	ng #	77
51) Acenaphthene	9.62	154	712037	45.90	ng	99
52) 3-Nitroaniline	9.56	138	130946	27.55	ng #	77
53) 2,4-Dinitrophenol	9.67	184	109666	51.31	ng #	71
54) Dibenzofuran	9.79	168	953918	45.53	ng	99
55) 4-Nitrophenol	9.75	139	170391m	52.79	ng	
56) 2,4-Dinitrotoluene	9.80	165	215946	44.79	ng #	65
57) Fluorene	10.13	166	753090	49.41	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	174118	44.12	ng	98
59) Diethylphthalate	10.02	149	777466	45.62	ng	98
60) 4-Chlorophenyl-phenylether	10.12	204	300146	44.97	ng	96
61) 4-Nitroaniline	10.16	138	165782	33.65	ng	98
62) Azobenzene	10.28	77	860327	45.85	ng	98
64) 4,6-Dinitro-2-methylphenol	10.20	198	108303	35.45	ng #	23
65) n-Nitrosodiphenylamine	10.24	169	599723	40.00	ng	99
66) 4-Bromophenyl-phenylether	10.61	248	239036	45.48	ng #	88
67) Hexachlorobenzene	10.68	284	262203	46.67	ng #	86
68) Atrazine	10.78	200	251202	51.94	ng	99
69) Pentachlorophenol	10.87	266	191293	69.40	ng	97
70) Phenanthrene	11.08	178	1234000	45.04	ng	99
71) Anthracene	11.14	178	1357568	66.90	ng	98
72) Carbazole	11.30	167	1186289	69.45	ng	98
73) Di-n-butylphthalate	11.64	149	1503573	59.22	ng #	96
74) Fluoranthene	12.26	202	1097706	45.73	ng	98
76) Benzidine	12.39	184	228842	25.03	ng	97
77) Pyrene	12.49	202	1086397	46.37	ng	99
79) Butylbenzylphthalate	13.13	149	499923	46.91	ng #	75
80) Benzo(a)anthracene	13.67	228	948204	52.60	ng	99
81) 3,3'-Dichlorobenzidine	13.64	252	210201	30.75	ng	98
82) Chrysene	13.71	228	782403	43.27	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	649301	51.74	ng	98
84) Di-n-octyl phthalate	14.29	149	1169314	50.30	ng	97
85) Indeno(1,2,3-cd)pyrene	16.26	276	1173886	74.94	ng	98
87) Benzo(h)fluoranthene	14.68	252	1186559m	49.65	ng	
88) Benzo(k)fluoranthene	14.70	252	791026m	38.82	ng	
89) Benzo(a)pyrene	14.99	252	998660	47.09	ng #	97
90) Dibenzo(a,h)anthracene	16.27	278	948558	54.41	ng	98
91) Benzo(g,h,i)perylene	16.62	276	1057105	58.32	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 416

Delta R.T. 0.00 min

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MH-0-12FT-COMPMSD

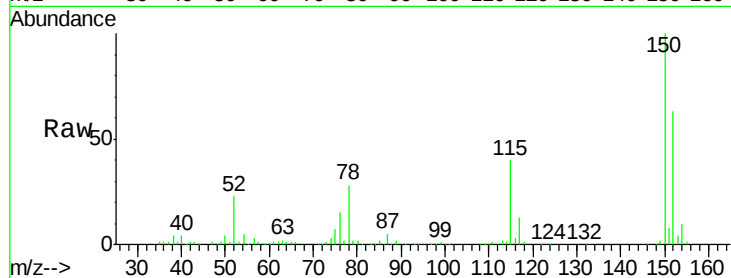
Tgt Ion:152 Resp: 149382

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

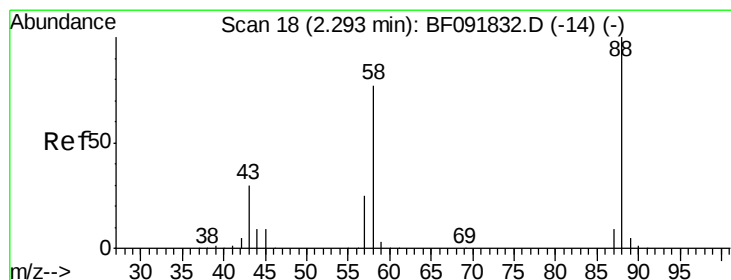
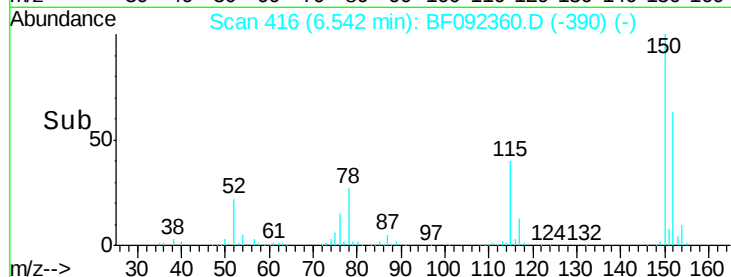
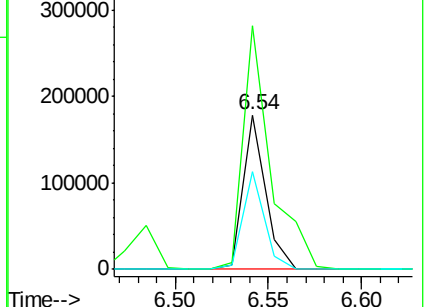
115 63.2 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 45.01 ng

RT: 2.00 min Scan# 19

Delta R.T. 0.07 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

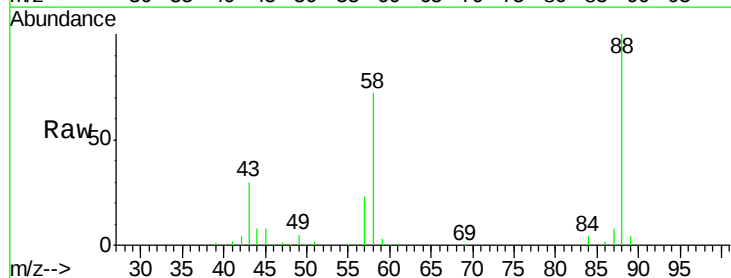
Tgt Ion: 88 Resp: 198246

Ion Ratio Lower Upper

88 100

58 75.5 57.8 86.8

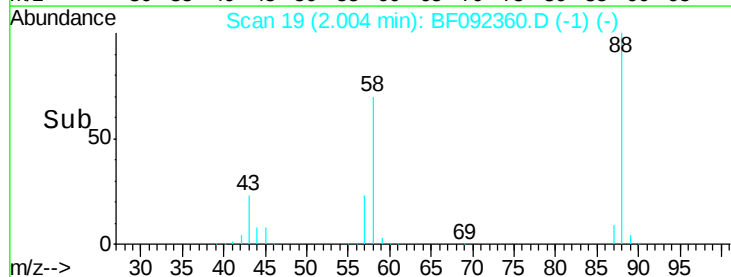
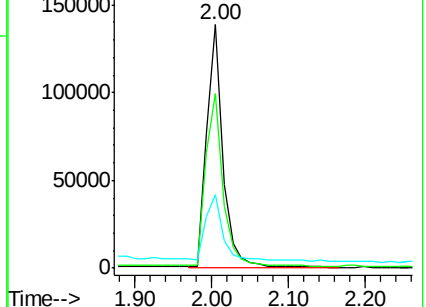
43 28.8 22.3 33.5

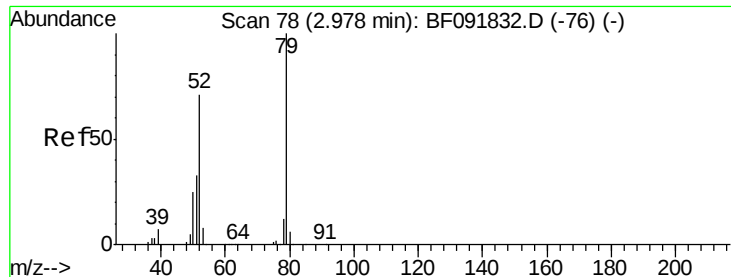


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.67 ng

RT: 2.61 min Scan# 72

Delta R.T. 0.06 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

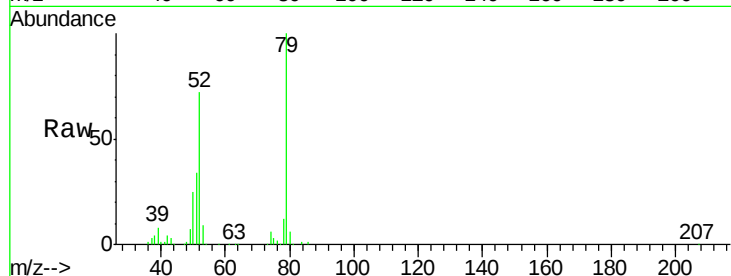
Tgt Ion: 79 Resp: 471434

Ion Ratio Lower Upper

79 100

52 72.3 57.1 85.7

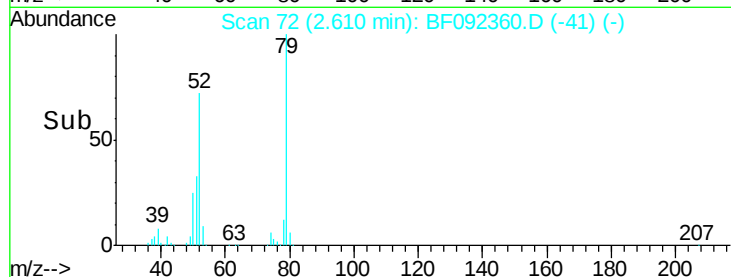
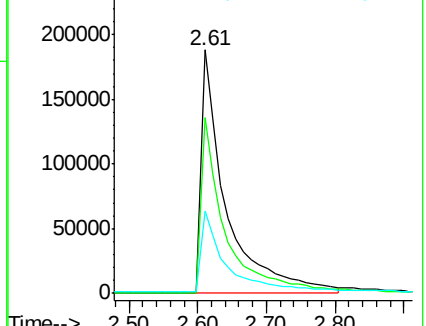
51 33.6 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.61 ng

RT: 2.58 min Scan# 69

Delta R.T. 0.05 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

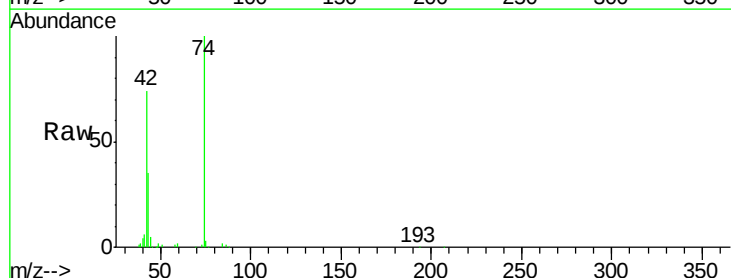
Tgt Ion: 42 Resp: 241296

Ion Ratio Lower Upper

42 100

74 135.5 117.0 175.4

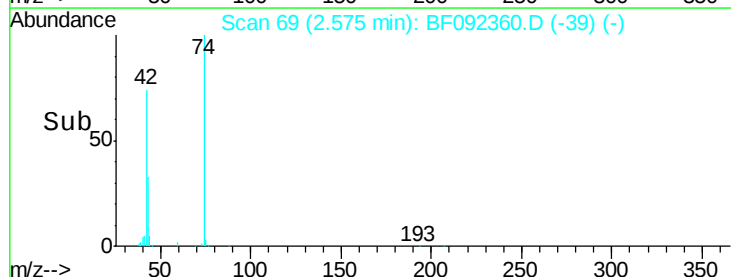
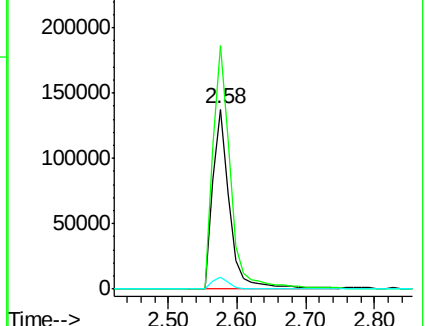
44 6.6 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

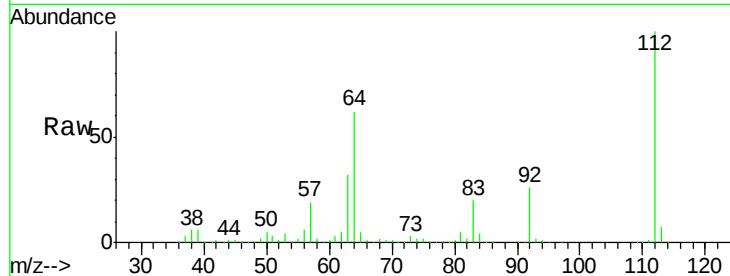




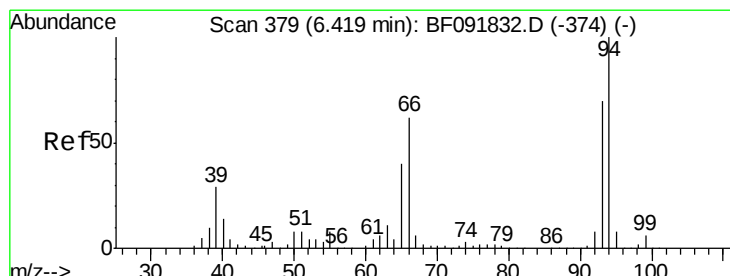
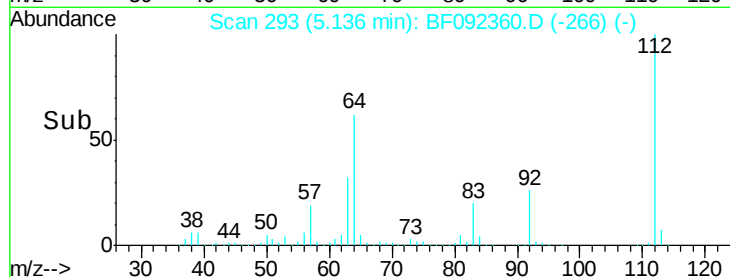
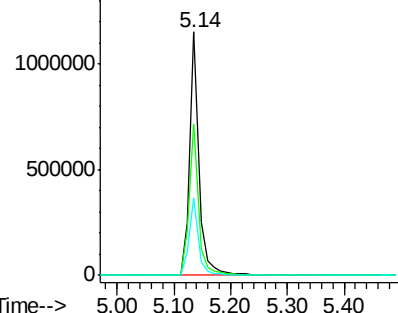
#5
 2-Fluorophenol
 Concen: 141.14 ng
 RT: 5.14 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

Tgt Ion: 112 Resp: 1262664
 Ion Ratio Lower Upper
 112 100
 64 62.1 46.1 69.1
 63 31.9 23.8 35.6

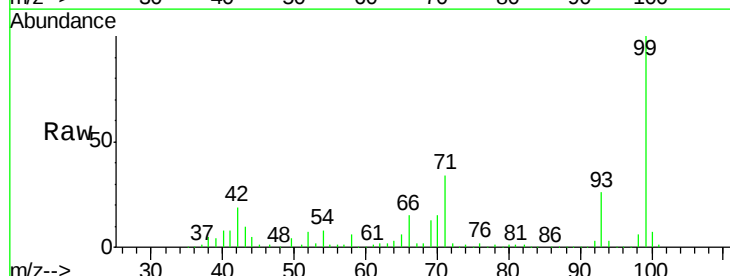


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

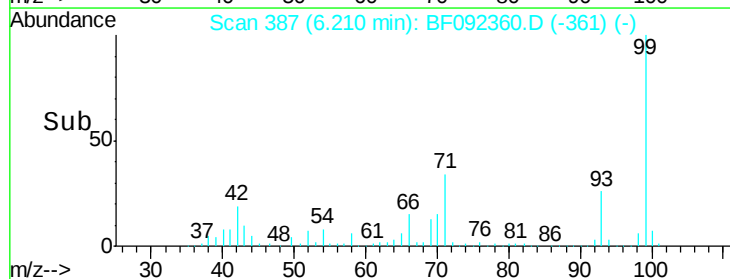
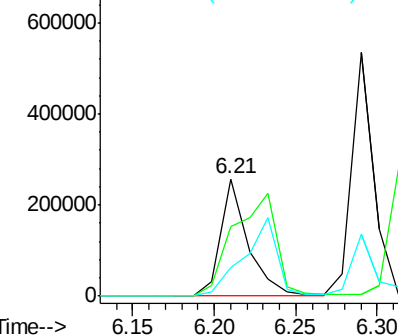


#6
 Aniline
 Concen: 21.06 ng
 RT: 6.21 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Tgt Ion: 93 Resp: 298750
 Ion Ratio Lower Upper
 93 100
 66 59.1 76.2 114.2#
 65 24.5 49.3 73.9#



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: 157.01 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

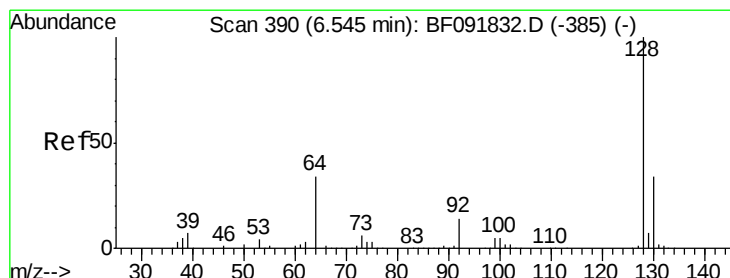
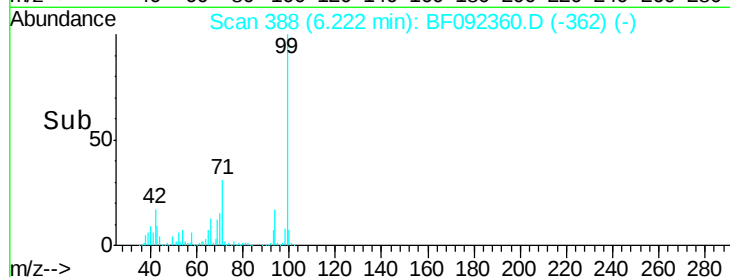
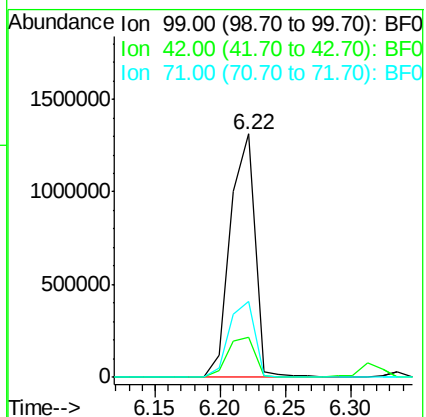
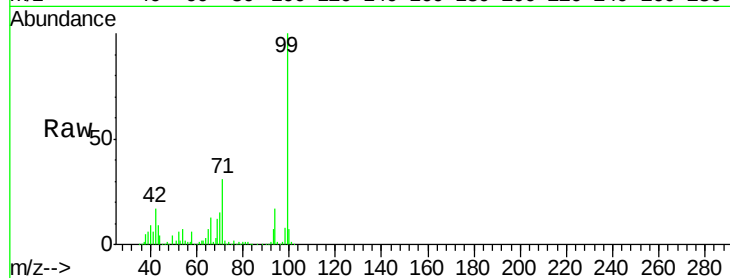
Tgt Ion: 99 Resp: 1715034

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

71 31.4 27.5 41.3



#8

2-Chlorophenol

Concen: 50.09 ng

RT: 6.34 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

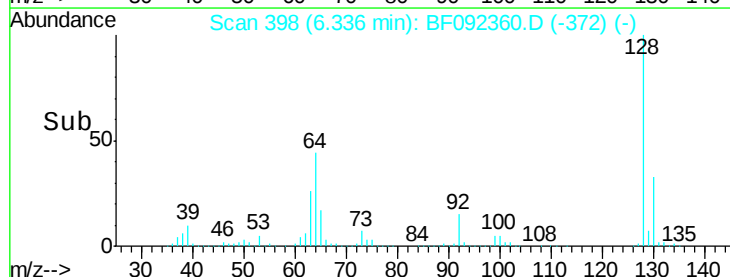
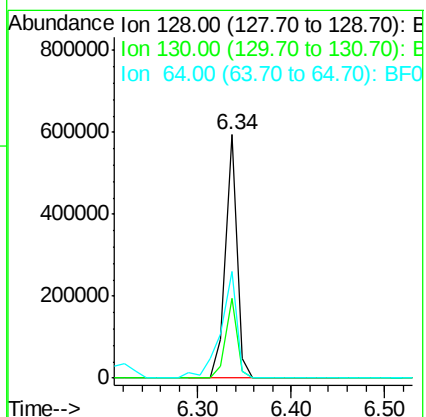
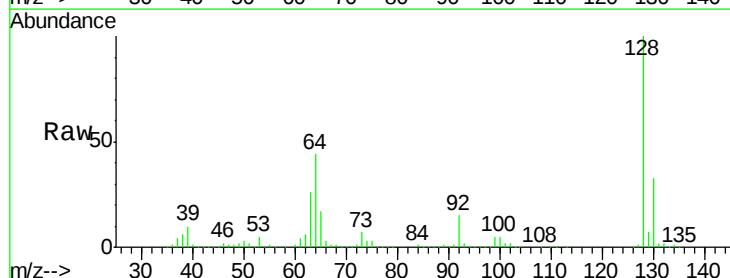
Tgt Ion: 128 Resp: 509791

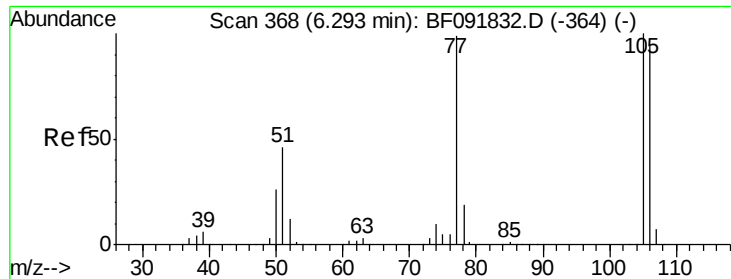
Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

64 43.8 32.2 72.2

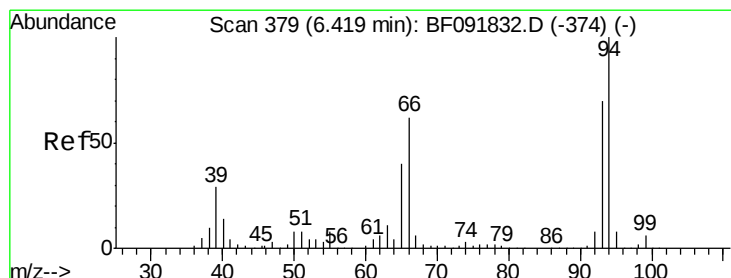
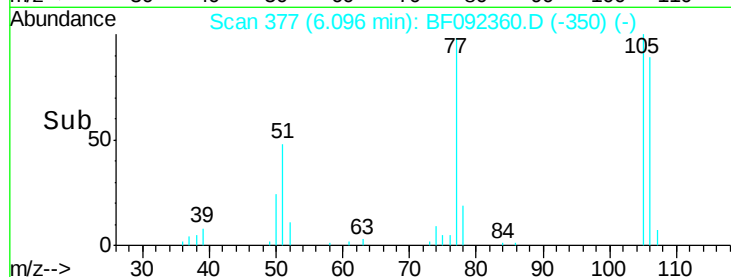
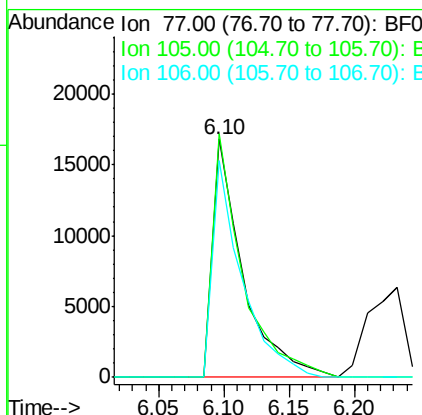
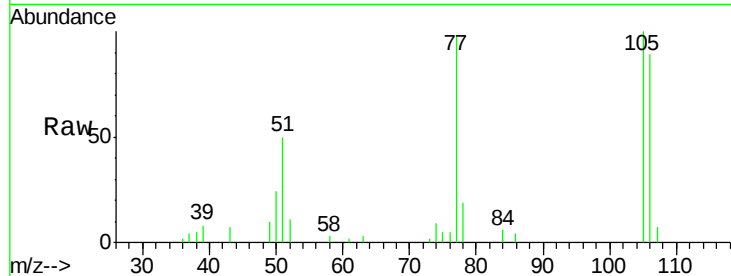




#9
Benzaldehyde
Concen: 3.13 ng
RT: 6.10 min Scan# 377
Delta R.T. 0.01 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

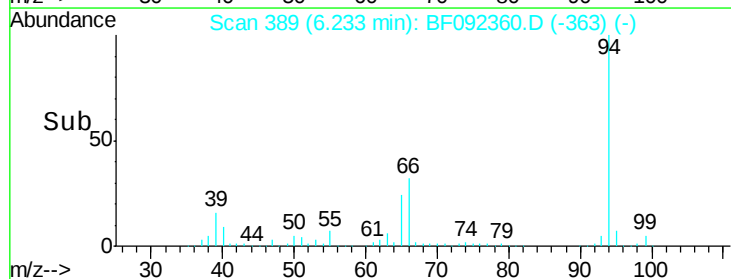
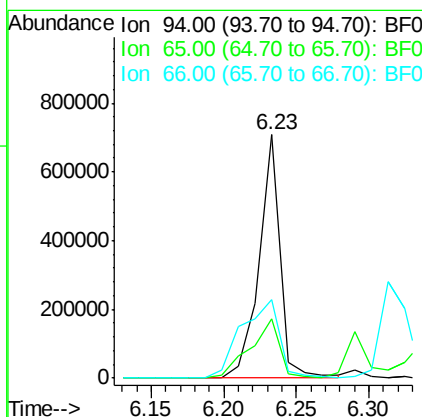
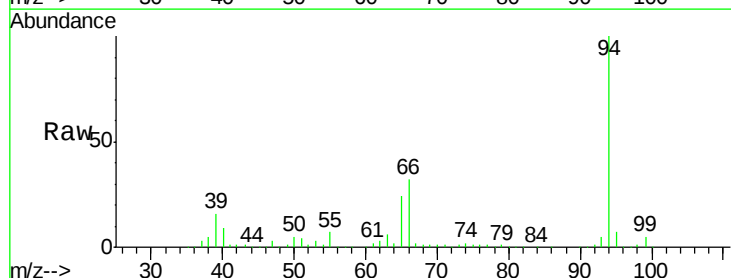
Instrument :
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Tgt Ion: 77 Resp: 27322
Ion Ratio Lower Upper
77 100
105 102.1 83.9 123.9
106 91.2 77.6 117.6



#10
Phenol
Concen: 57.50 ng
RT: 6.23 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion: 94 Resp: 715744
Ion Ratio Lower Upper
94 100
65 24.1 21.4 61.4
66 32.0 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 50.33 ng

RT: 6.29 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

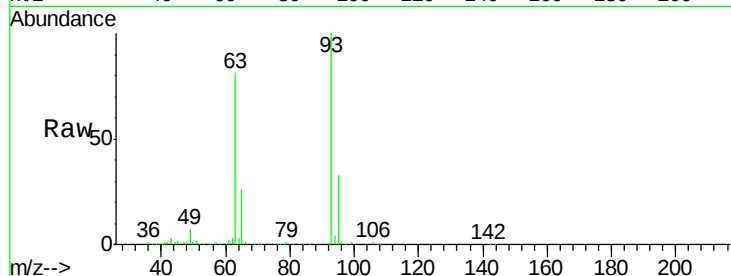
Tgt Ion: 93 Resp: 498394

Ion Ratio Lower Upper

93 100

63 80.9 60.4 100.4

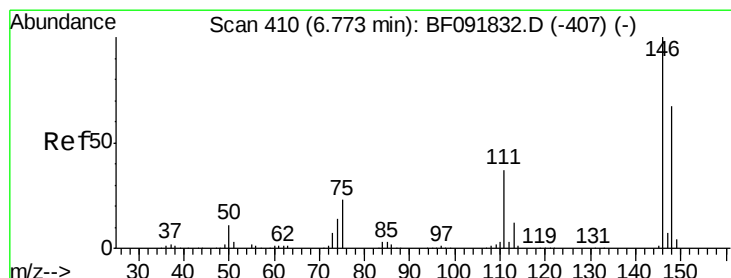
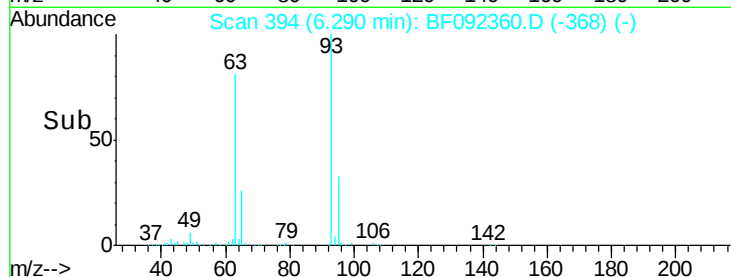
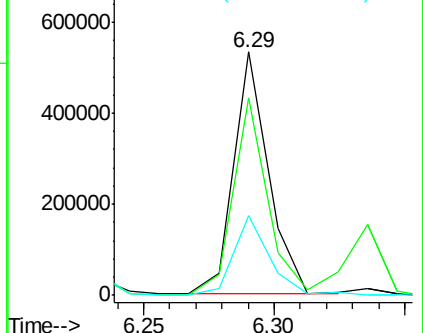
95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 45.46 ng

RT: 6.48 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

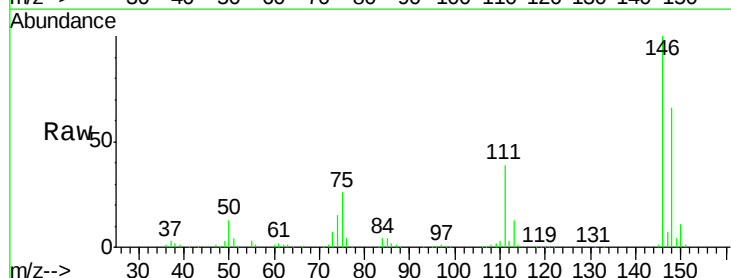
Tgt Ion: 146 Resp: 493876

Ion Ratio Lower Upper

146 100

148 65.7 53.4 80.0

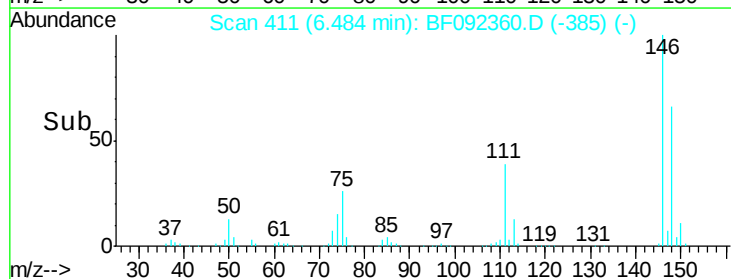
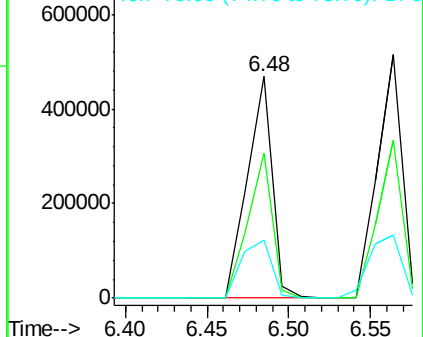
75 26.5 18.5 27.7

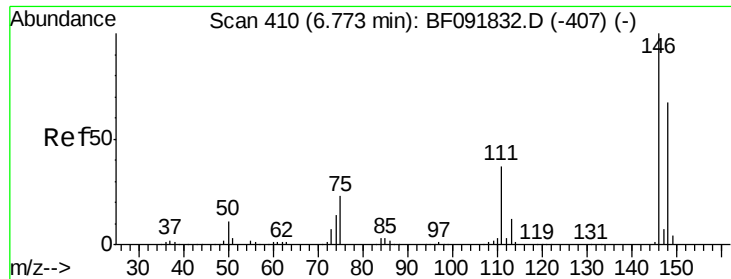


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

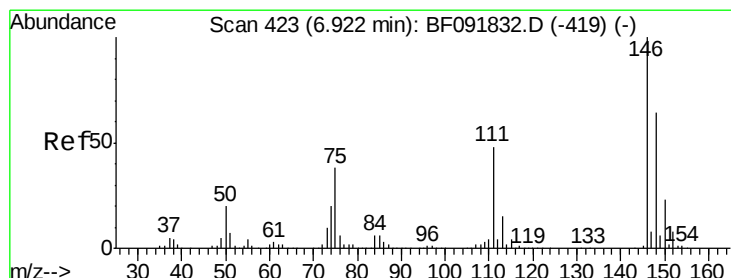
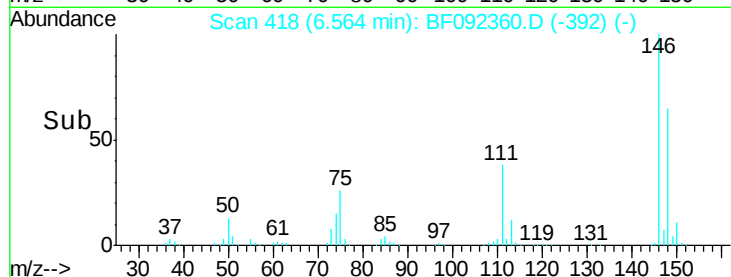
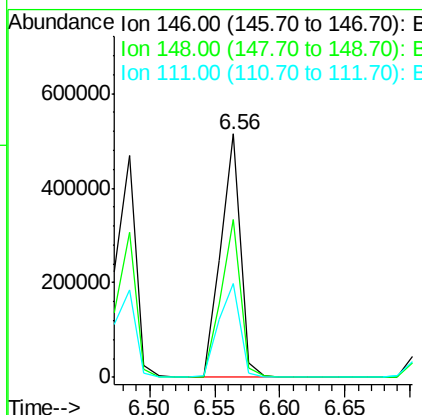
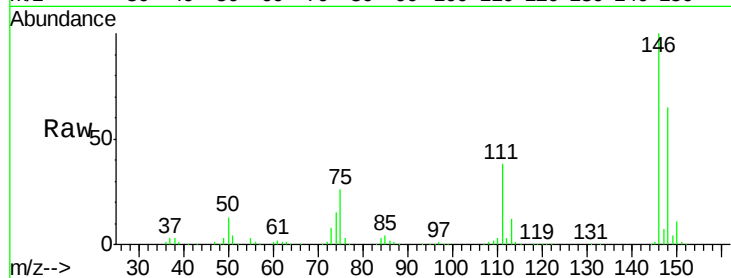




#13
 1,4-Dichlorobenzene
 Concen: 49.66 ng
 RT: 6.56 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

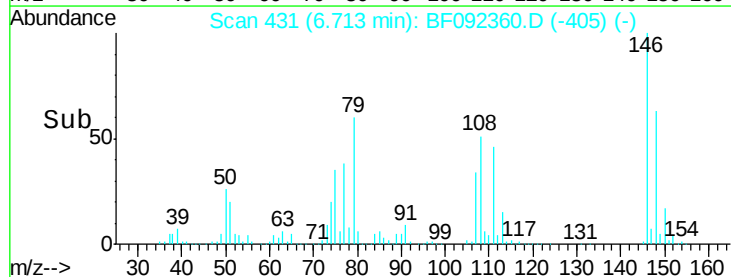
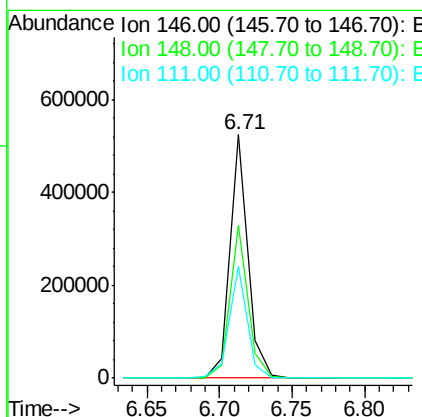
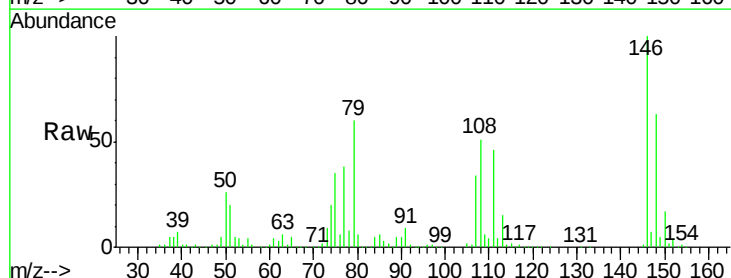
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

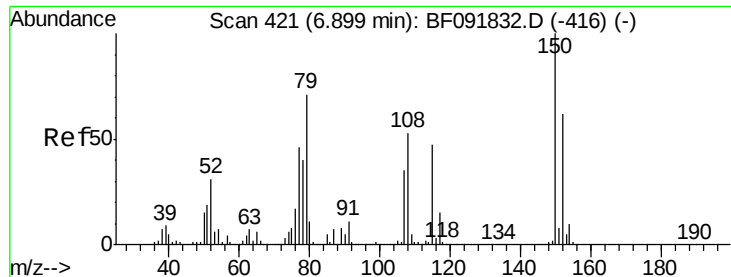
Tgt Ion:146 Resp: 549136
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.6 76.0
 111 38.3 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 46.91 ng
 RT: 6.71 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Tgt Ion:146 Resp: 450094
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.2 78.2
 111 45.9 36.2 54.2





#15

Benzyl Alcohol

Concen: 47.56 ng

RT: 6.71 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

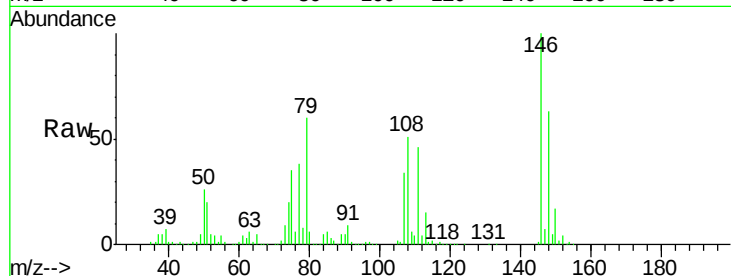
Tgt Ion: 79 Resp: 403658

Ion Ratio Lower Upper

79 100

108 84.1 61.4 92.0

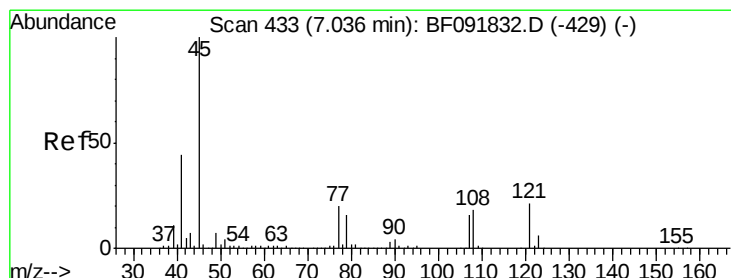
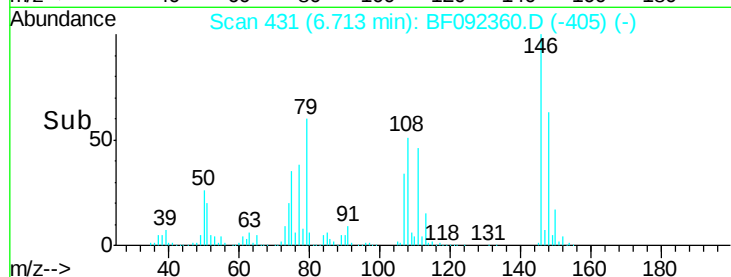
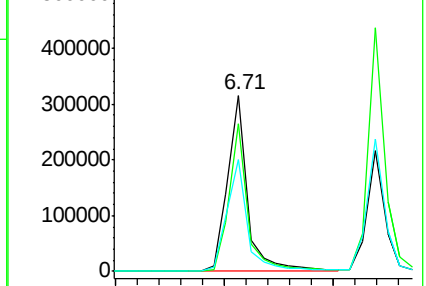
77 63.7 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.17 ng

RT: 6.84 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

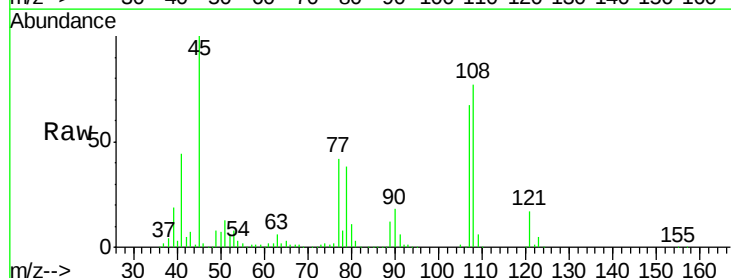
Tgt Ion: 45 Resp: 666238

Ion Ratio Lower Upper

45 100

77 42.3 0.0 34.6#

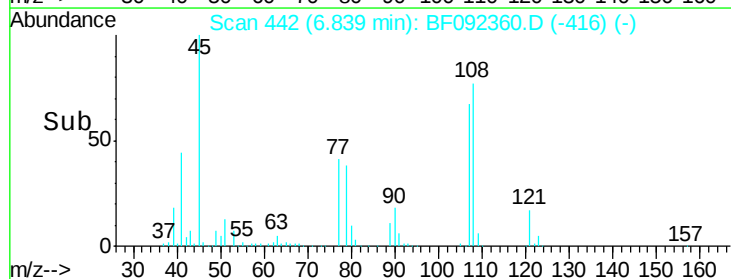
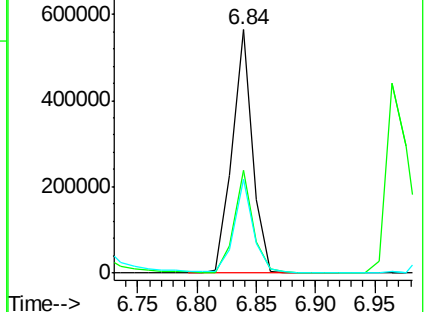
79 38.4 0.0 31.2#

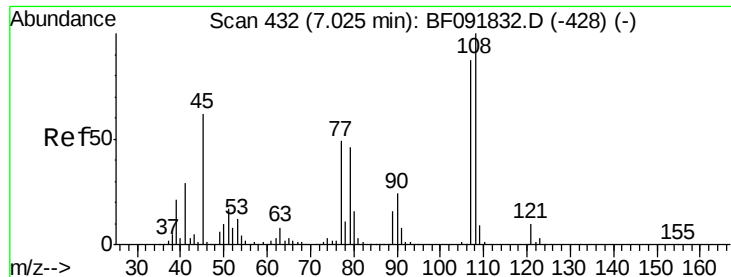


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

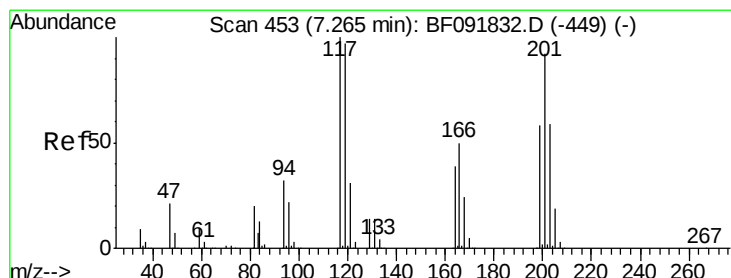
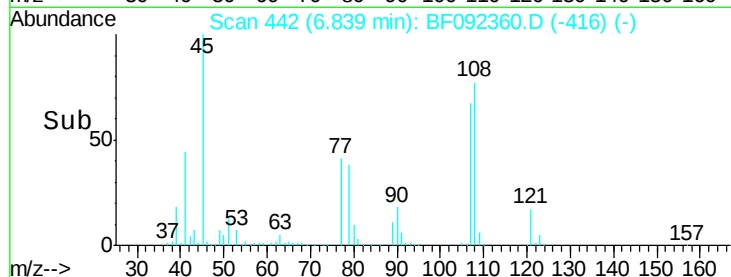
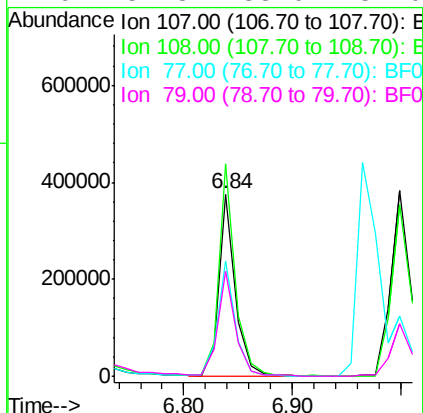
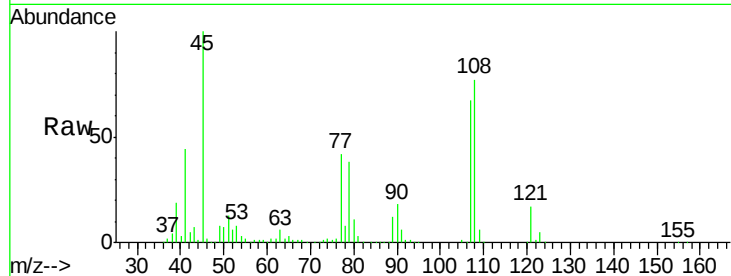




#17
2-Methylphenol
Concen: 48.43 ng
RT: 6.84 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

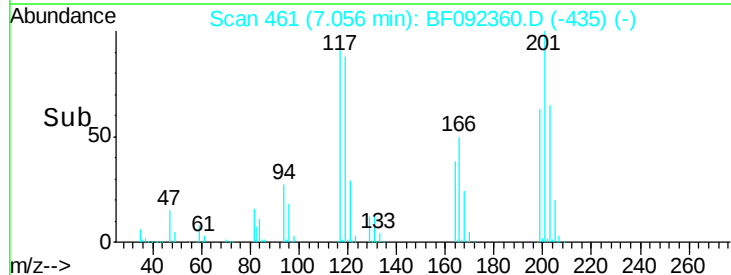
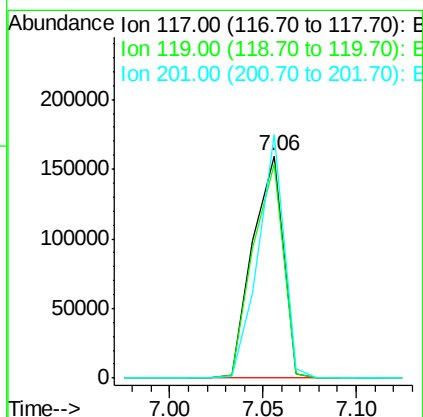
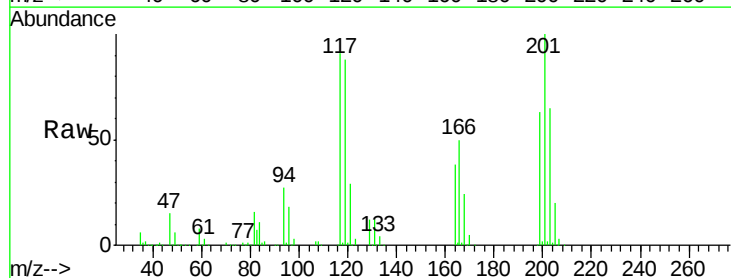
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

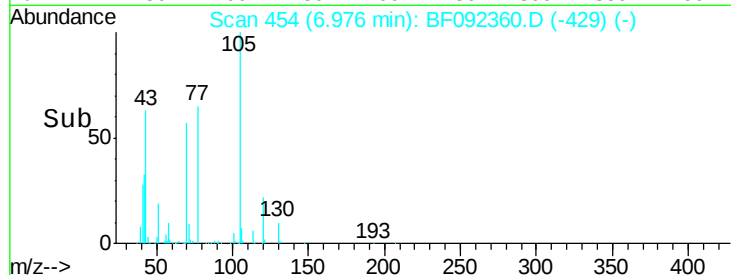
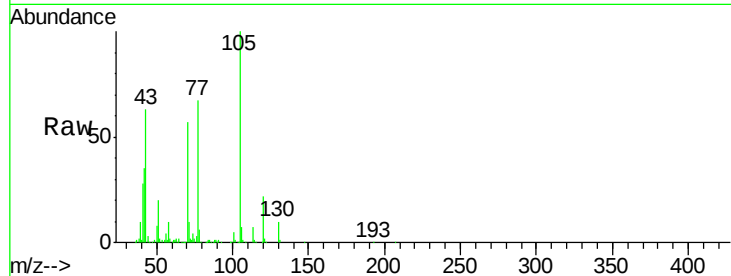
Tgt Ion	Ratio	Lower	Upper
107	100		
108	116.4	93.0	139.6
77	63.5	39.8	59.8#
79	57.8	38.0	57.0#



#18
Hexachloroethane
Concen: 44.13 ng
RT: 7.06 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.1	117.1
201	109.5	78.6	117.8

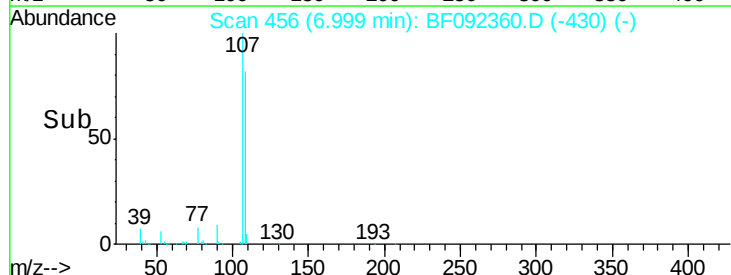
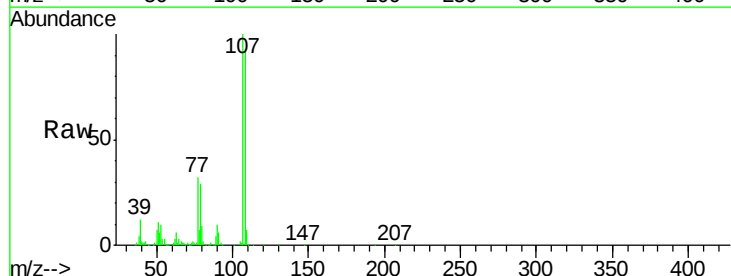
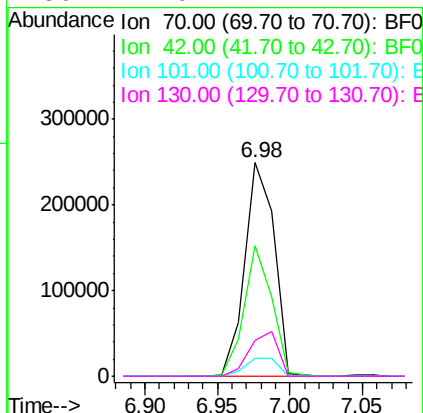




#19
n-Nitroso-di-n-propylamine
Concen: 48.38 ng
RT: 6.98 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

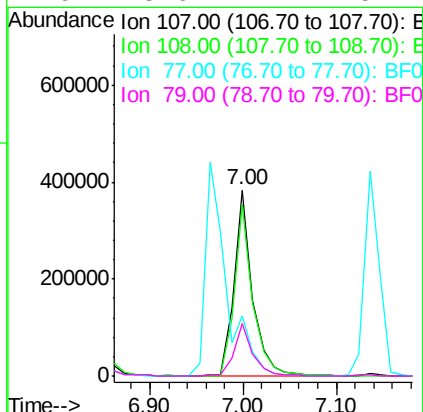
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

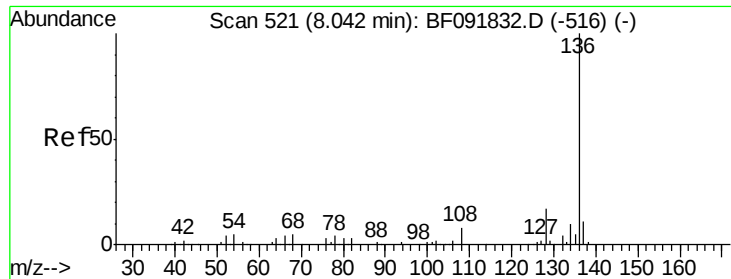
Tgt Ion:	70	Resp:	351539
Ion	Ratio	Lower	Upper
70	100		
42	61.2	49.4	74.0
101	8.4	7.4	11.2
130	17.0	14.2	21.4



#20
3+4-Methylphenols
Concen: 54.01 ng
RT: 7.00 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion:	107	Resp:	527200
Ion	Ratio	Lower	Upper
107	100		
108	92.5	73.0	113.0
77	32.1	71.3	111.3#
79	28.6	11.1	51.1

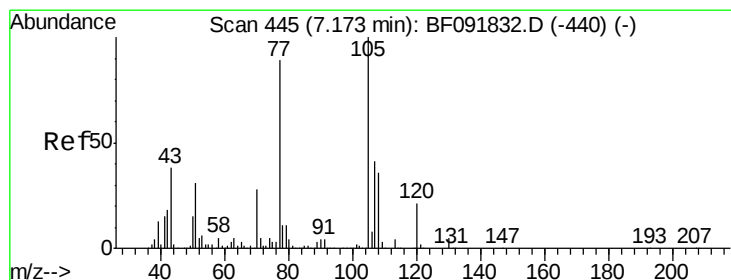
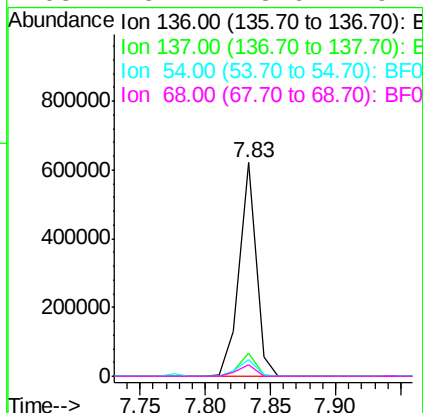
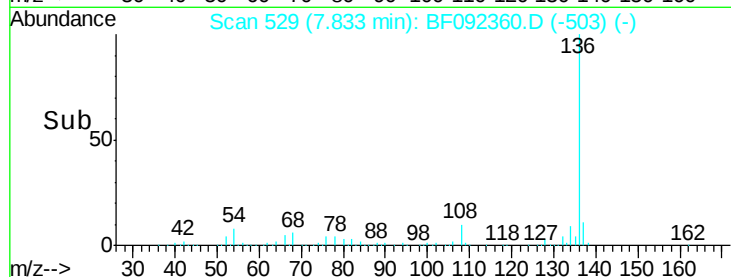
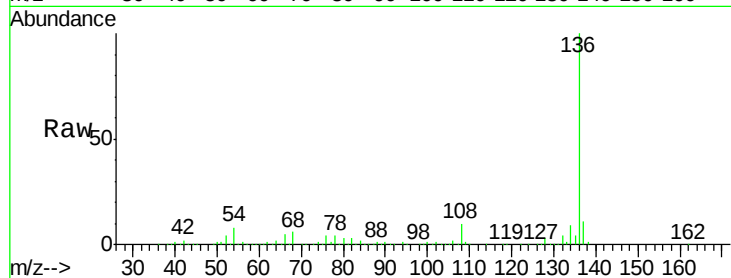




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

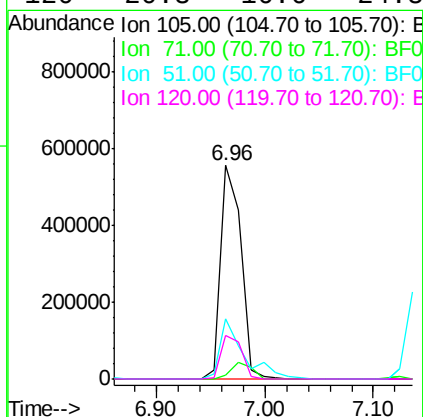
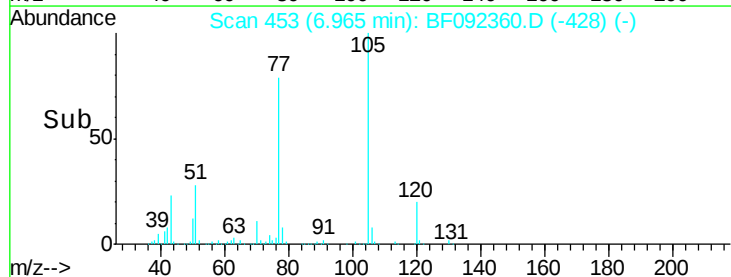
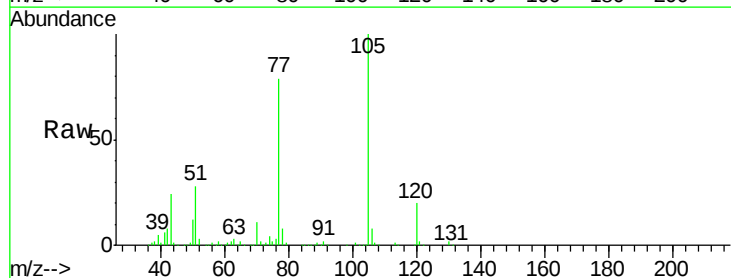
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

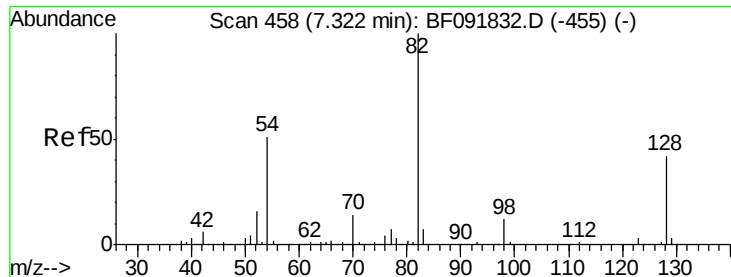
Tgt Ion:	136	Resp:	557364
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.9	4.5	6.7#
68	5.7	3.6	5.4#



#22
Acetophenone
Concen: 52.71 ng
RT: 6.96 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion:	105	Resp:	724696
Ion	Ratio	Lower	Upper
105	100		
71	1.8	3.2	4.8#
51	28.1	26.2	39.4
120	20.3	16.6	24.8

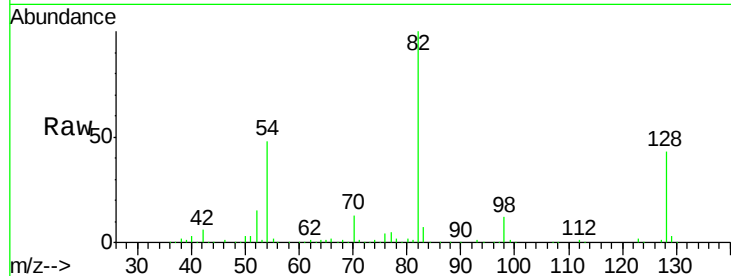




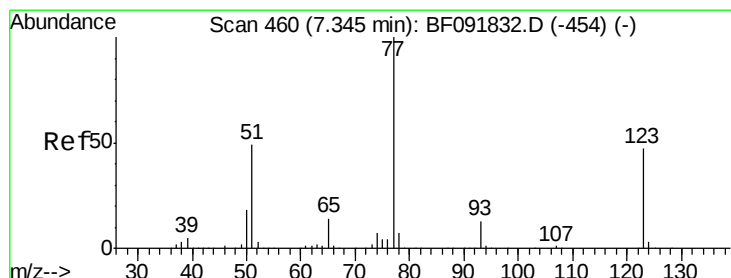
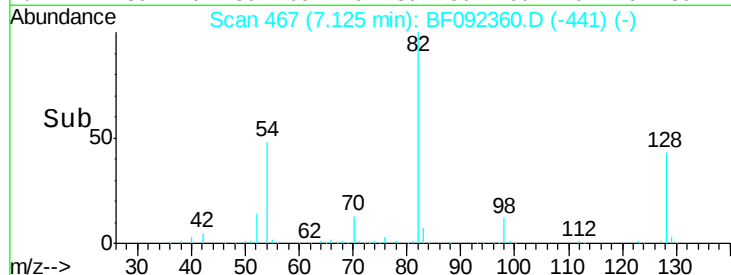
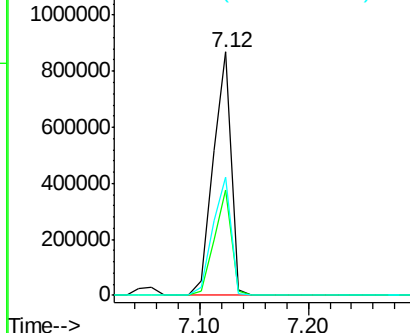
#23
 Nitrobenzene-d5
 Concen: 100.13 ng
 RT: 7.12 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

Tgt Ion: 82 Resp: 1003679
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.6 52.0
 54 48.4 39.5 59.3

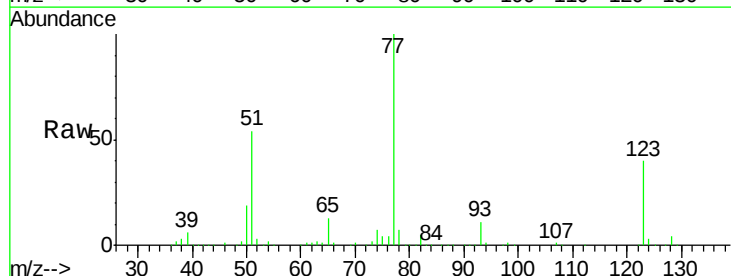


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

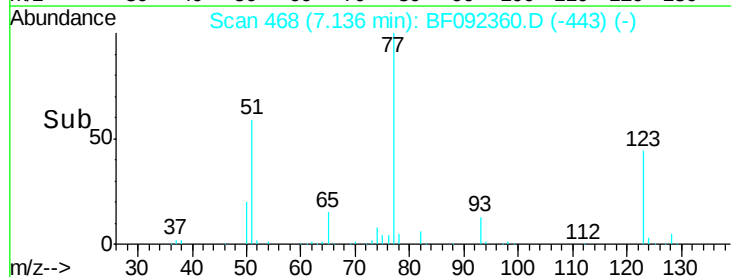
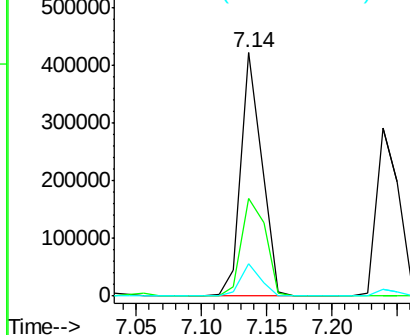


#24
 Nitrobenzene
 Concen: 43.84 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Tgt Ion: 77 Resp: 467971
 Ion Ratio Lower Upper
 77 100
 123 40.3 33.0 49.4
 65 13.5 11.2 16.8



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

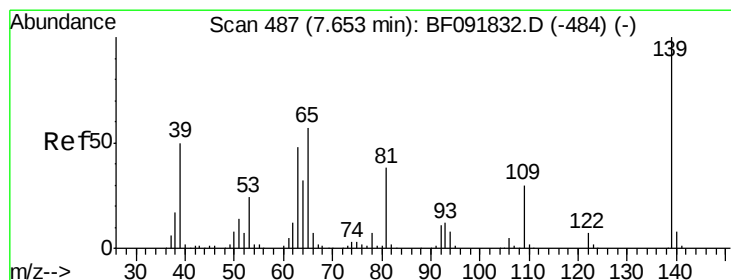
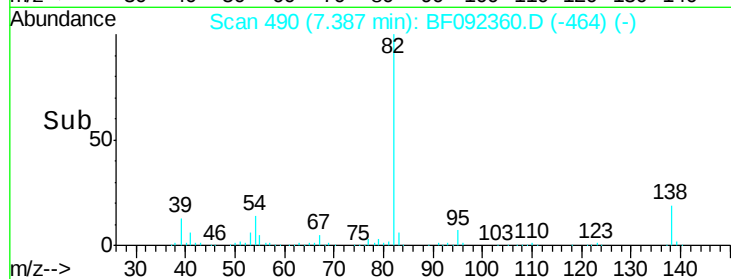
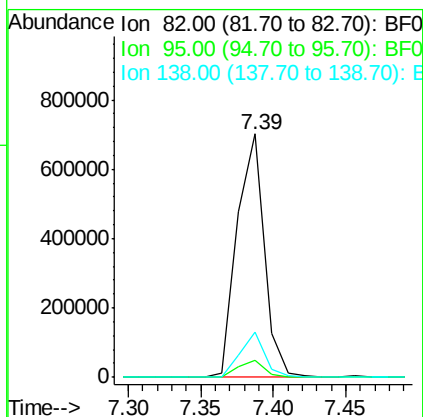
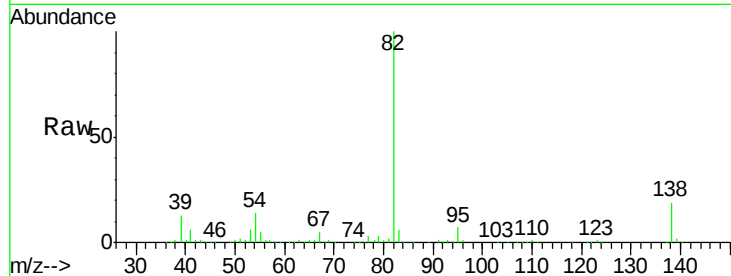




#25
Isophorone
Concen: 49.60 ng
RT: 7.39 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

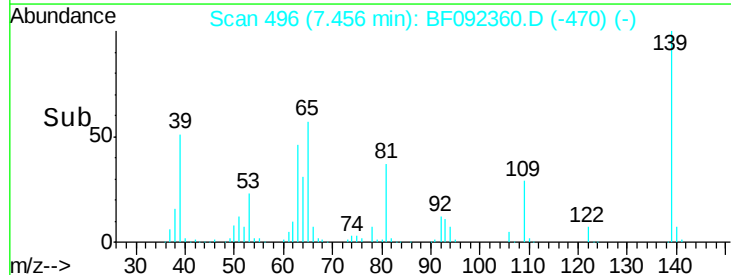
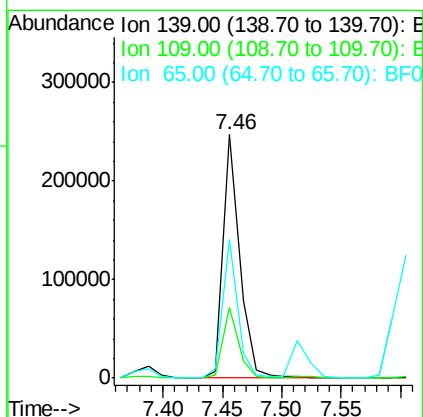
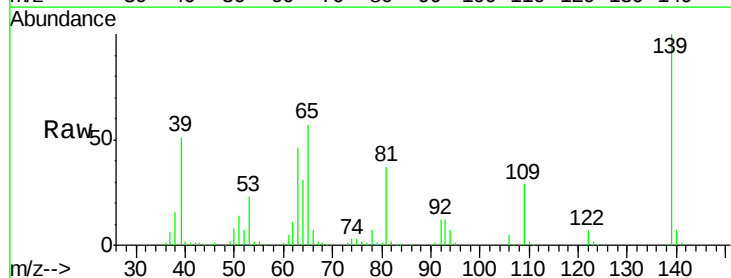
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

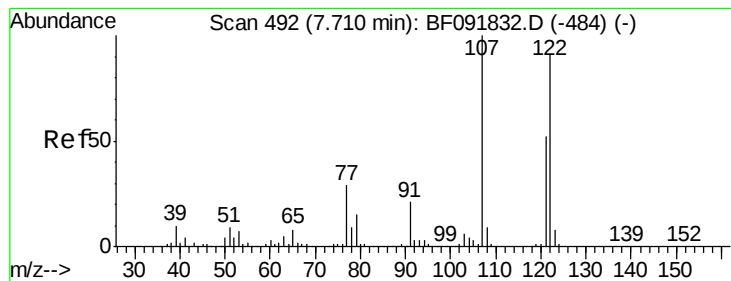
Tgt Ion: 82 Resp: 917186
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 18.5 14.6 22.0



#26
2-Nitrophenol
Concen: 45.10 ng
RT: 7.46 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion: 139 Resp: 237431
Ion Ratio Lower Upper
139 100
109 28.9 23.3 34.9
65 57.1 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 46.78 ng

RT: 7.51 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

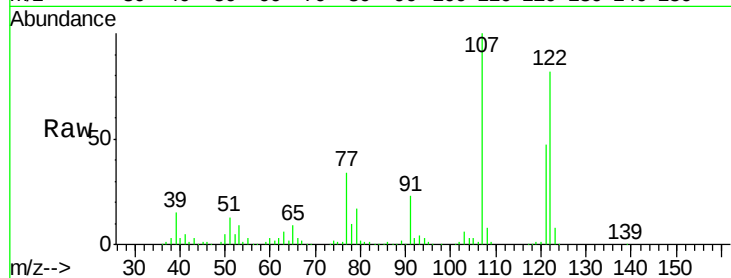
Tgt Ion:122 Resp: 408476

Ion Ratio Lower Upper

122 100

107 122.2 94.1 141.1

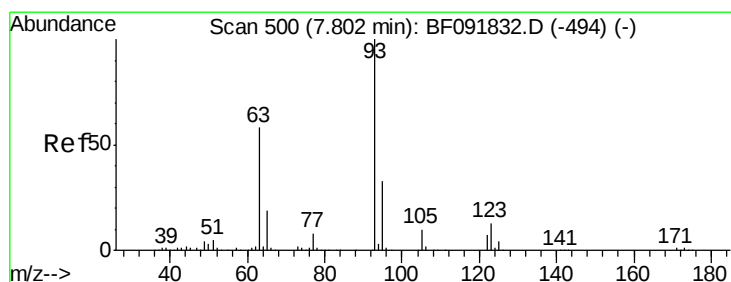
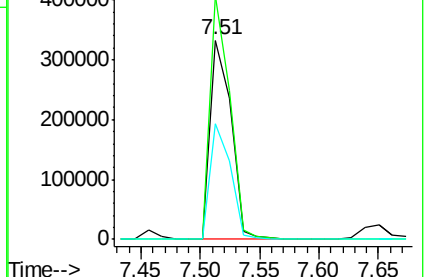
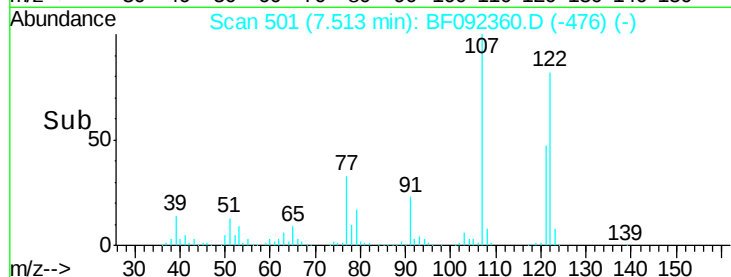
121 57.8 46.0 69.0



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: 55.77 ng

RT: 7.60 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

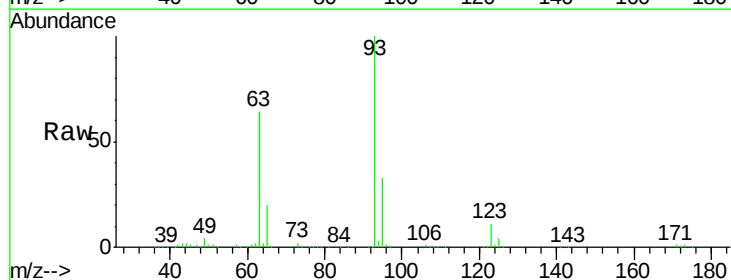
Tgt Ion: 93 Resp: 625428

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

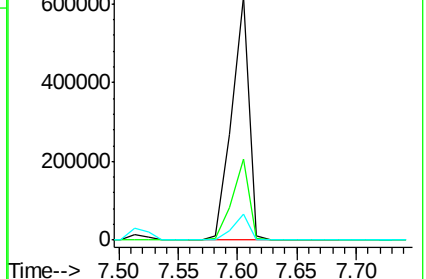
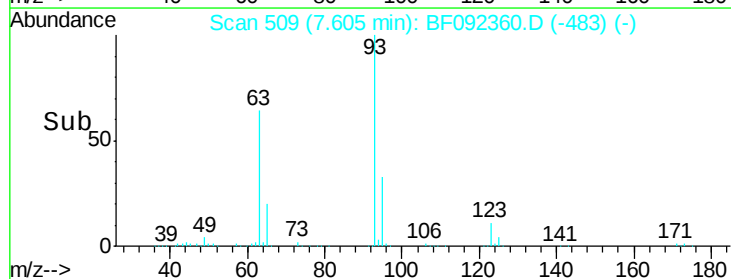
123 10.9 8.6 13.0

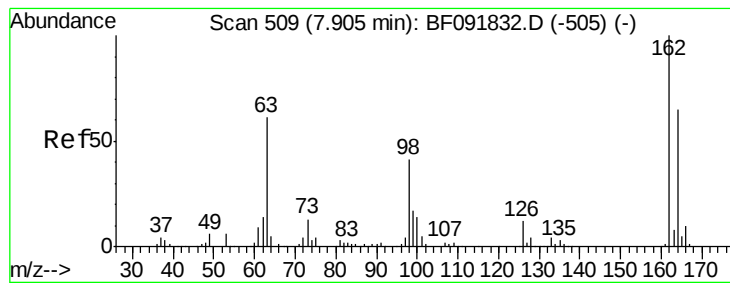


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

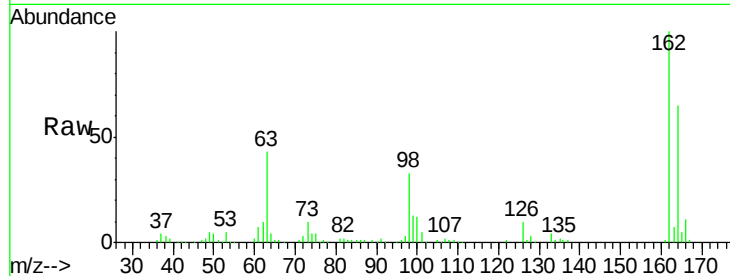




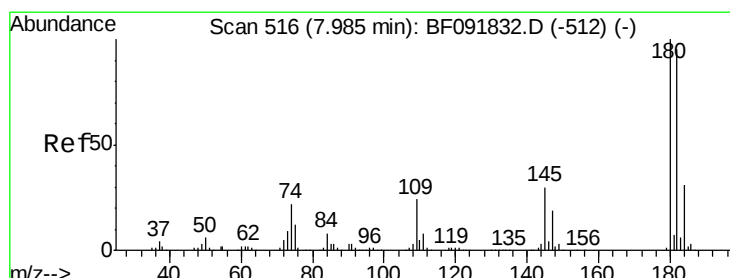
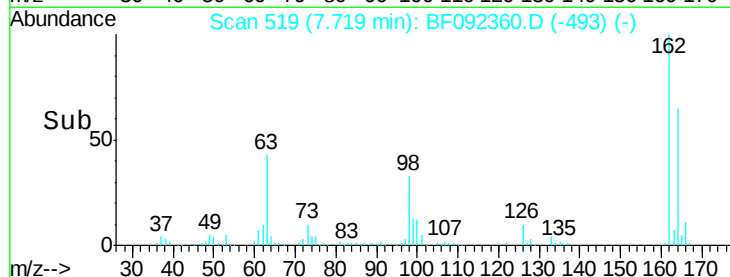
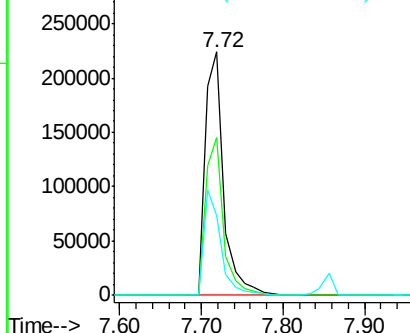
#29
2,4-Dichlorophenol
Concen: 48.16 ng
RT: 7.72 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

Tgt Ion:162 Resp: 356129
Ion Ratio Lower Upper
162 100
164 64.8 46.8 86.8
98 32.8 9.1 49.1

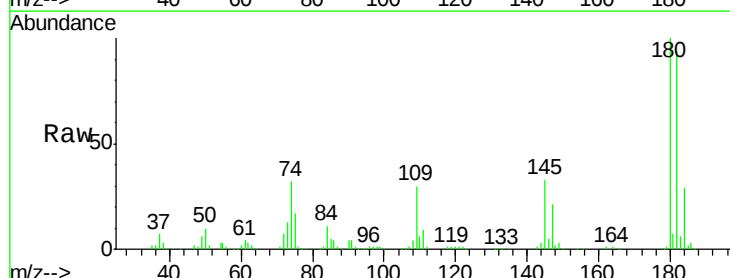


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

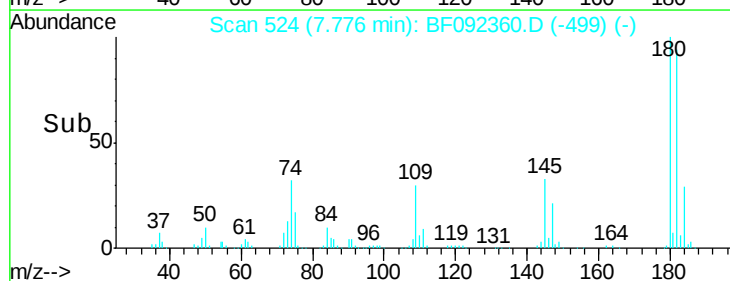
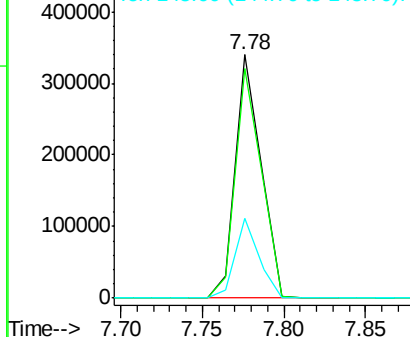


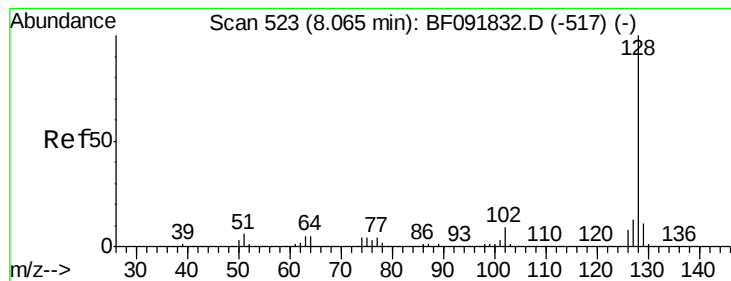
#30
1,2,4-Trichlorobenzene
Concen: 45.20 ng
RT: 7.78 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion:180 Resp: 366227
Ion Ratio Lower Upper
180 100
182 94.4 78.2 117.4
145 32.8 21.6 32.4#



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





#31

Naphthalene

Concen: 50.17 ng

RT: 7.86 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

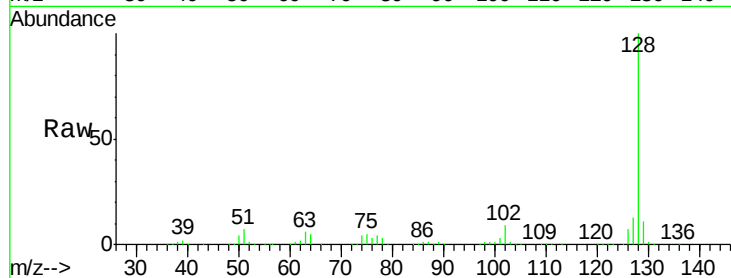
Tgt Ion:128 Resp: 1279899

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

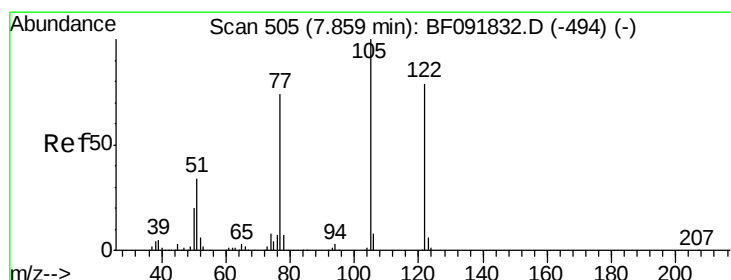
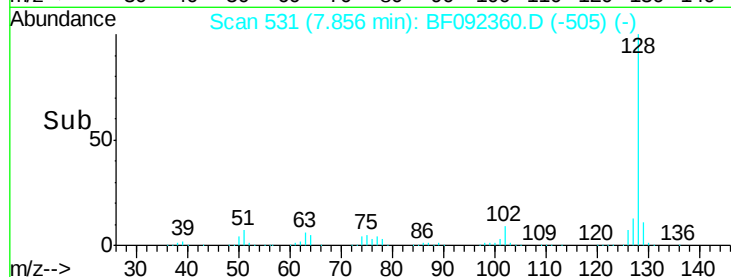
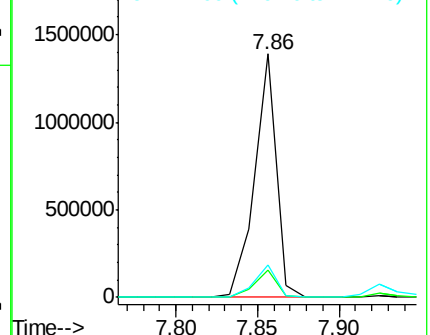
127 13.4 10.8 16.2



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: 6.91 ng

RT: 7.65 min Scan# 513

Delta R.T. -0.06 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

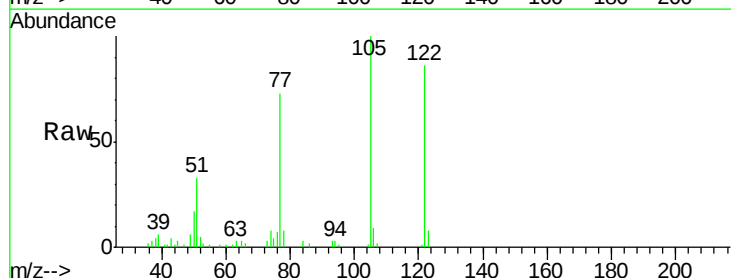
Tgt Ion:122 Resp: 44768

Ion Ratio Lower Upper

122 100

105 116.6 107.2 147.2

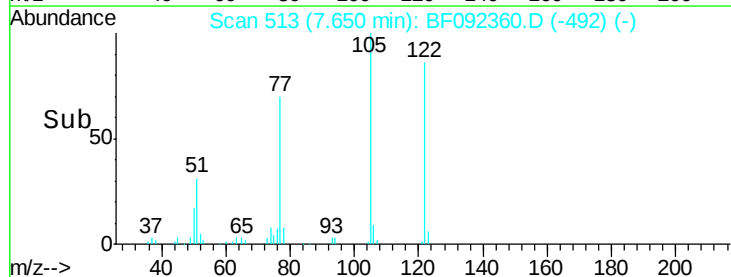
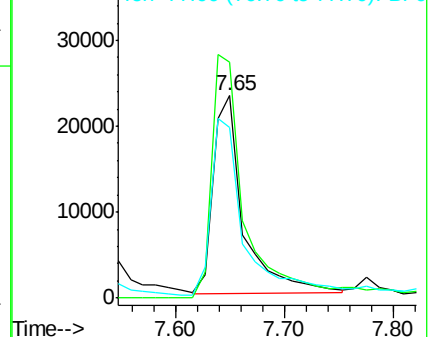
77 84.7 74.5 114.5

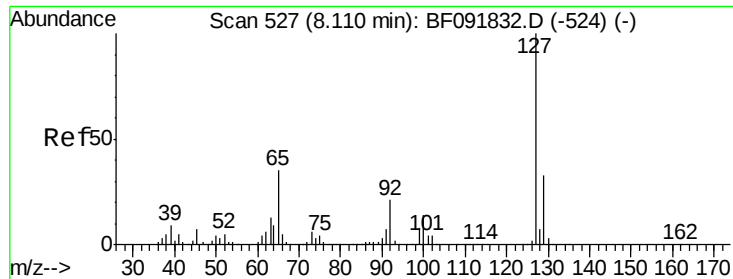


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

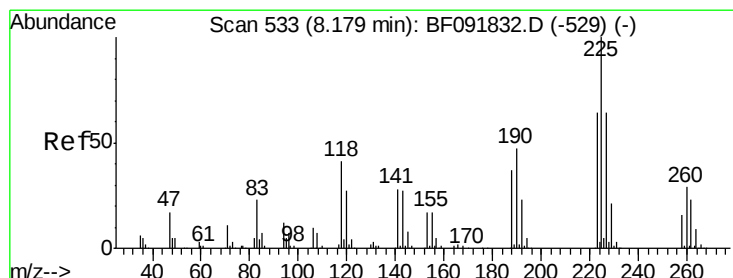
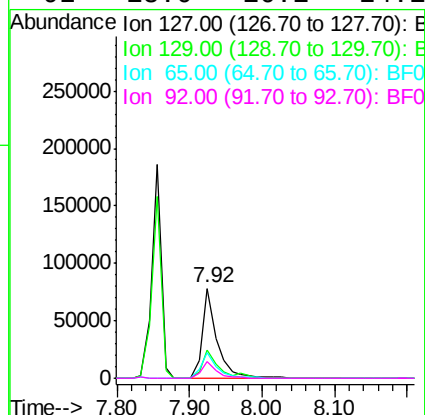
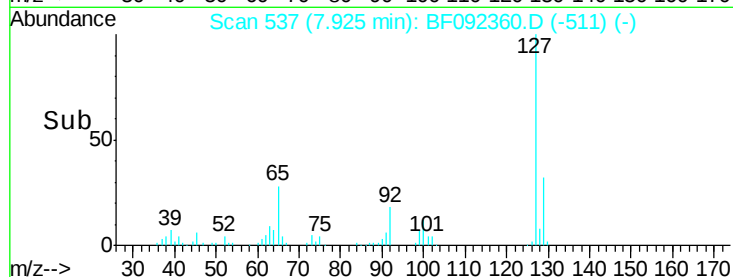
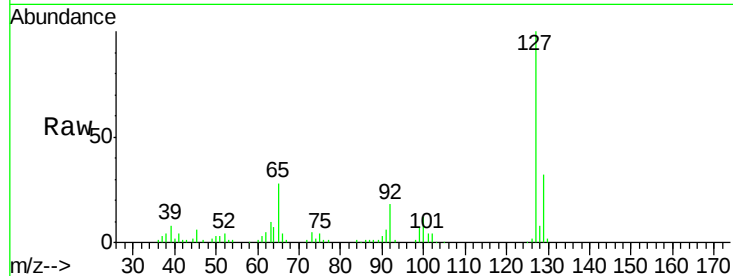




#33
4-Chloroaniline
Concen: 9.69 ng
RT: 7.92 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

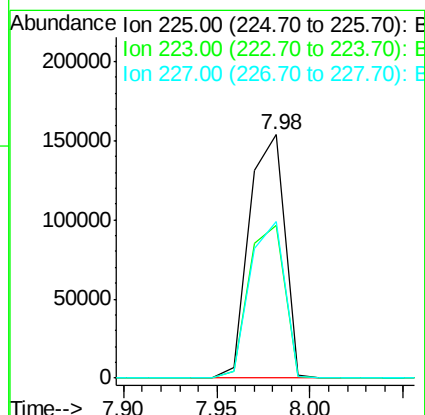
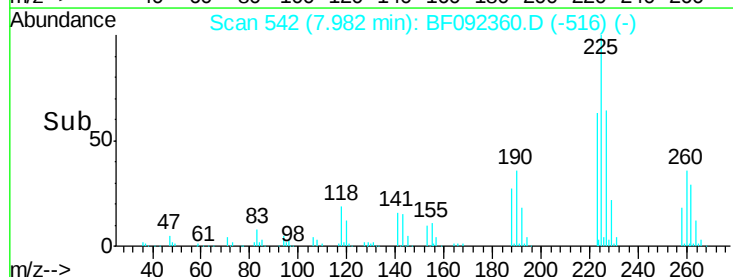
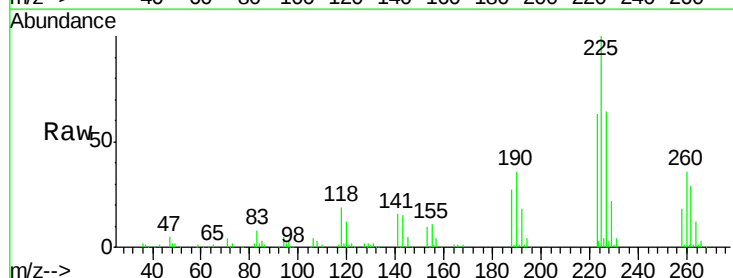
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

Tgt Ion:	127	Resp:	111492
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.3	39.5
65	28.4	25.8	38.8
92	18.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 47.08 ng
RT: 7.98 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion:	225	Resp:	201375
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	64.2	50.6	76.0

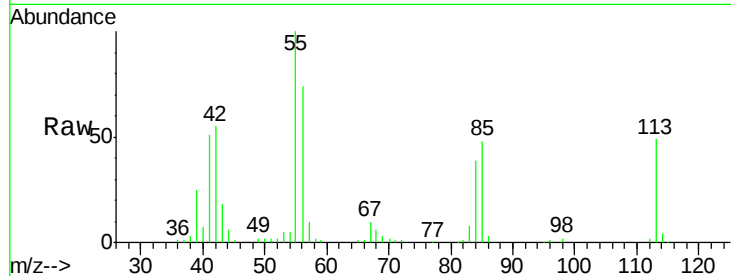




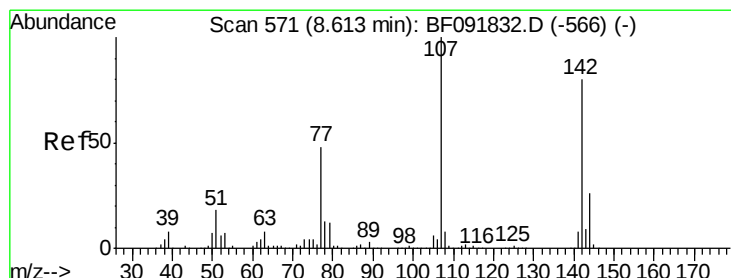
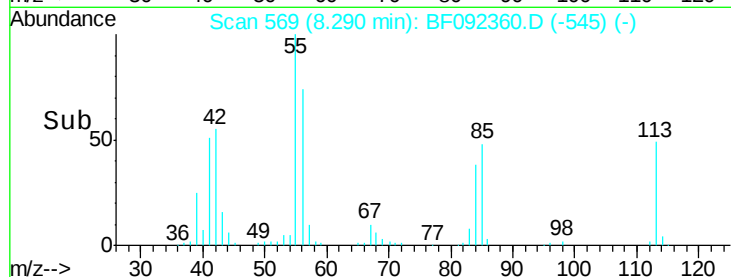
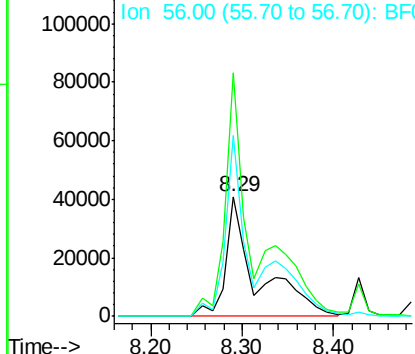
#35
Caprolactam
Concen: 40.41 ng m
RT: 8.29 min Scan# 569
Delta R.T. -0.02 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

Tgt Ion:113 Resp: 98179
Ion Ratio Lower Upper
113 100
55 202.9 119.2 159.2#
56 151.2 83.8 123.8#

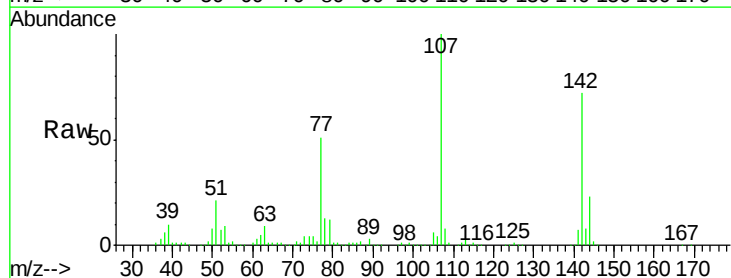


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

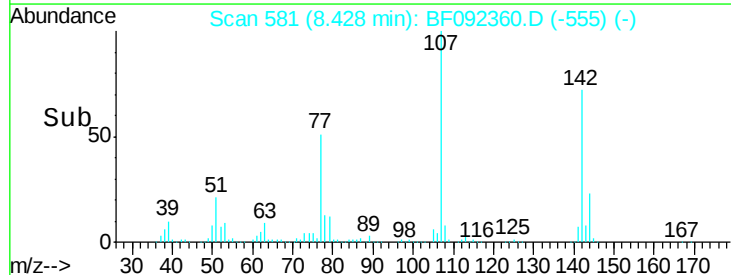
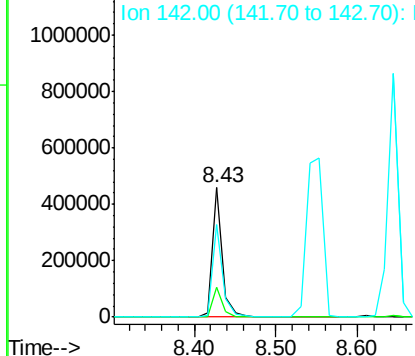


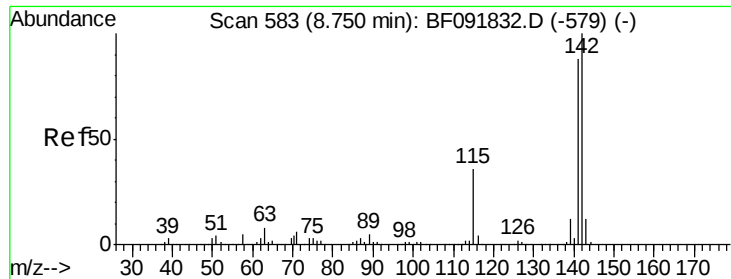
#36
4-Chloro-3-methylphenol
Concen: 46.26 ng
RT: 8.43 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion:107 Resp: 393581
Ion Ratio Lower Upper
107 100
144 23.5 19.3 28.9
142 72.2 59.0 88.6



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

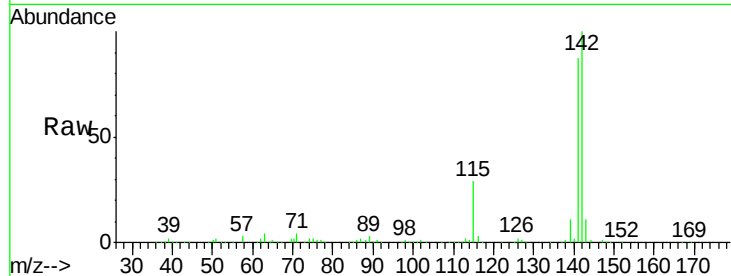




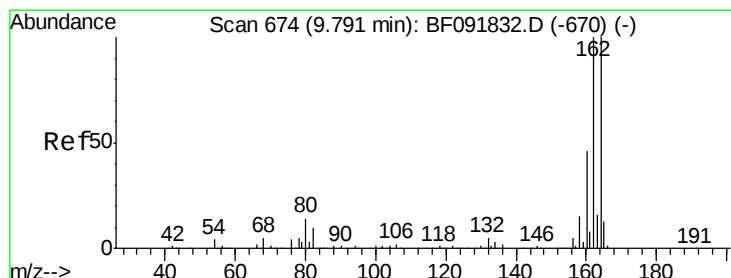
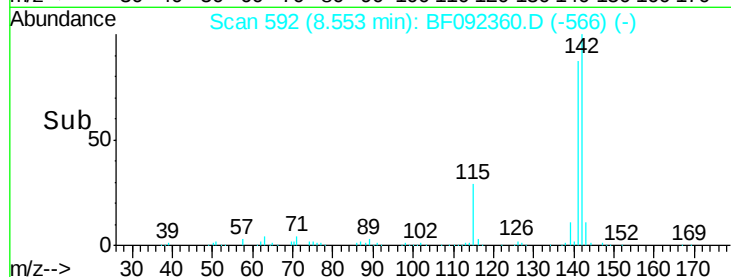
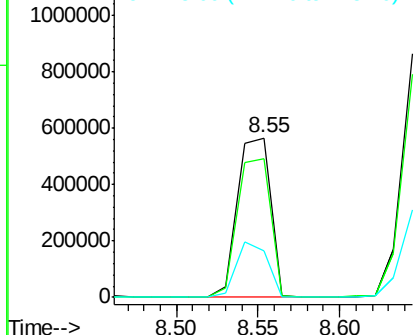
#37
 2-Methylnaphthalene
 Concen: 56.48 ng
 RT: 8.55 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

Tgt Ion:142 Resp: 793192
 Ion Ratio Lower Upper
 142 100
 141 86.9 71.0 106.6
 115 29.1 28.3 42.5

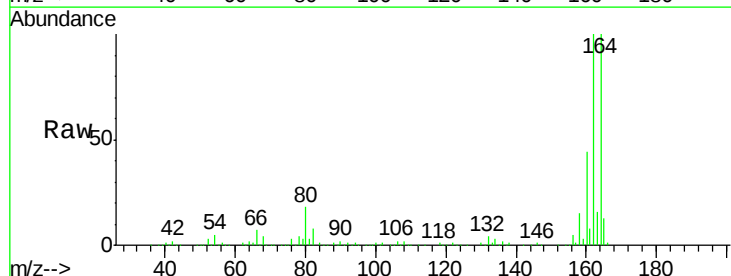


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

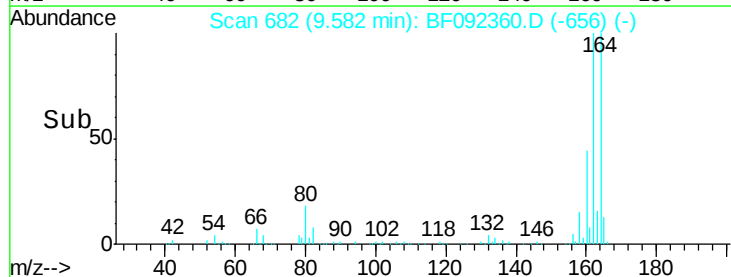
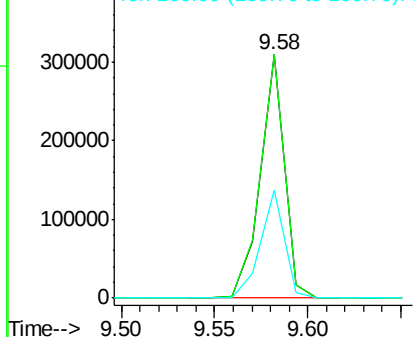


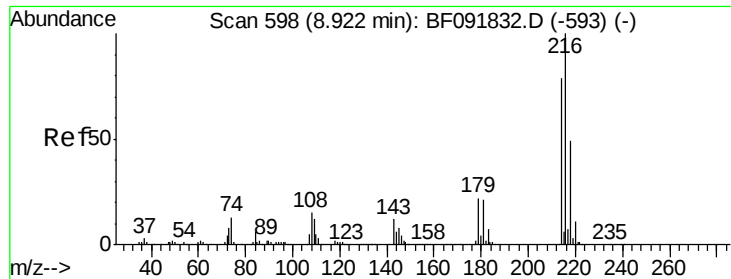
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Tgt Ion:164 Resp: 274387
 Ion Ratio Lower Upper
 164 100
 162 100.0 80.2 120.2
 160 44.1 36.9 55.3



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

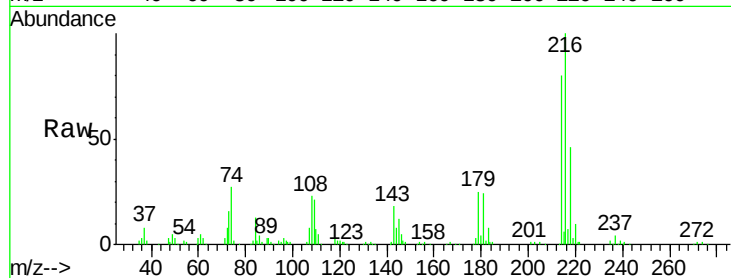




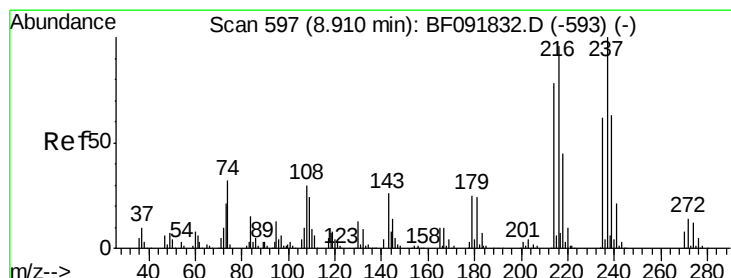
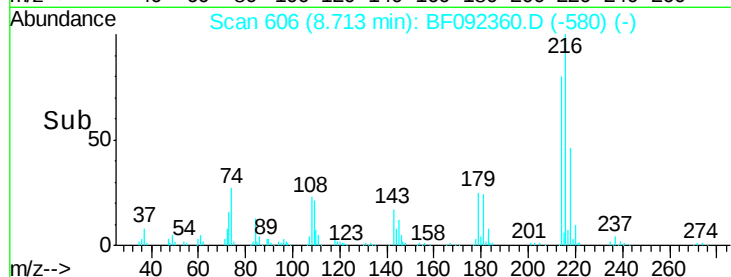
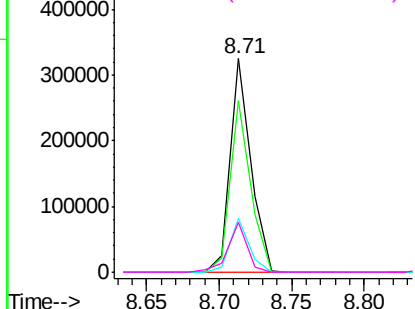
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.21 ng
 RT: 8.71 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

Tgt Ion:	216	Resp:	320352
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
179	23.1	17.4	26.2
108	22.0	15.6	23.4

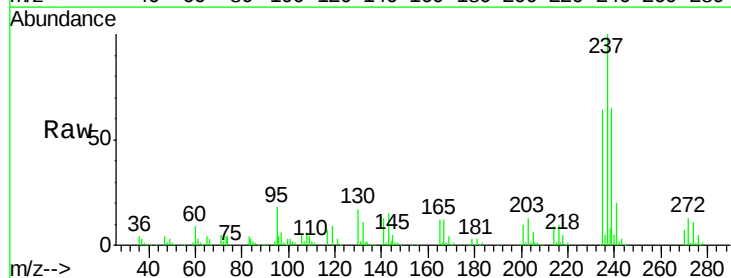


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

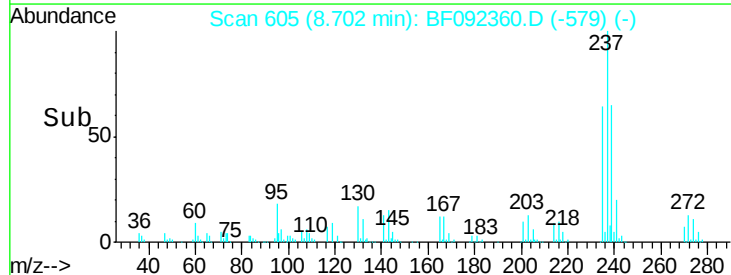
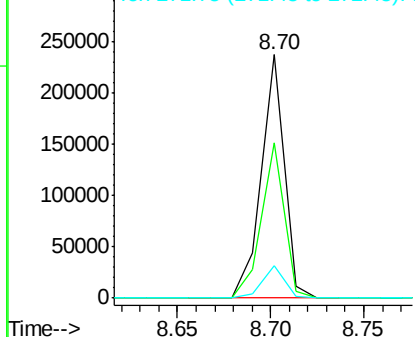


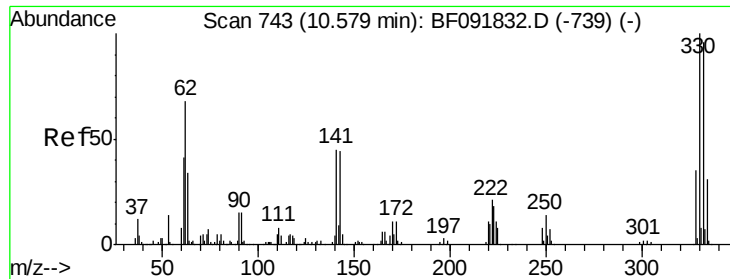
#40
 Hexachlorocyclopentadiene
 Concen: 65.91 ng
 RT: 8.70 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Tgt Ion:	237	Resp:	201224
Ion	Ratio	Lower	Upper
237	100		
235	63.6	41.2	81.2
272	13.1	0.0	35.4



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

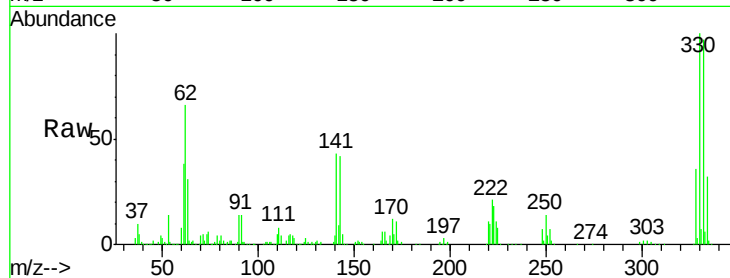




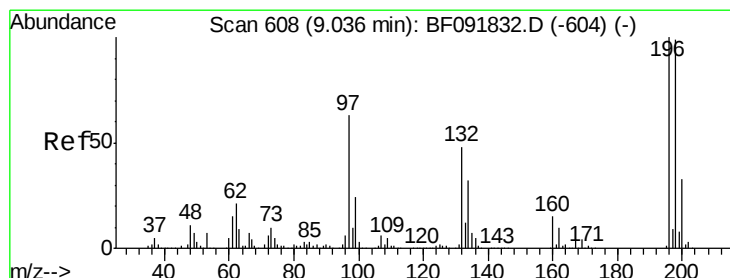
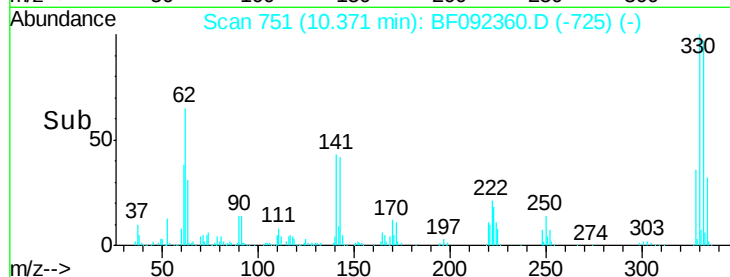
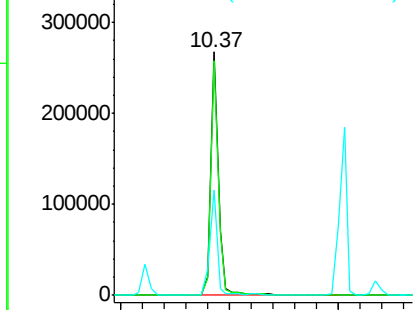
#41
 2,4,6-Tribromophenol
 Concen: 117.79 ng
 RT: 10.37 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

Tgt Ion:330 Resp: 267483
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 40.5 34.1 51.1

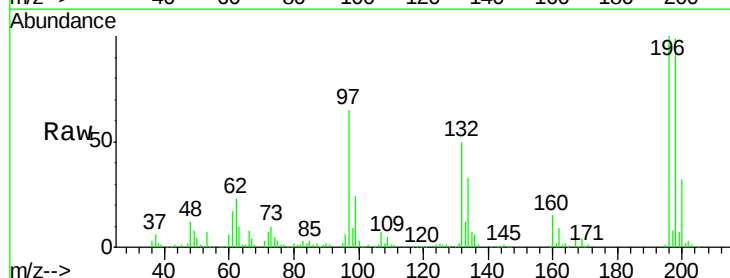


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

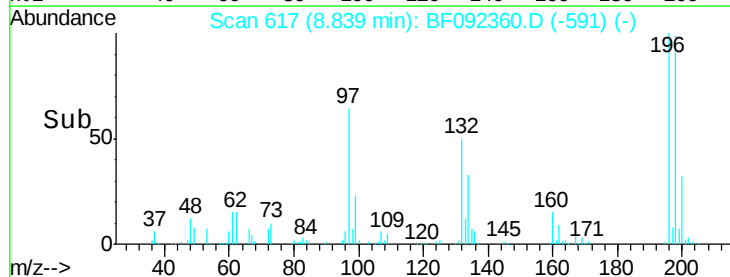
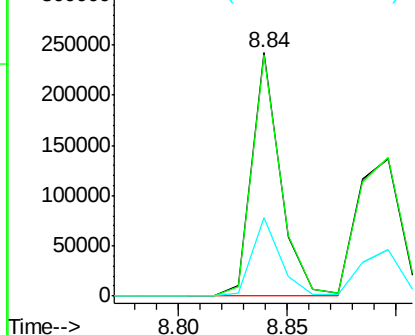


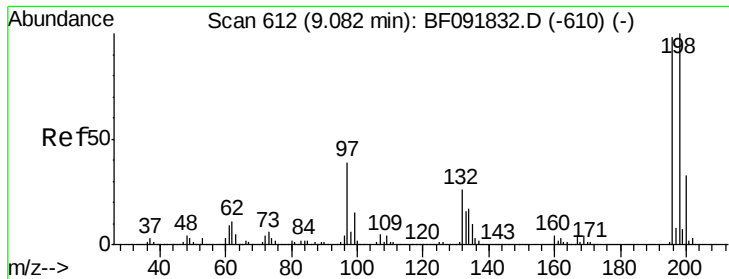
#42
 2,4,6-Trichlorophenol
 Concen: 45.40 ng
 RT: 8.84 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Tgt Ion:196 Resp: 220099
 Ion Ratio Lower Upper
 196 100
 198 99.1 82.1 123.1
 200 32.2 27.0 40.4



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

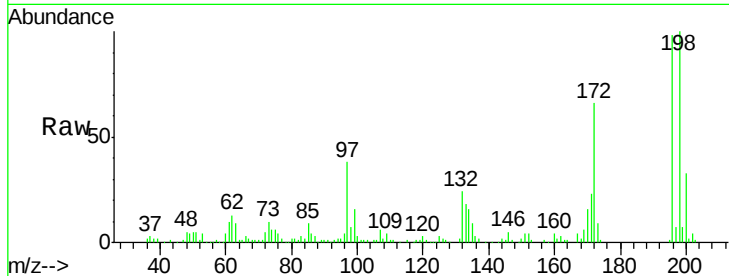




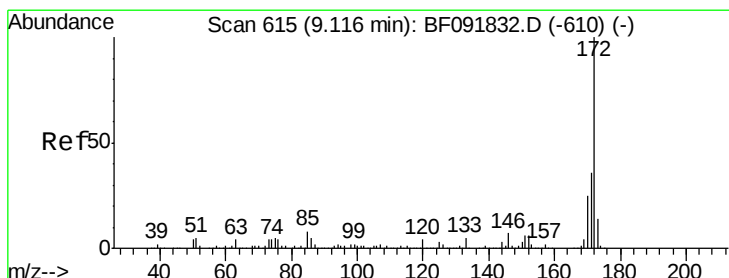
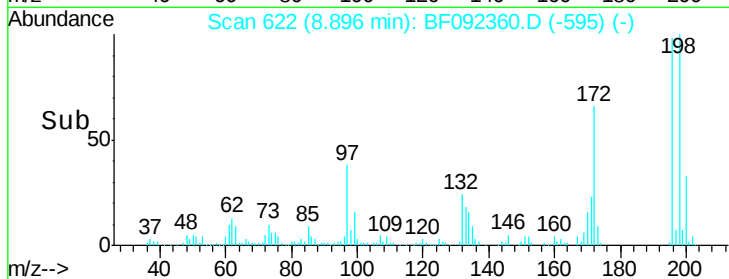
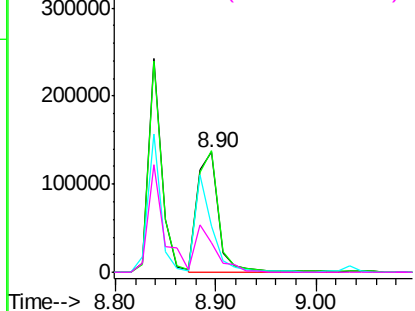
#43
 2,4,5-Trichlorophenol
 Concen: 40.02 ng
 RT: 8.90 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.6	79.4	119.2
97	38.7	51.5	77.3#
132	24.4	27.4	41.2#

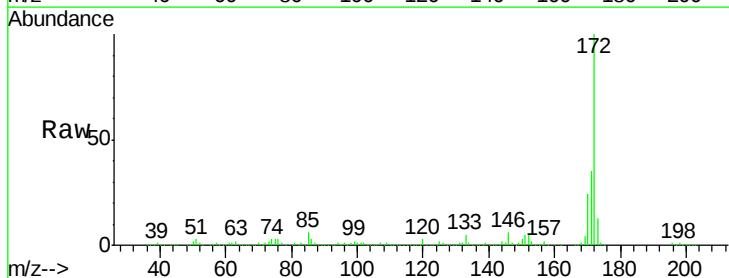


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

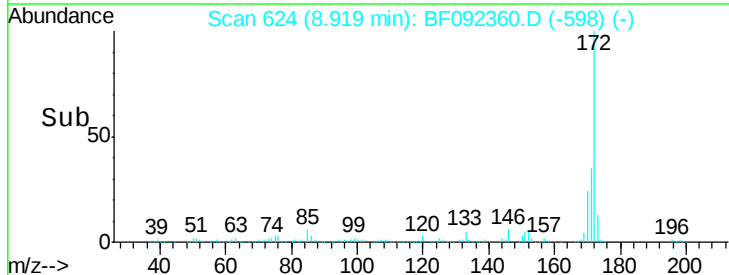
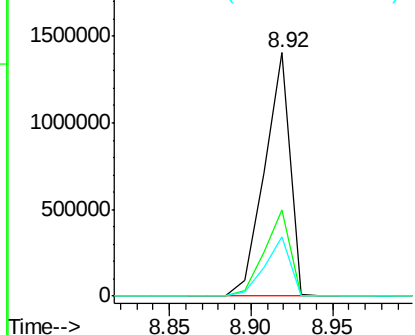


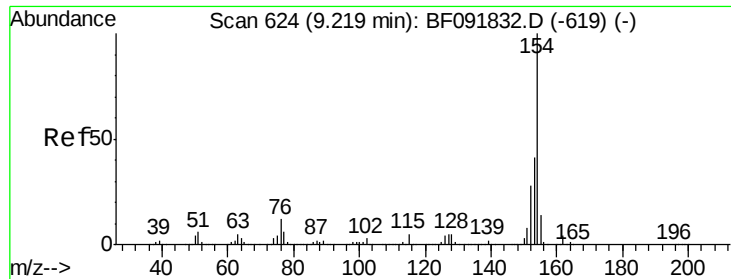
#44
 2-Fluorobiphenyl
 Concen: 118.94 ng
 RT: 8.92 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.0
170	24.3	20.2	30.4



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

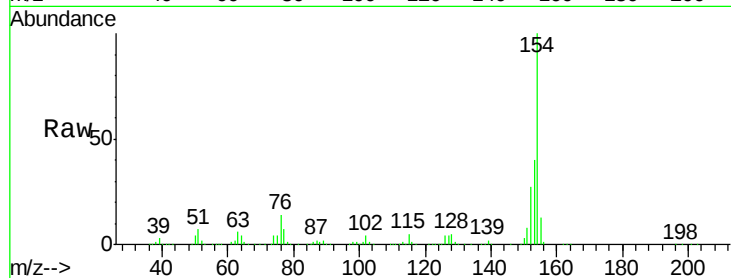




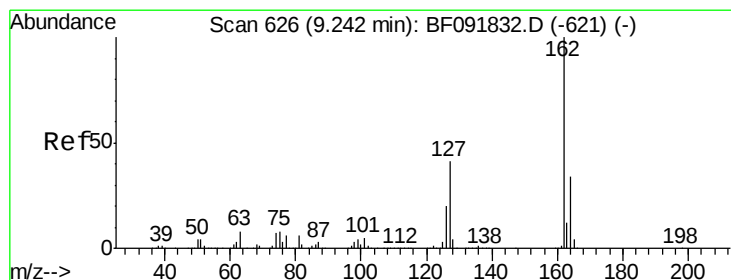
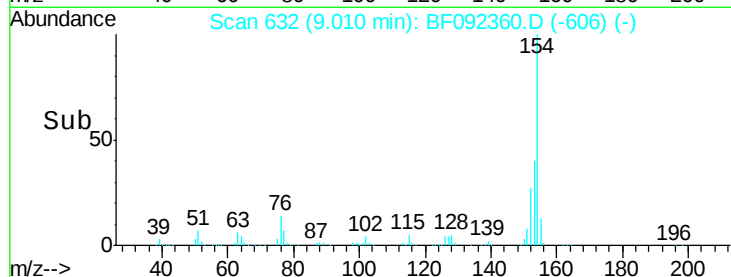
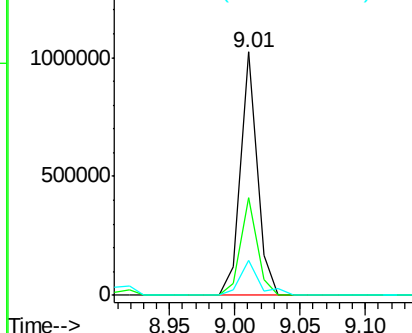
#45
 1,1'-Biphenyl
 Concen: 48.18 ng
 RT: 9.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.9	60.9
76	14.2	0.0	30.5

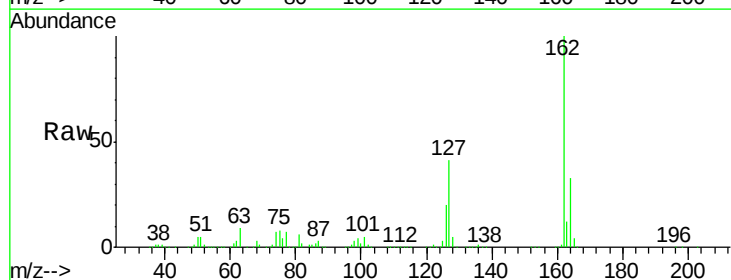


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

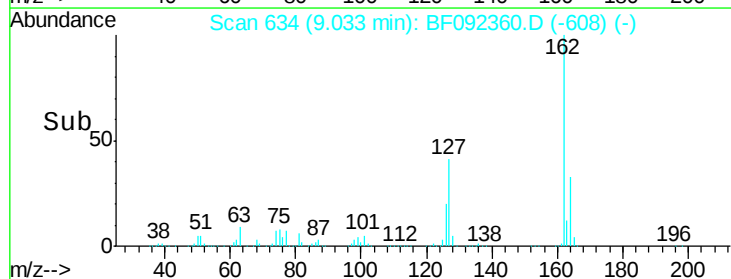
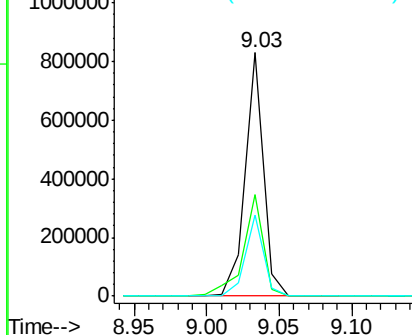


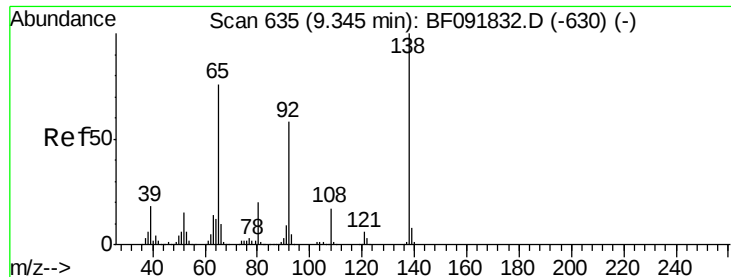
#46
 2-Chloronaphthalene
 Concen: 48.65 ng
 RT: 9.03 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	30.7	46.1
164	33.2	27.6	41.4



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: 43.48 ng

RT: 9.15 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

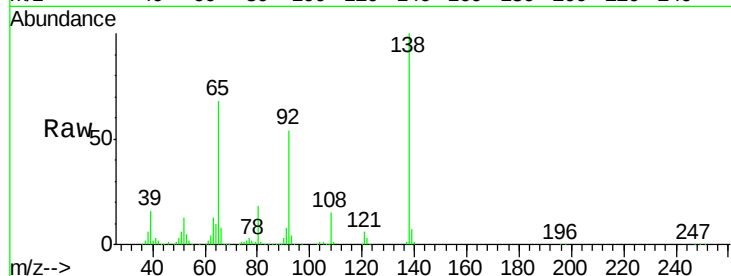
Tgt Ion: 65 Resp: 230325

Ion Ratio Lower Upper

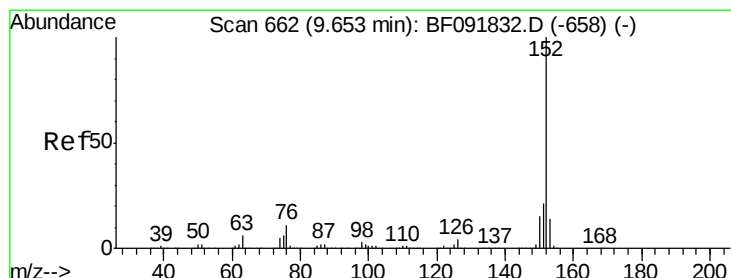
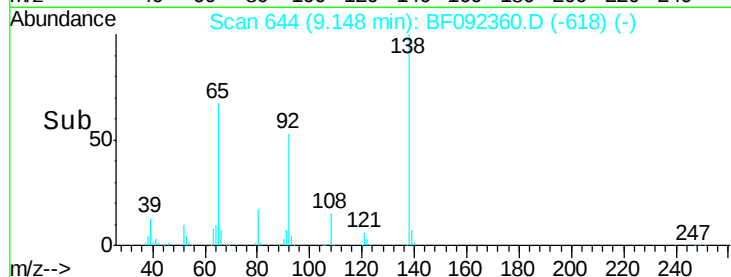
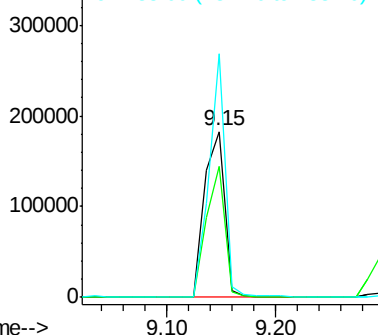
65 100

92 78.5 53.9 80.9

138 146.6 76.8 115.2#



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



#48

Acenaphthylene

Concen: 47.74 ng

RT: 9.44 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

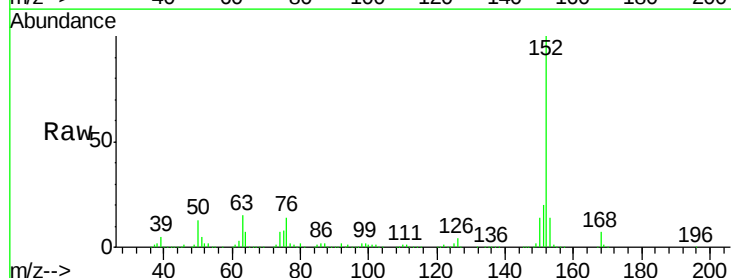
Tgt Ion:152 Resp: 1092425

Ion Ratio Lower Upper

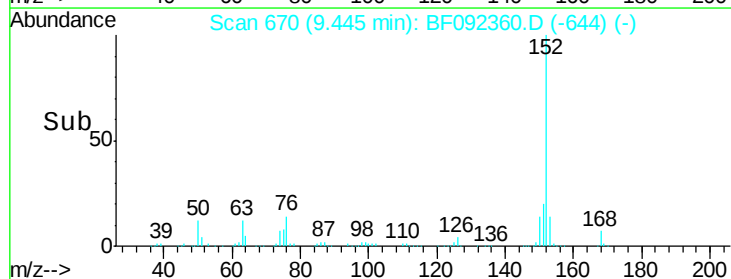
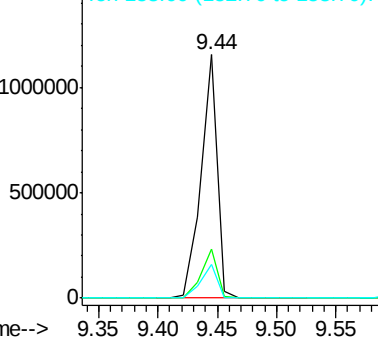
152 100

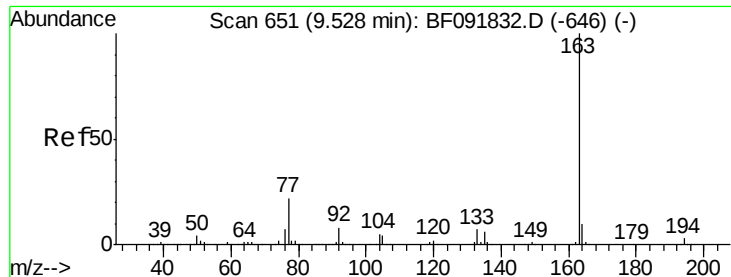
151 20.1 16.9 25.3

153 14.1 11.4 17.2



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

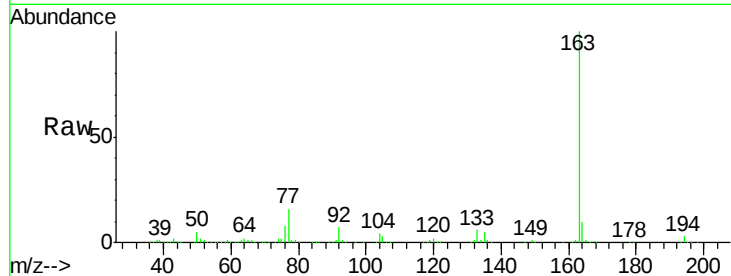




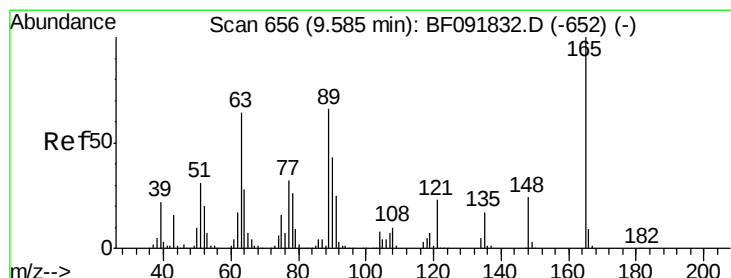
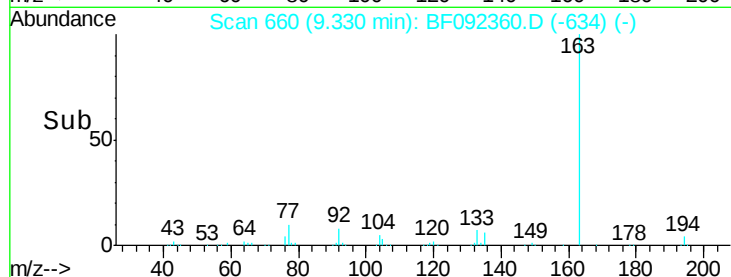
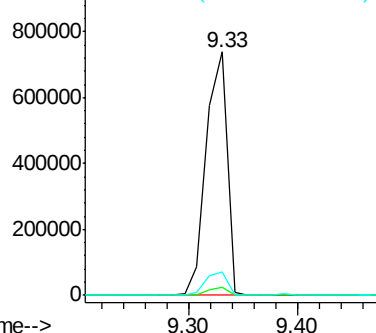
#49
Dimethylphthalate
Concen: 55.29 ng
RT: 9.33 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

Tgt Ion:163 Resp: 970271
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.7 8.0 12.0

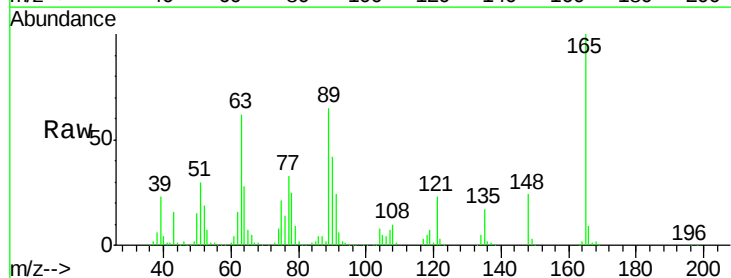


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

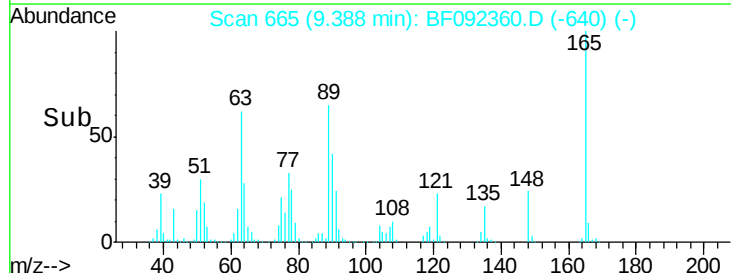
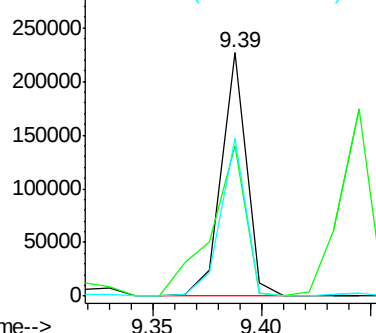


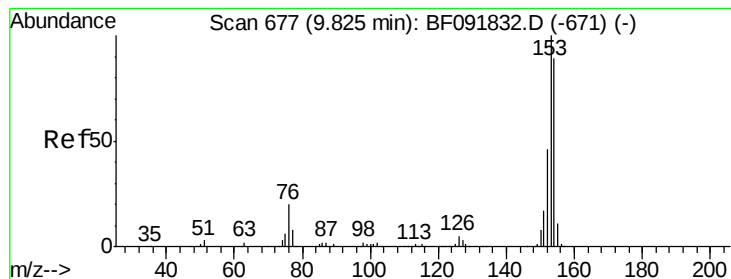
#50
2,6-Dinitrotoluene
Concen: 47.47 ng
RT: 9.39 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion:165 Resp: 182321
Ion Ratio Lower Upper
165 100
63 61.9 36.2 54.4#
89 64.6 40.2 60.4#



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: 45.90 ng

RT: 9.62 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

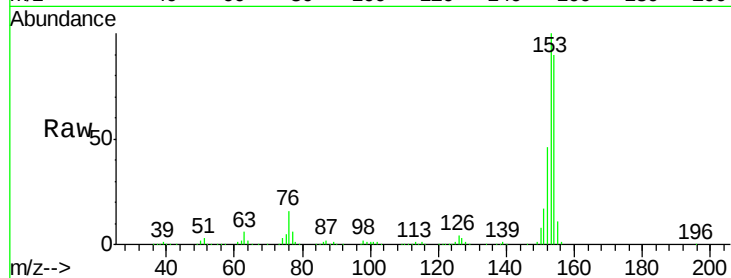
Tgt Ion:154 Resp: 712037

Ion Ratio Lower Upper

154 100

153 111.6 88.6 133.0

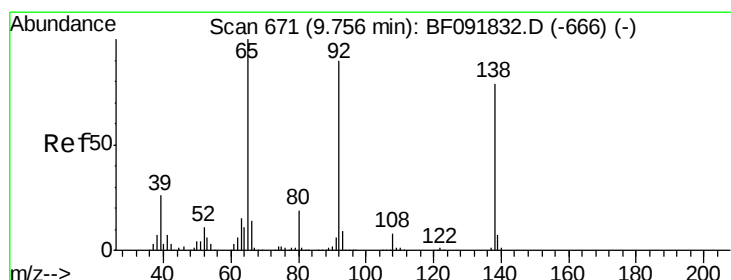
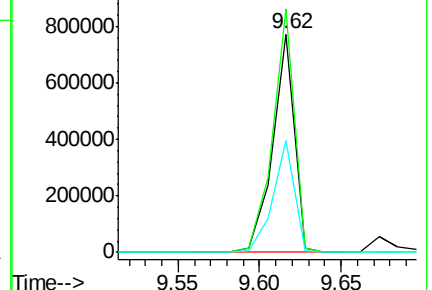
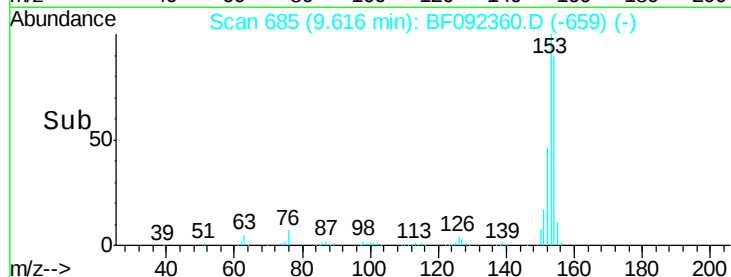
152 51.2 41.6 62.4



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: 27.55 ng

RT: 9.56 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

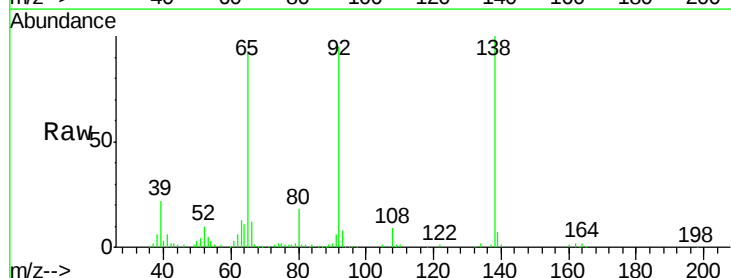
Tgt Ion:138 Resp: 130946

Ion Ratio Lower Upper

138 100

108 8.6 8.5 12.7

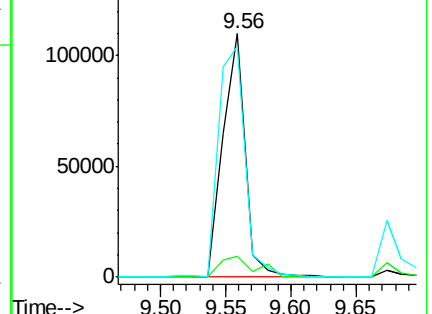
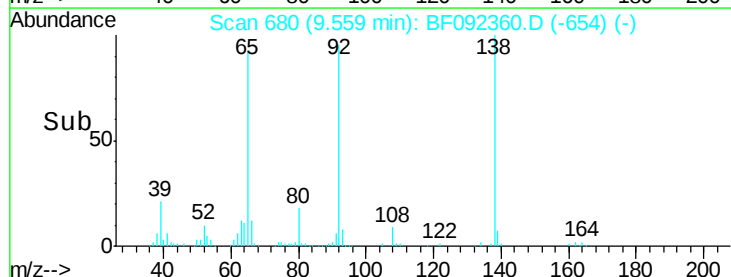
92 94.7 97.8 146.8#

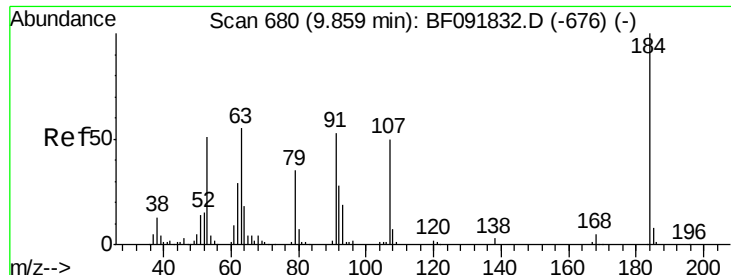


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

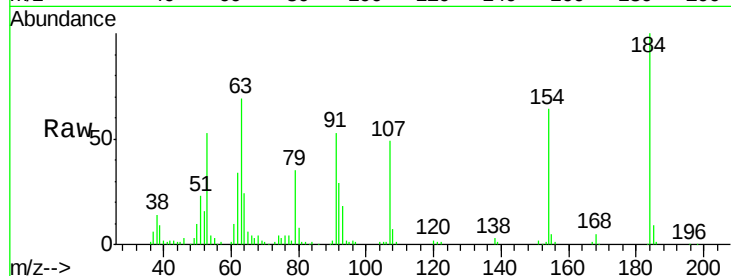




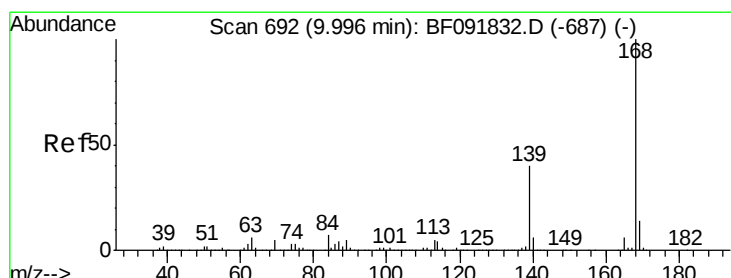
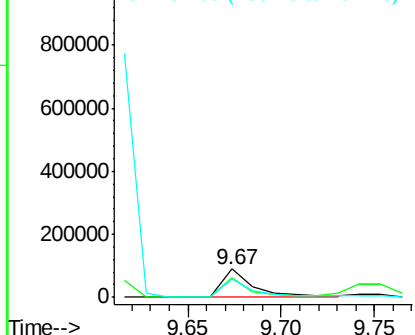
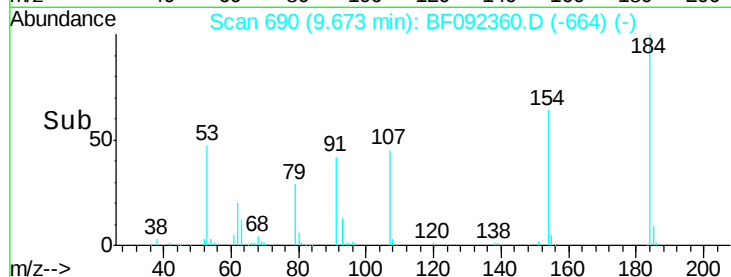
#53
2,4-Dinitrophenol
Concen: 51.31 ng
RT: 9.67 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

Tgt Ion:184 Resp: 109666
Ion Ratio Lower Upper
184 100
63 68.7 28.4 42.6#
154 63.6 44.3 66.5

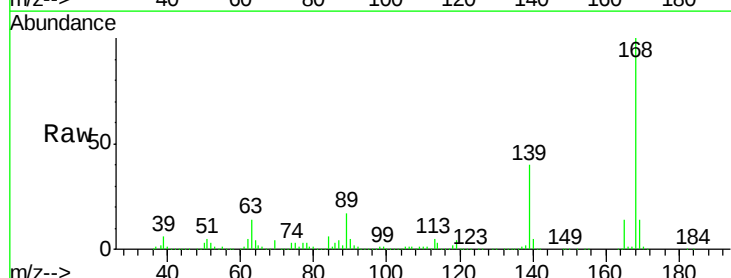


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

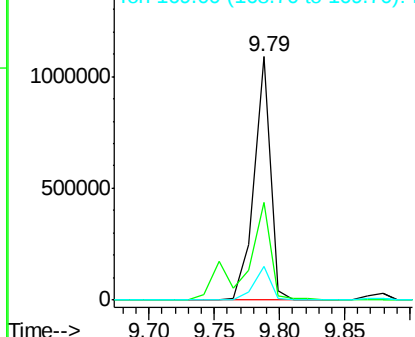
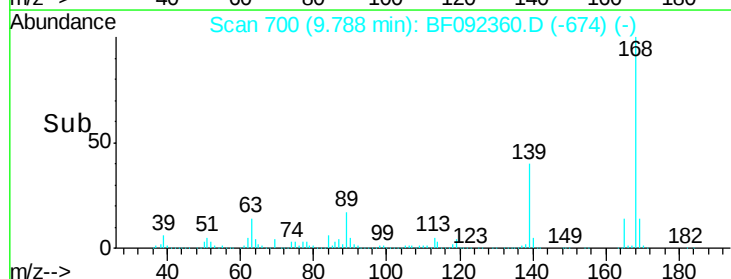


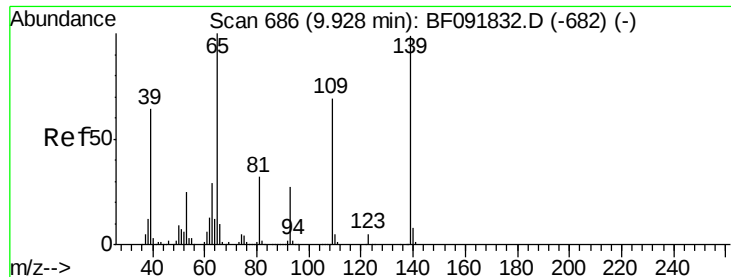
#54
Dibenzofuran
Concen: 45.53 ng
RT: 9.79 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion:168 Resp: 953918
Ion Ratio Lower Upper
168 100
139 40.3 32.6 49.0
169 13.6 11.3 16.9



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





#55

4-Nitrophenol

Concen: 52.79 ng m

RT: 9.75 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

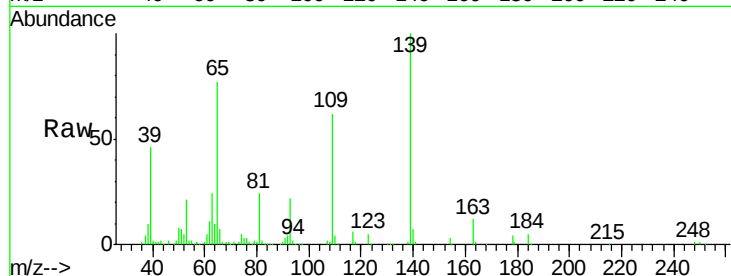
Tgt Ion:139 Resp: 170391

Ion Ratio Lower Upper

139 100

109 61.6 52.2 92.2

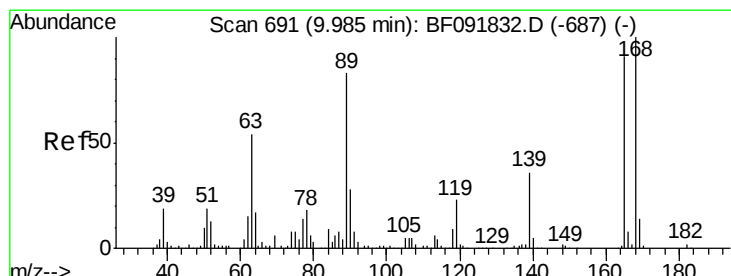
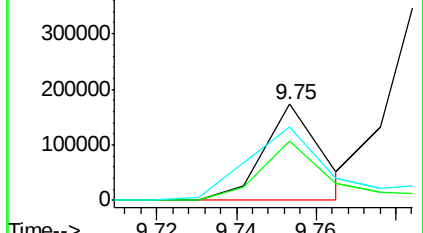
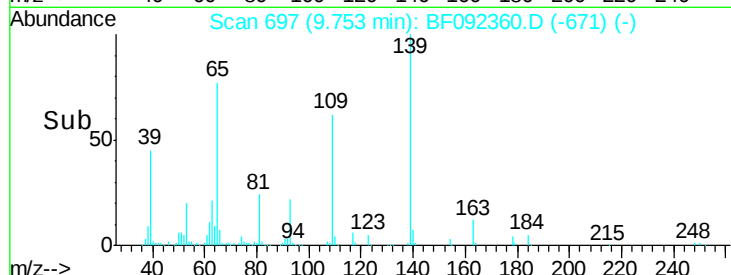
65 77.2 85.8 125.8#



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: 44.79 ng

RT: 9.80 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Tgt Ion:165 Resp: 215946

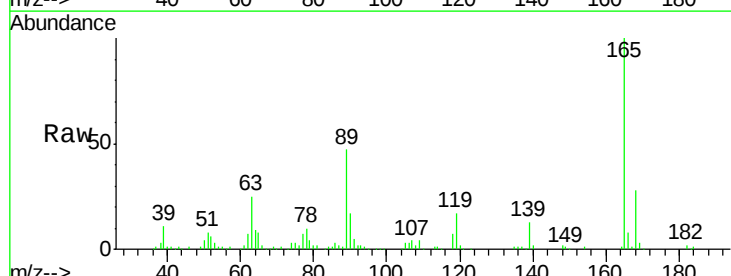
Ion Ratio Lower Upper

165 100

63 25.4 40.2 60.4#

89 47.2 62.5 93.7#

182 2.4 1.8 2.8

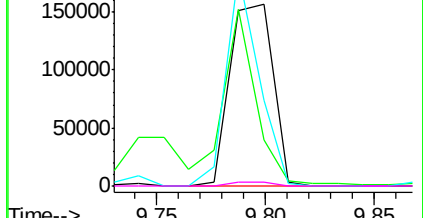
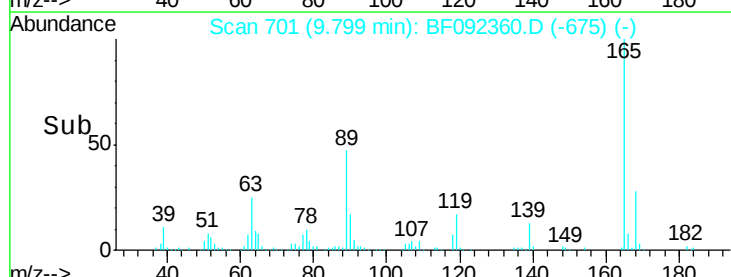


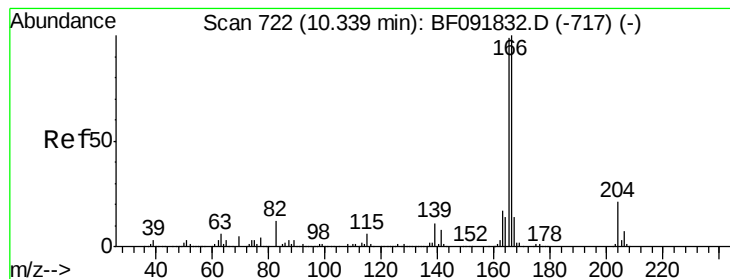
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 49.41 ng

RT: 10.13 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

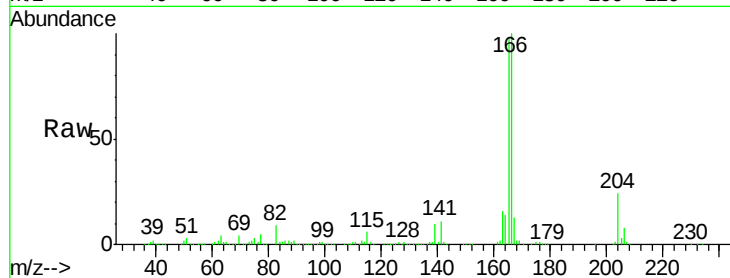
Tgt Ion:166 Resp: 753090

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

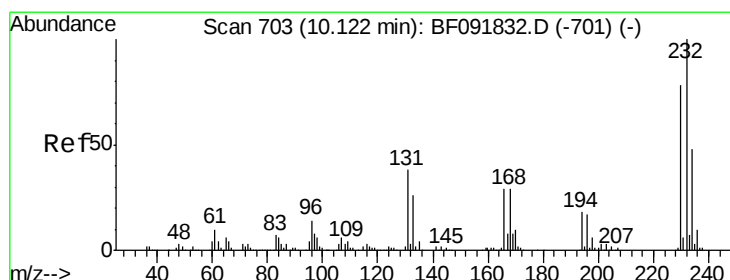
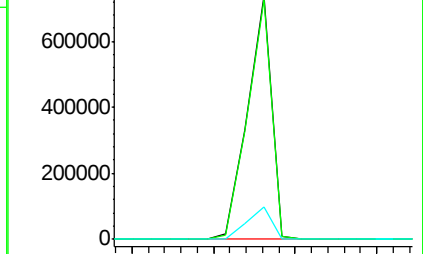
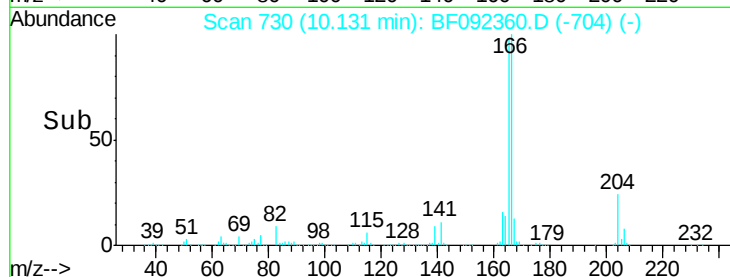
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.12 ng

RT: 9.91 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Tgt Ion:232 Resp: 174118

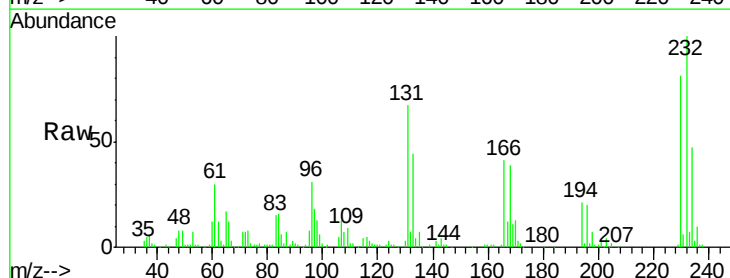
Ion Ratio Lower Upper

232 100

131 49.3 40.1 60.1

130 2.2 1.8 2.8

166 31.5 26.6 39.8

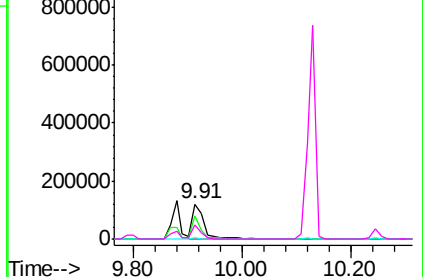
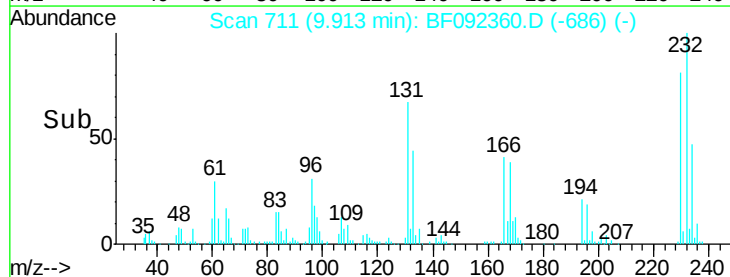


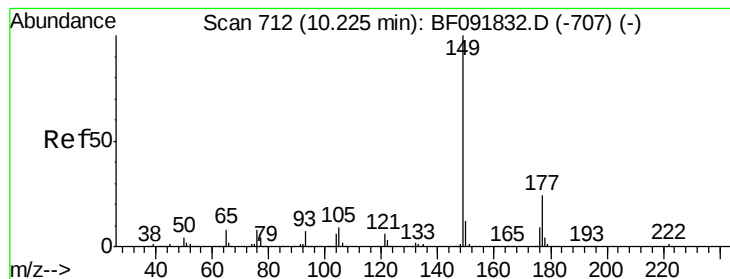
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.62 ng

RT: 10.02 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

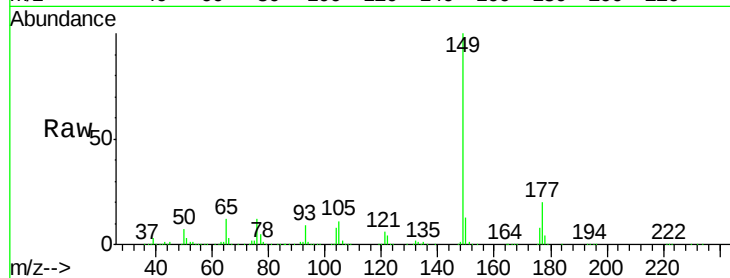
Tgt Ion:149 Resp: 777466

Ion Ratio Lower Upper

149 100

177 19.6 16.6 25.0

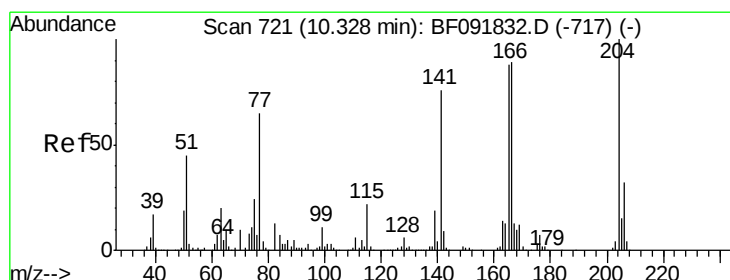
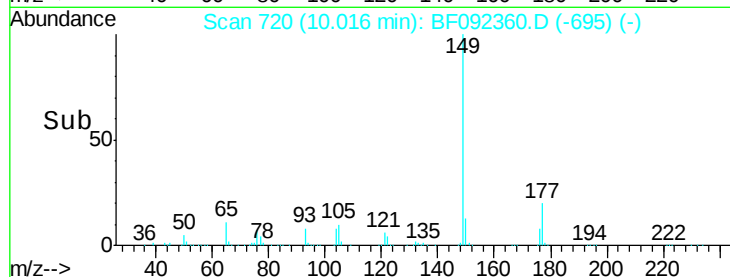
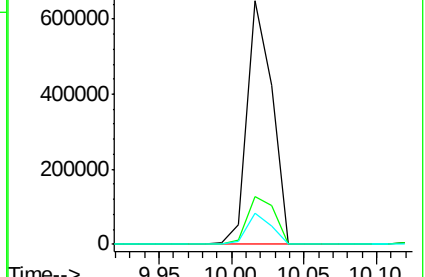
150 12.9 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.97 ng

RT: 10.12 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

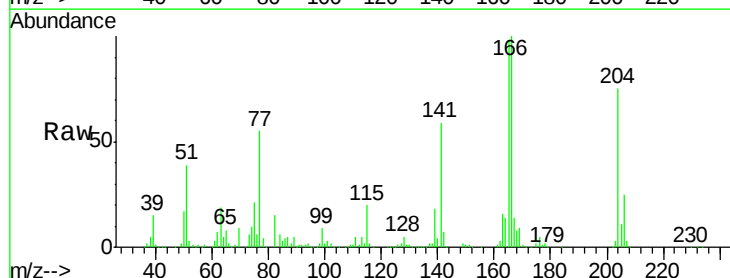
Tgt Ion:204 Resp: 300146

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

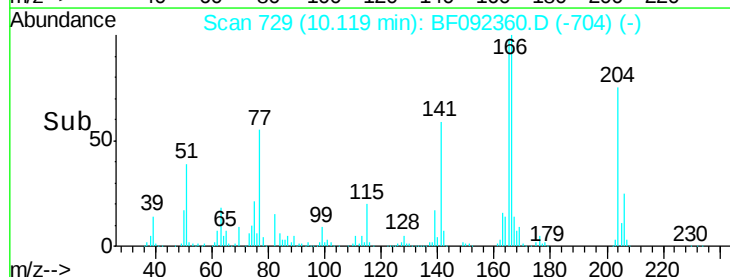
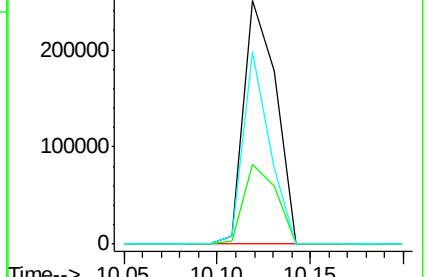
141 78.8 59.4 89.0

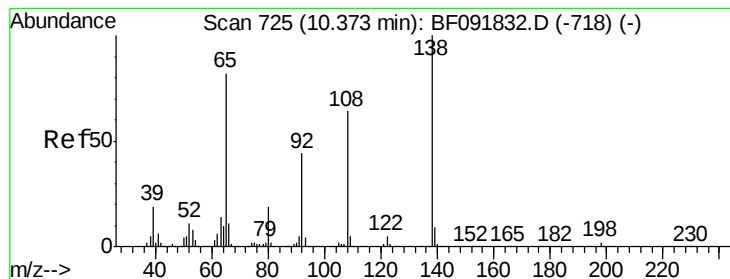


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.65 ng

RT: 10.16 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

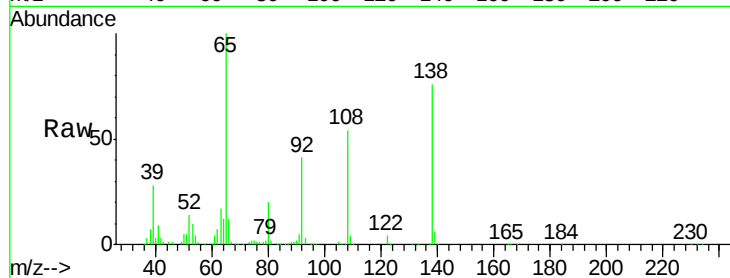
Tgt Ion:138 Resp: 165782

Ion Ratio Lower Upper

138 100

92 54.8 31.7 71.7

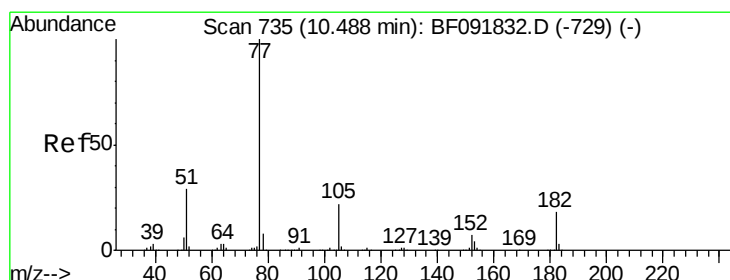
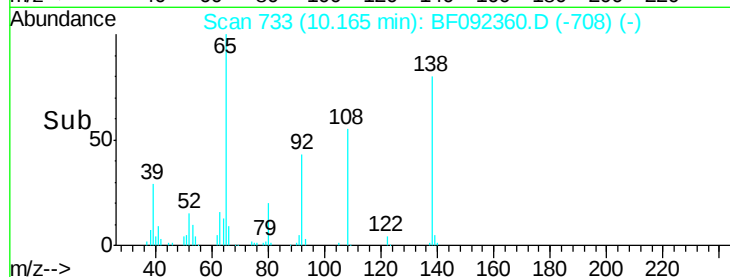
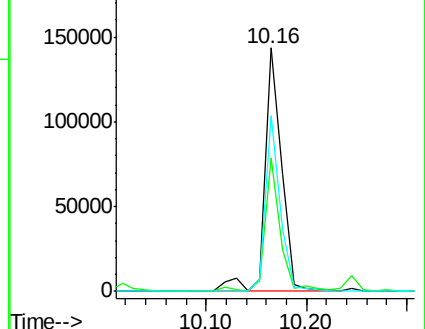
108 72.1 52.6 92.6



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: 45.85 ng

RT: 10.28 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Tgt Ion: 77 Resp: 860327

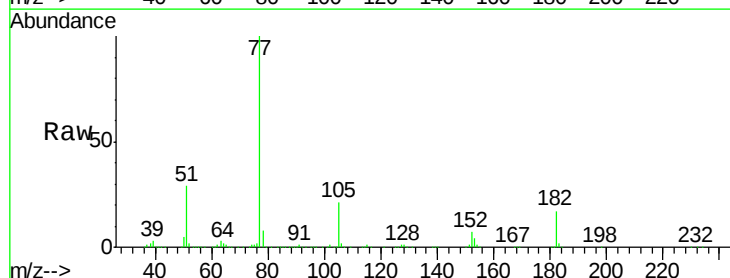
Ion Ratio Lower Upper

77 100

182 16.9 0.0 39.3

105 21.1 2.3 42.3

51 28.6 8.9 48.9

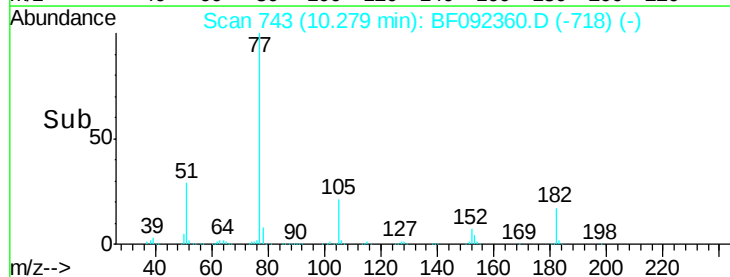
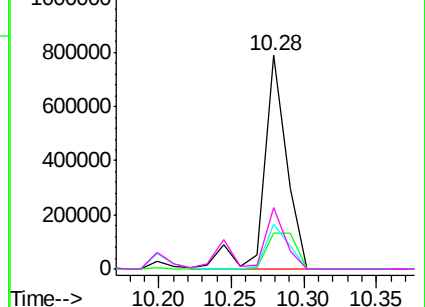


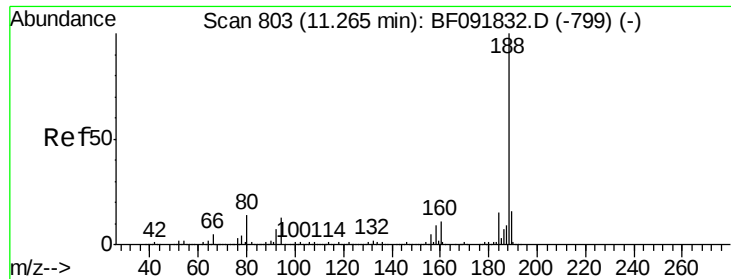
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

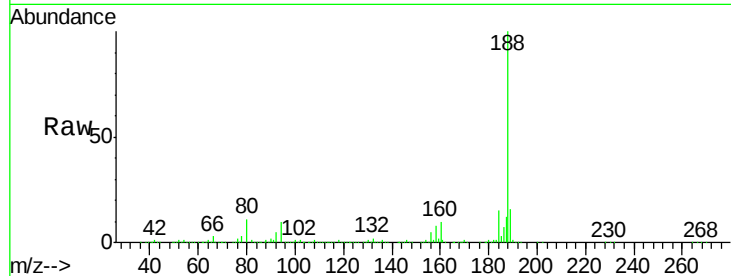




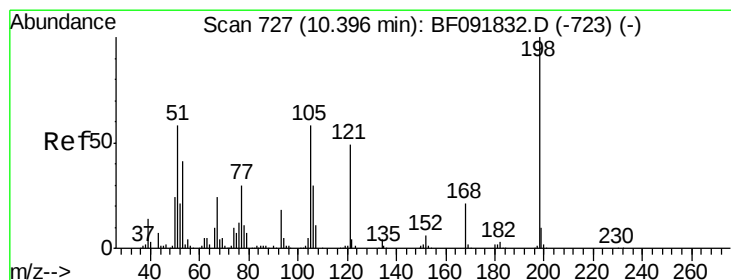
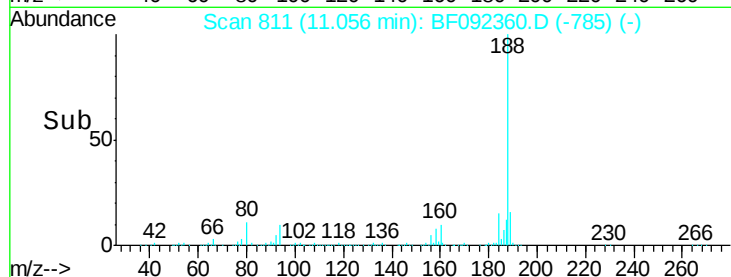
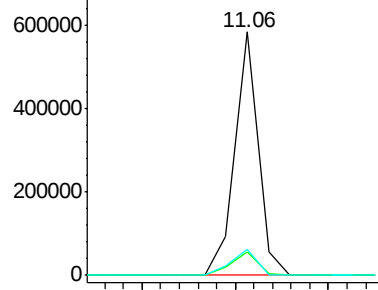
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

Tgt Ion:188 Resp: 505239
Ion Ratio Lower Upper
188 100
94 9.6 10.0 15.0#
80 10.6 11.2 16.8#

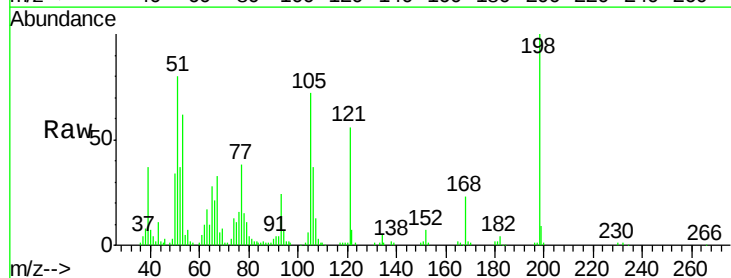


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

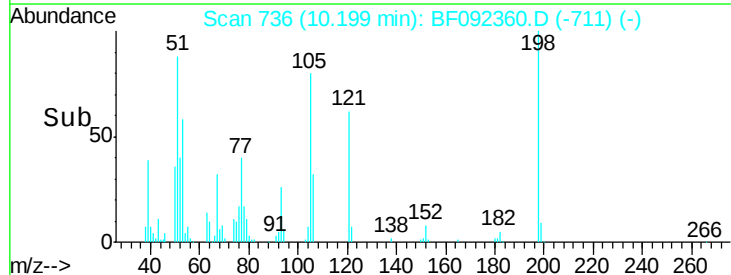
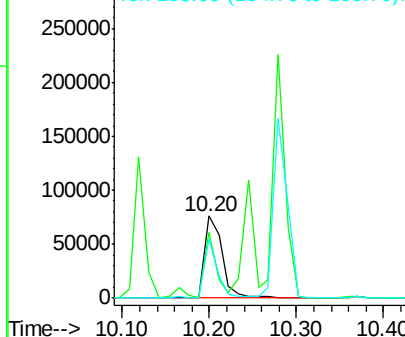


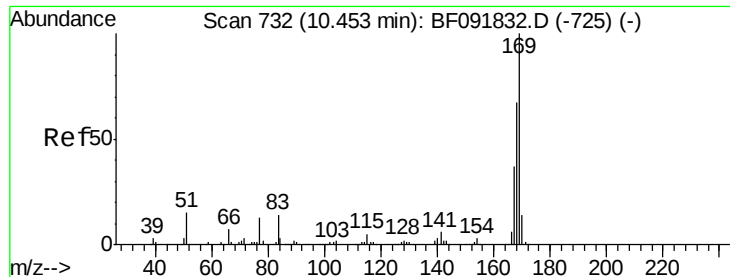
#64
4,6-Dinitro-2-methylphenol
Concen: 35.45 ng
RT: 10.20 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion:198 Resp: 108303
Ion Ratio Lower Upper
198 100
51 79.5 6.7 46.7#
105 71.6 16.6 56.6#



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

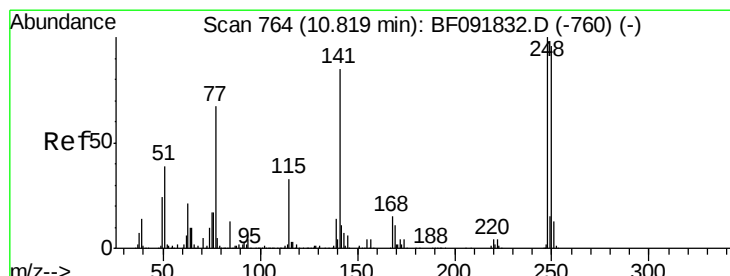
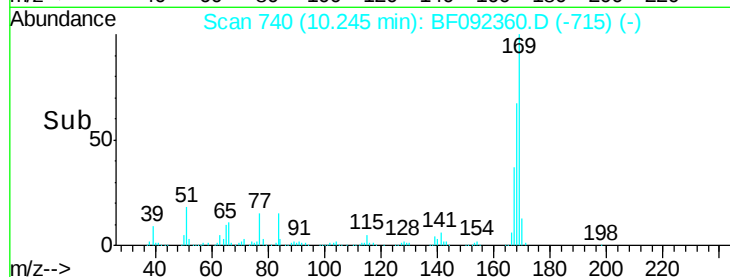
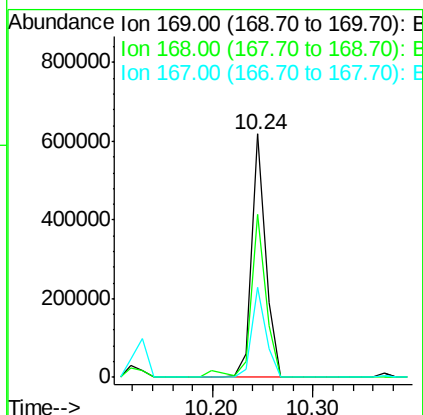
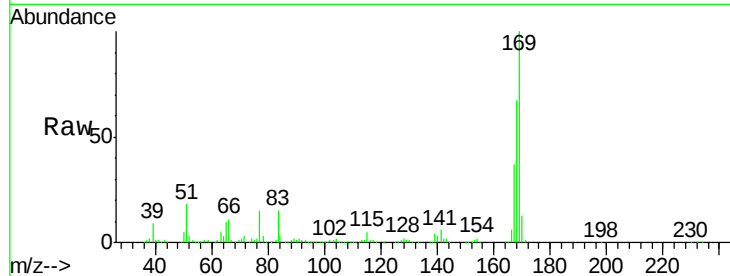




#65
n-Nitrosodiphenylamine
Concen: 40.00 ng
RT: 10.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

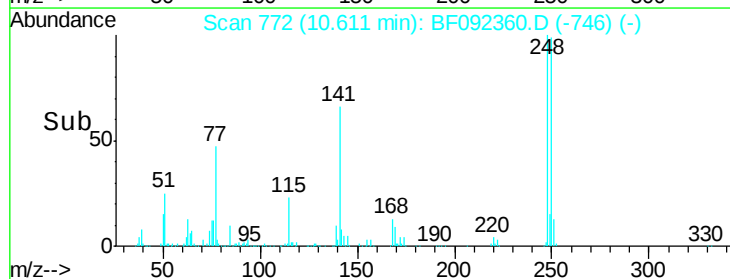
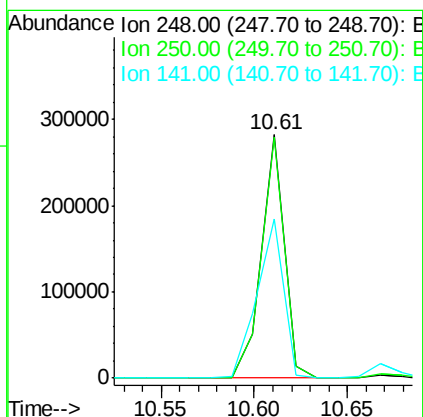
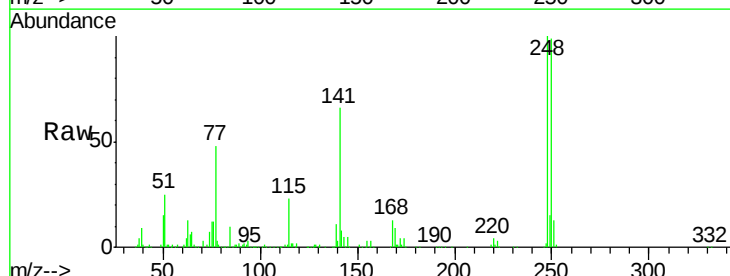
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

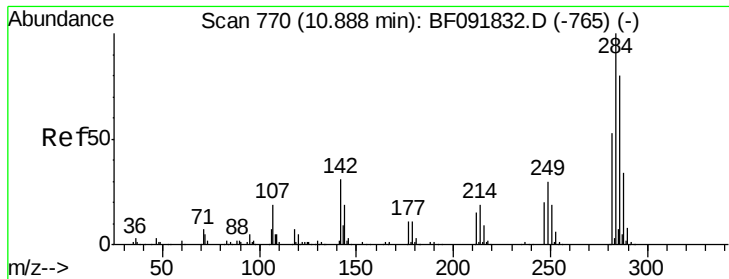
Tgt Ion:169 Resp: 599723
Ion Ratio Lower Upper
169 100
168 67.2 54.2 81.2
167 37.0 30.2 45.4



#66
4-Bromophenyl-phenylether
Concen: 45.48 ng
RT: 10.61 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion:248 Resp: 239036
Ion Ratio Lower Upper
248 100
250 99.2 76.9 115.3
141 65.6 68.2 102.4#





#67

Hexachlorobenzene

Concen: 46.67 ng

RT: 10.68 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

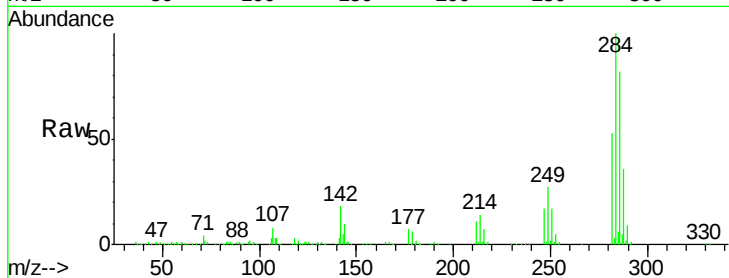
Tgt Ion:284 Resp: 262203

Ion Ratio Lower Upper

284 100

142 17.6 22.6 33.8#

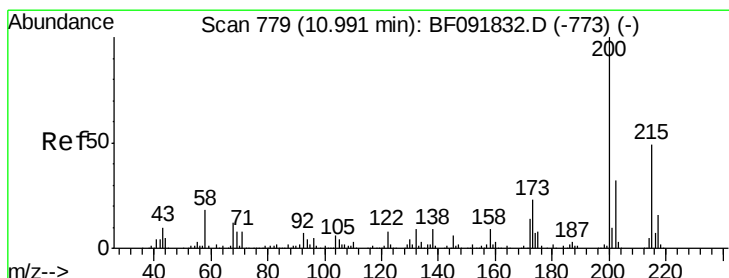
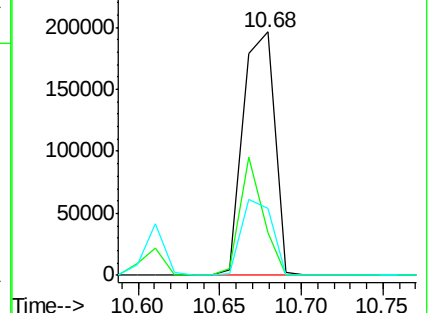
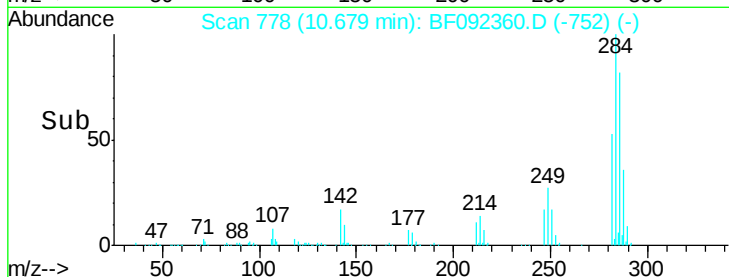
249 27.4 25.4 38.0



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: 51.94 ng

RT: 10.78 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

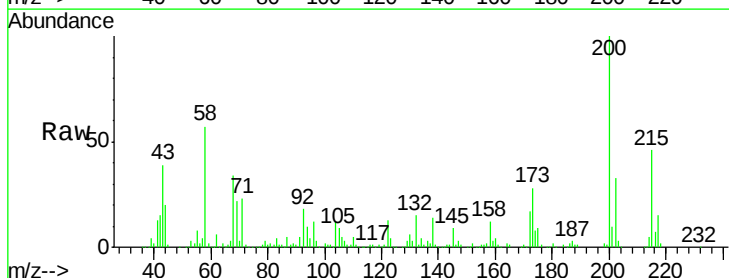
Tgt Ion:200 Resp: 251202

Ion Ratio Lower Upper

200 100

173 28.3 9.6 49.6

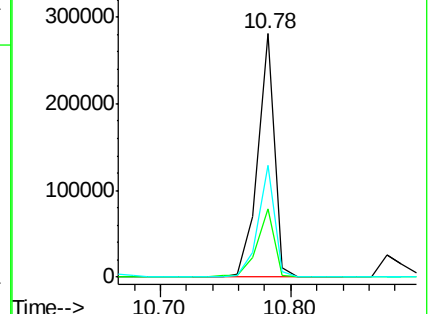
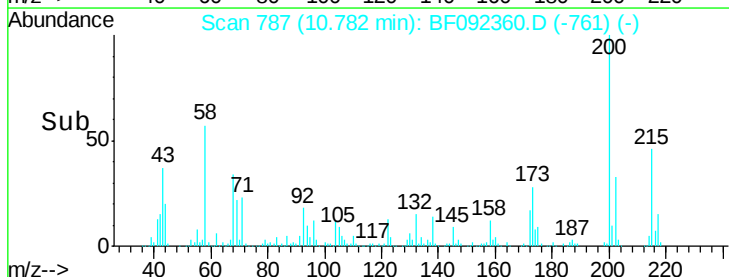
215 45.9 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

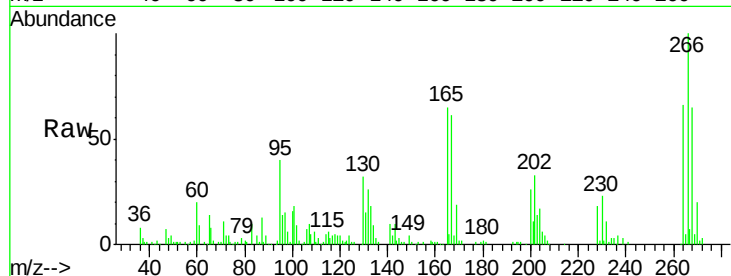




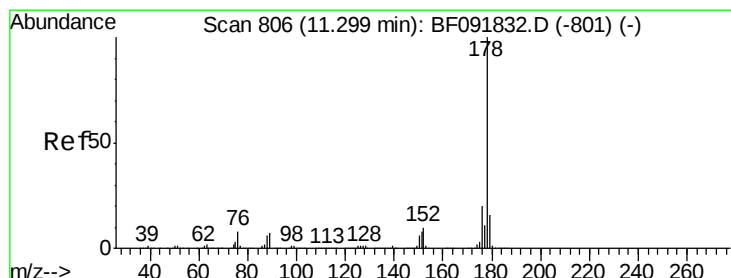
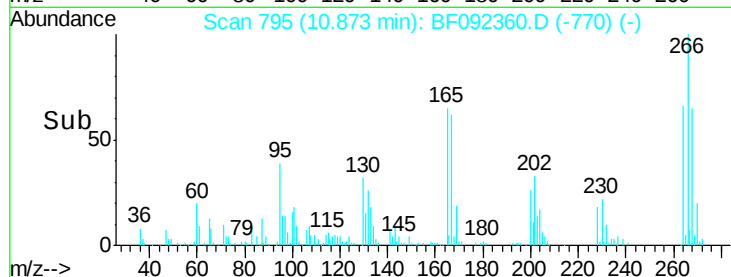
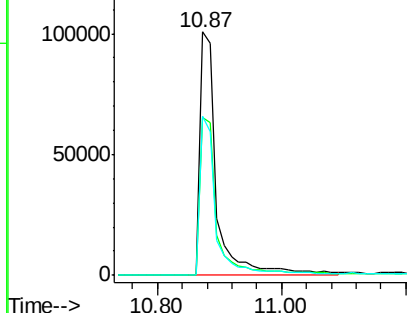
#69
 Pentachlorophenol
 Concen: 69.40 ng
 RT: 10.87 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

Tgt Ion: 266 Resp: 191293
 Ion Ratio Lower Upper
 266 100
 268 65.0 53.3 79.9
 264 65.5 50.3 75.5

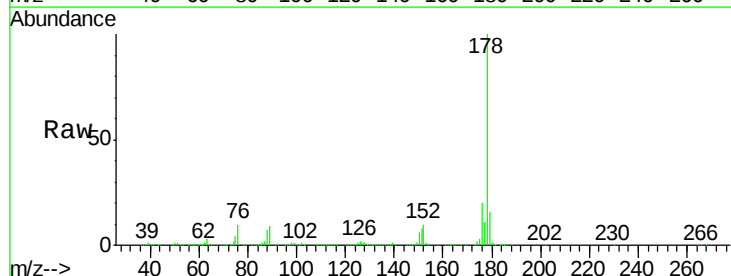


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

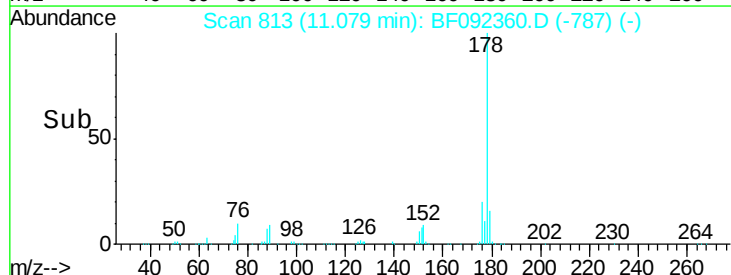
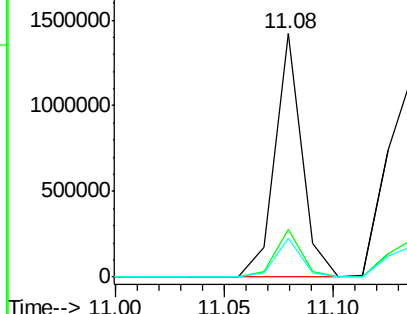


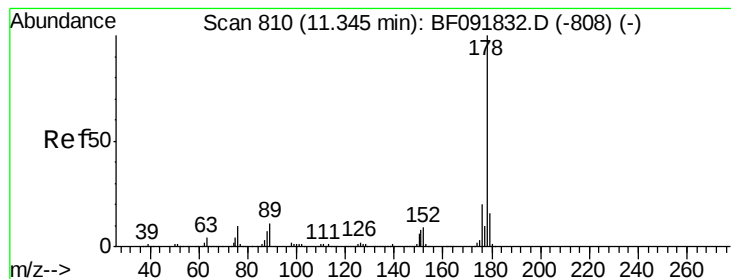
#70
 Phenanthrene
 Concen: 45.04 ng
 RT: 11.08 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Tgt Ion: 178 Resp: 1234000
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 16.1 12.8 19.2



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





#71

Anthracene

Concen: 66.90 ng

RT: 11.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

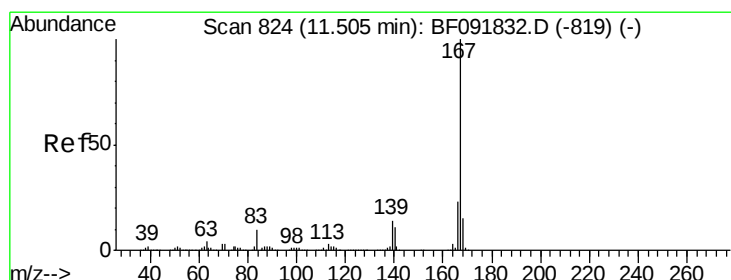
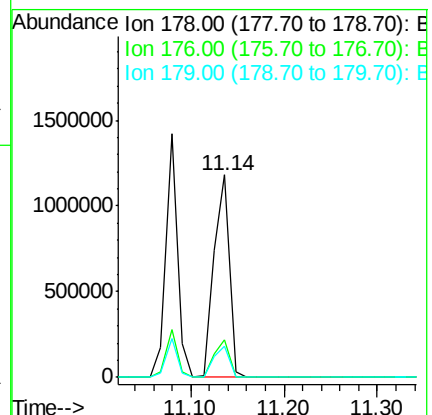
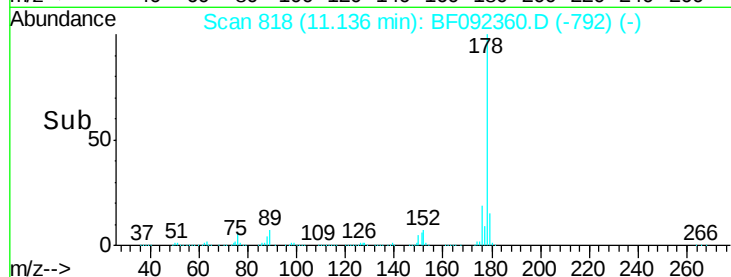
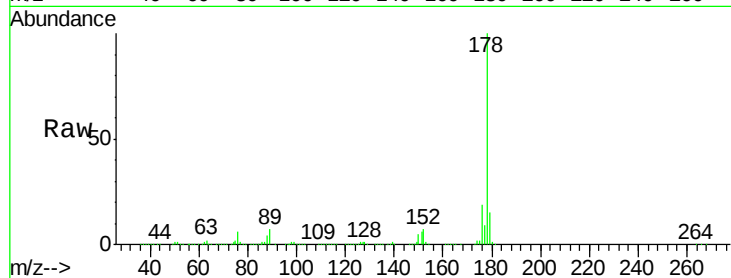
Tgt Ion:178 Resp: 1357568

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

179 15.4 13.2 19.8



#72

Carbazole

Concen: 69.45 ng

RT: 11.30 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

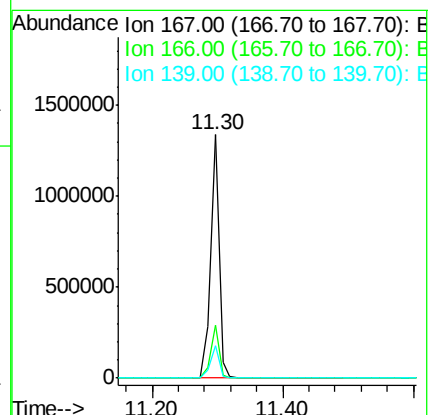
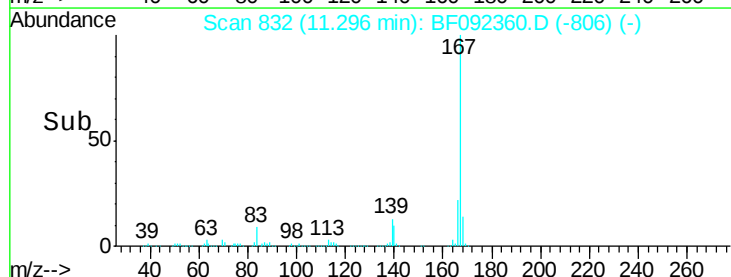
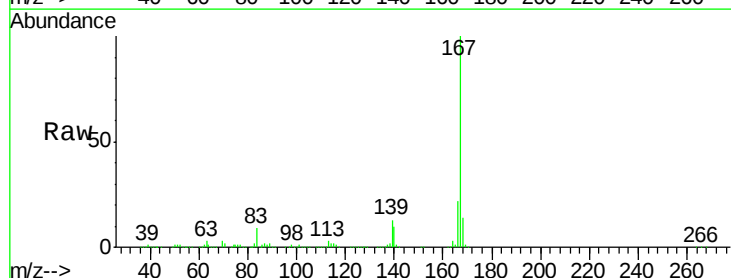
Tgt Ion:167 Resp: 1186289

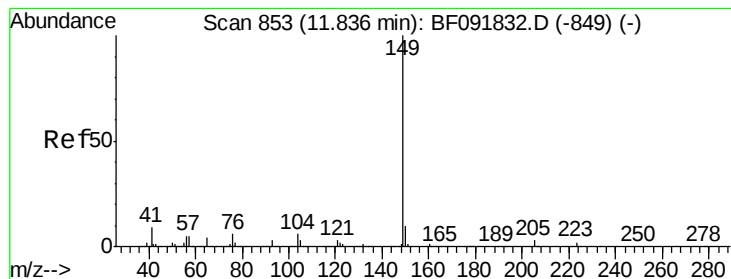
Ion Ratio Lower Upper

167 100

166 21.7 18.2 27.2

139 13.1 11.4 17.2





#73

Di-n-butylphthalate

Concen: 59.22 ng

RT: 11.64 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

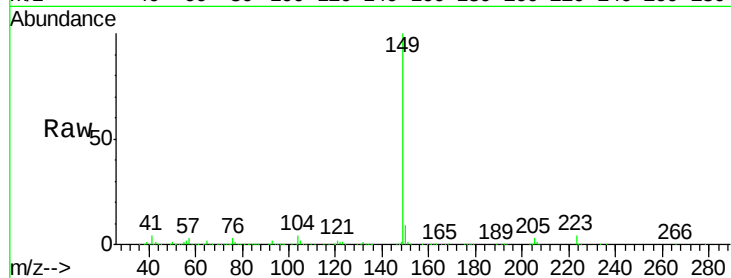
Tgt Ion:149 Resp: 1503573

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

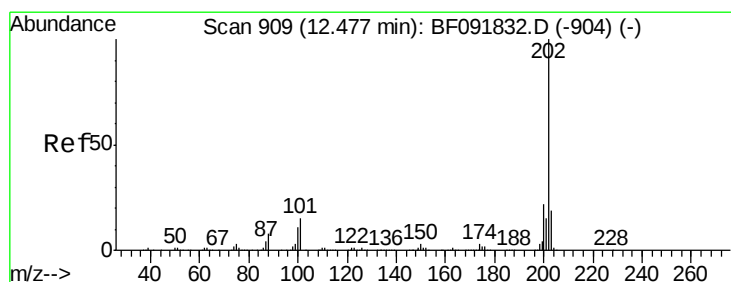
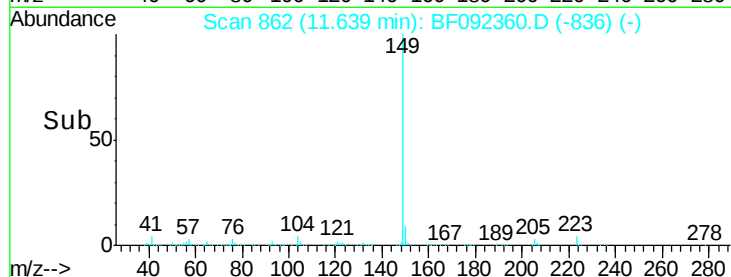
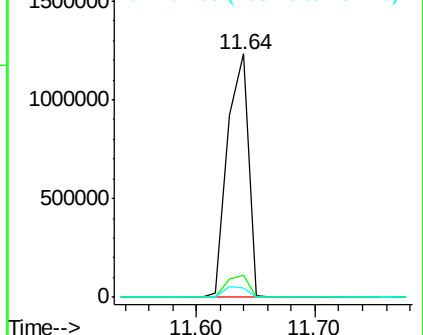
104 3.7 4.6 7.0#



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: 45.73 ng

RT: 12.26 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

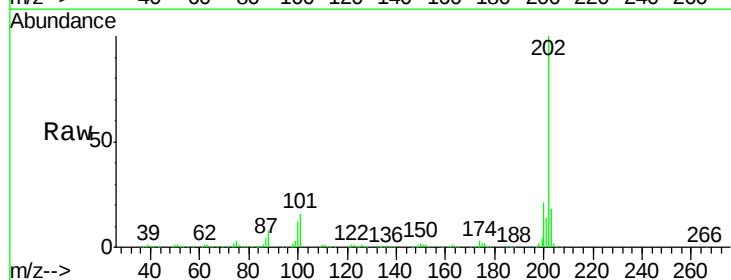
Tgt Ion:202 Resp: 1097706

Ion Ratio Lower Upper

202 100

101 15.6 0.0 34.6

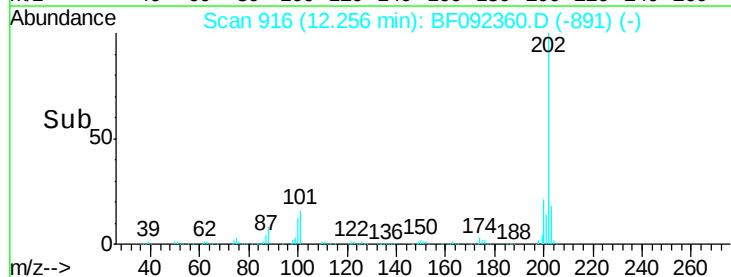
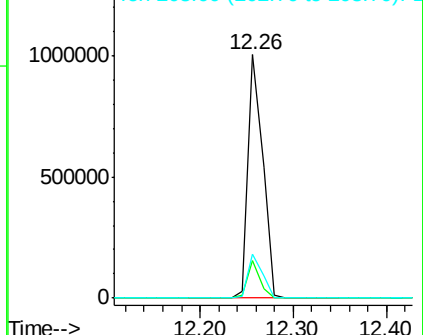
203 18.1 0.0 38.7

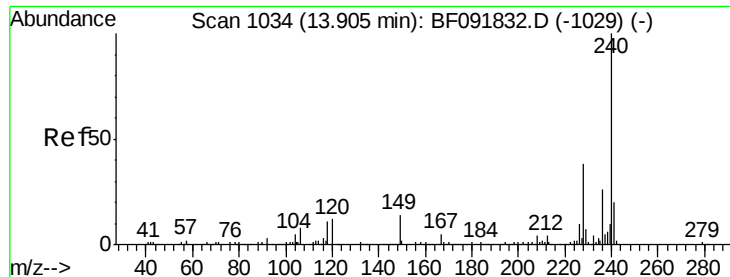


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.69 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

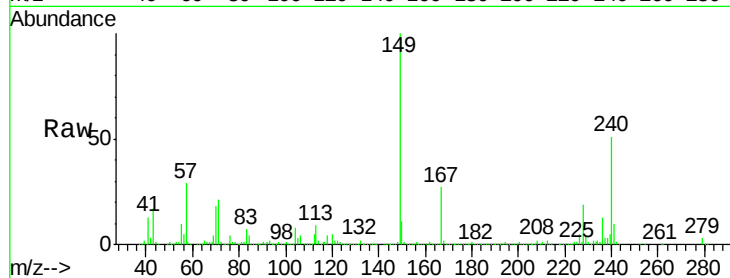
Tgt Ion:240 Resp: 319336

Ion Ratio Lower Upper

240 100

120 10.0 12.9 19.3#

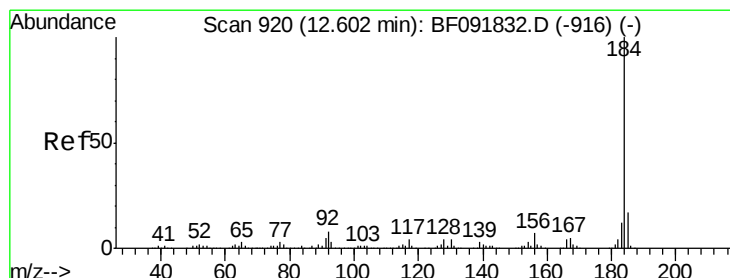
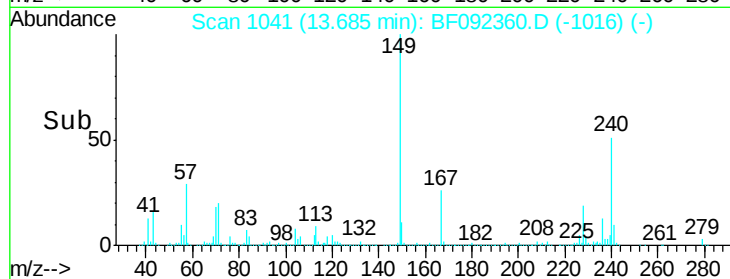
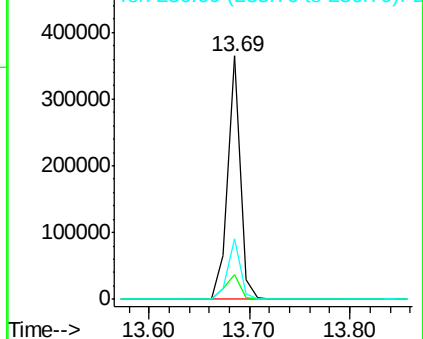
236 24.7 20.9 31.3



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: 25.03 ng

RT: 12.39 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

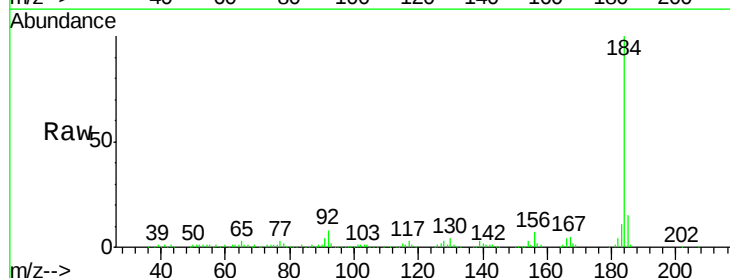
Tgt Ion:184 Resp: 228842

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

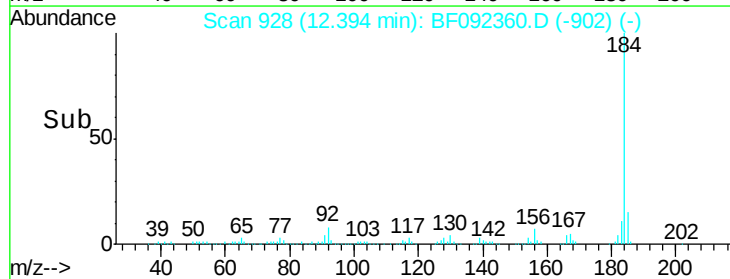
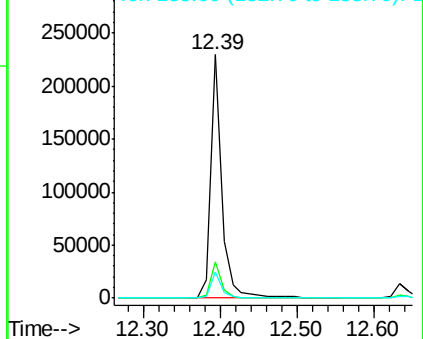
183 10.8 9.2 13.8

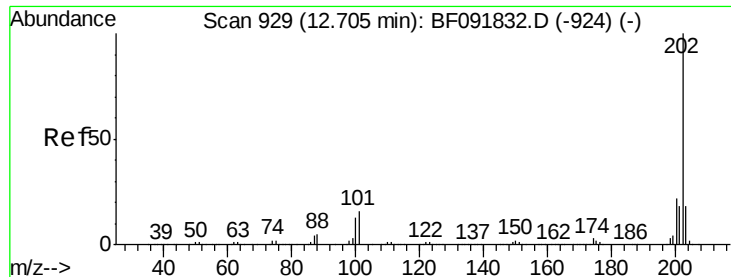


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

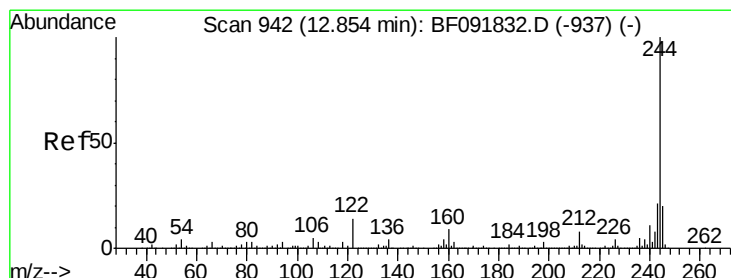
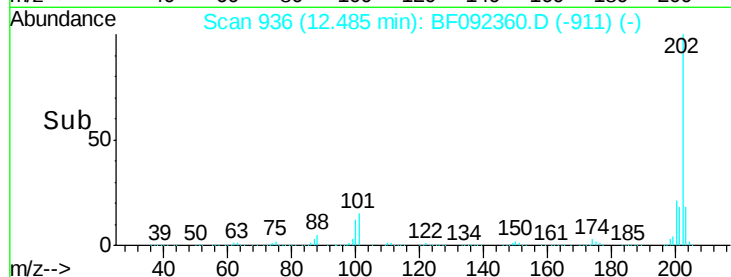
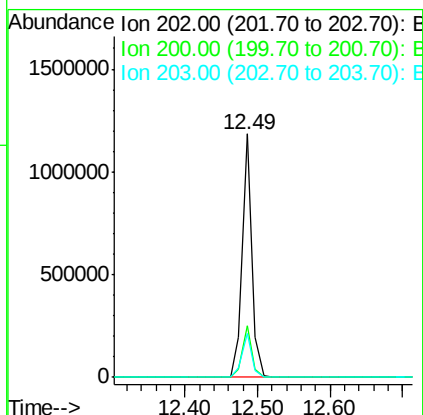
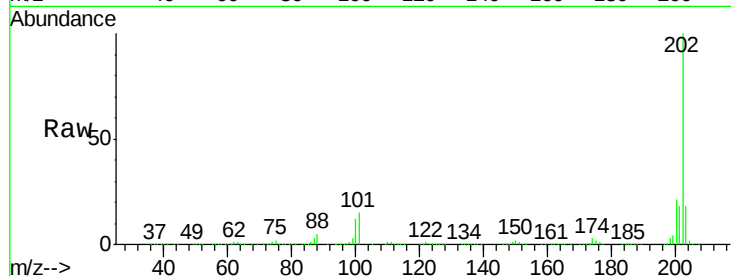




#77
 Pyrene
 Concen: 46.37 ng
 RT: 12.49 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

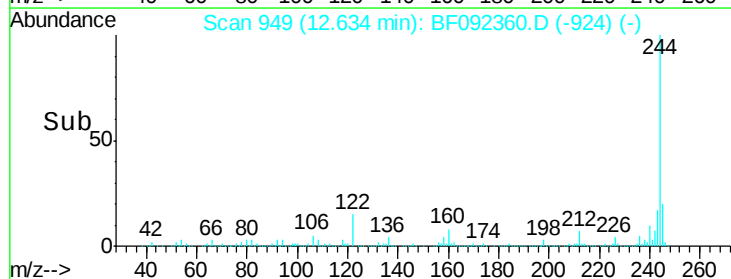
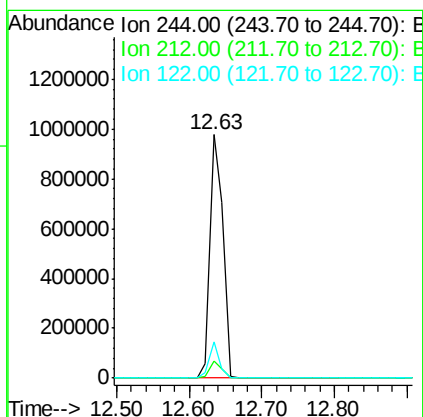
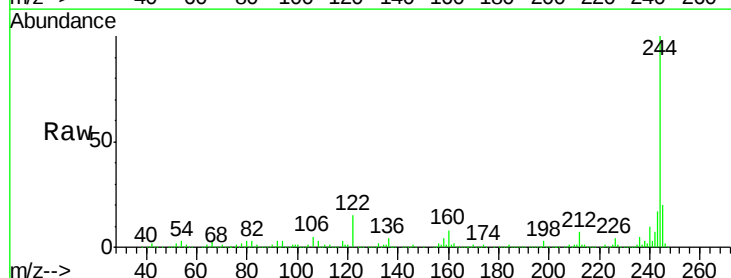
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

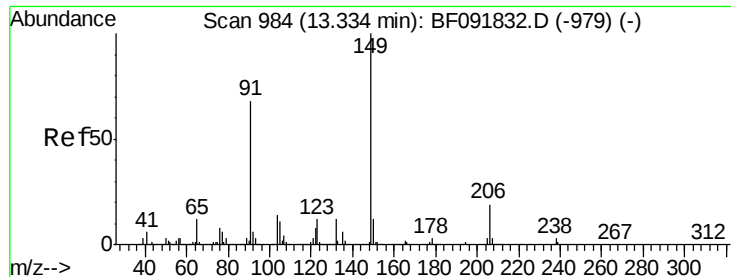
Tgt Ion: 202 Resp: 1086397
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.7 26.5
 203 17.9 14.7 22.1



#78
 Terphenyl-d14
 Concen: 91.88 ng
 RT: 12.63 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Tgt Ion: 244 Resp: 1209819
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 15.1 11.4 17.2

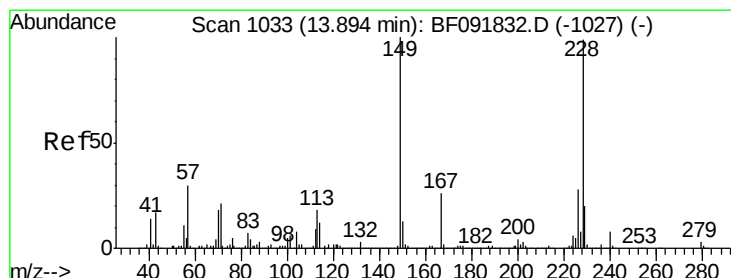
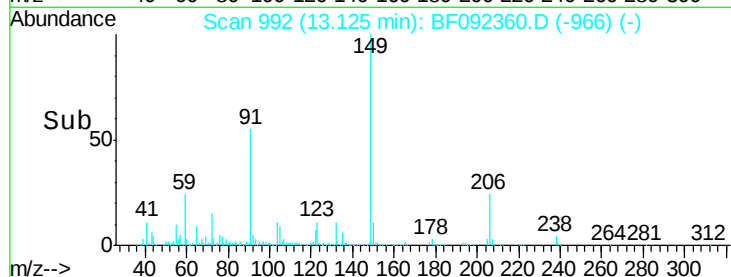
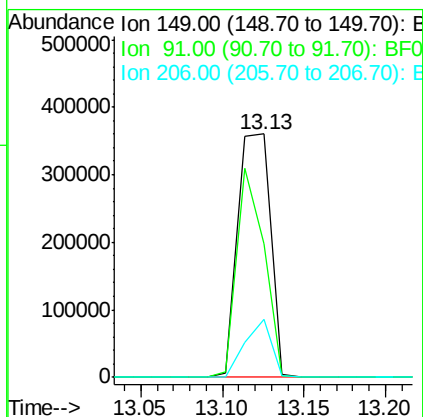
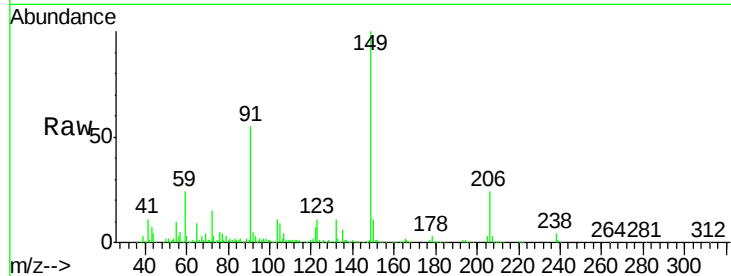




#79
Butylbenzylphthalate
Concen: 46.91 ng
RT: 13.13 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

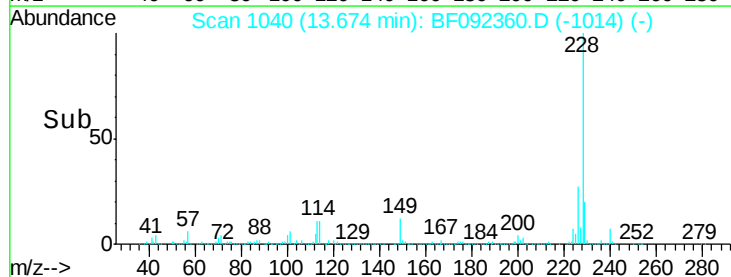
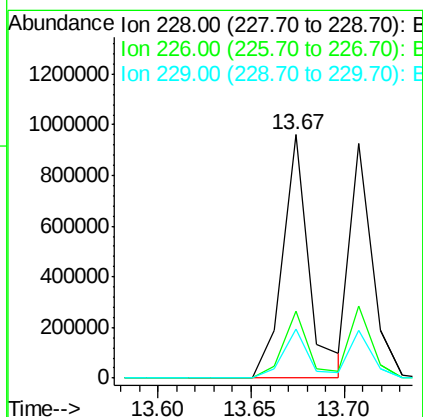
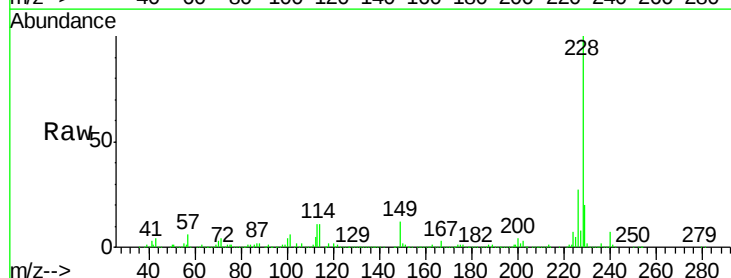
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

Tgt Ion:149 Resp: 499923
Ion Ratio Lower Upper
149 100
91 55.0 63.9 95.9#
206 23.6 14.6 21.8#



#80
Benzo(a)anthracene
Concen: 52.60 ng
RT: 13.67 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion:228 Resp: 948204
Ion Ratio Lower Upper
228 100
226 27.4 22.4 33.6
229 20.3 16.2 24.4

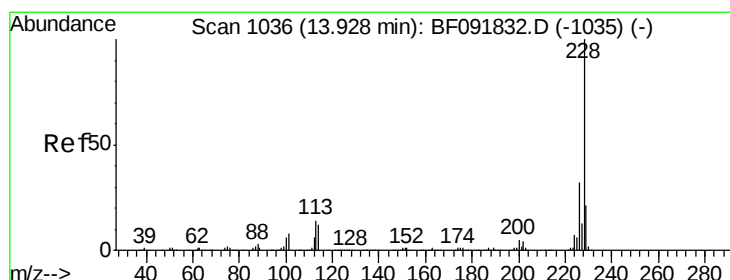
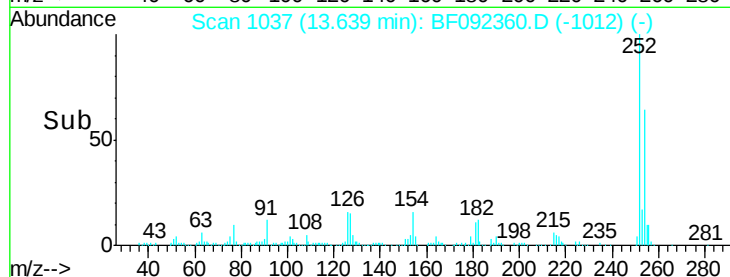
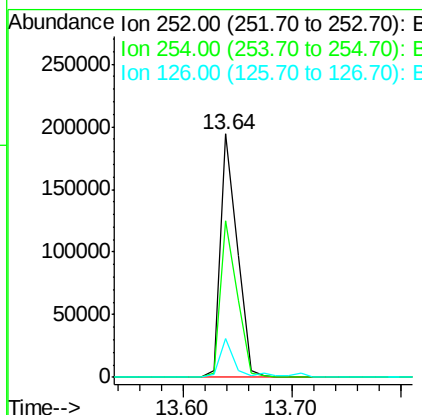
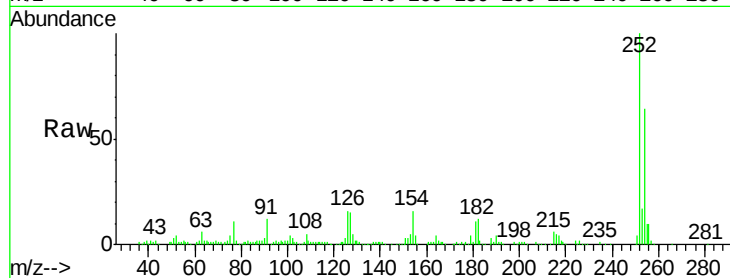




#81
 3,3'-Dichlorobenzidine
 Concen: 30.75 ng
 RT: 13.64 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

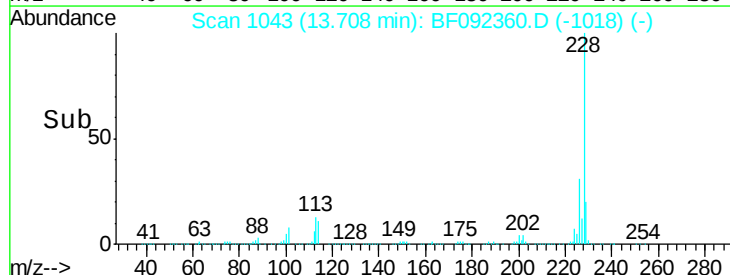
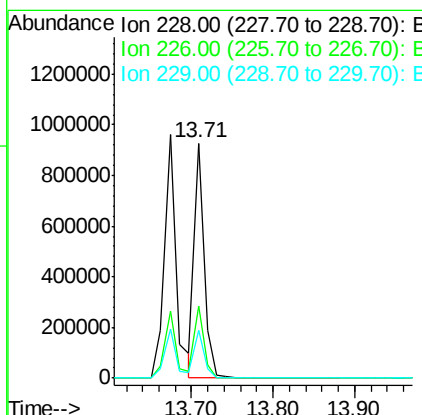
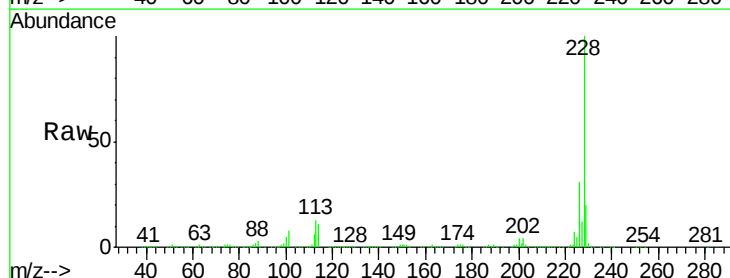
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.3	78.5
126	15.9	13.6	20.4



#82
 Chrysene
 Concen: 43.27 ng
 RT: 13.71 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	20.4	16.2	24.2

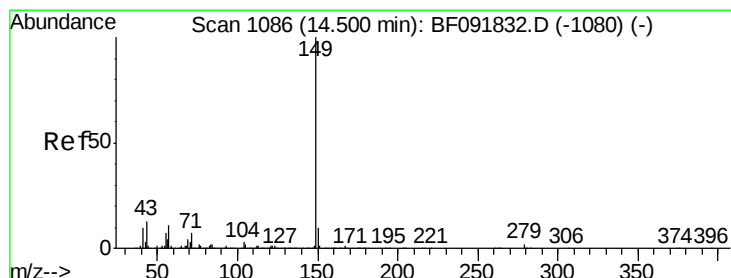
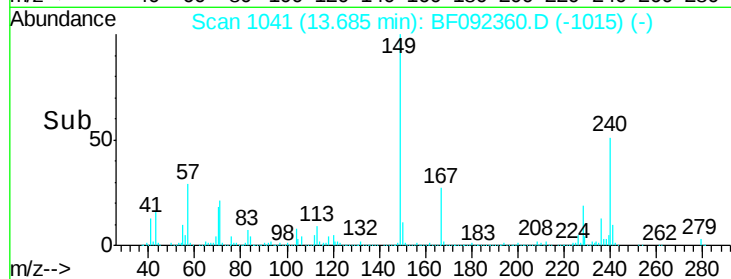
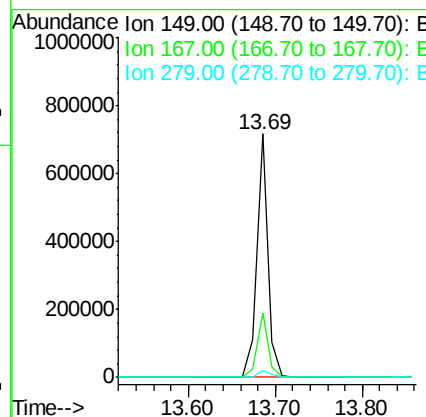
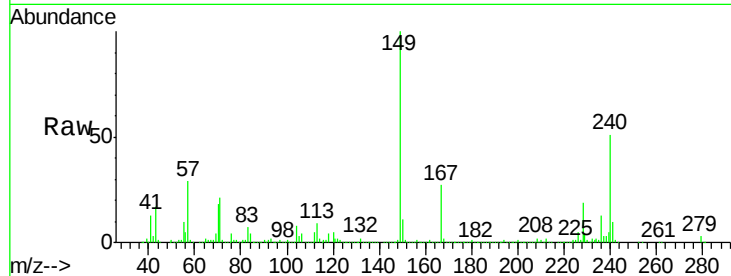




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.74 ng
 RT: 13.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

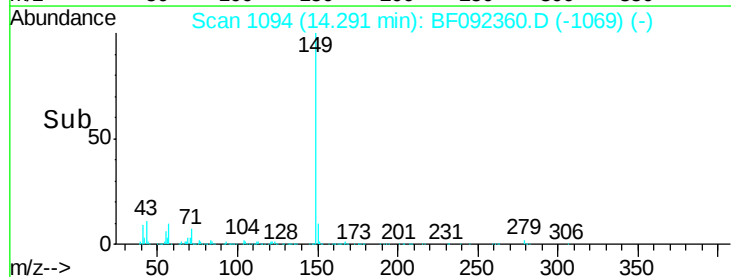
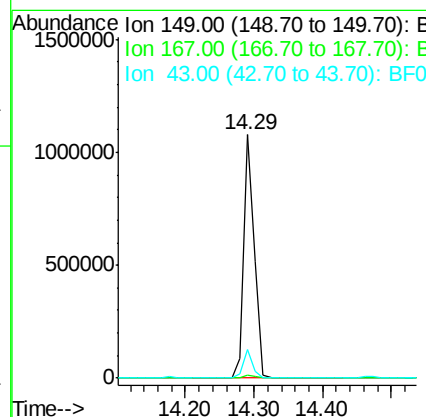
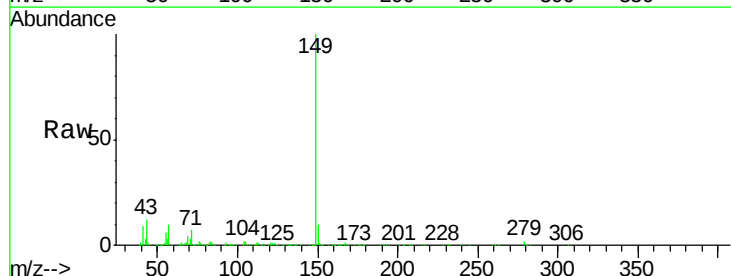
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

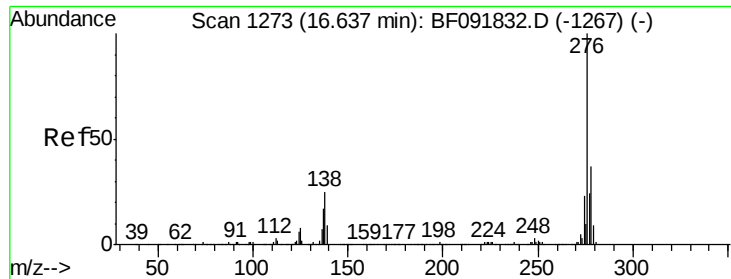
Tgt Ion:149 Resp: 649301
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.2 30.4
 279 2.7 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 50.30 ng
 RT: 14.29 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Tgt Ion:149 Resp: 1169314
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 10.0 8.9 13.3

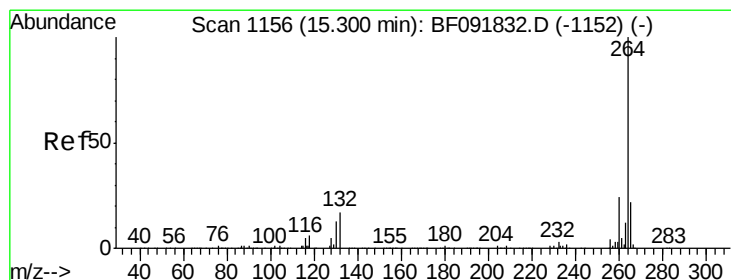
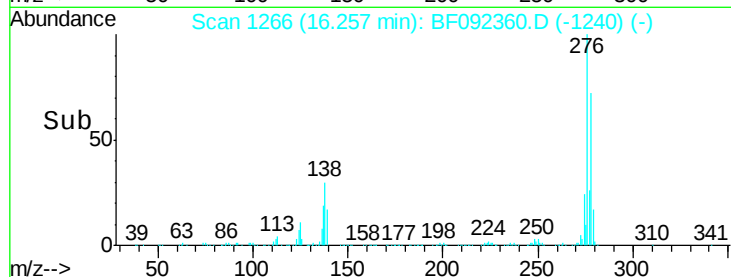
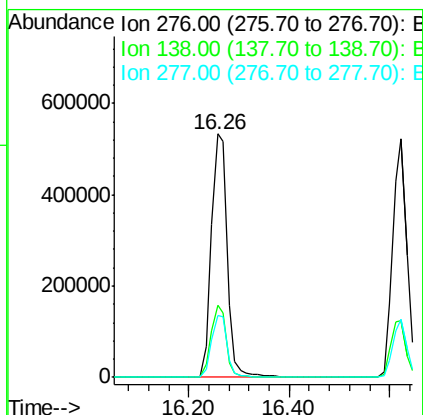
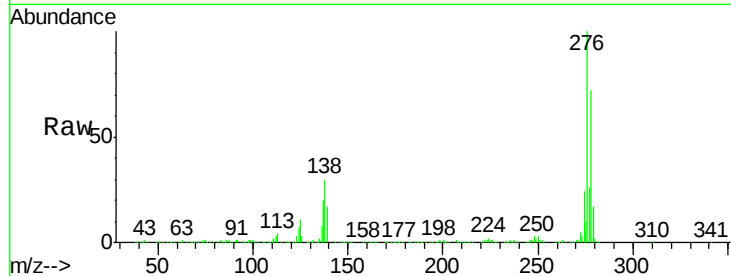




#85
Indeno(1,2,3-cd)pyrene
Concen: 74.94 ng
RT: 16.26 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

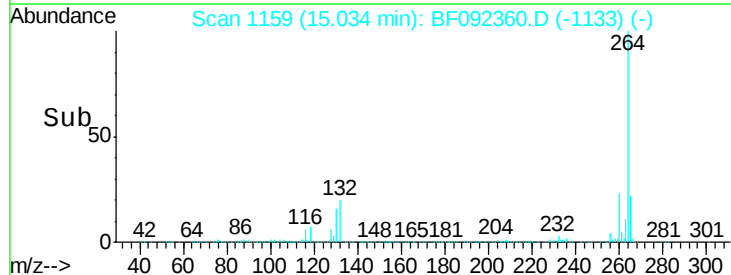
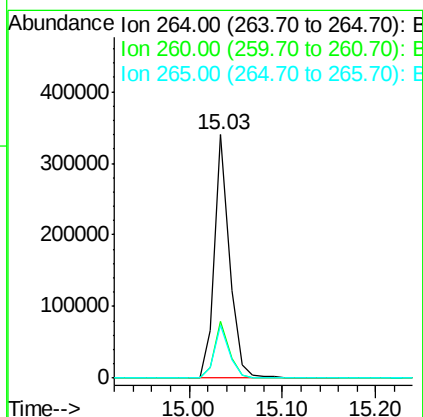
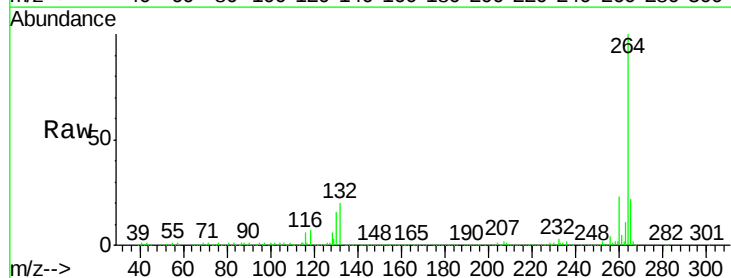
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

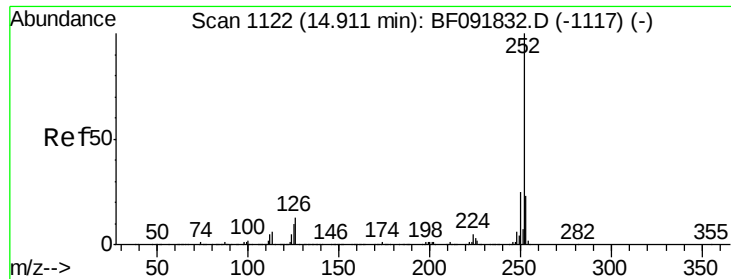
Tgt Ion: 276 Resp: 1173886
Ion Ratio Lower Upper
276 100
138 28.8 21.8 32.6
277 25.2 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion: 264 Resp: 383816
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 49.65 ng m

RT: 14.68 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

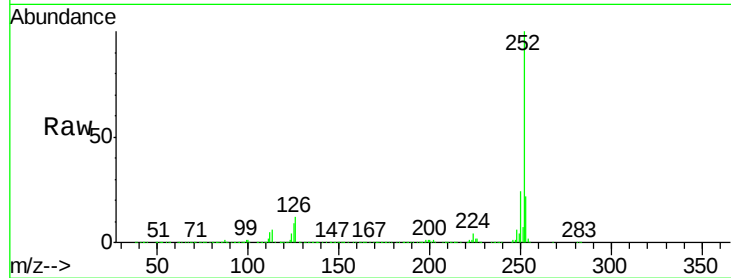
Tgt Ion:252 Resp: 1186559

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

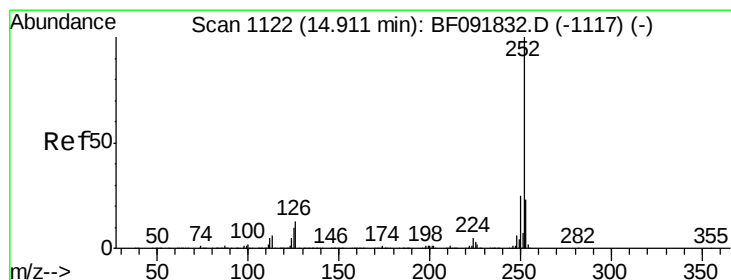
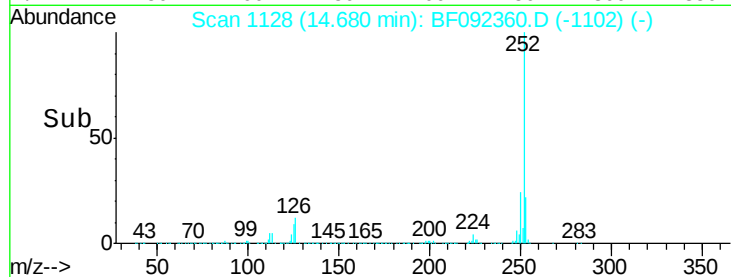
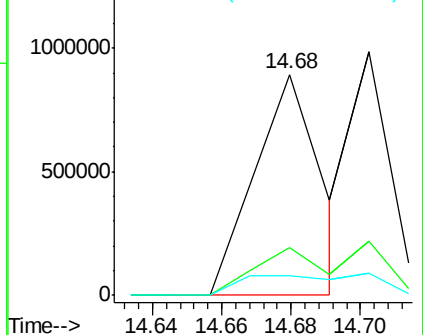
125 8.9 9.8 14.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.82 ng m

RT: 14.70 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

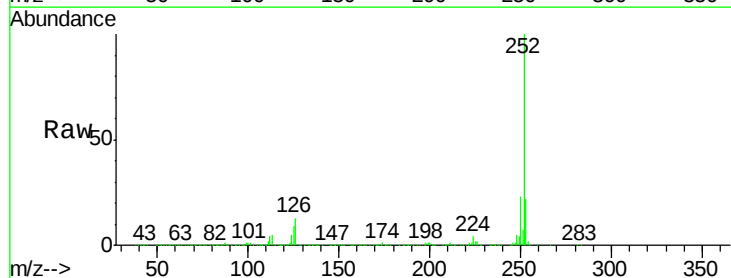
Tgt Ion:252 Resp: 791026

Ion Ratio Lower Upper

252 100

253 22.2 18.5 27.7

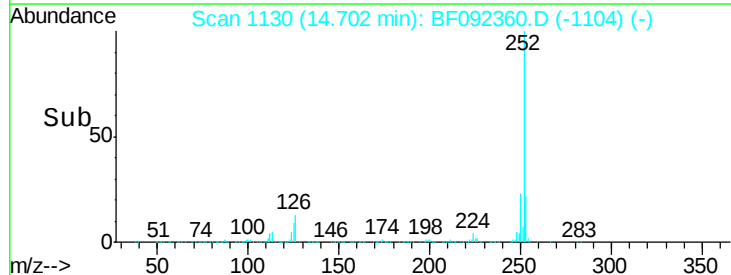
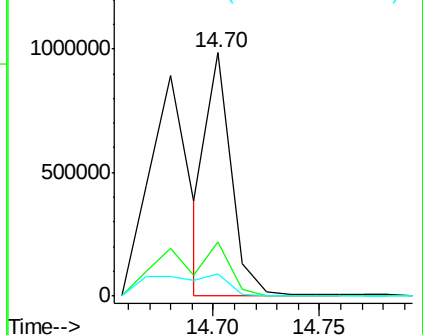
125 9.2 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.09 ng

RT: 14.99 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

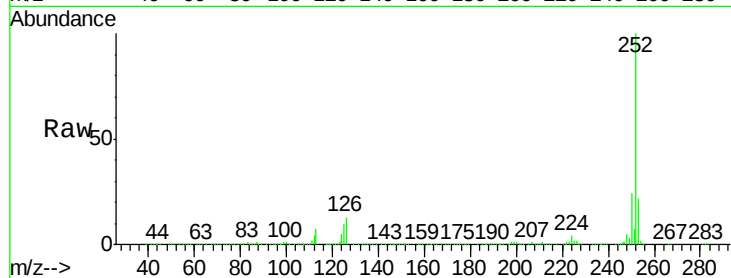
Tgt Ion: 252 Resp: 998660

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

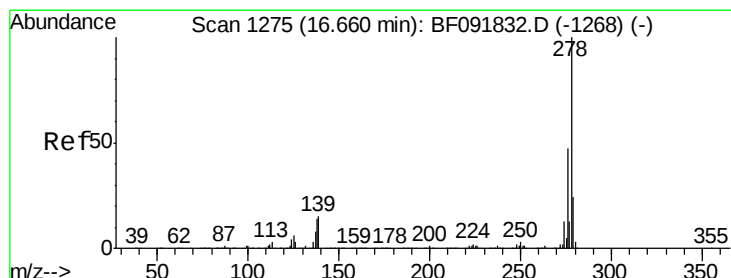
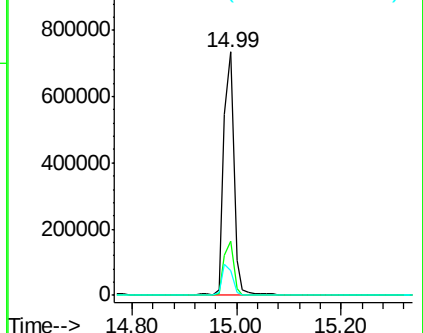
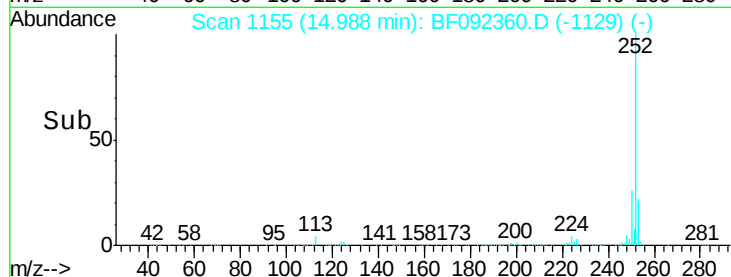
125 10.0 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 54.41 ng

RT: 16.27 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

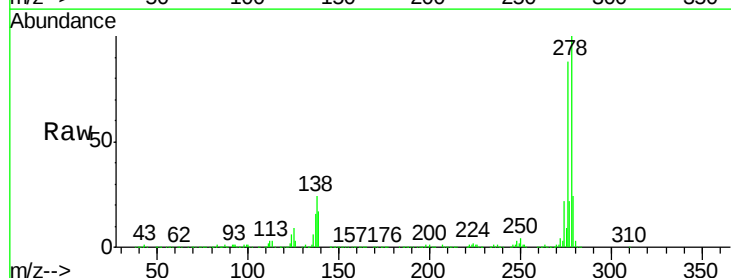
Tgt Ion: 278 Resp: 948558

Ion Ratio Lower Upper

278 100

139 16.7 14.8 22.2

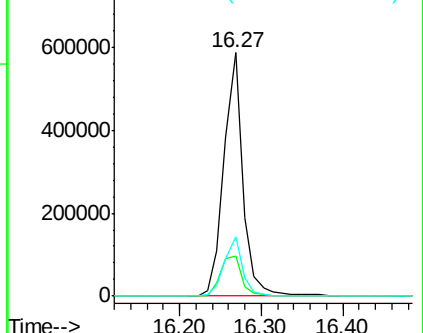
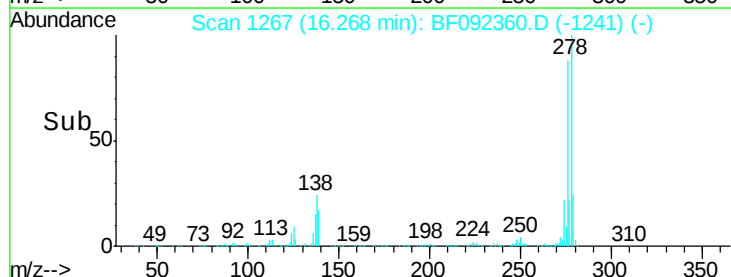
279 24.2 19.8 29.6

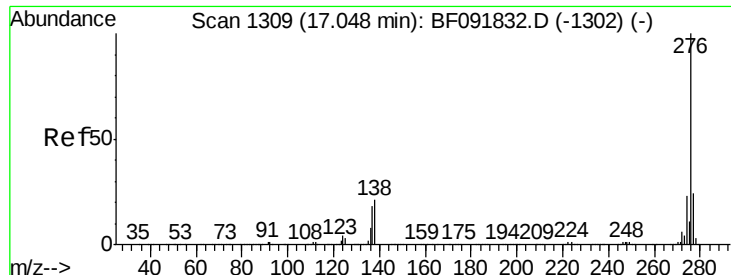


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 58.32 ng

RT: 16.62 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF092360.D

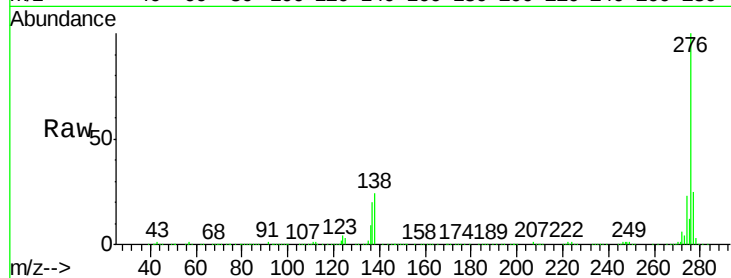
Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD



Tgt Ion: 276 Resp: 1057105

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 23.7 16.0 24.0

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

