

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 00:06:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	533778	20.00	ng	0.06
21) Naphthalene-d8	7.83	136	557364	20.00	ng	-0.10
38) Acenaphthene-d10	9.58	164	274387	20.00	ng	-0.10
63) Phenanthrene-d10	11.06	188	505239	20.00	ng	-0.10
75) Chrysene-d12	13.69	240	319336	20.00	ng	-0.10
86) Perylene-d12	15.03	264	383816	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.14	112	1263203	39.51	ng	-0.10
7) Phenol-d6	6.22	99	1715034	43.94	ng	-0.09
23) Nitrobenzene-d5	7.12	82	1003679	100.13	ng	-0.09
41) 2,4,6-Tribromophenol	10.37	330	267483	117.79	ng	-0.10
44) 2-Fluorobiphenyl	8.92	172	1523843	118.94	ng	-0.09
78) Terphenyl-d14	12.63	244	1209819	91.88	ng	-0.11

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.00	88	198246	12.60	ng	97
3) Pyridine	2.61	79	495974	9.03	ng	99
4) n-Nitrosodimethylamine	2.58	42	241296	11.65	ng	92
6) Aniline	6.29	93	498394	9.83	ng	# 23
8) 2-Chlorophenol	6.34	128	509791	14.02	ng	92
10) Phenol	6.23	94	715744	16.09	ng	# 64
11) bis(2-Chloroethyl)ether	6.29	93	498394	14.08	ng	100
12) 1,3-Dichlorobenzene	6.56	146	549136	14.15	ng	97
13) 1,4-Dichlorobenzene	6.71	146	450094	11.39	ng	99
14) 1,2-Dichlorobenzene	6.71	146	450094	13.13	ng	98
15) Benzyl Alcohol	6.71	79	403658	13.31	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	666238	12.64	ng	# 31
17) 2-Methylphenol	7.00	107	527200	18.03	ng	# 76
18) Hexachloroethane	7.06	117	180926	12.35	ng	94
19) n-Nitroso-di-n-propylamine	6.98	70	351539	13.54	ng	99
20) 3+4-Methylphenols	7.00	107	527200	15.11	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	44707	6.90	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	66338	27.30	ng	# 50
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
42) 2,4,6-Trichlorophenol	8.84	196	220099	45.40	ng	97

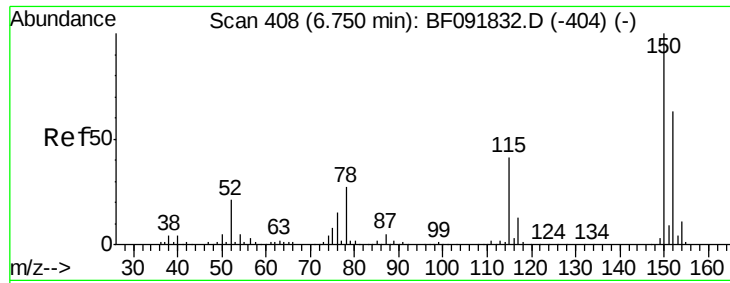
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	9.79	139	601528	186.37	ng	# 9
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	173018	43.84	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	860138	45.84	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	1086971	46.39	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	1176902	75.13	ng	98
87) Benzo(b)fluoranthene	14.70	252	1995098	83.49	ng	# 97
88) Benzo(k)fluoranthene	14.70	252	1995098	97.91	ng	97
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: 6.70 min Scan# 430

Delta R.T. 0.06 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

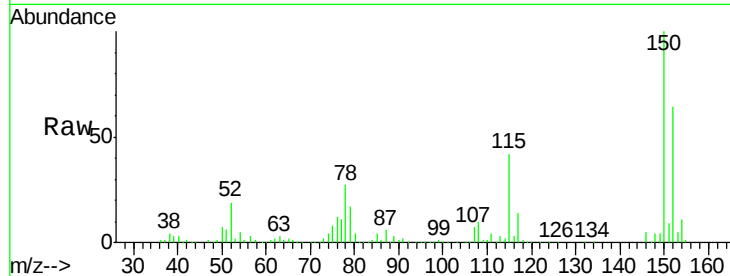
Tgt Ion:152 Resp: 533778

Ion Ratio Lower Upper

152 100

150 155.2 124.9 187.3

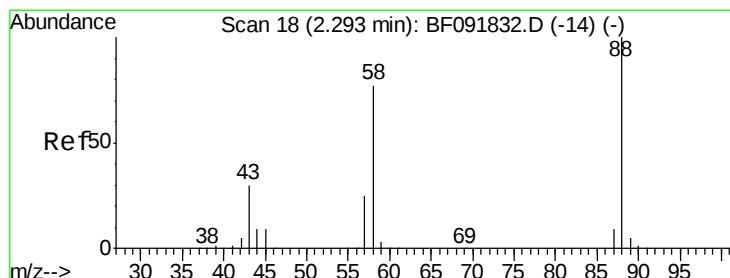
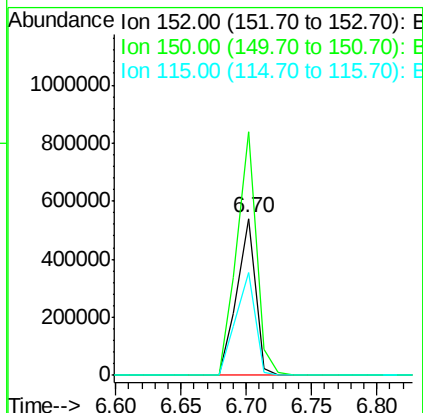
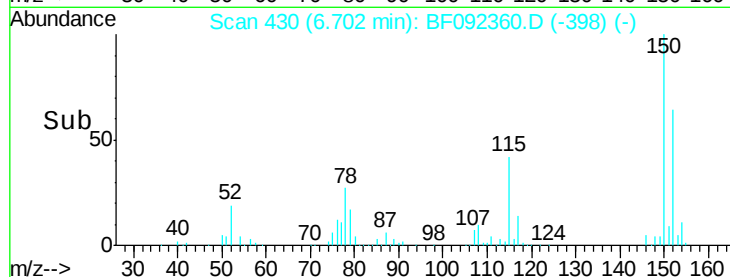
115 65.6 46.0 69.0



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: 12.60 ng

RT: 2.00 min Scan# 19

Delta R.T. -0.08 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

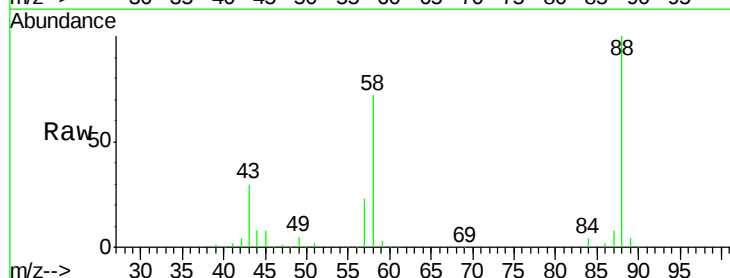
Tgt Ion: 88 Resp: 198246

Ion Ratio Lower Upper

88 100

58 75.5 57.8 86.8

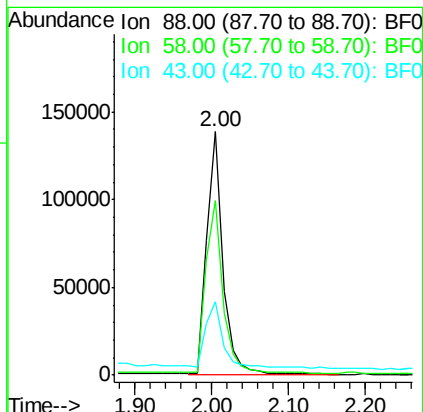
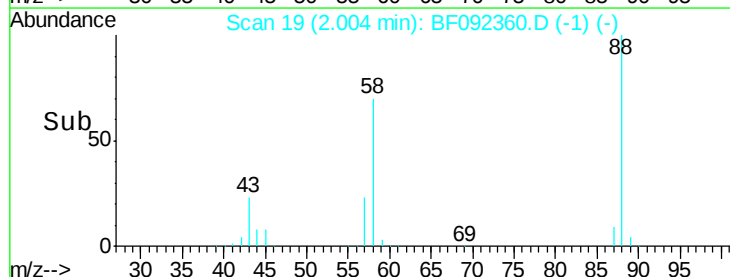
43 28.8 22.3 33.5

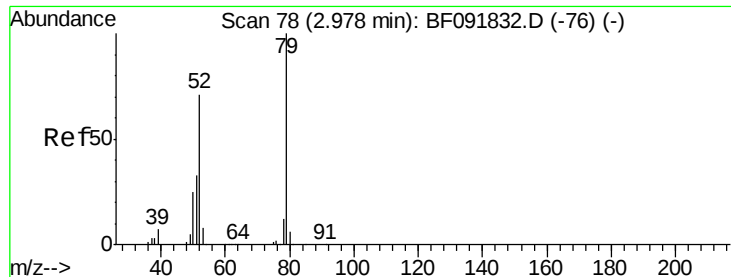


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

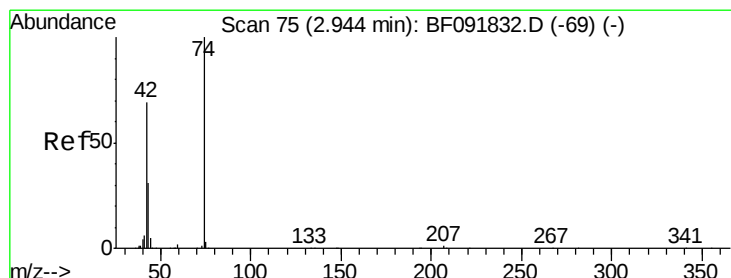
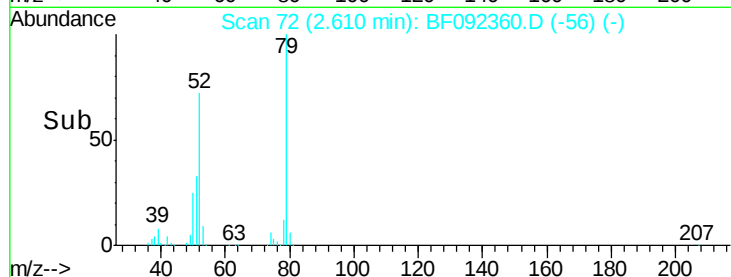
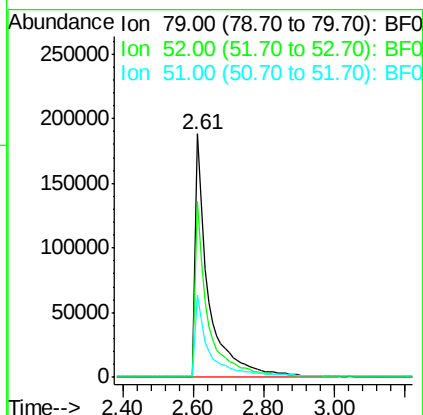
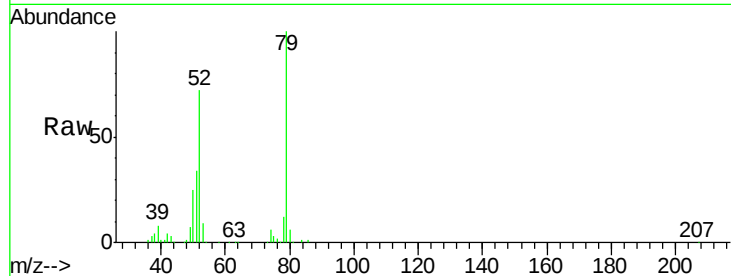




#3
 Pyridine
 Concen: 9.03 ng
 RT: 2.61 min Scan# 72
 Delta R.T. -0.12 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

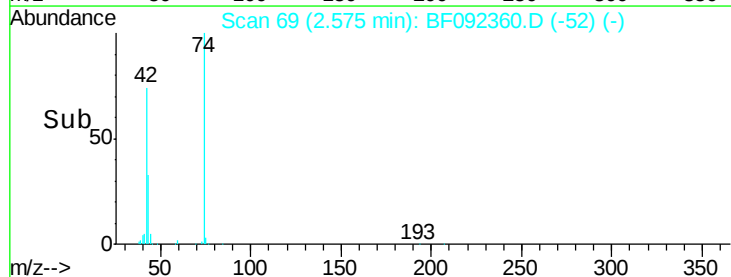
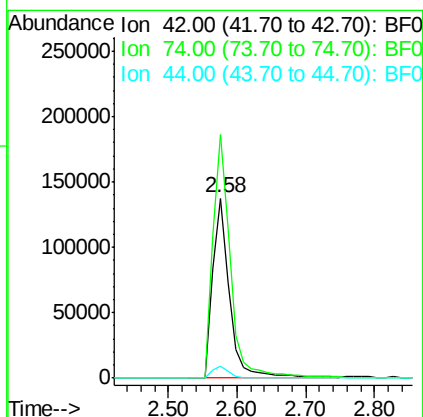
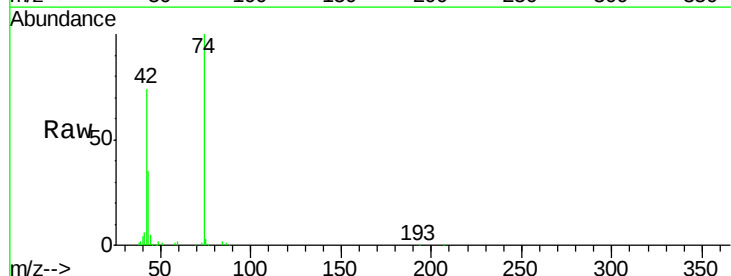
Instrument :
 BNA_F
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 MH-0-12FT-COMPMSD

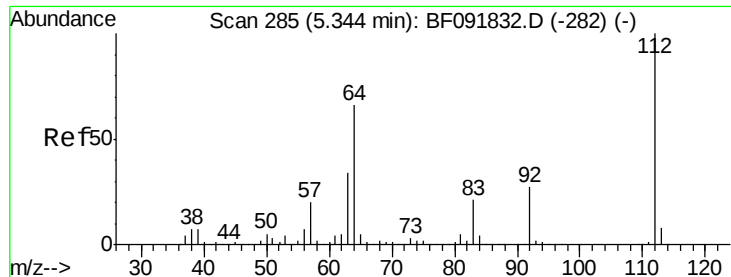
Tgt Ion: 79 Resp: 495974
 Ion Ratio Lower Upper
 79 100
 52 72.3 57.1 85.7
 51 33.6 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 11.65 ng
 RT: 2.58 min Scan# 69
 Delta R.T. -0.11 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





#5

2-Fluorophenol

Concen: 39.51 ng

RT: 5.14 min Scan# 293

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

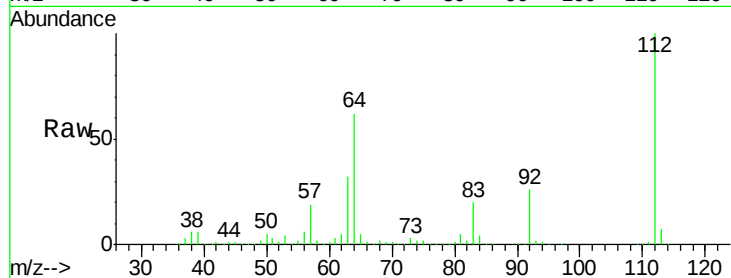
Tgt Ion: 112 Resp: 1263203

Ion Ratio Lower Upper

112 100

64 62.1 46.1 69.1

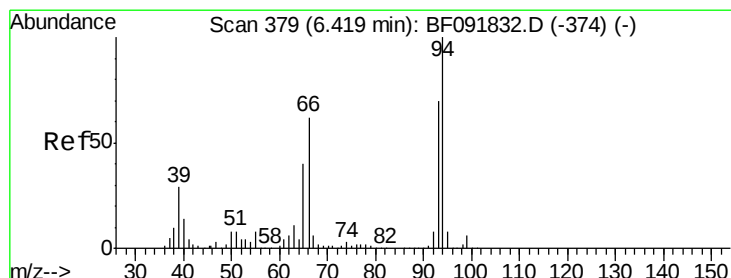
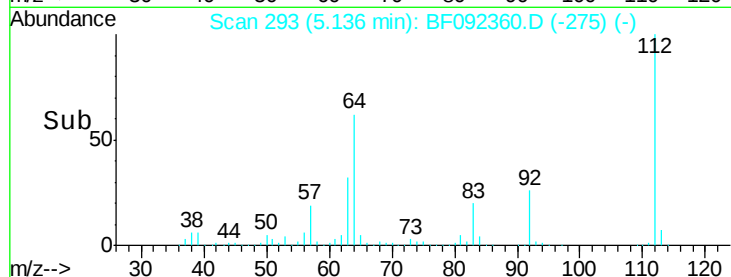
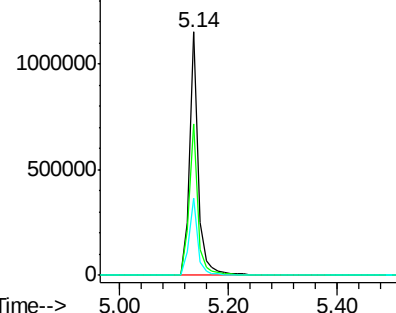
63 31.9 23.8 35.6



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: 9.83 ng

RT: 6.29 min Scan# 394

Delta R.T. -0.02 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

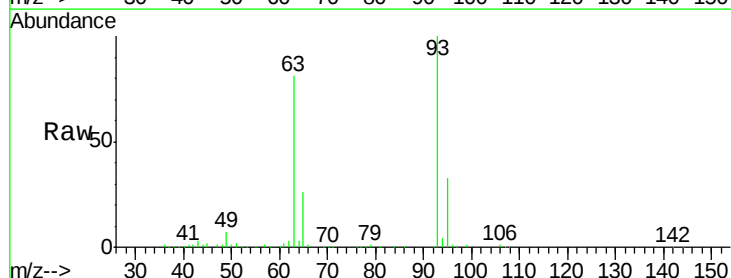
Tgt Ion: 93 Resp: 498394

Ion Ratio Lower Upper

93 100

66 0.8 76.2 114.2#

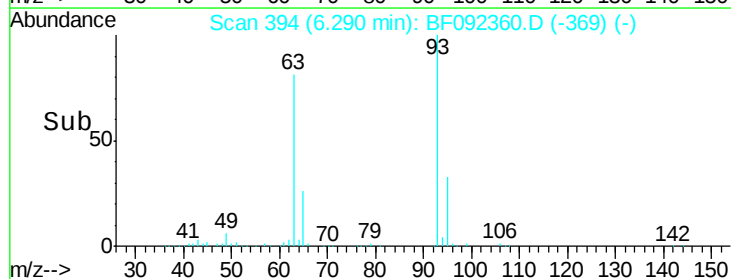
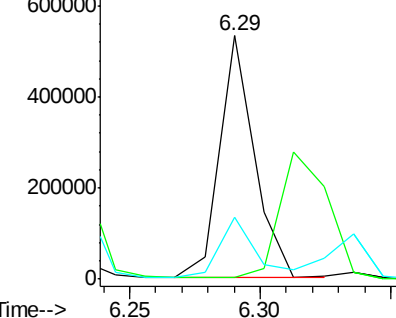
65 25.6 49.3 73.9#

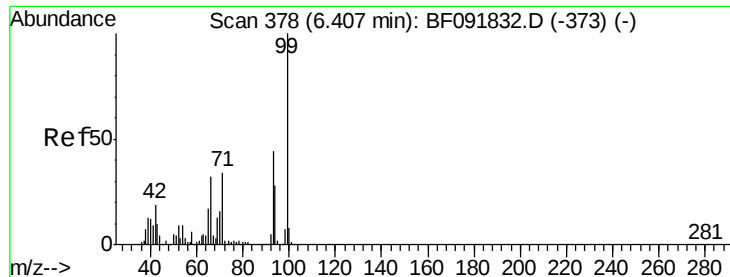


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 43.94 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

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ClientSampleId :

MH-0-12FT-COMPMSD

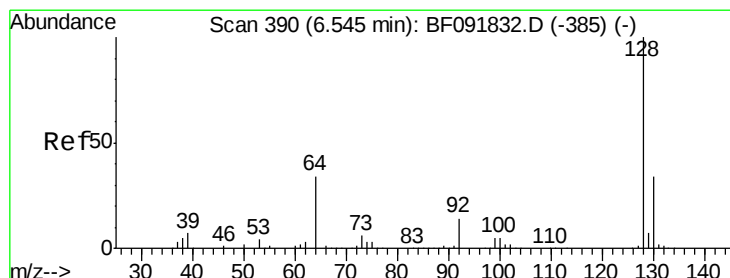
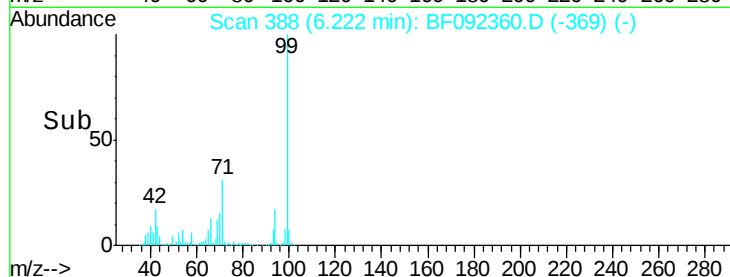
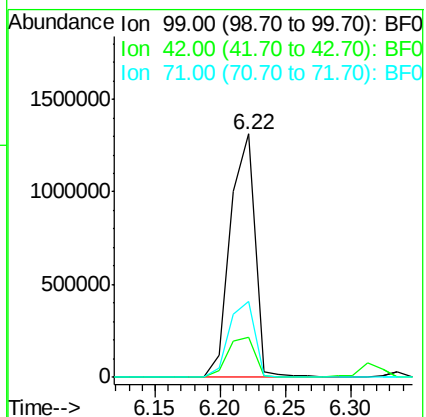
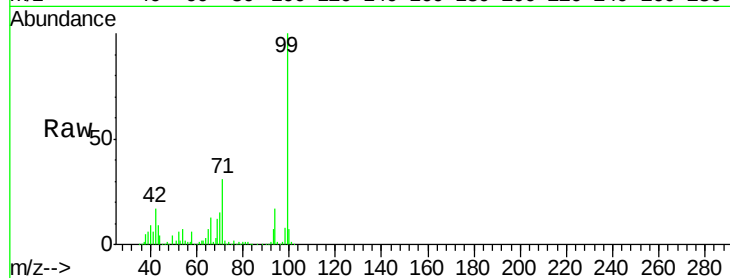
Tgt Ion: 99 Resp: 1715034

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

71 31.4 27.5 41.3



#8

2-Chlorophenol

Concen: 14.02 ng

RT: 6.34 min Scan# 398

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

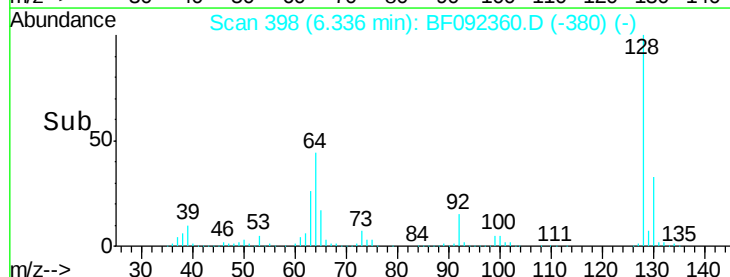
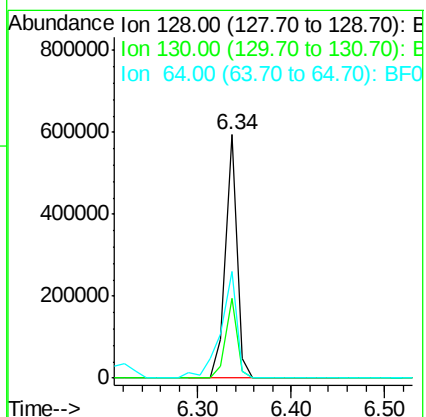
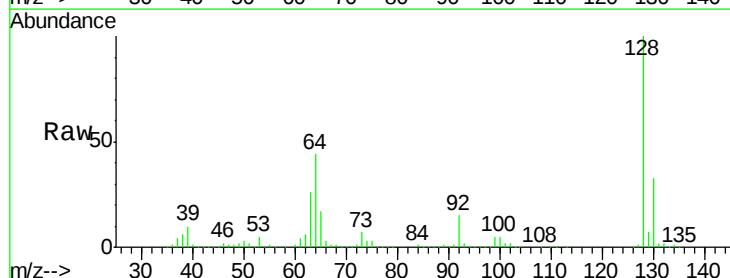
Tgt Ion: 128 Resp: 509791

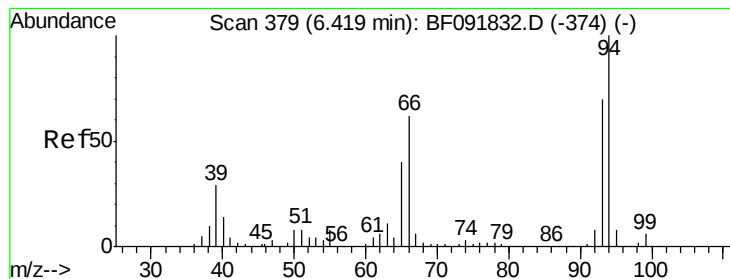
Ion Ratio Lower Upper

128 100

130 33.0 12.3 52.3

64 43.8 32.2 72.2





#10

Phenol

Concen: 16.09 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.09 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

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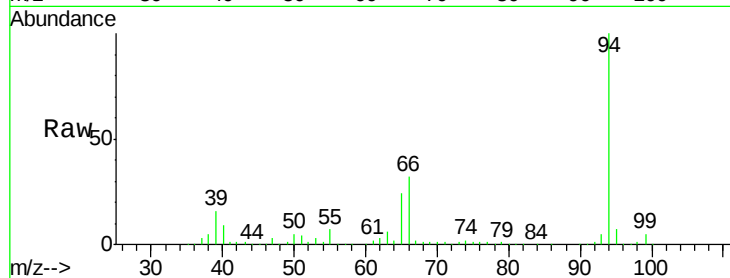
Tgt Ion: 94 Resp: 715744

Ion Ratio Lower Upper

94 100

65 24.1 21.4 61.4

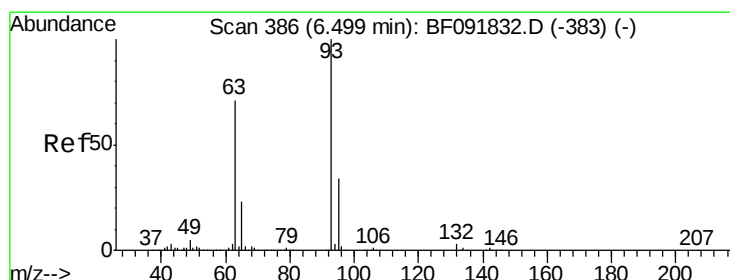
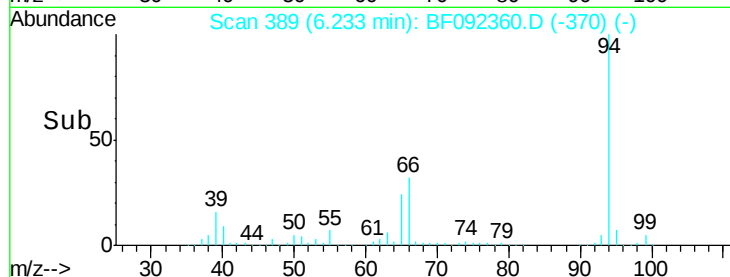
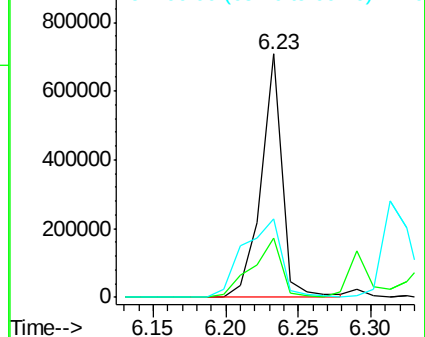
66 32.0 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 14.08 ng

RT: 6.29 min Scan# 394

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

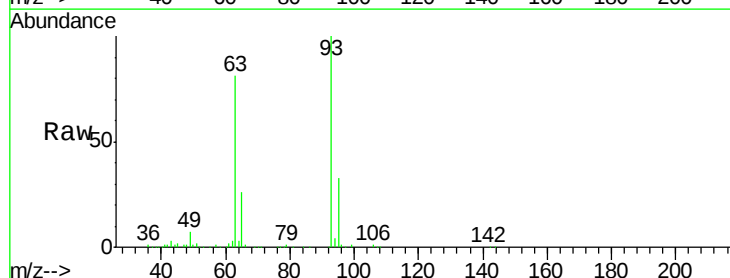
Tgt Ion: 93 Resp: 498394

Ion Ratio Lower Upper

93 100

63 80.9 60.4 100.4

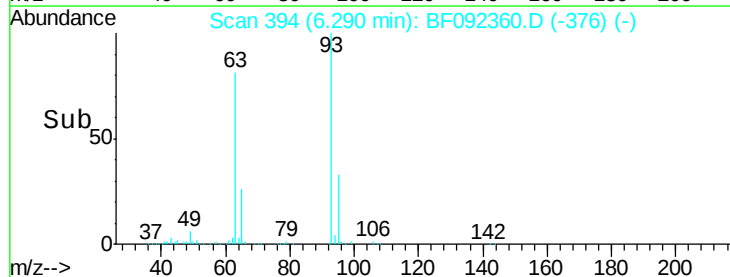
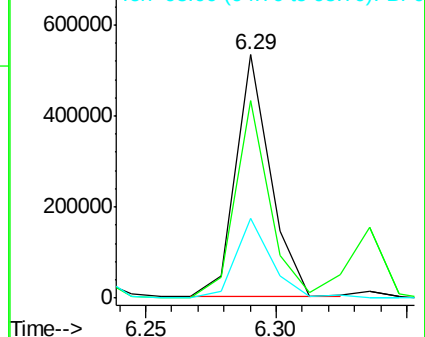
95 32.8 12.8 52.8

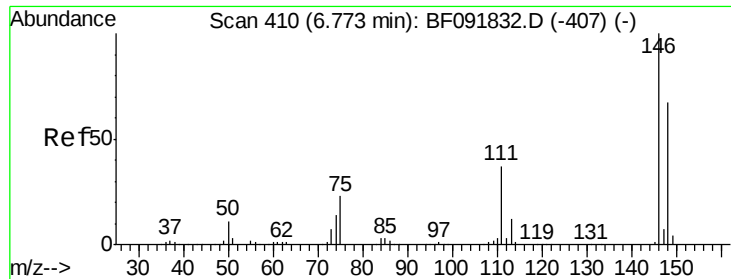


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

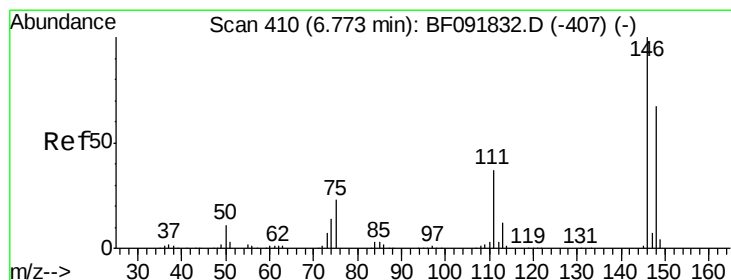
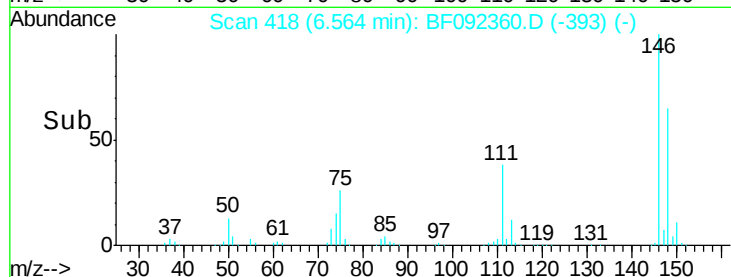
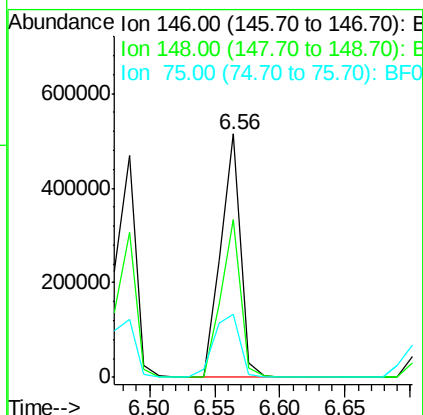
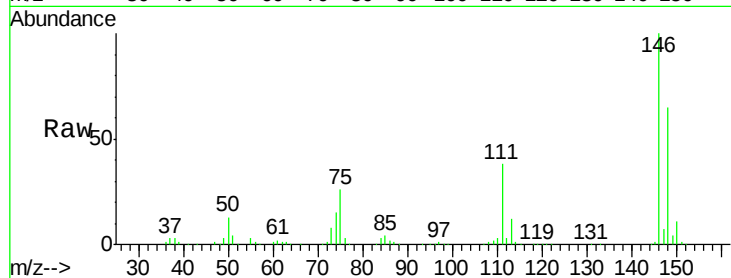




#12
 1,3-Dichlorobenzene
 Concen: 14.15 ng
 RT: 6.56 min Scan# 418
 Delta R.T. -0.02 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

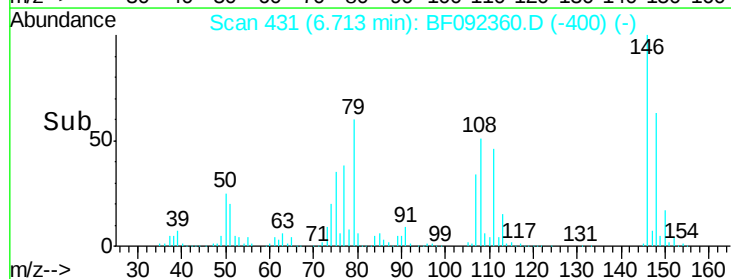
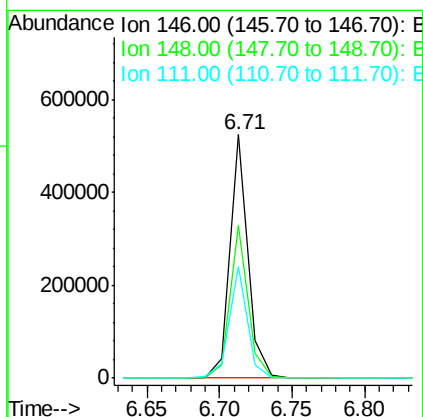
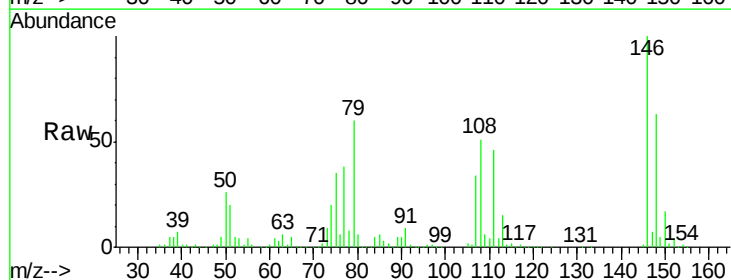
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

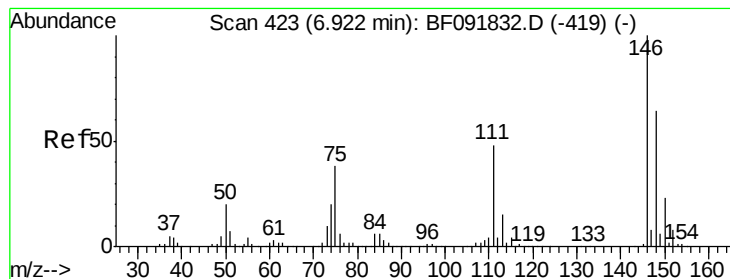
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.4	80.0
75	25.9	18.5	27.7



#13
 1,4-Dichlorobenzene
 Concen: 11.39 ng
 RT: 6.71 min Scan# 431
 Delta R.T. 0.05 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	76.0
111	45.9	36.2	54.4





#14

1,2-Dichlorobenzene

Concen: 13.13 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

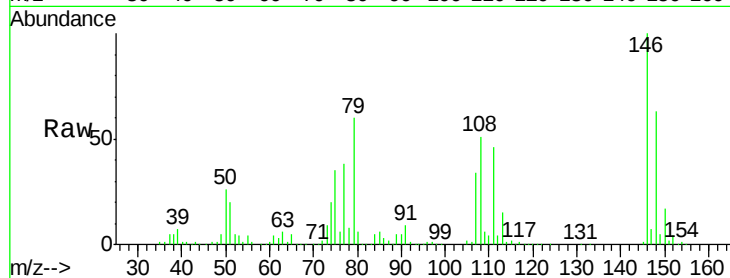
Tgt Ion:146 Resp: 450094

Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.2

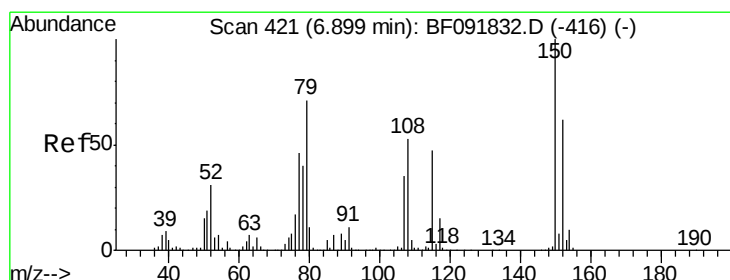
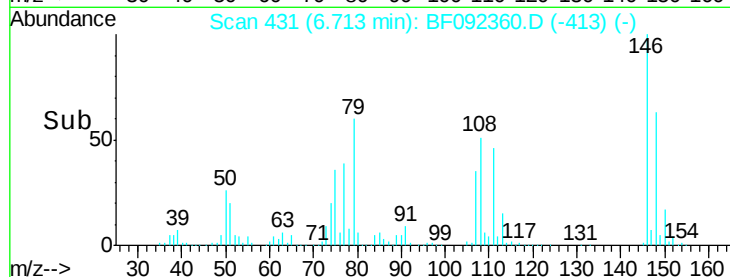
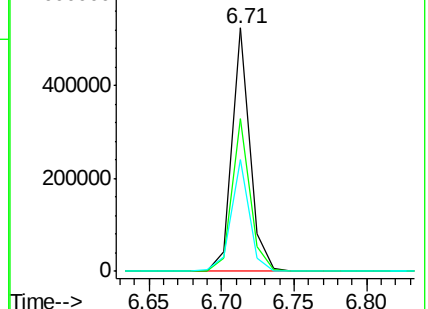
111 45.9 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 13.31 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.09 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

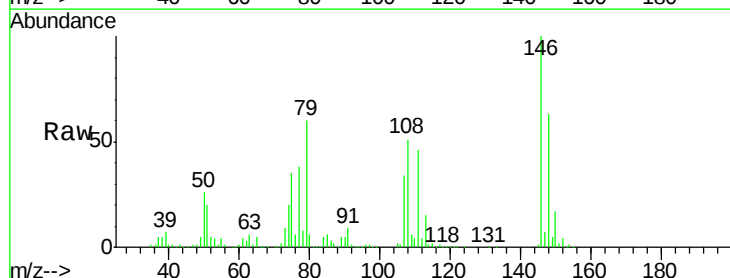
Tgt Ion: 79 Resp: 403658

Ion Ratio Lower Upper

79 100

108 84.1 61.4 92.0

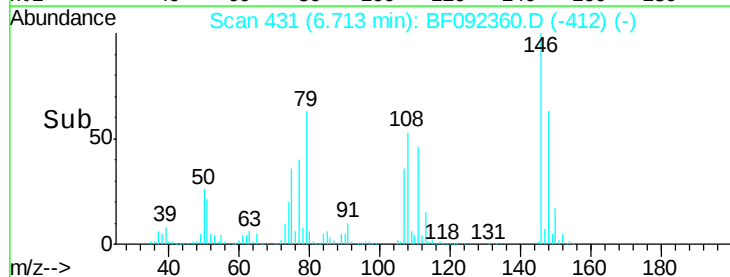
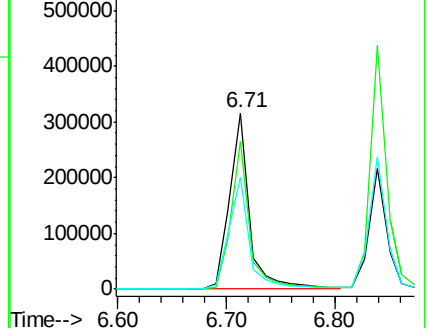
77 63.7 50.9 76.3

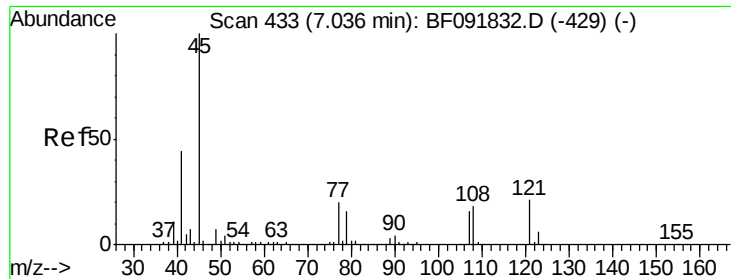


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

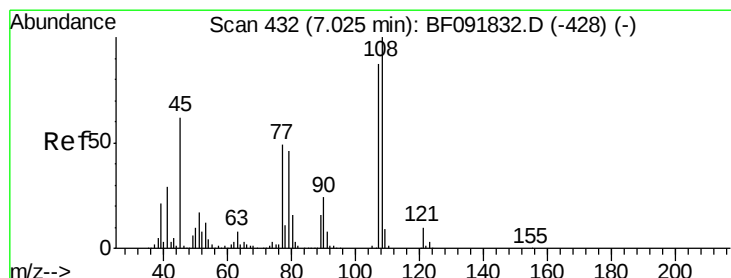
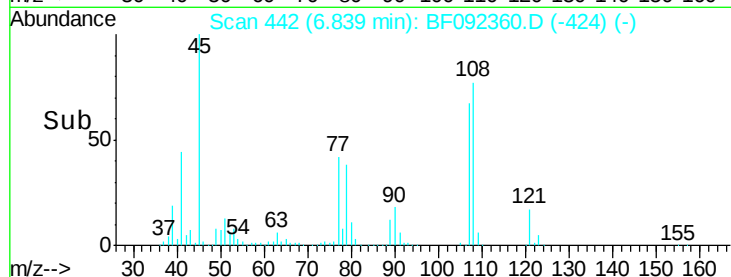
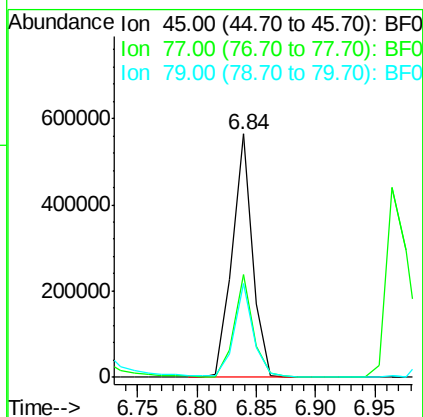
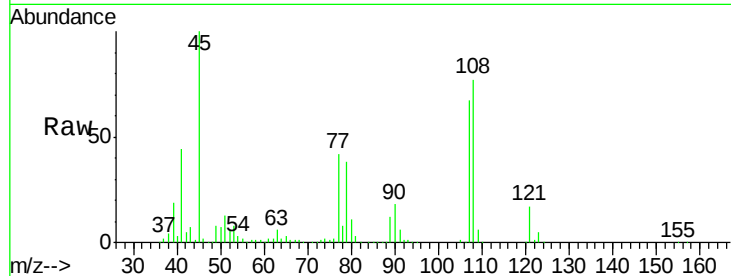




#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.64 ng
RT: 6.84 min Scan# 442
Delta R.T. -0.10 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

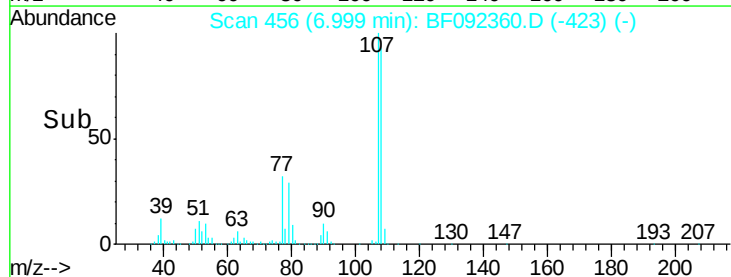
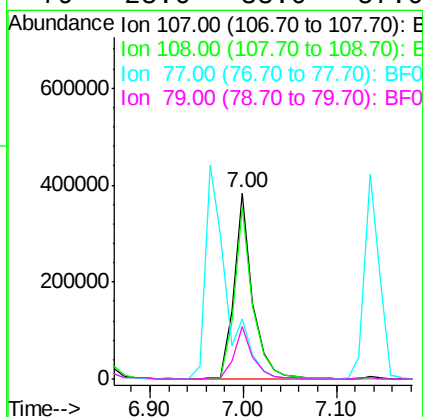
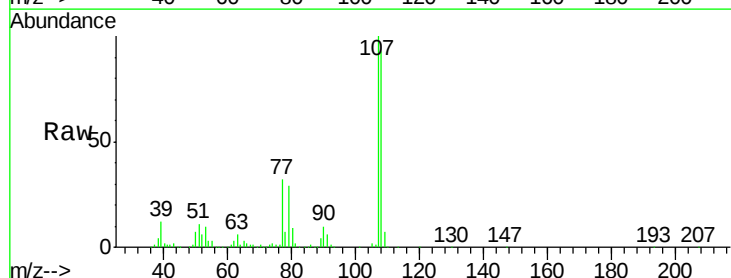
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

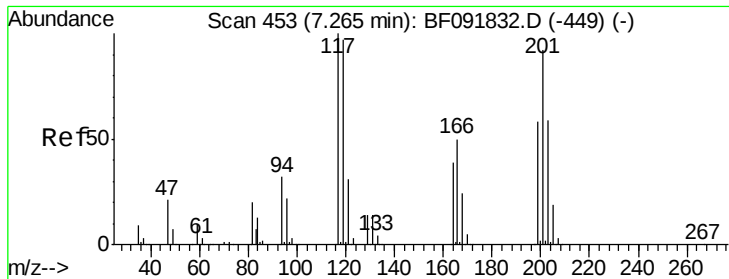
Tgt Ion: 45 Resp: 666238
Ion Ratio Lower Upper
45 100
77 42.3 0.0 34.6#
79 38.4 0.0 31.2#



#17
2-Methylphenol
Concen: 18.03 ng
RT: 7.00 min Scan# 456
Delta R.T. 0.07 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 93.0 139.6#
77 32.1 39.8 59.8#
79 28.6 38.0 57.0#





#18

Hexachloroethane

Concen: 12.35 ng

RT: 7.06 min Scan# 461

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

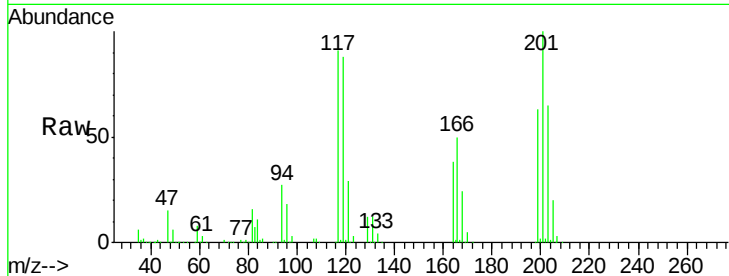
Tgt Ion: 117 Resp: 180926

Ion Ratio Lower Upper

117 100

119 96.4 78.1 117.1

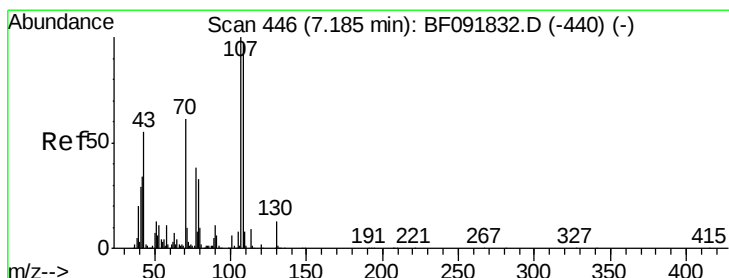
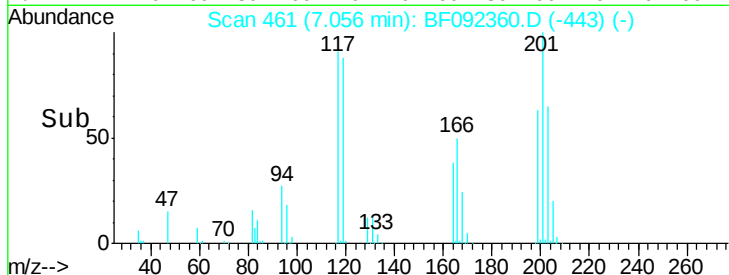
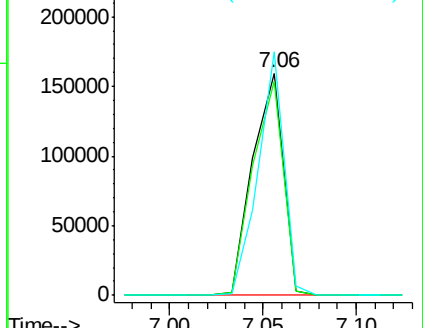
201 109.5 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 13.54 ng

RT: 6.98 min Scan# 454

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Tgt Ion: 70 Resp: 351539

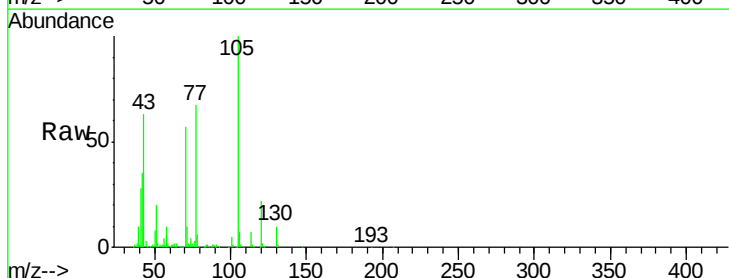
Ion Ratio Lower Upper

70 100

42 61.2 49.4 74.0

101 8.4 7.4 11.2

130 17.0 14.2 21.4

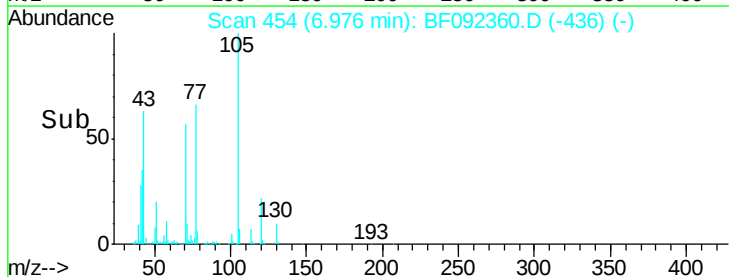
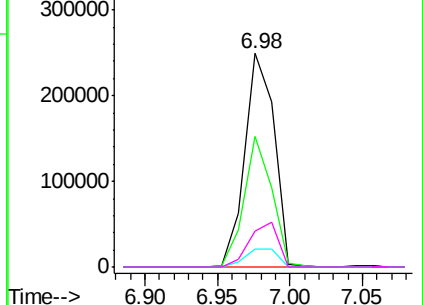


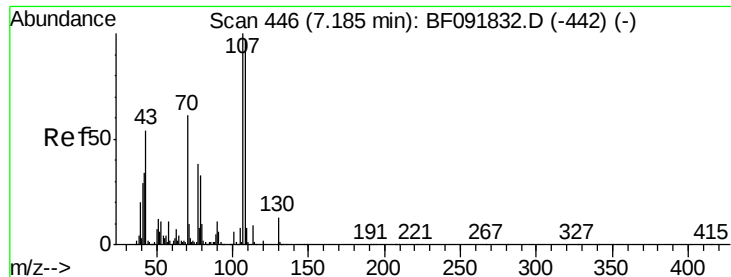
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

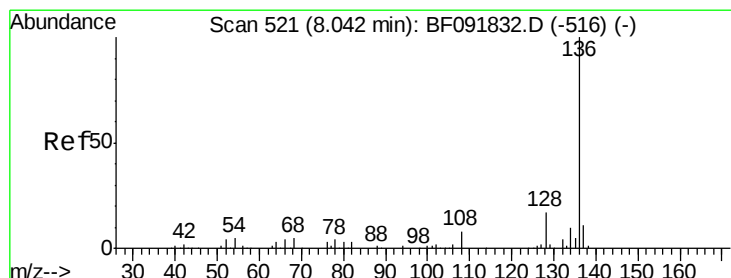
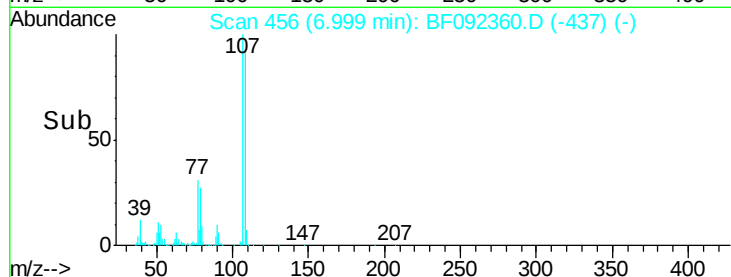
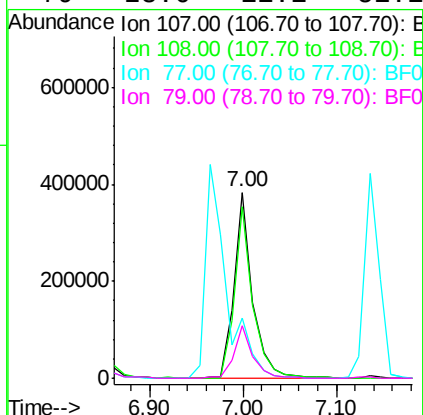
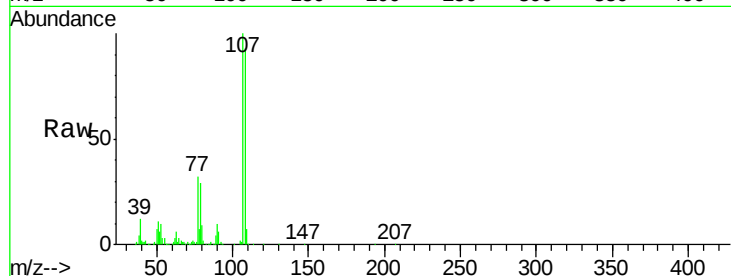




#20
3+4-Methylphenols
Concen: 15.11 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.09 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

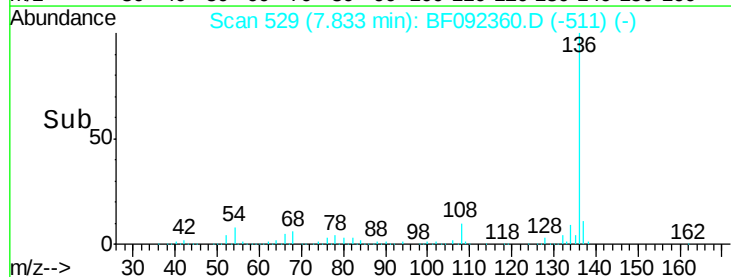
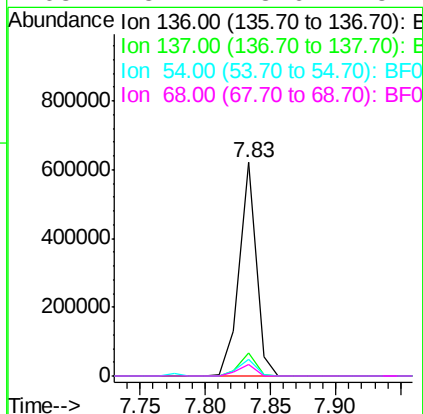
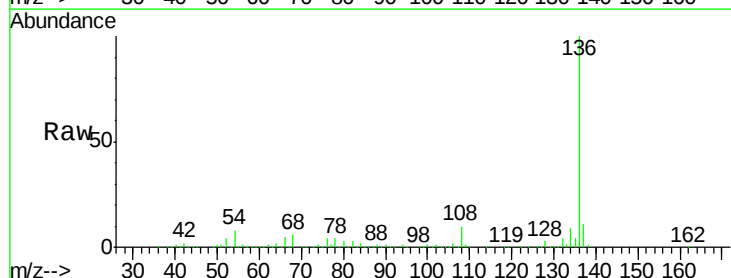
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

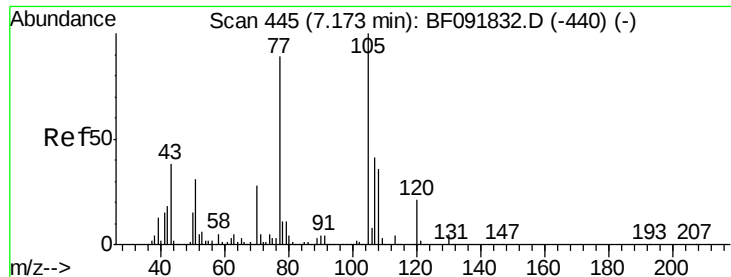
Tgt Ion:	107	Resp:	527200
Ion	Ratio	Lower	Upper
107	100		
108	92.5	73.0	113.0
77	32.1	71.3	111.3#
79	28.6	11.1	51.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 529
Delta R.T. -0.10 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tgt Ion:105 Resp: 724696

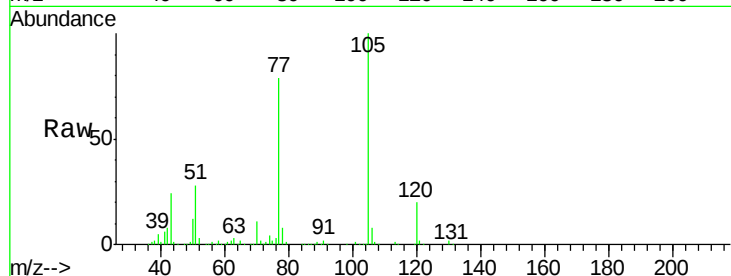
Ion Ratio Lower Upper

105 100

71 1.8 3.2 4.8#

51 28.1 26.2 39.4

120 20.3 16.6 24.8



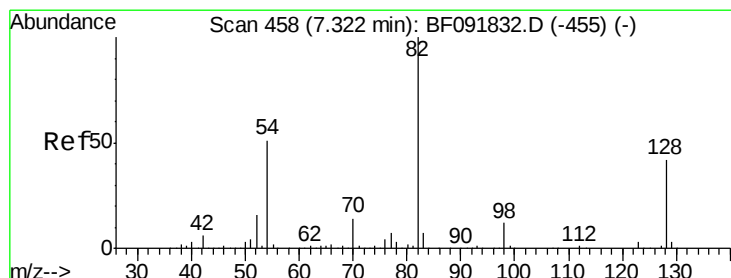
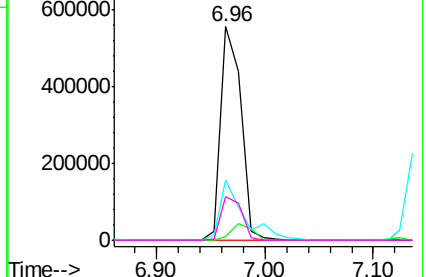
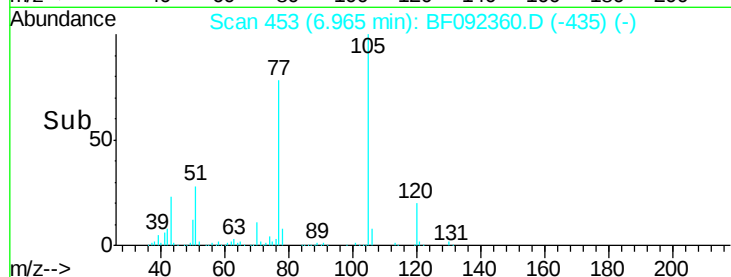
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 100.13 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.09 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

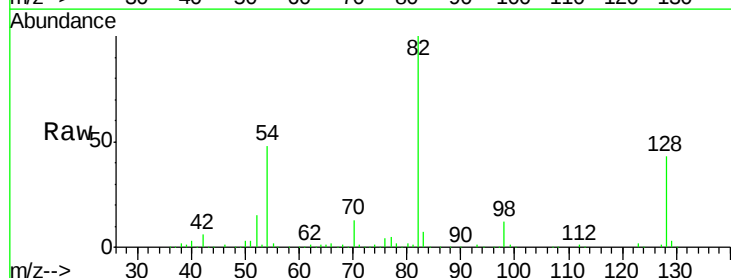
Tgt Ion: 82 Resp: 1003679

Ion Ratio Lower Upper

82 100

128 43.4 34.6 52.0

54 48.4 39.5 59.3

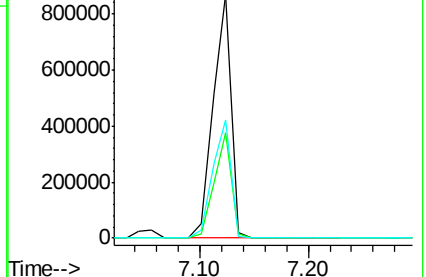
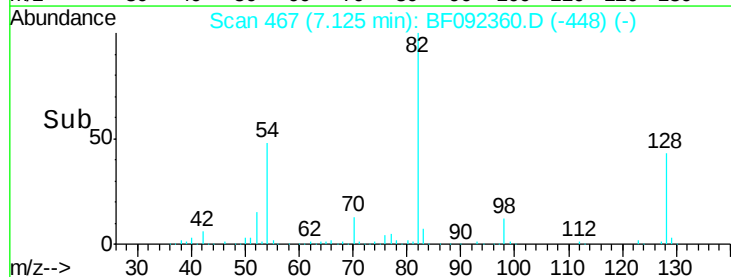


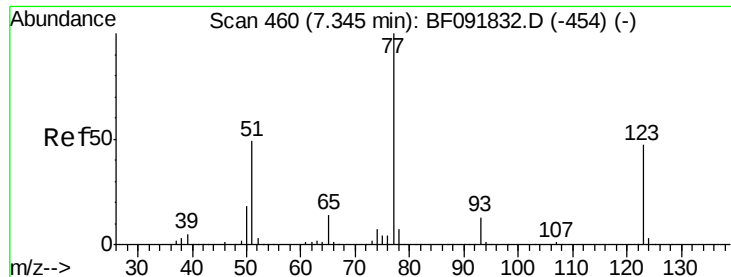
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->

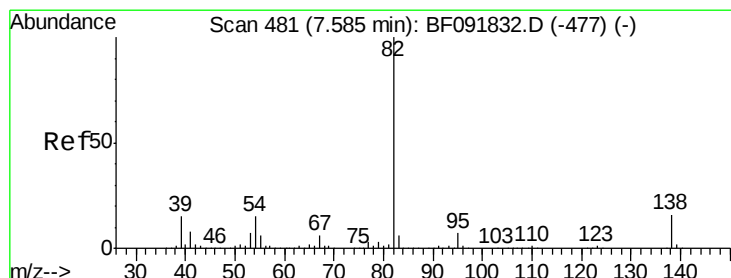
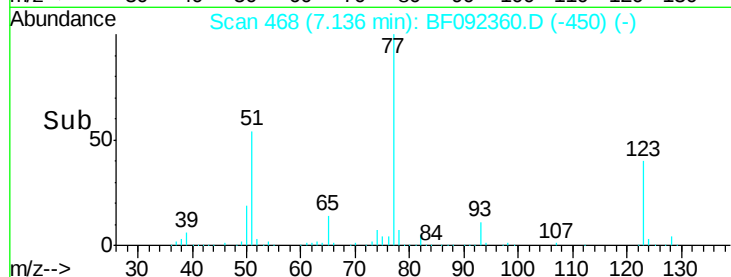
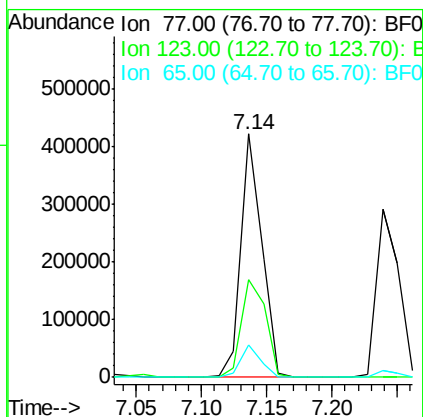
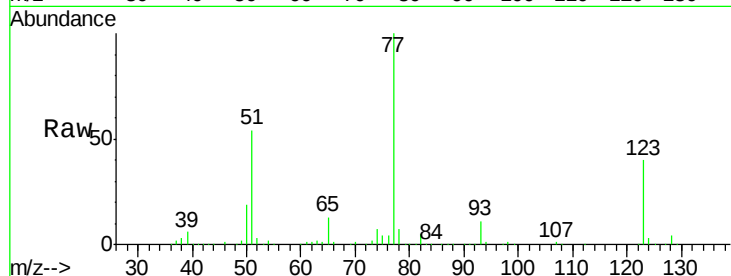




#24
Nitrobenzene
Concen: 43.84 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.10 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

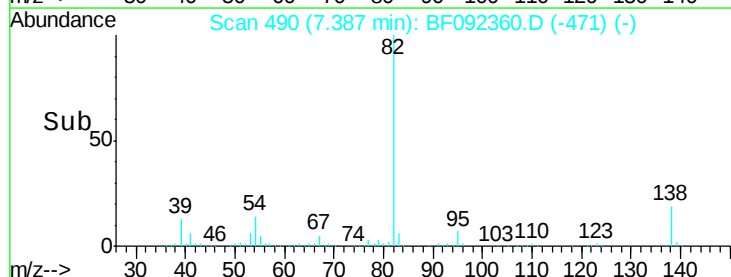
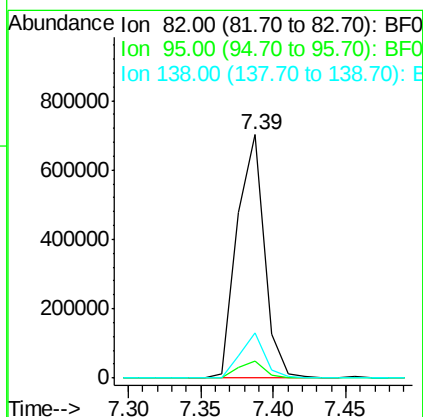
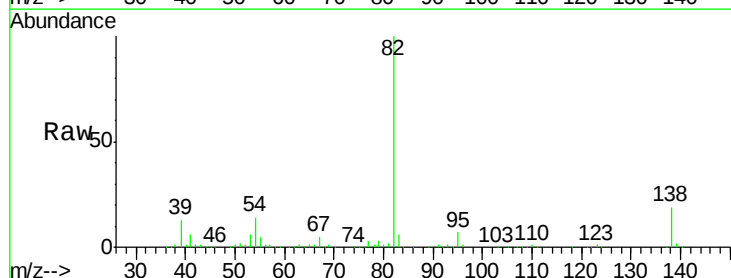
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

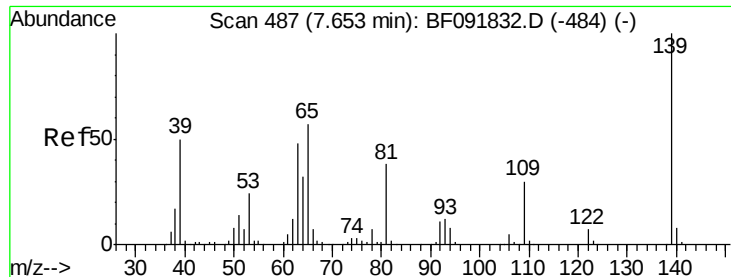
Tgt Ion: 77 Resp: 467971
Ion Ratio Lower Upper
77 100
123 40.3 33.0 49.4
65 13.5 11.2 16.8



#25
Isophorone
Concen: 49.60 ng
RT: 7.39 min Scan# 490
Delta R.T. -0.09 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

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

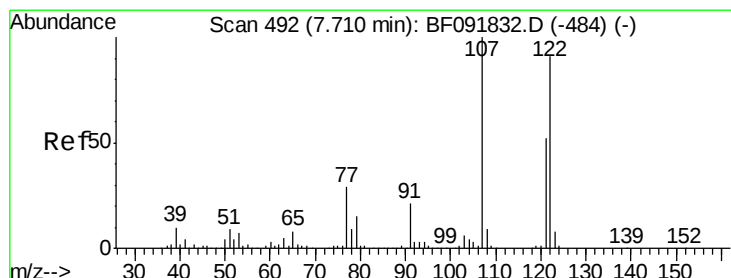
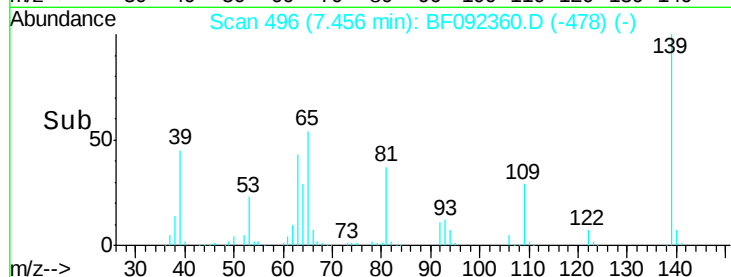
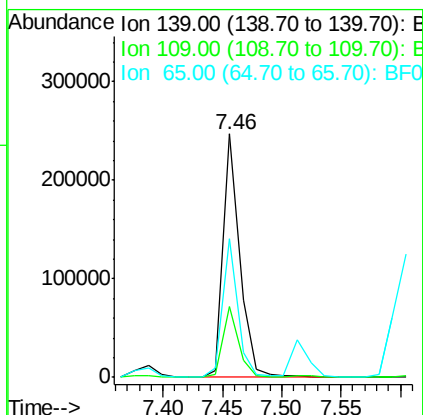
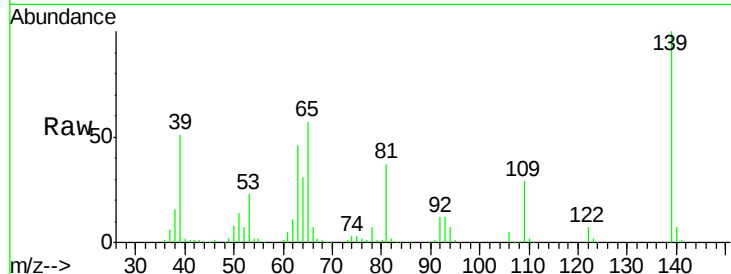




#26
2-Nitrophenol
Concen: 45.10 ng
RT: 7.46 min Scan# 496
Delta R.T. -0.10 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

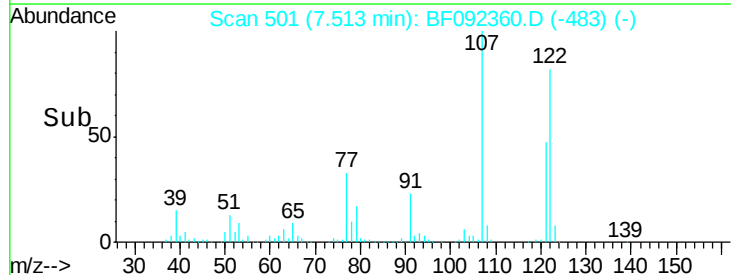
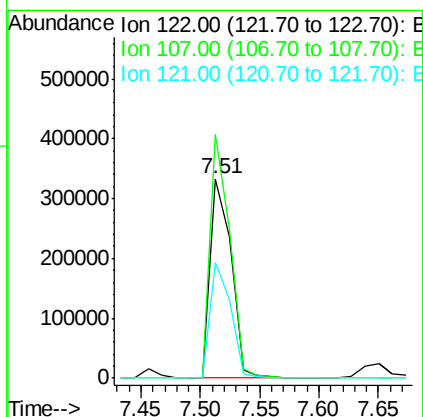
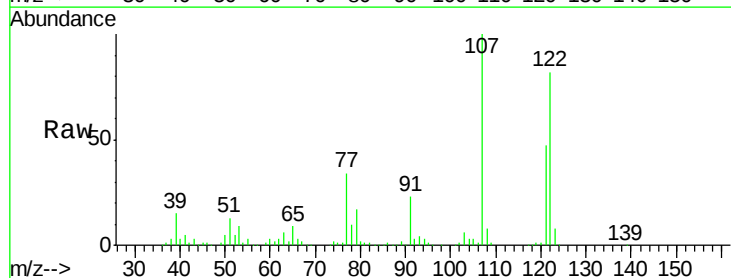
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

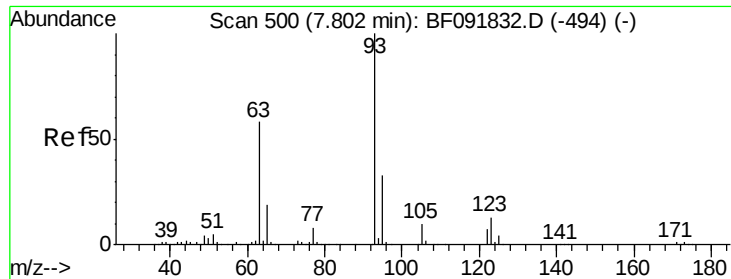
Tgt Ion:139 Resp: 237431
Ion Ratio Lower Upper
139 100
109 28.9 23.3 34.9
65 57.1 42.7 64.1



#27
2,4-Dimethylphenol
Concen: 46.78 ng
RT: 7.51 min Scan# 501
Delta R.T. -0.10 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

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

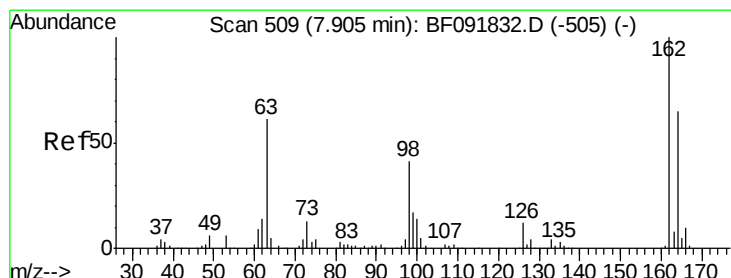
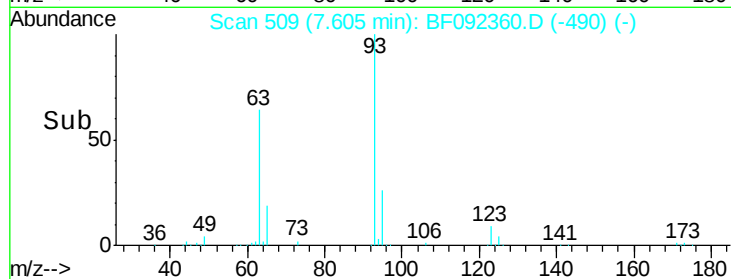
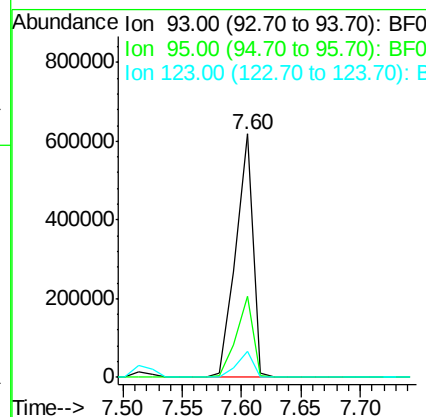
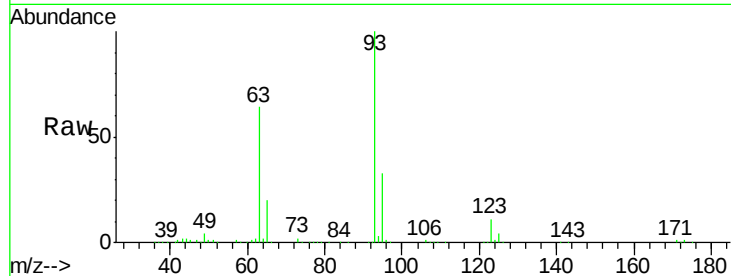




#28
 bis(2-Chloroethoxy)methane
 Concen: 55.77 ng
 RT: 7.60 min Scan# 509
 Delta R.T. -0.09 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

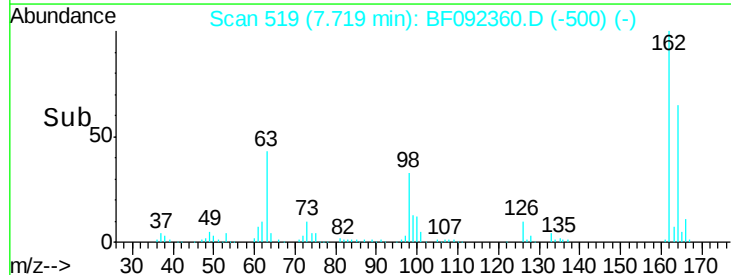
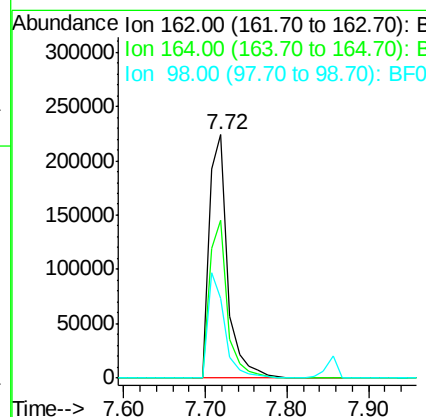
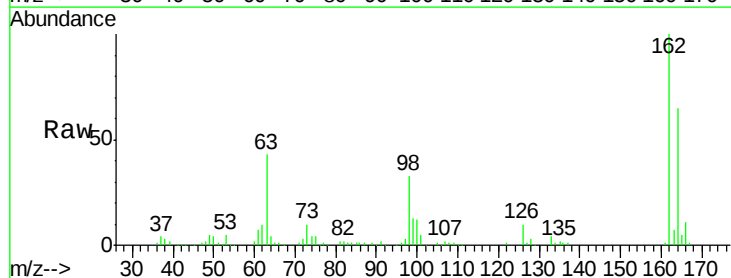
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

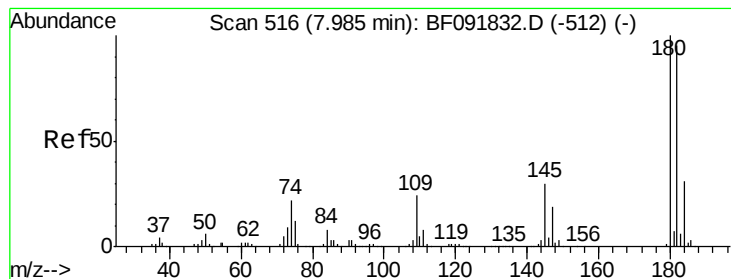
Tgt Ion: 93 Resp: 625428
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 10.9 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 48.16 ng
 RT: 7.72 min Scan# 519
 Delta R.T. -0.09 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

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





#30

1,2,4-Trichlorobenzene

Concen: 45.20 ng

RT: 7.78 min Scan# 524

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

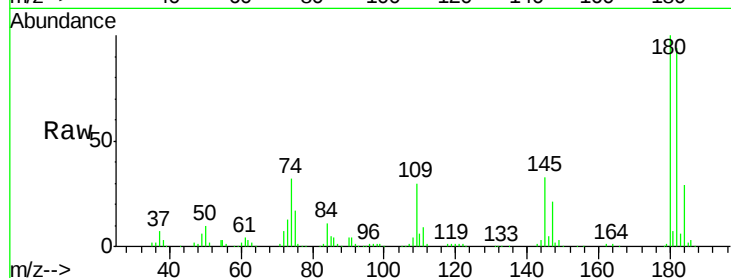
Tgt Ion:180 Resp: 366227

Ion Ratio Lower Upper

180 100

182 94.4 78.2 117.4

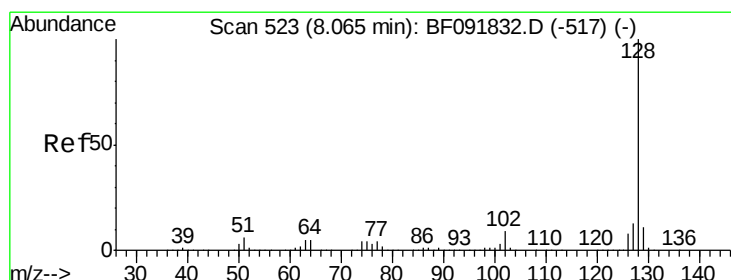
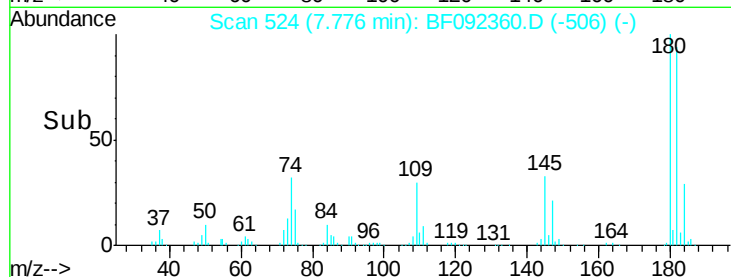
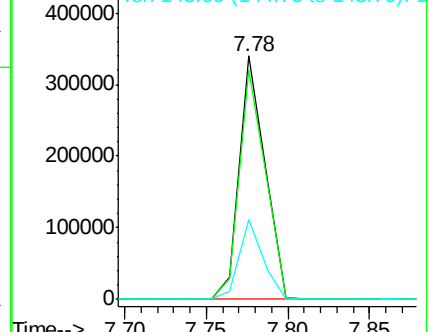
145 32.8 21.6 32.4#



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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

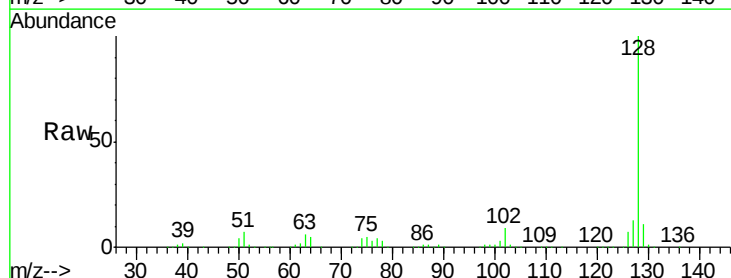
Tgt Ion:128 Resp: 1279899

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

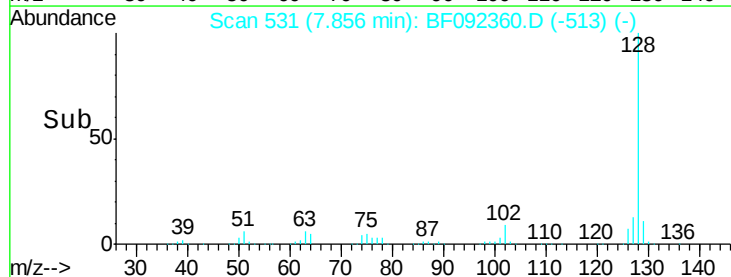
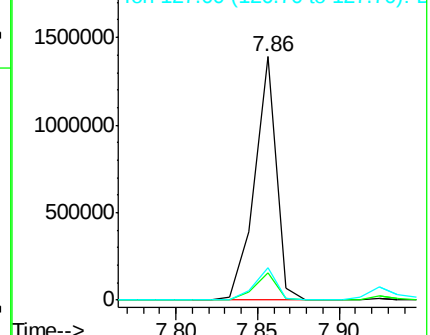
127 13.4 10.8 16.2

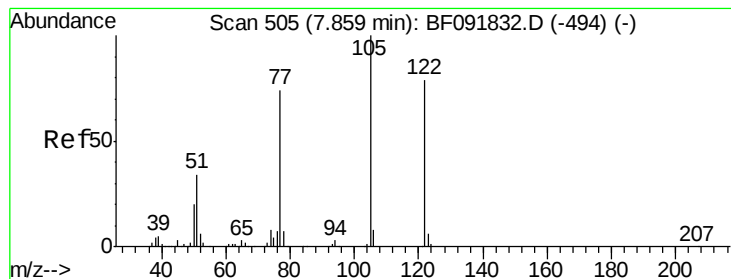


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 6.90 ng

RT: 7.65 min Scan# 513

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

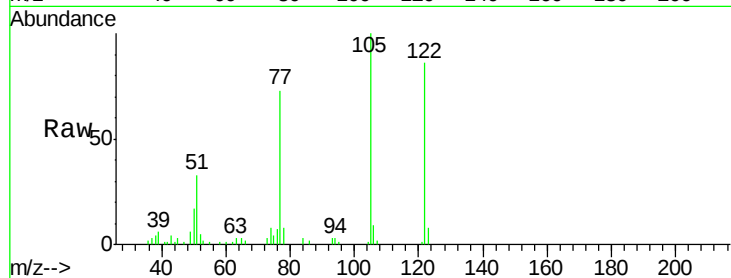
Tgt Ion:122 Resp: 44707

Ion Ratio Lower Upper

122 100

105 116.6 107.2 147.2

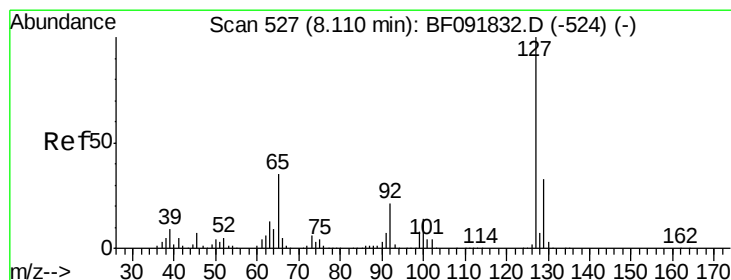
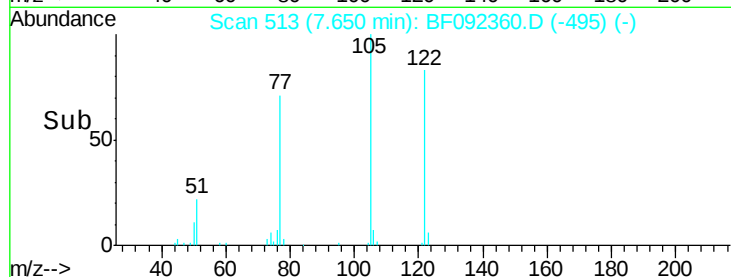
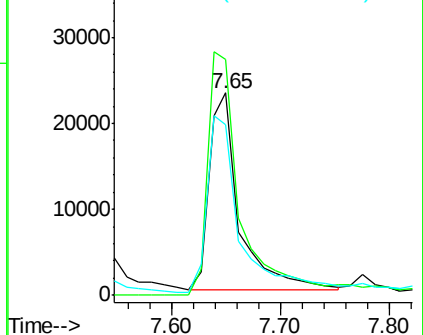
77 84.7 74.5 114.5



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. -0.09 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Tgt Ion:127 Resp: 111492

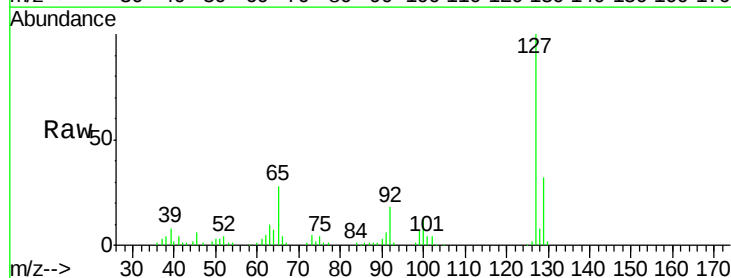
Ion Ratio Lower Upper

127 100

129 31.5 26.3 39.5

65 28.4 25.8 38.8

92 18.0 16.1 24.1

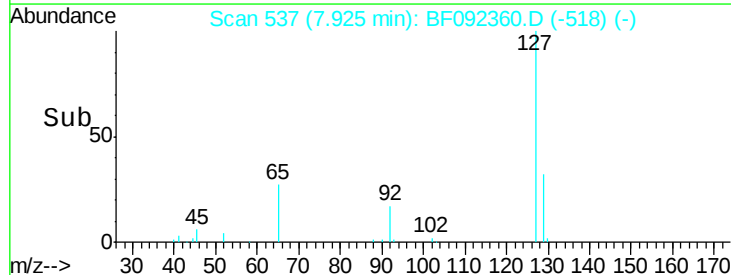
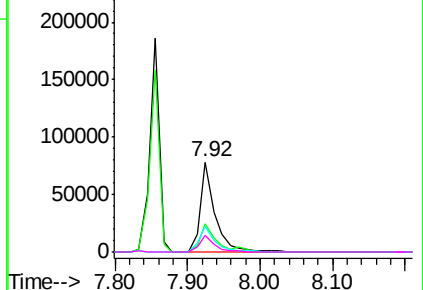


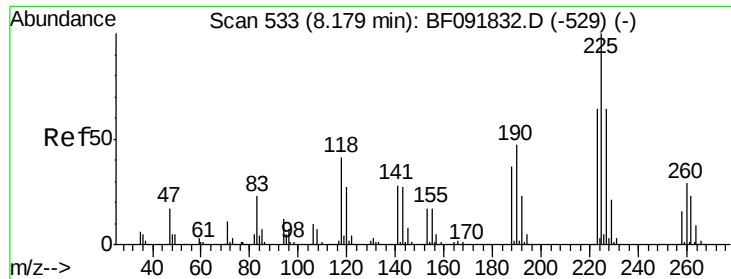
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 47.08 ng

RT: 7.98 min Scan# 542

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

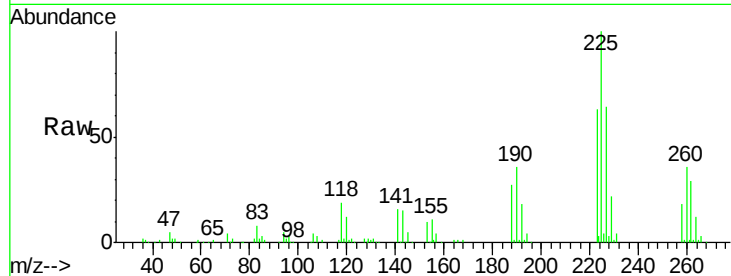
Tgt Ion:225 Resp: 201375

Ion Ratio Lower Upper

225 100

223 62.9 51.0 76.6

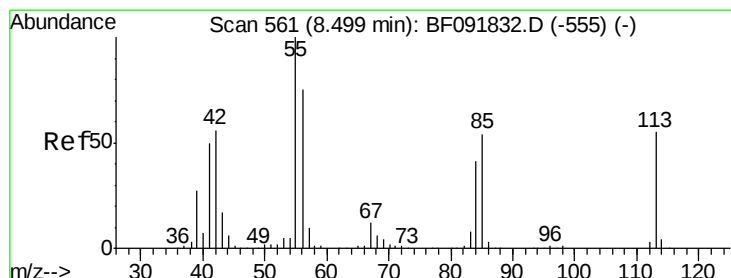
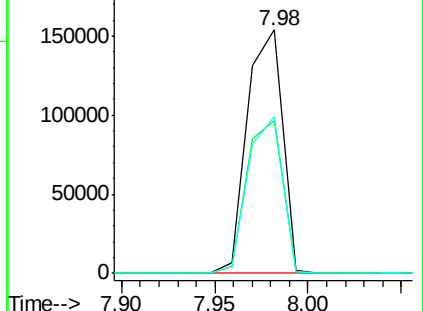
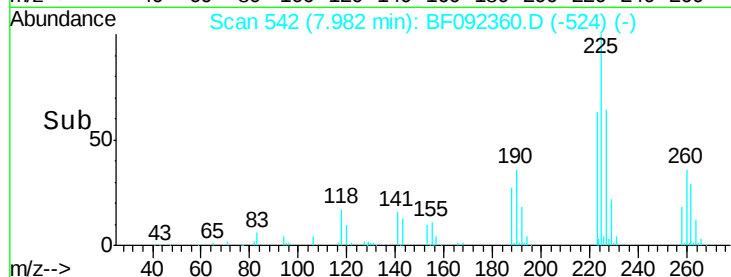
227 64.2 50.6 76.0



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 27.30 ng

RT: 8.29 min Scan# 569

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

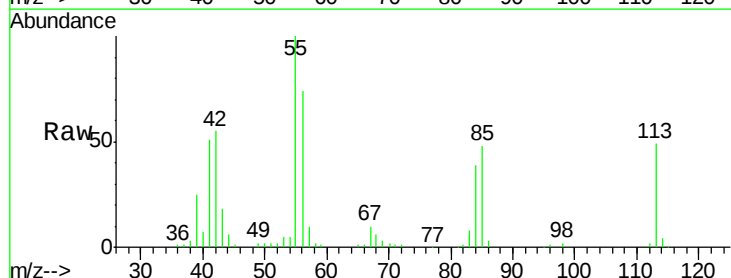
Tgt Ion:113 Resp: 66338

Ion Ratio Lower Upper

113 100

55 202.9 119.2 159.2#

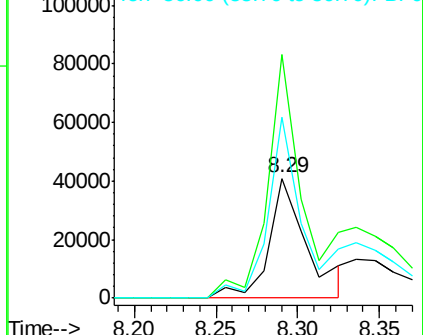
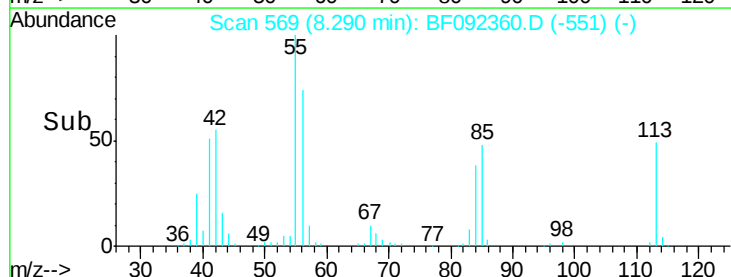
56 151.2 83.8 123.8#

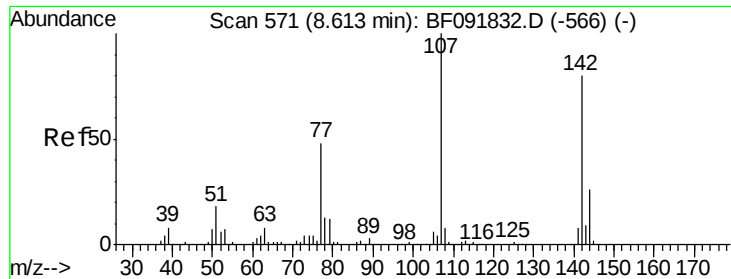


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

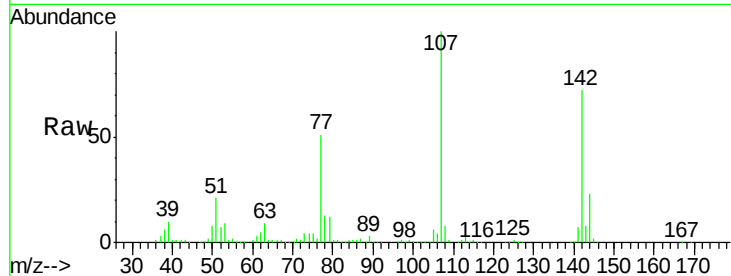




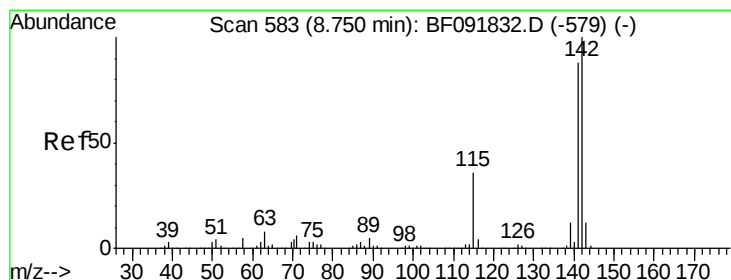
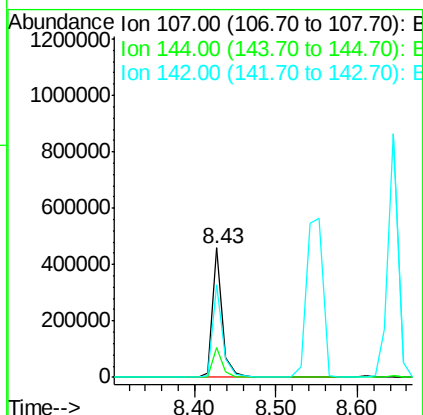
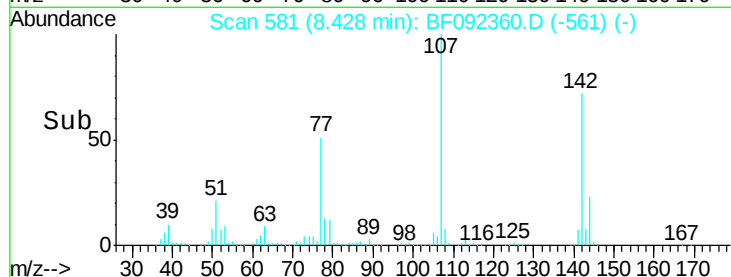
#36
4-Chloro-3-methylphenol
Concen: 46.26 ng
RT: 8.43 min Scan# 581
Delta R.T. -0.08 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

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

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

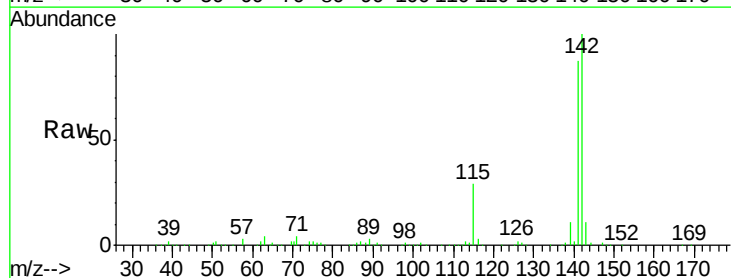


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

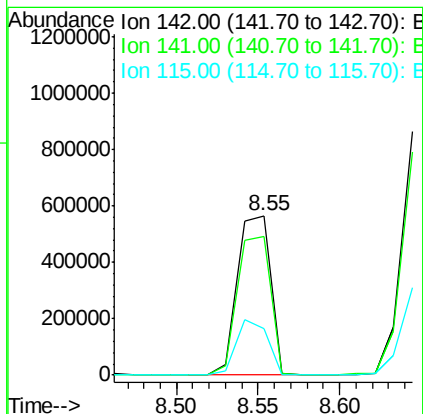
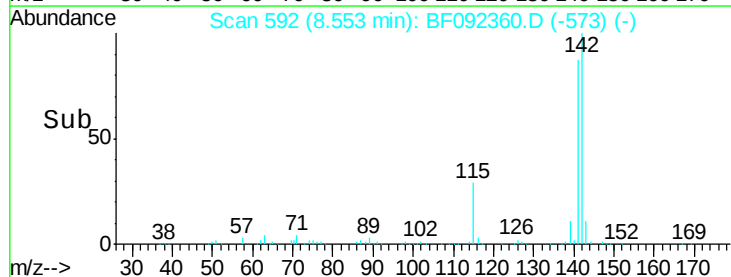


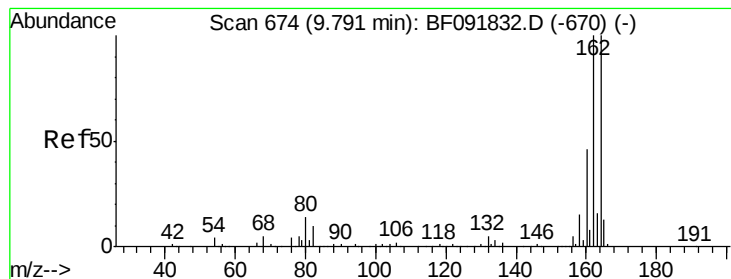
#37
2-Methylnaphthalene
Concen: 56.48 ng
RT: 8.55 min Scan# 592
Delta R.T. -0.09 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

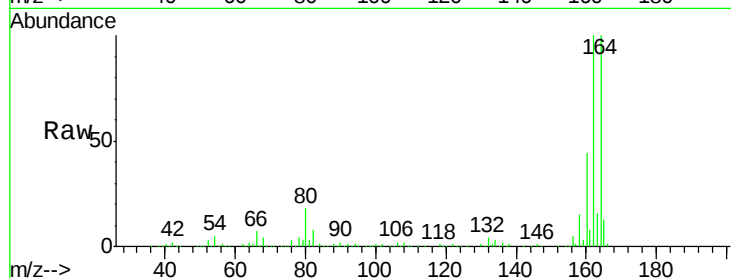
Tgt Ion:164 Resp: 274387

Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.2

160 44.1 36.9 55.3

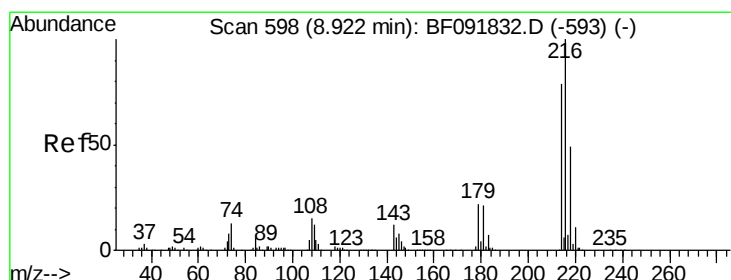
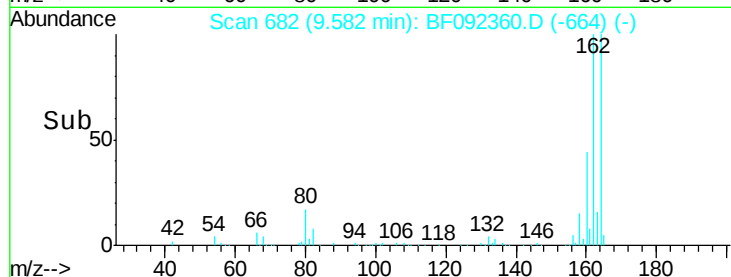
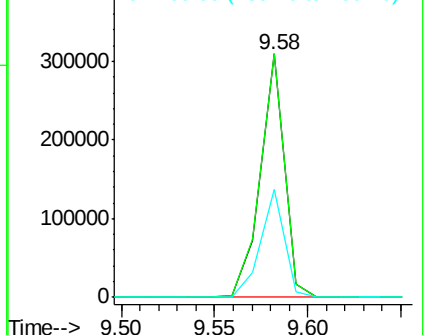


Abundance

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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Tgt Ion:216 Resp: 320352

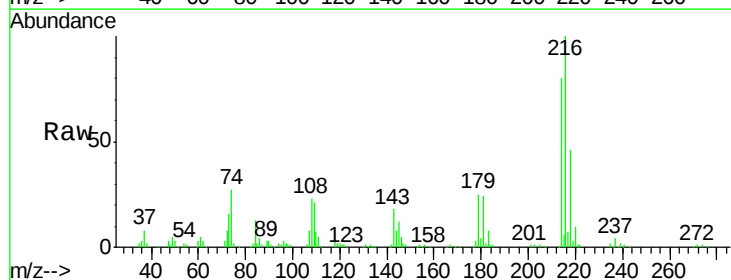
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.0

179 23.1 17.4 26.2

108 22.0 15.6 23.4



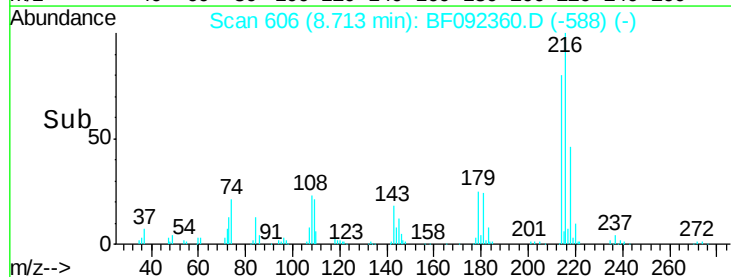
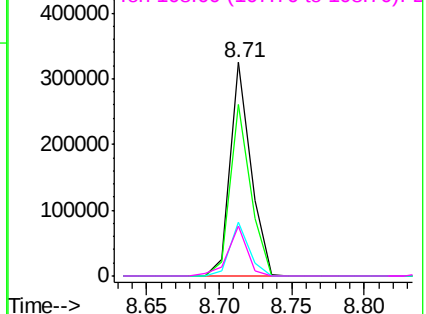
Abundance

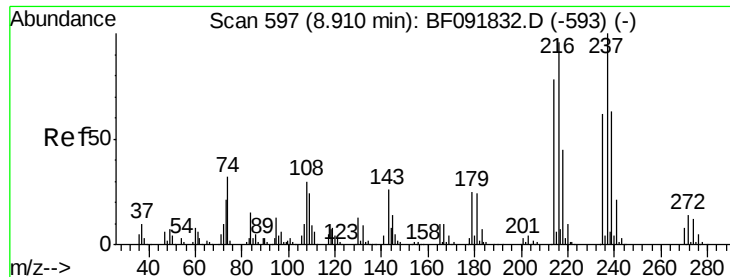
Ion 216.00 (215.70 to 216.70): E

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

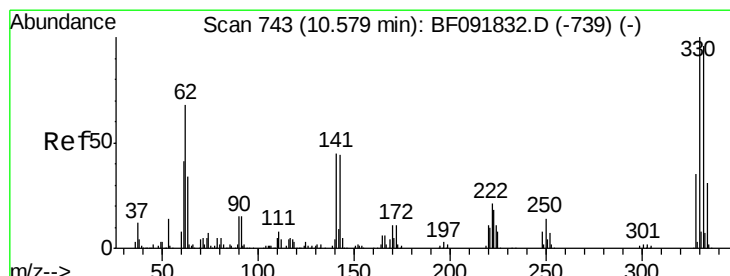
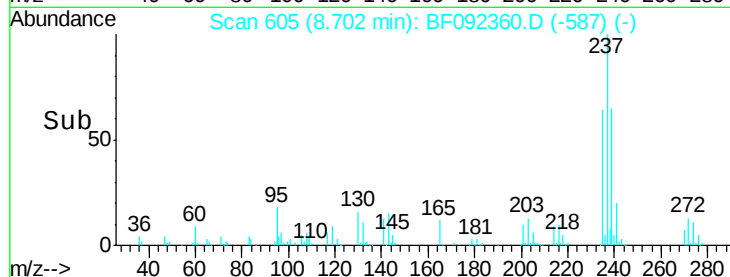
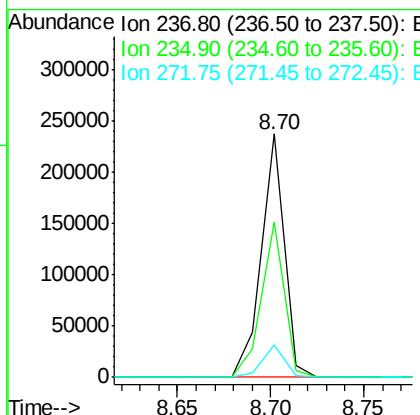
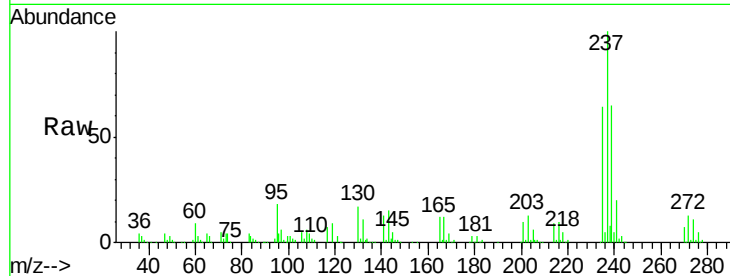




#40
Hexachlorocyclopentadiene
Concen: 65.91 ng
RT: 8.70 min Scan# 605
Delta R.T. -0.10 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

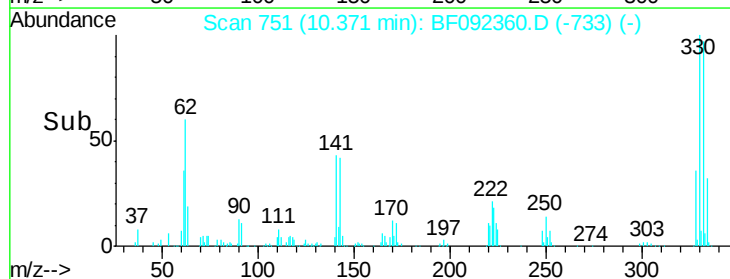
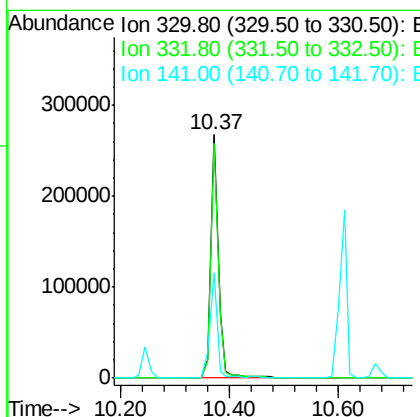
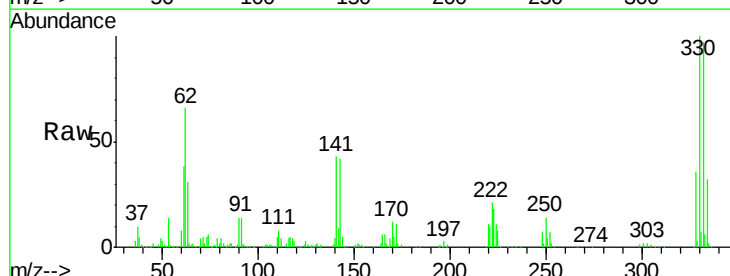
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

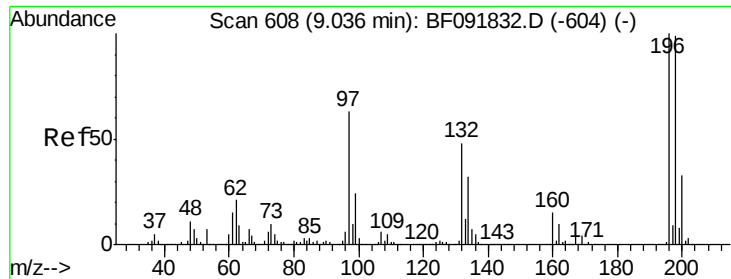
Tgt Ion: 237 Resp: 201224
Ion Ratio Lower Upper
237 100
235 63.6 41.2 81.2
272 13.1 0.0 35.4



#41
2,4,6-Tribromophenol
Concen: 117.79 ng
RT: 10.37 min Scan# 751
Delta R.T. -0.10 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

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

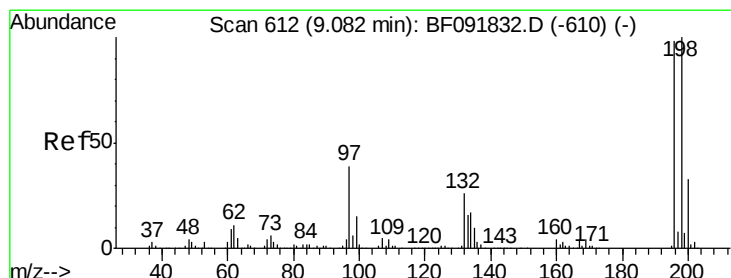
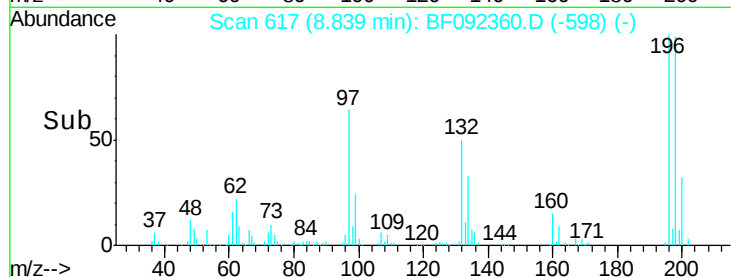
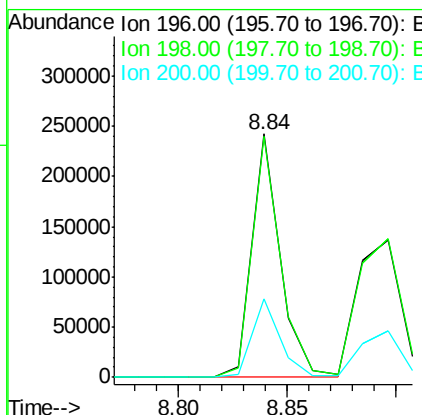
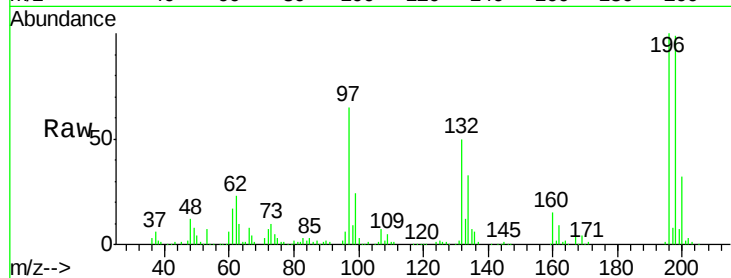




#42
 2,4,6-Trichlorophenol
 Concen: 45.40 ng
 RT: 8.84 min Scan# 617
 Delta R.T. -0.09 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

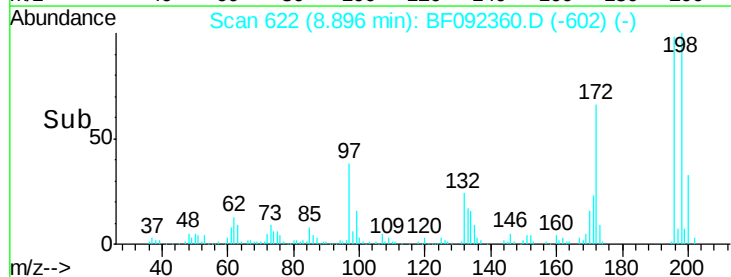
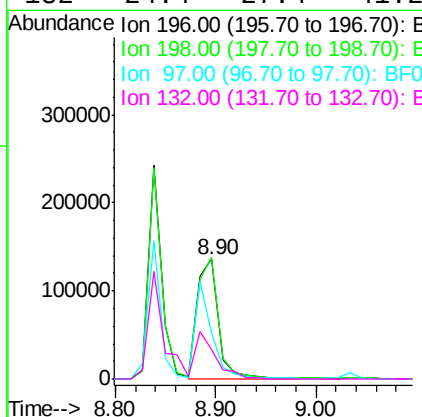
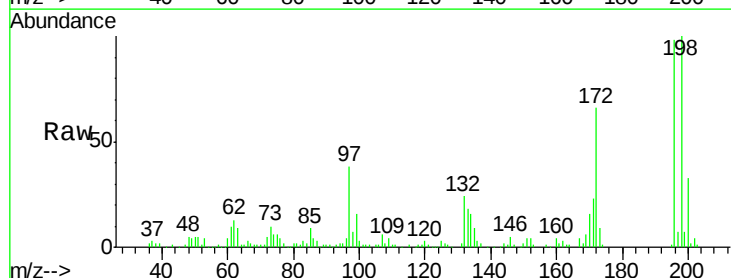
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

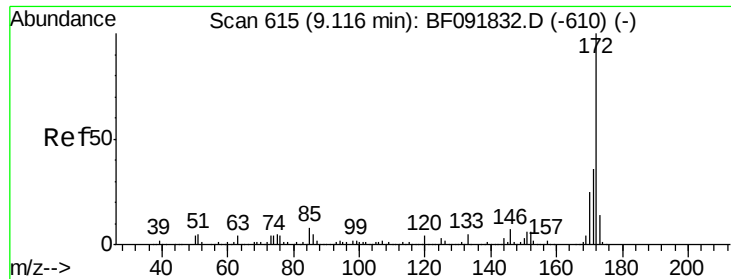
Tgt Ion:196 Resp: 220099
 Ion Ratio Lower Upper
 196 100
 198 99.1 82.1 123.1
 200 32.2 27.0 40.4



#43
 2,4,5-Trichlorophenol
 Concen: 40.02 ng
 RT: 8.90 min Scan# 622
 Delta R.T. -0.08 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

Tgt Ion:196 Resp: 199656
 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#





#44

2-Fluorobiphenyl

Concen: 118.94 ng

RT: 8.92 min Scan# 624

Delta R.T. -0.09 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

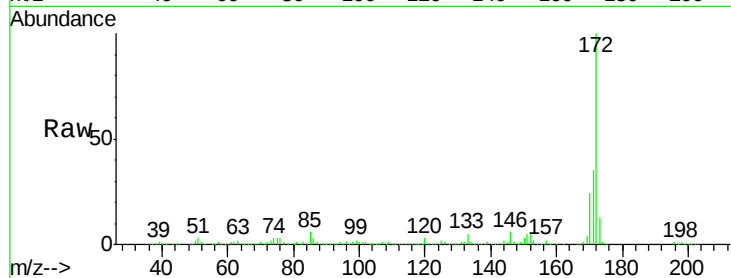
Tgt Ion:172 Resp: 1523843

Ion Ratio Lower Upper

172 100

171 35.1 29.4 44.0

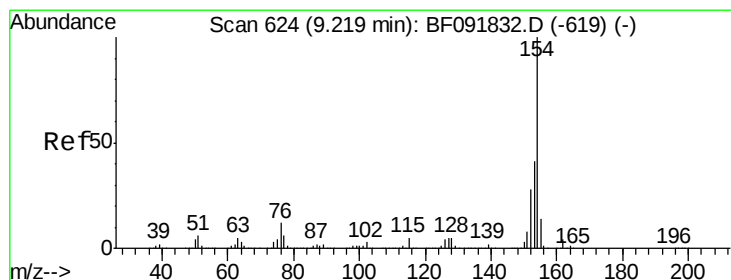
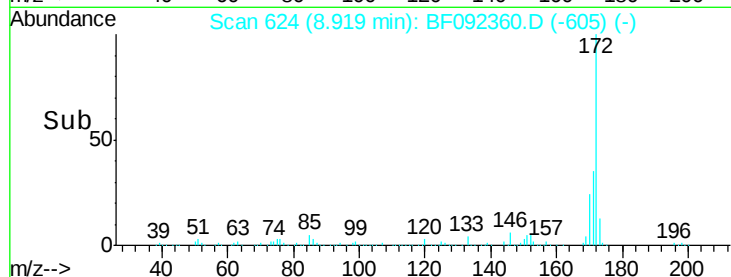
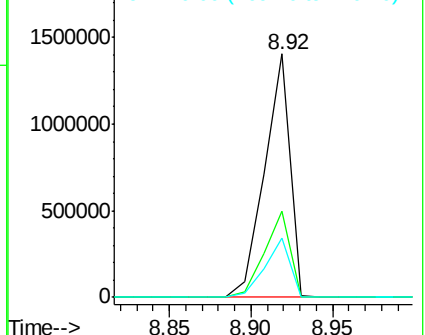
170 24.3 20.2 30.4



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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

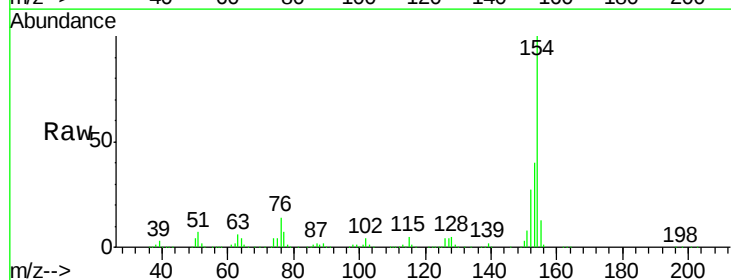
Tgt Ion:154 Resp: 905233

Ion Ratio Lower Upper

154 100

153 40.3 20.9 60.9

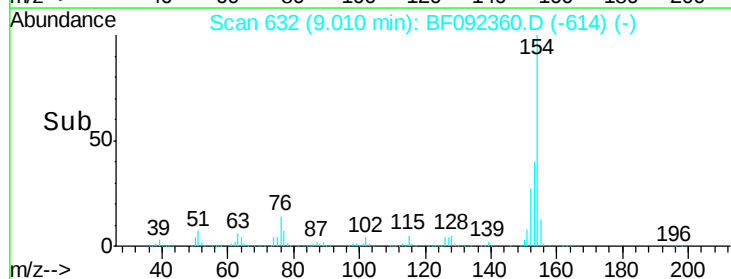
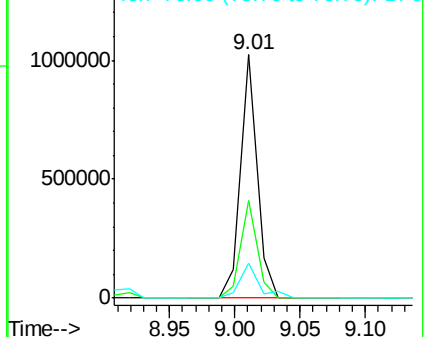
76 14.2 0.0 30.5

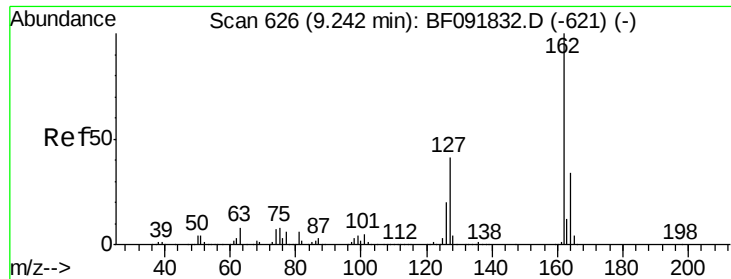


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

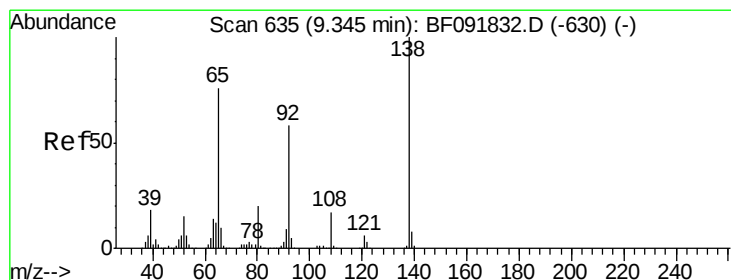
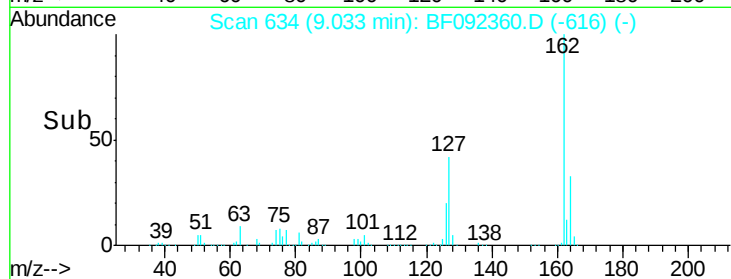
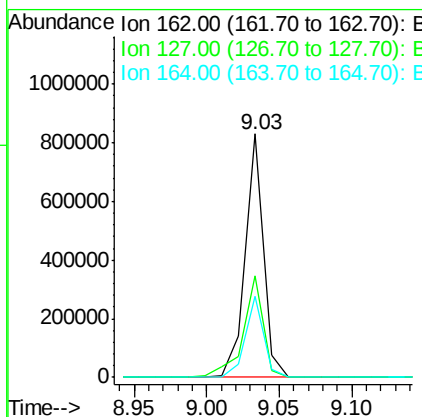
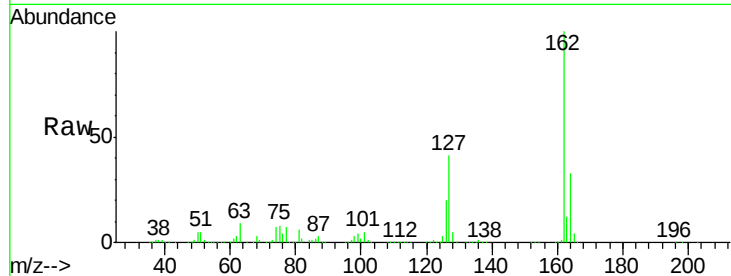




#46
2-Chloronaphthalene
Concen: 48.65 ng
RT: 9.03 min Scan# 634
Delta R.T. -0.10 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

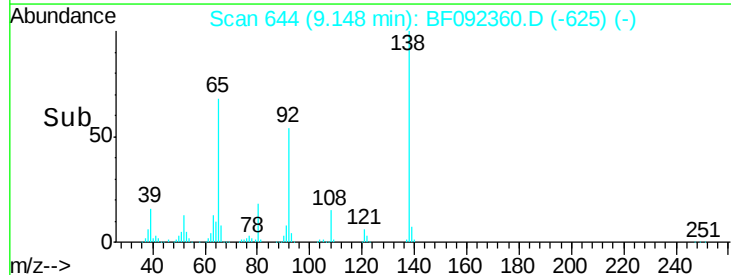
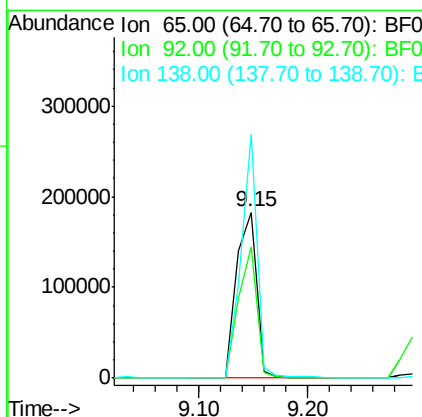
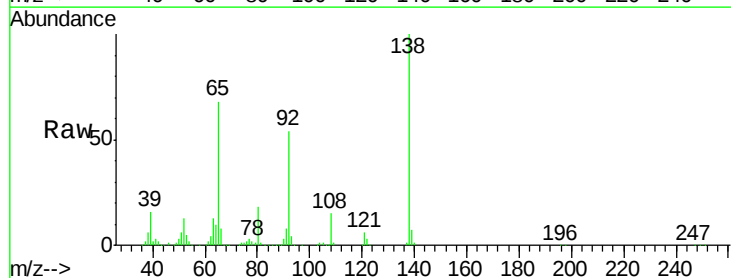
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

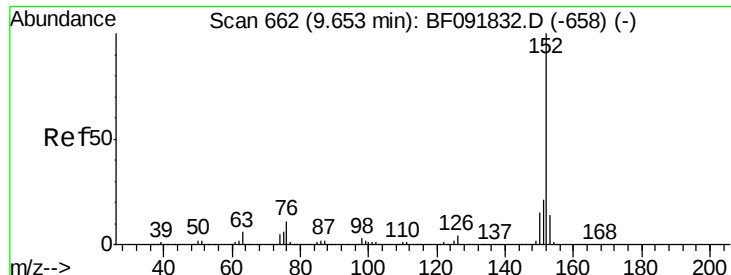
Tgt Ion: 162 Resp: 723832
Ion Ratio Lower Upper
162 100
127 41.5 30.7 46.1
164 33.2 27.6 41.4



#47
2-Nitroaniline
Concen: 43.48 ng
RT: 9.15 min Scan# 644
Delta R.T. -0.09 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

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#





#48

Acenaphthylene

Concen: 47.74 ng

RT: 9.44 min Scan# 670

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

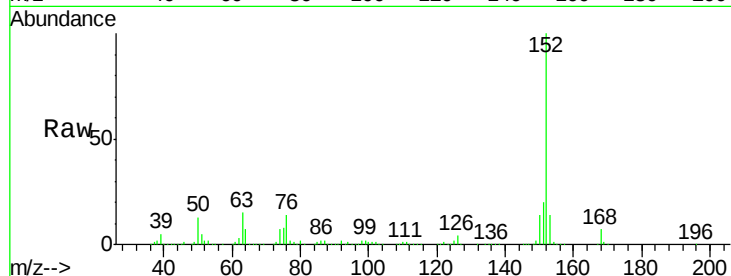
Tgt Ion:152 Resp: 1092425

Ion Ratio Lower Upper

152 100

151 20.1 16.9 25.3

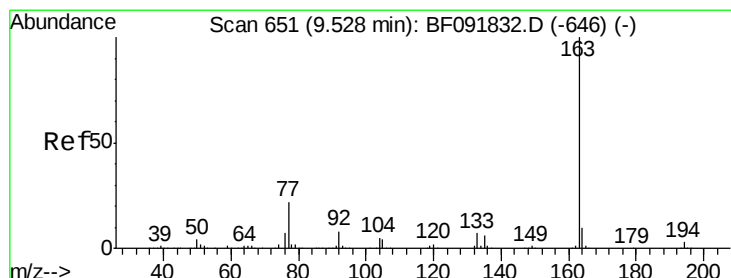
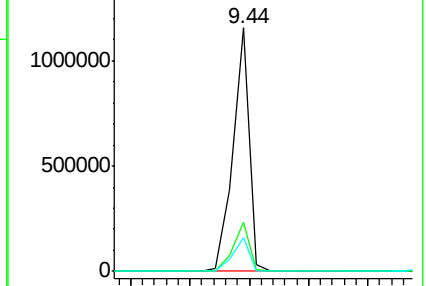
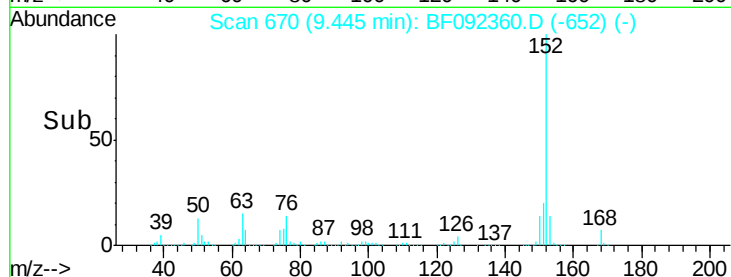
153 14.1 11.4 17.2



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. -0.09 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

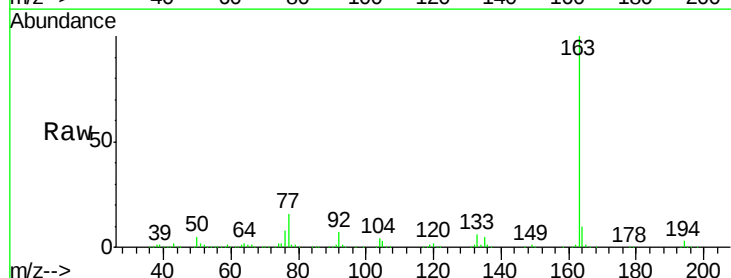
Tgt Ion:163 Resp: 970271

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

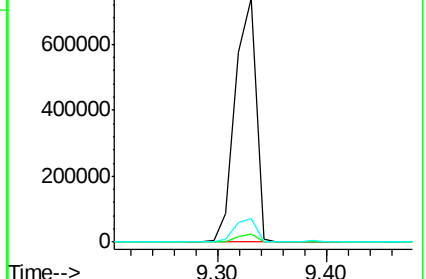
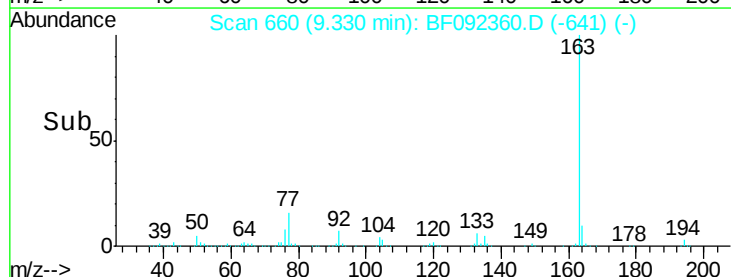
164 9.7 8.0 12.0

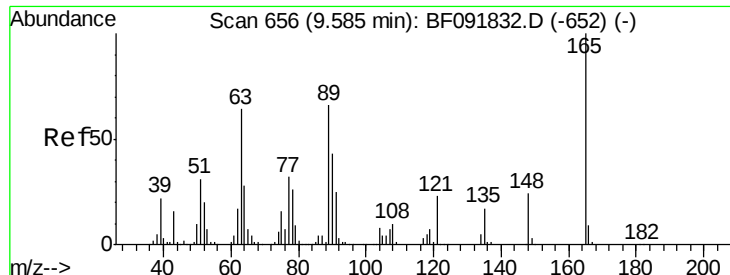


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

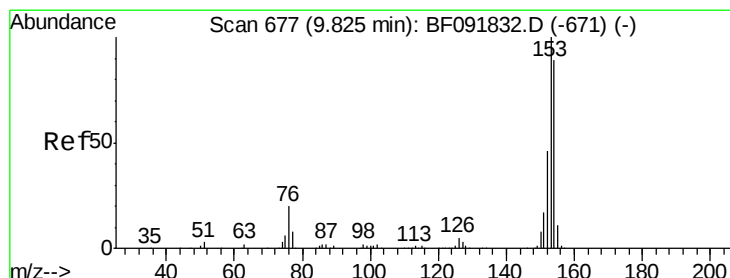
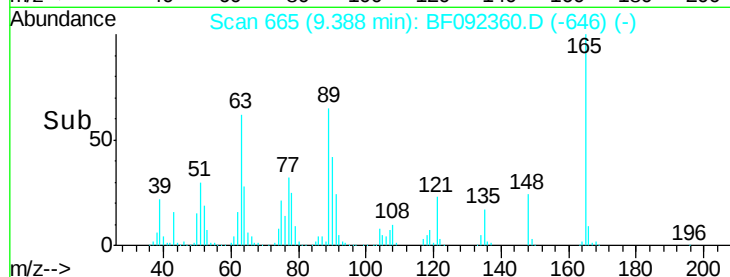
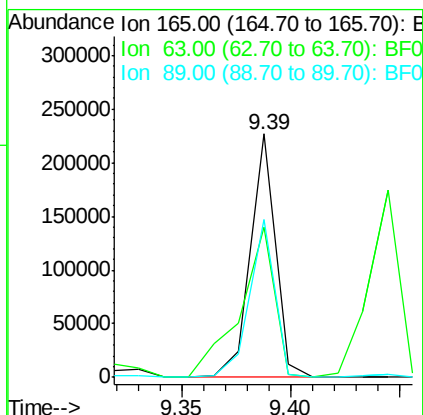
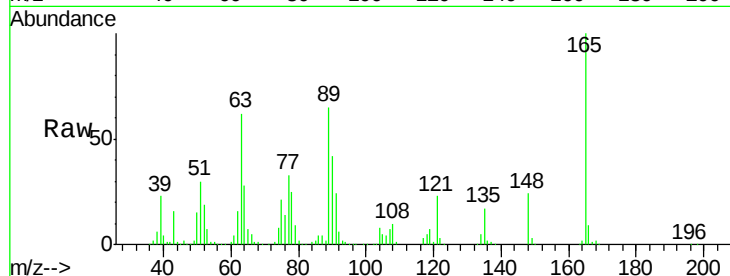




#50
2,6-Dinitrotoluene
Concen: 47.47 ng
RT: 9.39 min Scan# 665
Delta R.T. -0.09 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

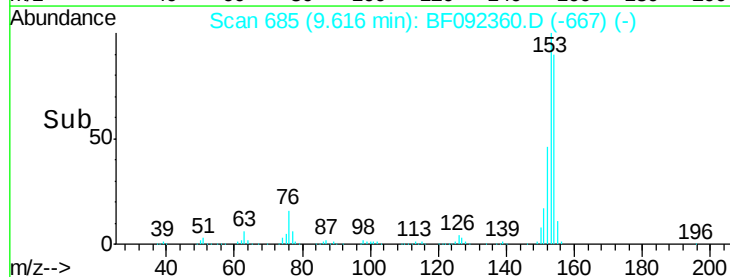
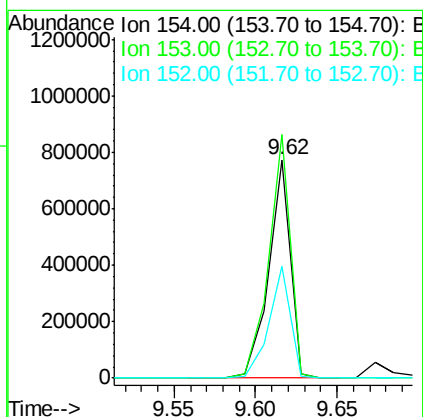
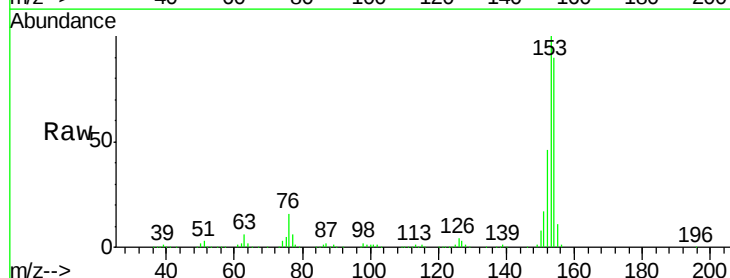
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

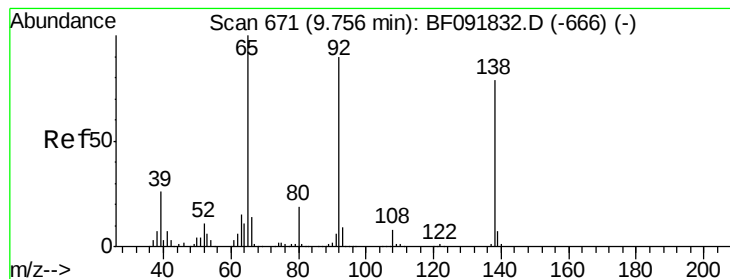
Tgt Ion:165 Resp: 182321
Ion Ratio Lower Upper
165 100
63 61.9 36.2 54.4#
89 64.6 40.2 60.4#



#51
Acenaphthene
Concen: 45.90 ng
RT: 9.62 min Scan# 685
Delta R.T. -0.10 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

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





#52

3-Nitroaniline

Concen: 27.55 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.09 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

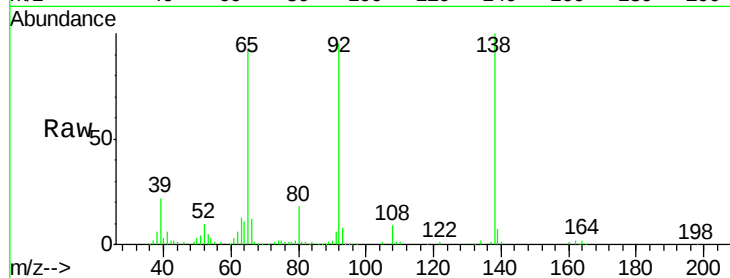
Tgt Ion:138 Resp: 130946

Ion Ratio Lower Upper

138 100

108 8.6 8.5 12.7

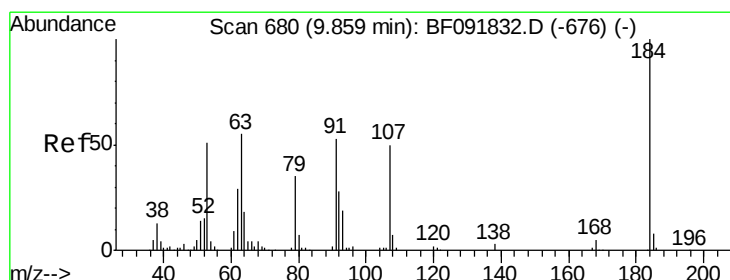
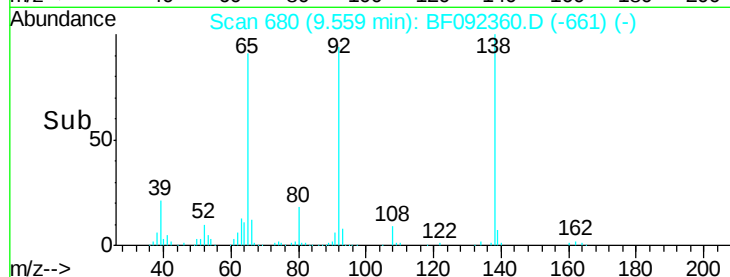
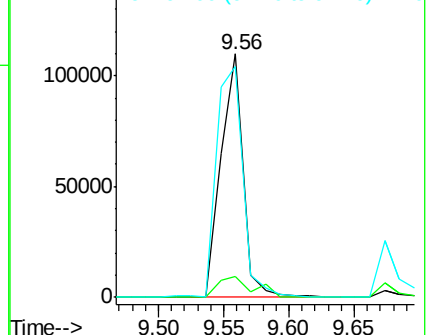
92 94.7 97.8 146.8#



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. -0.09 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

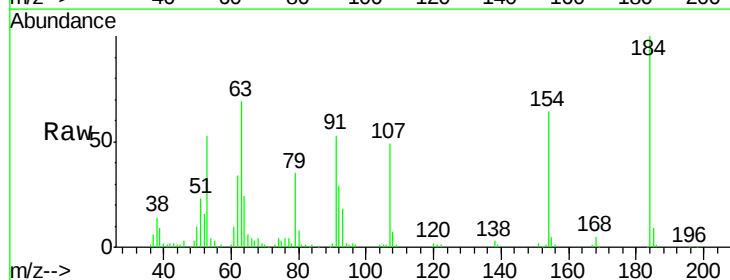
Tgt Ion:184 Resp: 109666

Ion Ratio Lower Upper

184 100

63 68.7 28.4 42.6#

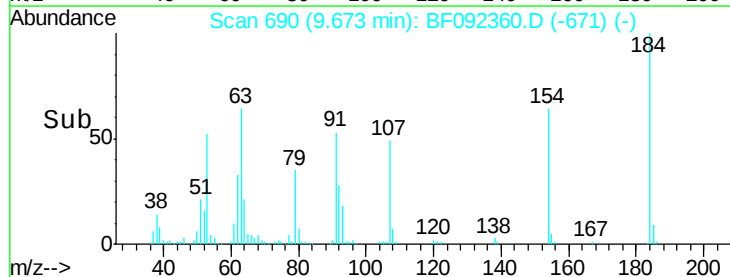
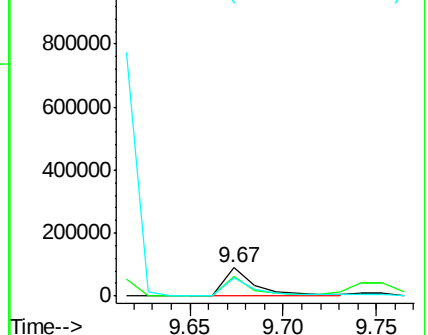
154 63.6 44.3 66.5

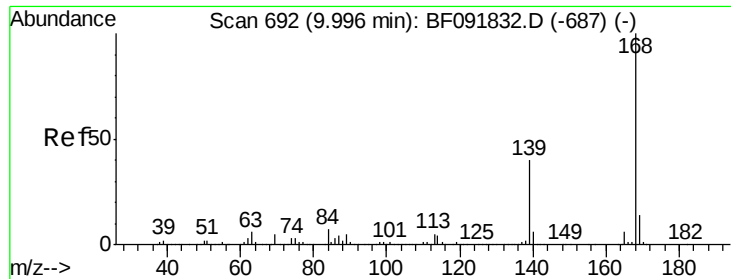


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

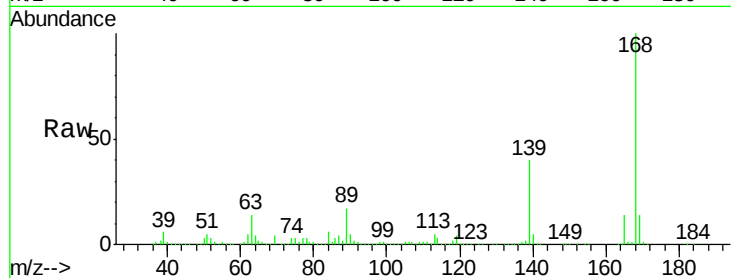




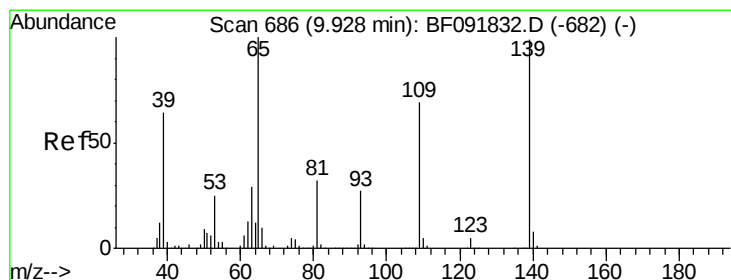
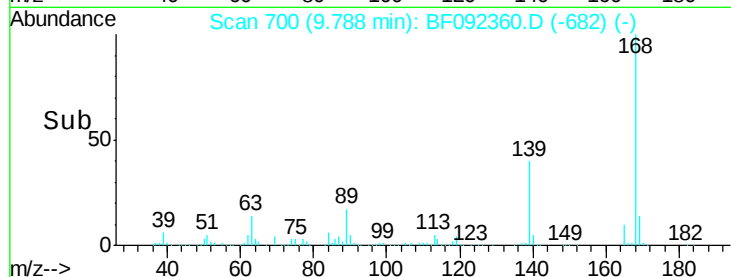
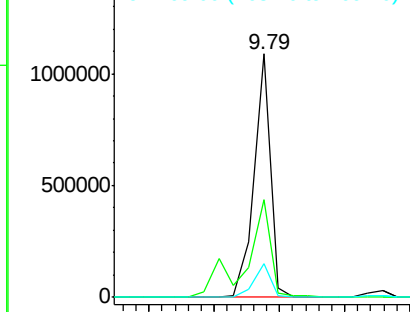
#54
Dibenzofuran
Concen: 45.53 ng
RT: 9.79 min Scan# 700
Delta R.T. -0.10 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

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

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

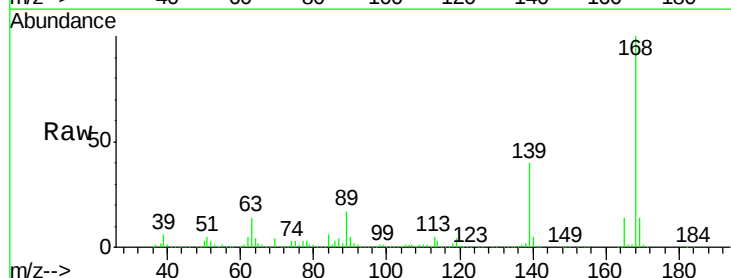


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

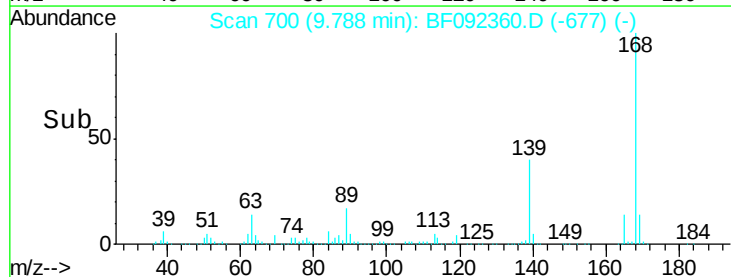
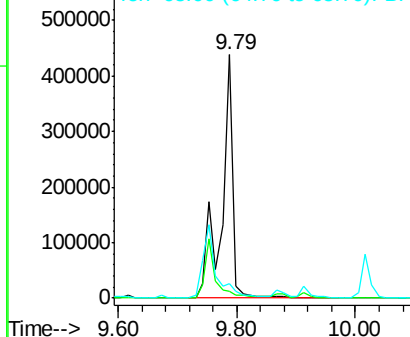


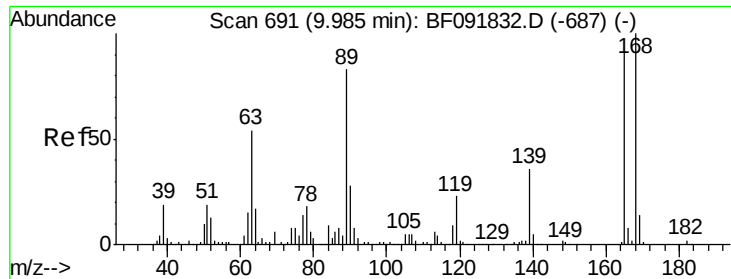
#55
4-Nitrophenol
Concen: 186.37 ng
RT: 9.79 min Scan# 700
Delta R.T. -0.04 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion:139 Resp: 601528
Ion Ratio Lower Upper
139 100
109 2.7 52.2 92.2#
65 6.1 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. -0.09 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tgt Ion:165 Resp: 215946

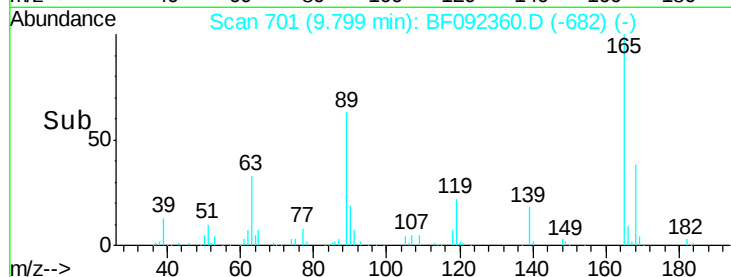
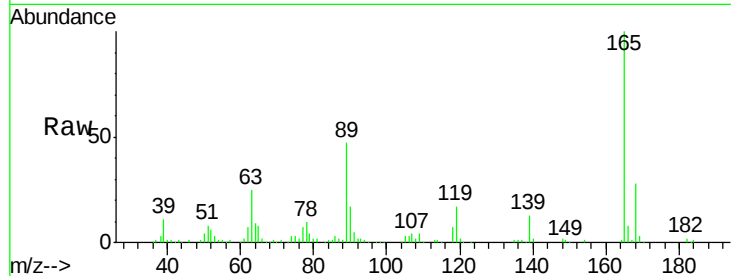
Ion Ratio Lower Upper

165 100

63 25.4 40.2 60.4#

89 47.2 62.5 93.7#

182 2.4 1.8 2.8

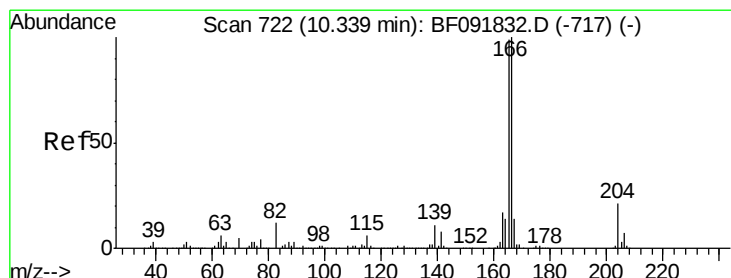
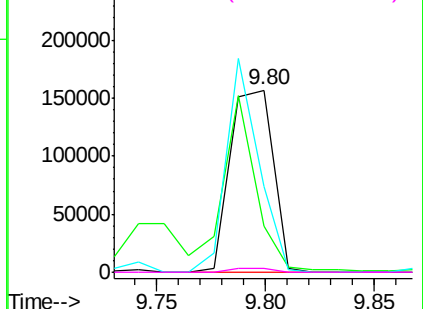


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

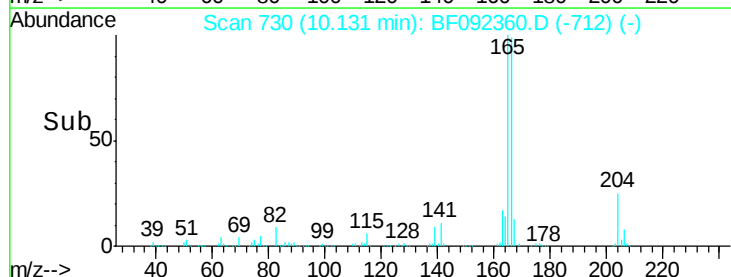
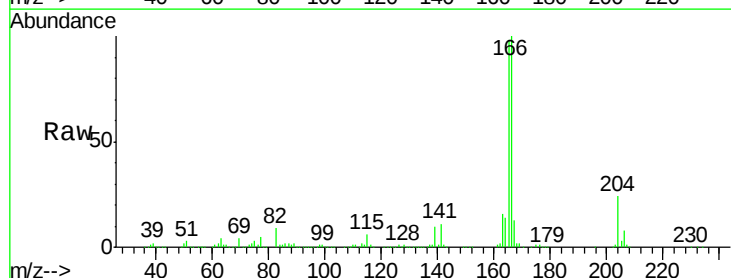
Tgt Ion:166 Resp: 753090

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

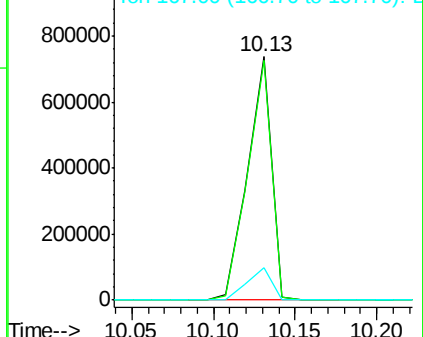
167 13.2 10.8 16.2

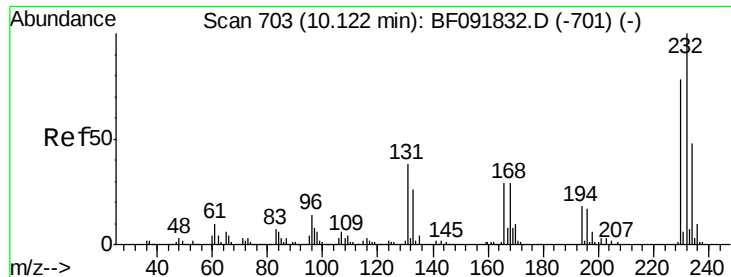


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

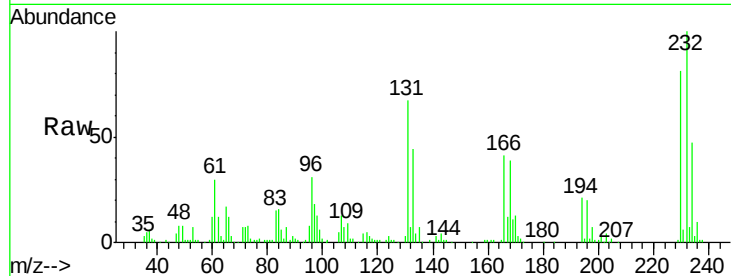




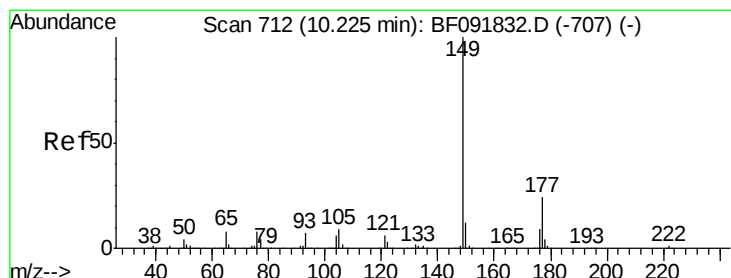
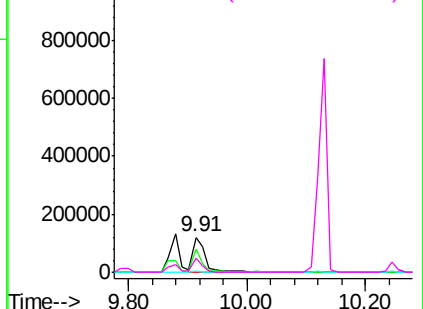
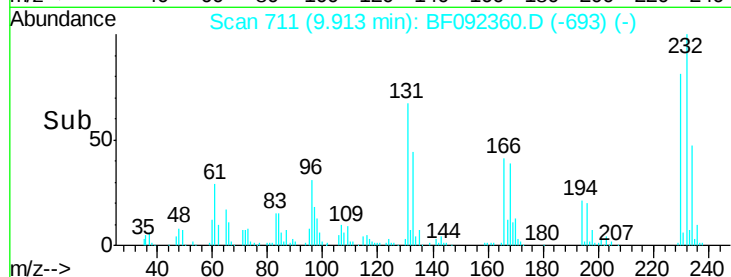
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.84 ng
 RT: 9.91 min Scan# 711
 Delta R.T. -0.10 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

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

Tgt Ion:232 Resp: 173018
 Ion Ratio Lower Upper
 232 100
 131 49.6 40.1 60.1
 130 2.2 1.8 2.8
 166 31.7 26.6 39.8

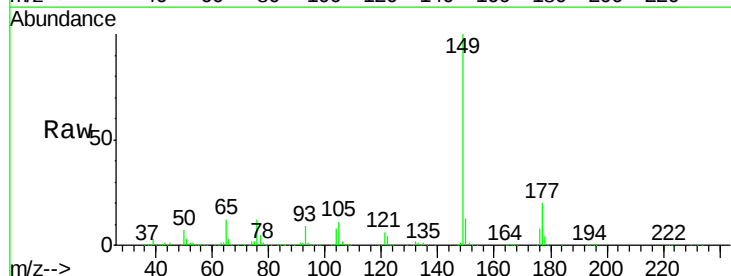


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

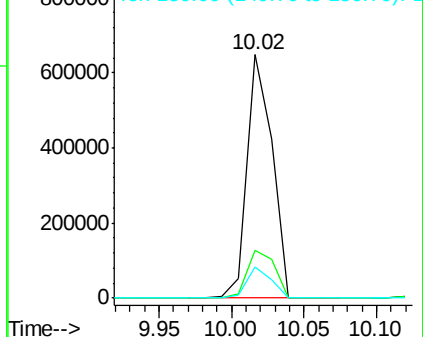
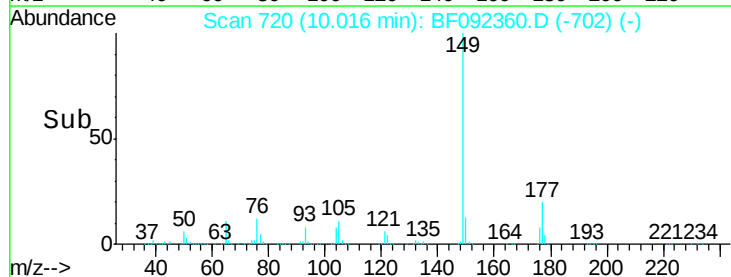


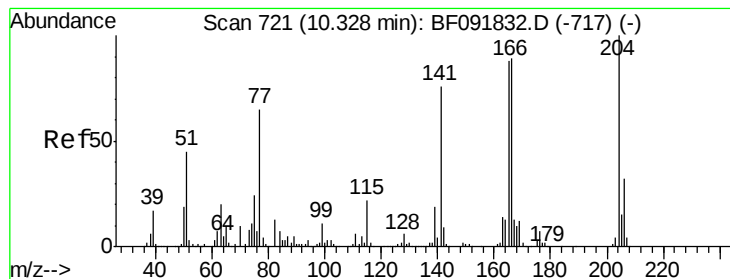
#59
 Diethylphthalate
 Concen: 45.62 ng
 RT: 10.02 min Scan# 720
 Delta R.T. -0.10 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

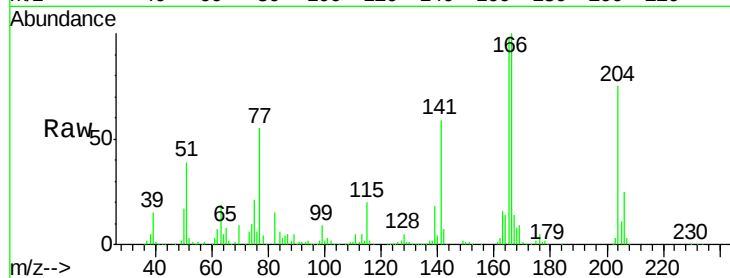
Tgt Ion:204 Resp: 300146

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

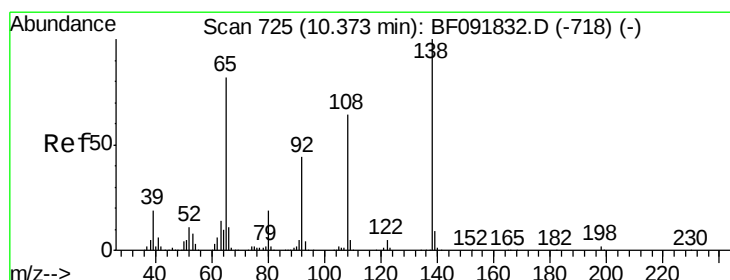
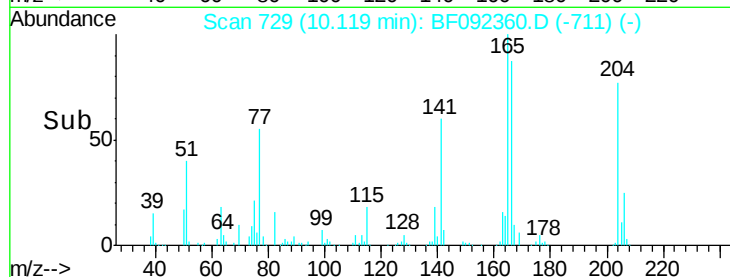
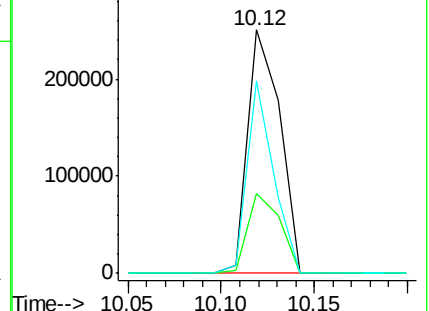
141 78.8 59.4 89.0



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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

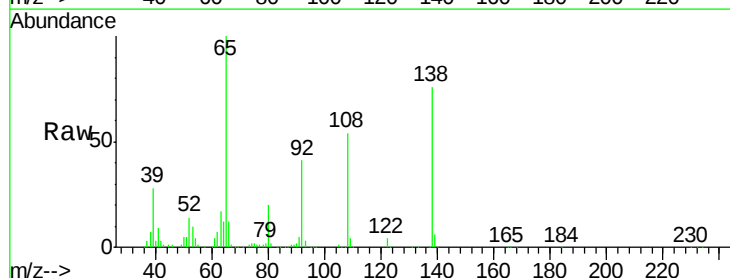
Tgt Ion:138 Resp: 165782

Ion Ratio Lower Upper

138 100

92 54.8 31.7 71.7

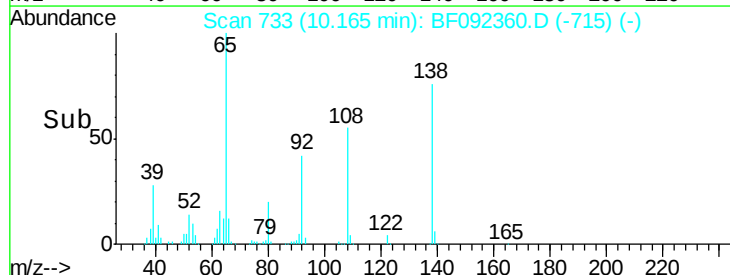
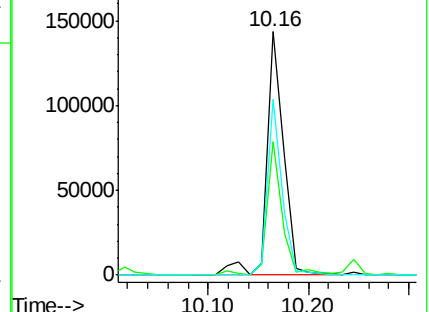
108 72.1 52.6 92.6

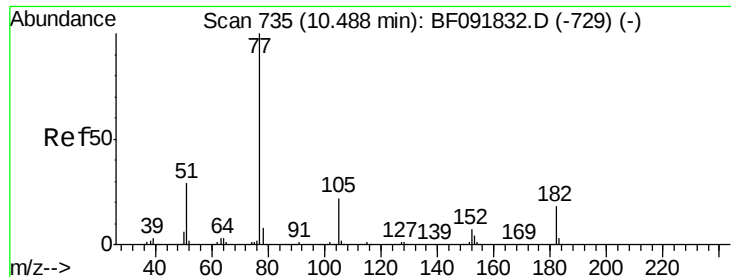


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 45.84 ng

RT: 10.28 min Scan# 743

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

Tgt Ion: 77 Resp: 860138

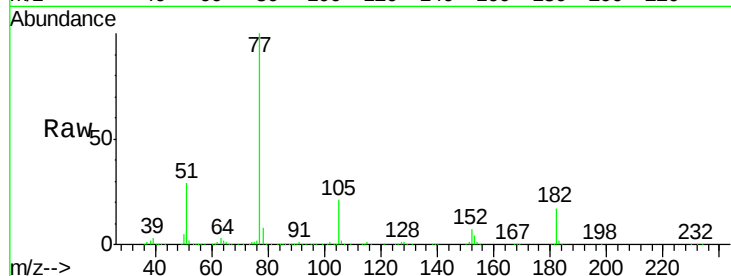
Ion Ratio Lower Upper

77 100

182 16.9 0.0 39.3

105 21.1 2.3 42.3

51 28.6 8.9 48.9

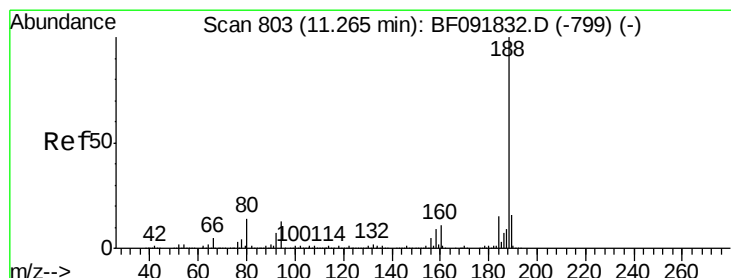
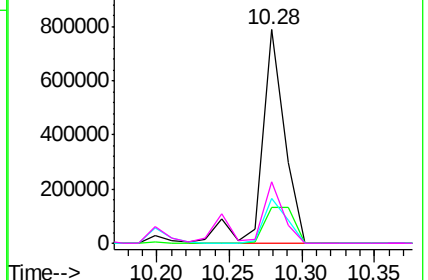
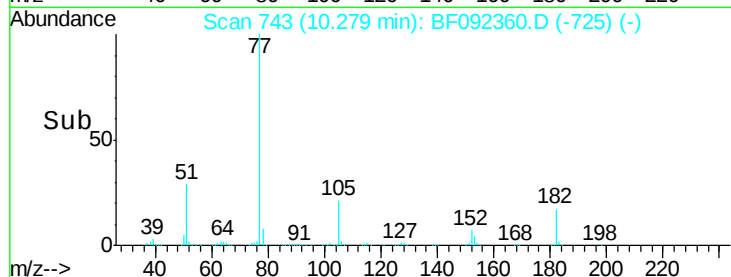


Abundance Ion 77.00 (76.70 to 77.70): BF0

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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

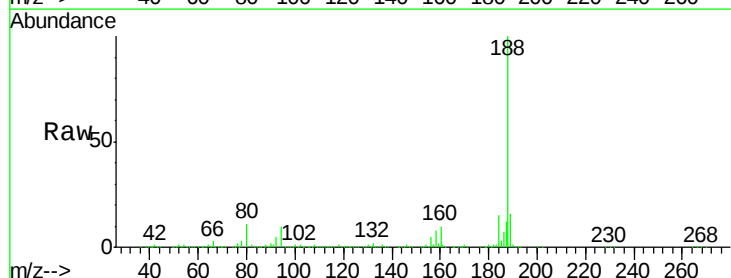
Tgt Ion: 188 Resp: 505239

Ion Ratio Lower Upper

188 100

94 9.6 10.0 15.0#

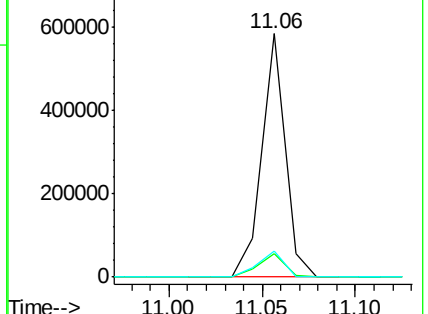
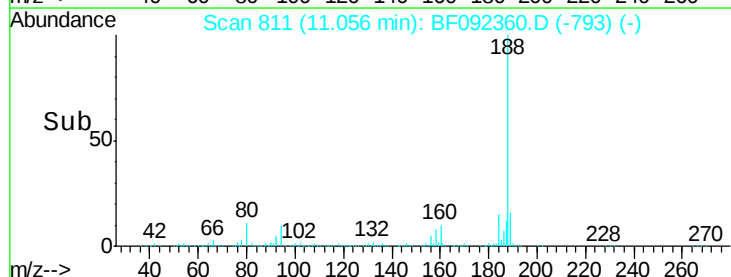
80 10.6 11.2 16.8#

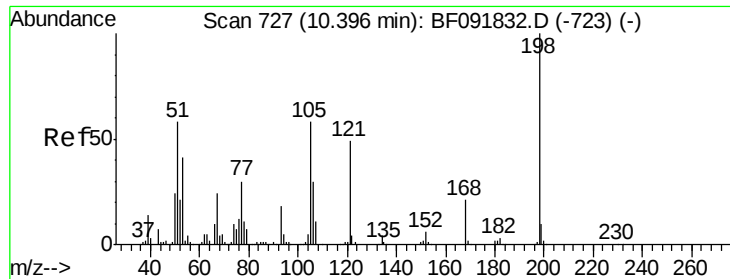


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

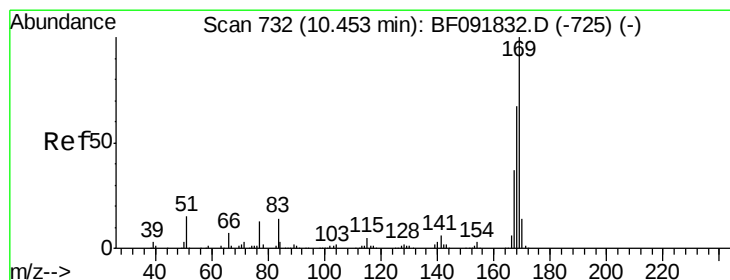
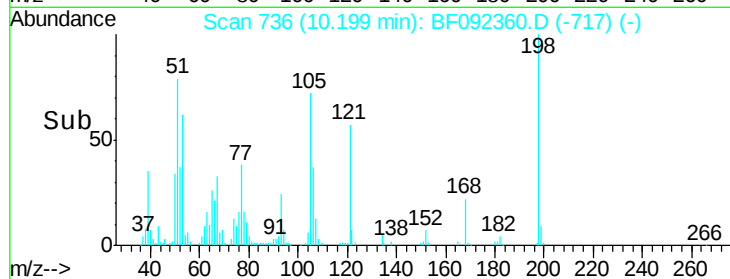
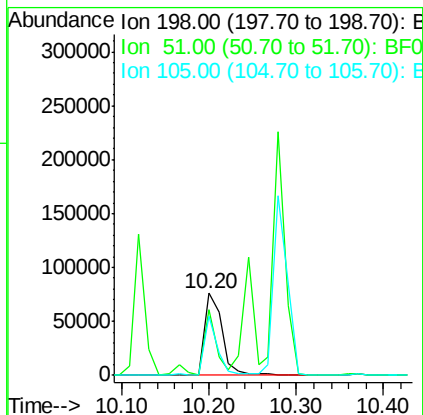
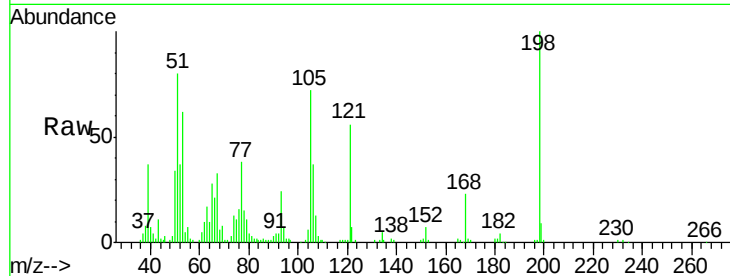




#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.45 ng
 RT: 10.20 min Scan# 736
 Delta R.T. -0.09 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

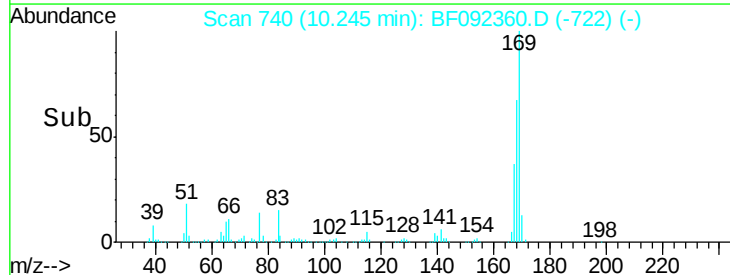
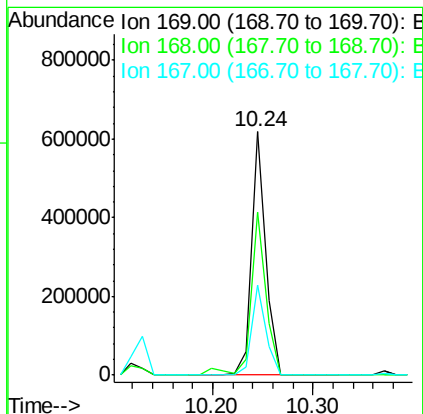
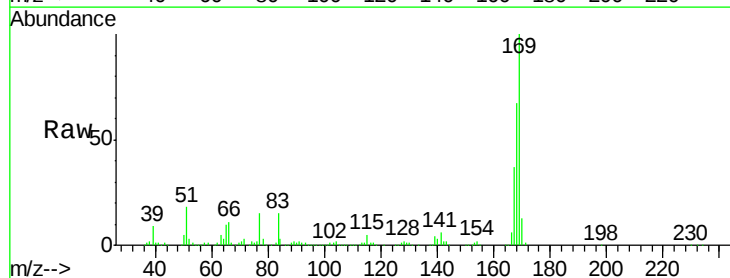
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

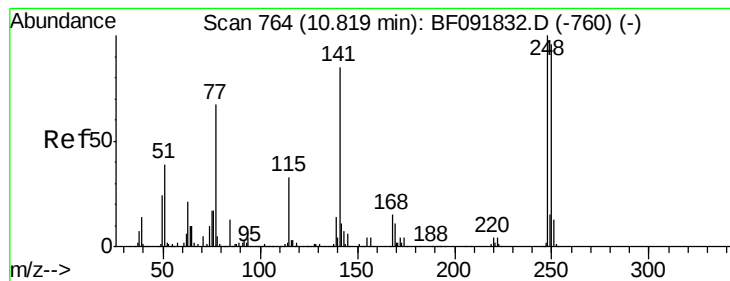
Tgt Ion:198 Resp: 108303
 Ion Ratio Lower Upper
 198 100
 51 79.5 6.7 46.7#
 105 71.6 16.6 56.6#



#65
 n-Nitrosodiphenylamine
 Concen: 40.00 ng
 RT: 10.24 min Scan# 740
 Delta R.T. -0.10 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

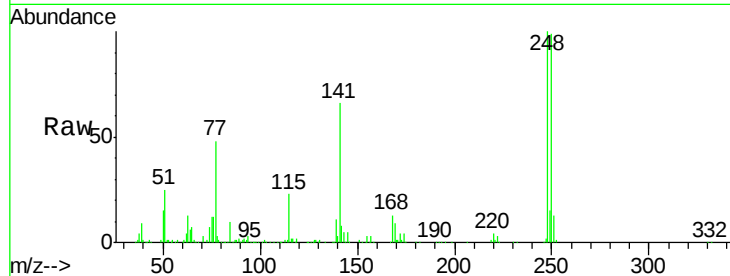
Tgt Ion:248 Resp: 239036

Ion Ratio Lower Upper

248 100

250 99.2 76.9 115.3

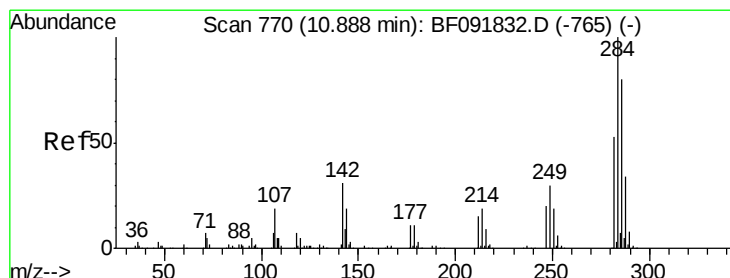
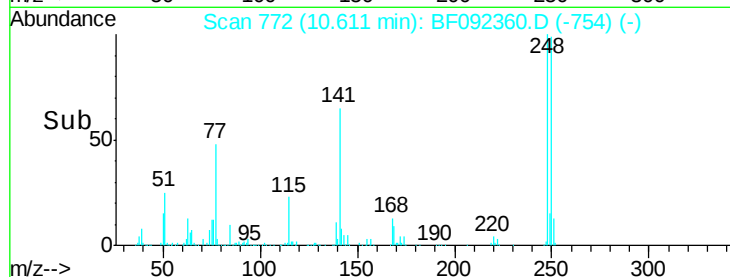
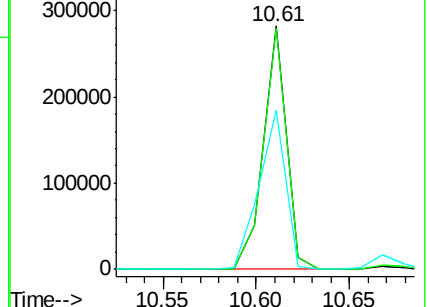
141 65.6 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 46.67 ng

RT: 10.68 min Scan# 778

Delta R.T. -0.09 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

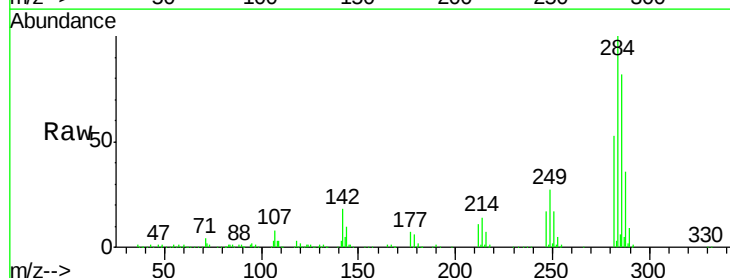
Tgt Ion:284 Resp: 262203

Ion Ratio Lower Upper

284 100

142 17.6 22.6 33.8#

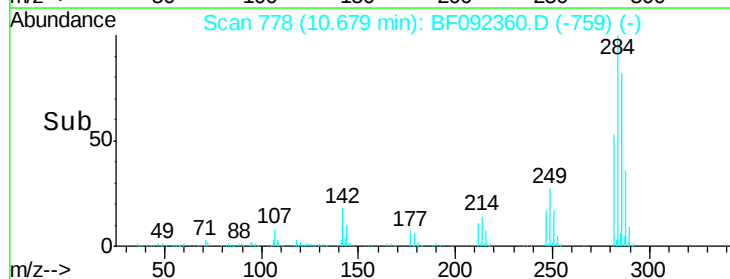
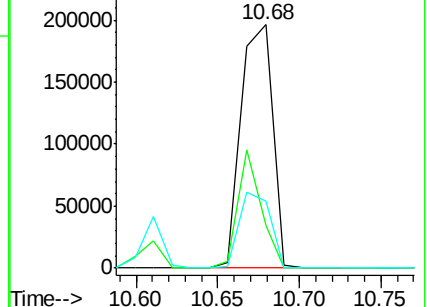
249 27.4 25.4 38.0

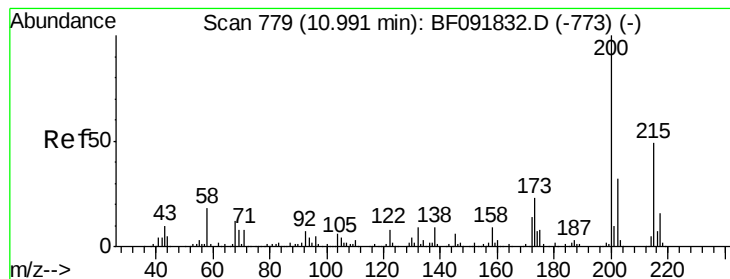


Abundance Ion 283.80 (283.50 to 284.50): E

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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

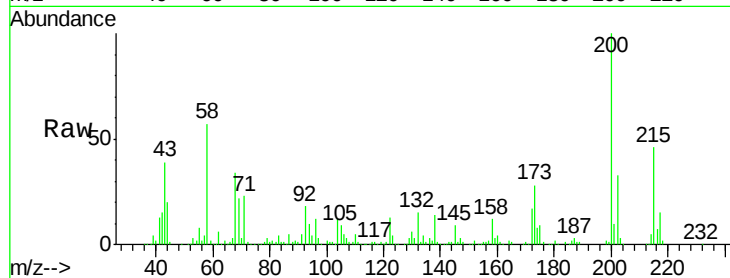
Tgt Ion:200 Resp: 251202

Ion Ratio Lower Upper

200 100

173 28.3 9.6 49.6

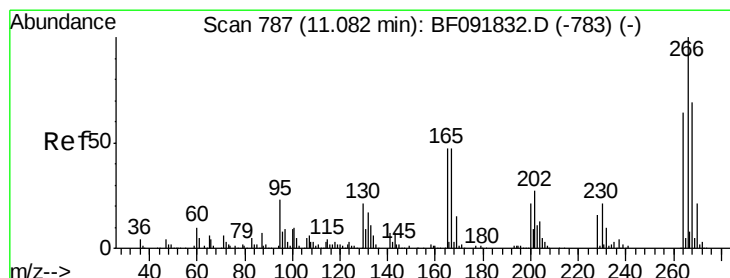
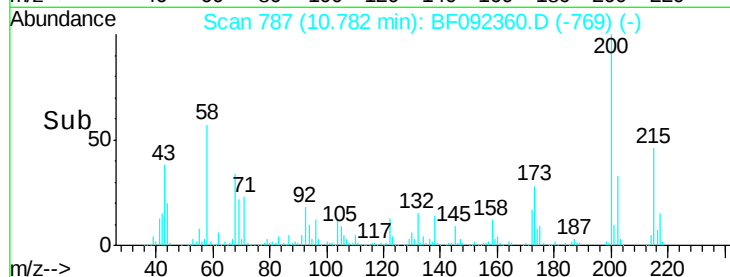
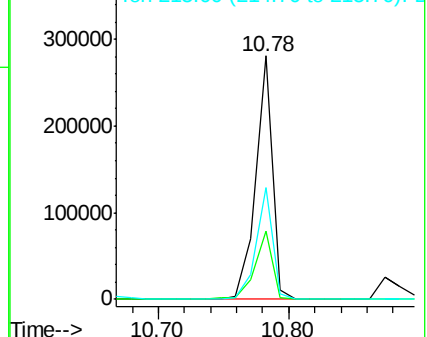
215 45.9 25.7 65.7



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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

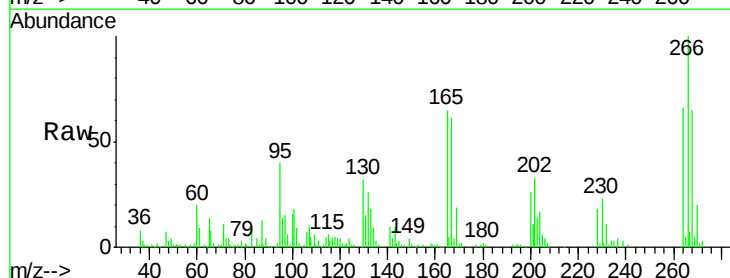
Tgt Ion:266 Resp: 191293

Ion Ratio Lower Upper

266 100

268 65.0 53.3 79.9

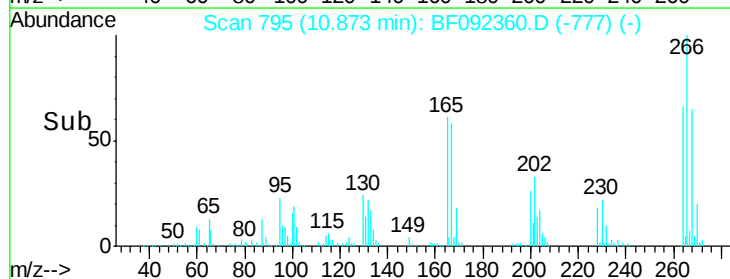
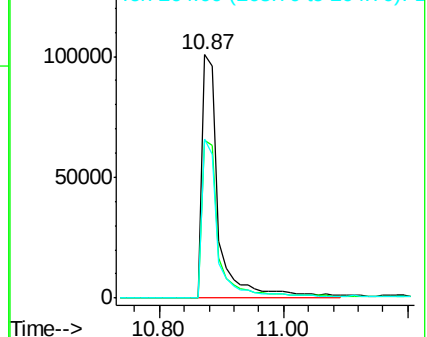
264 65.5 50.3 75.5

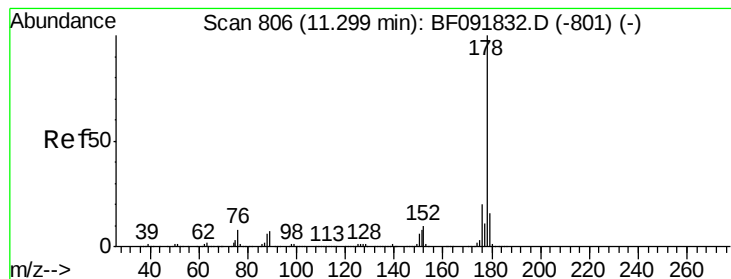


Abundance Ion 265.70 (265.40 to 266.40): E

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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

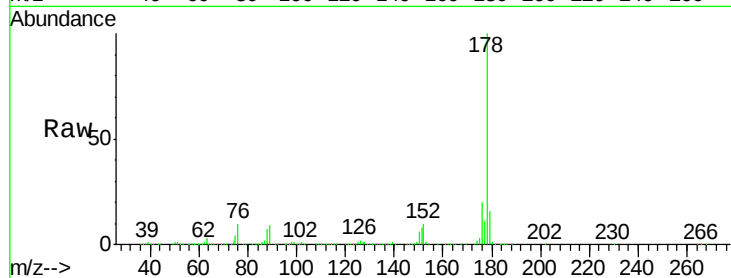
Tgt Ion:178 Resp: 1234000

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

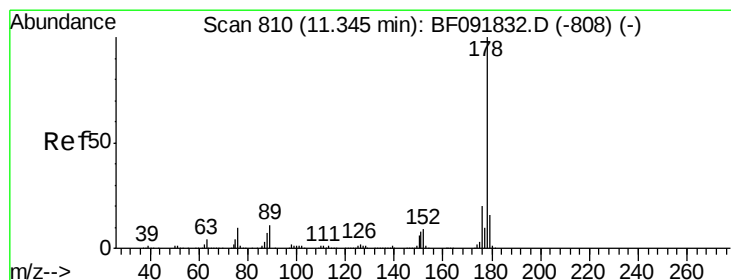
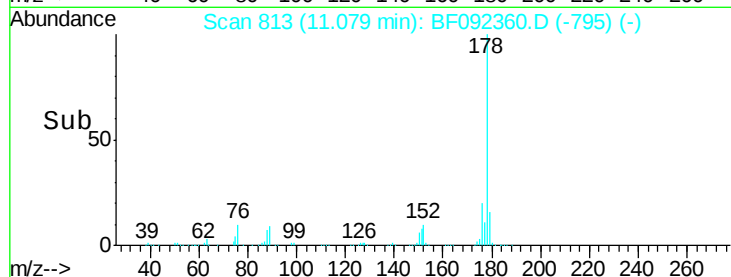
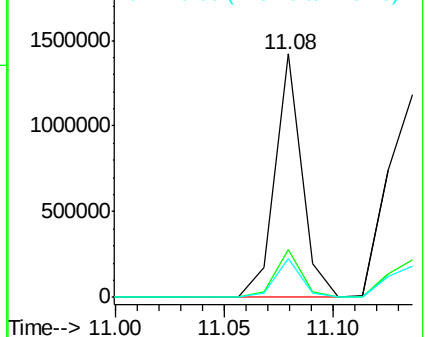
179 16.1 12.8 19.2



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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

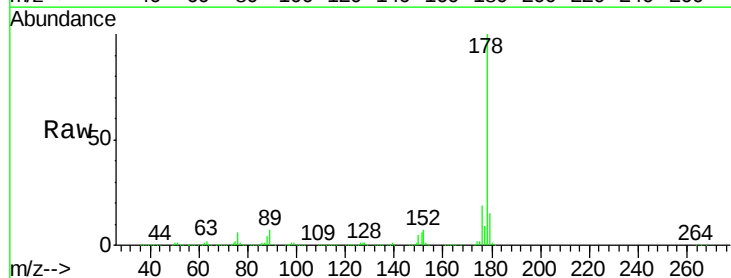
Tgt Ion:178 Resp: 1357568

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

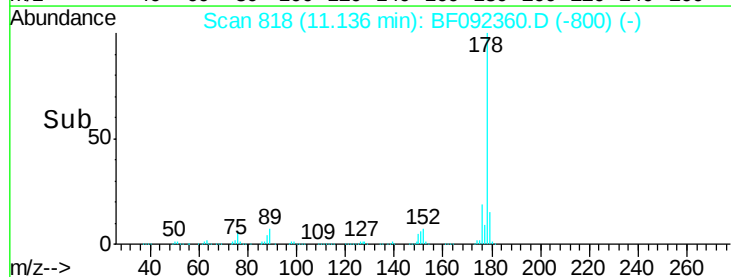
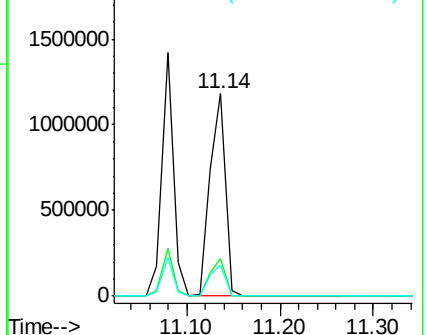
179 15.4 13.2 19.8

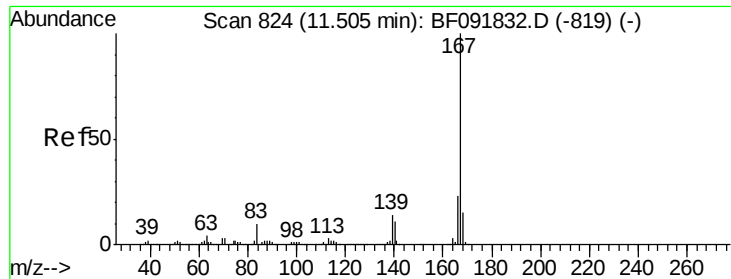


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

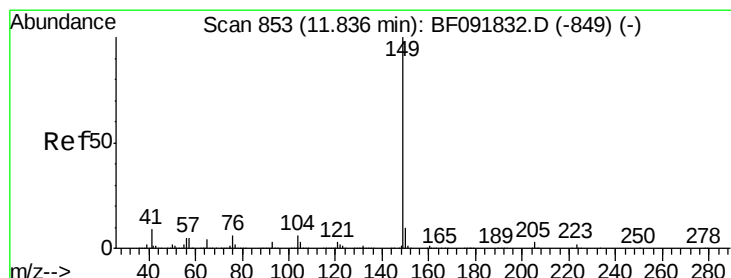
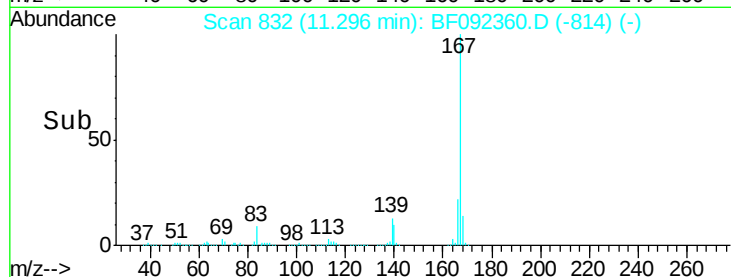
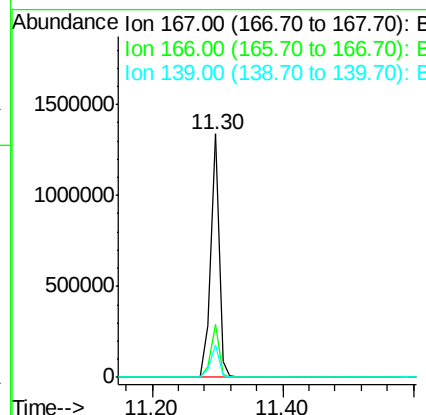
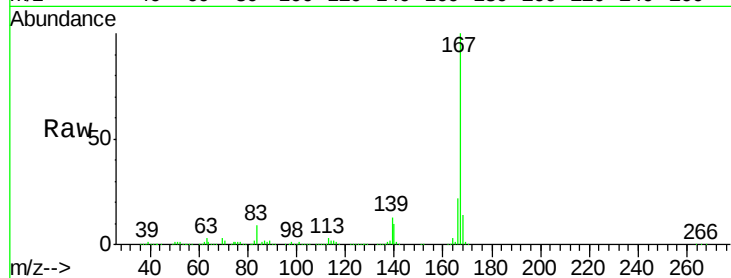




#72
 Carbazole
 Concen: 69.45 ng
 RT: 11.30 min Scan# 832
 Delta R.T. -0.10 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

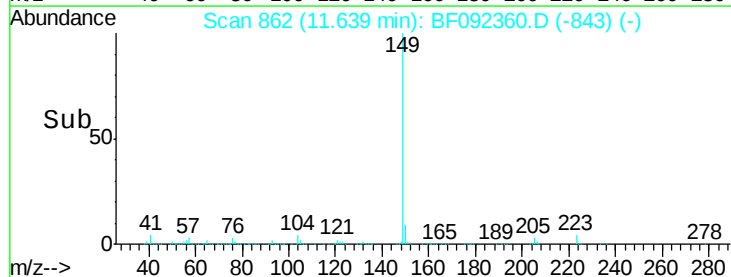
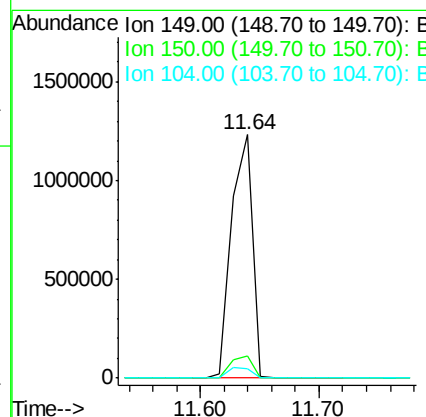
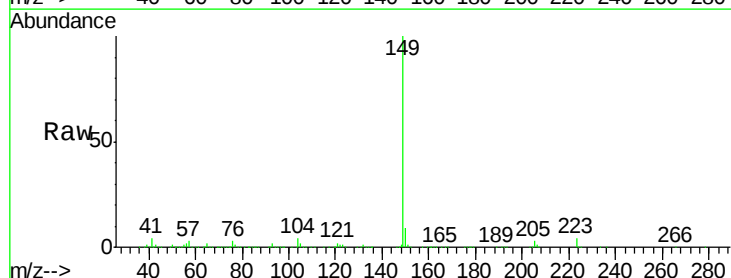
Instrument :
 BNA_F
 ClientSampleId :
 MH-0-12FT-COMPMSD

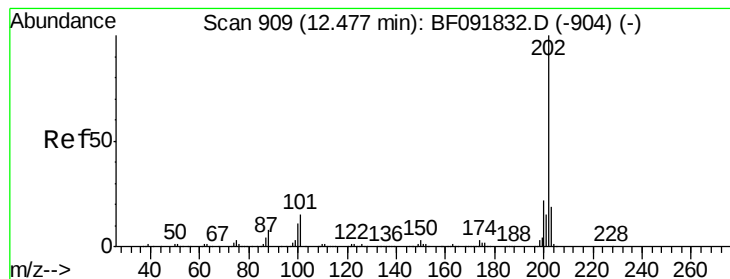
Tgt Ion:167 Resp: 1186289
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.2
 139 13.1 11.4 17.2



#73
 Di-n-butylphthalate
 Concen: 59.22 ng
 RT: 11.64 min Scan# 862
 Delta R.T. -0.09 min
 Lab File: BF092360.D
 Acq: 18 Jan 2017 19:29

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#





#74

Fluoranthene

Concen: 45.73 ng

RT: 12.26 min Scan# 916

Delta R.T. -0.11 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

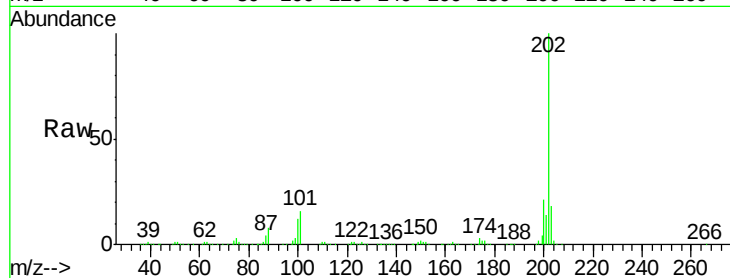
Tgt Ion:202 Resp: 1097706

Ion Ratio Lower Upper

202 100

101 15.6 0.0 34.6

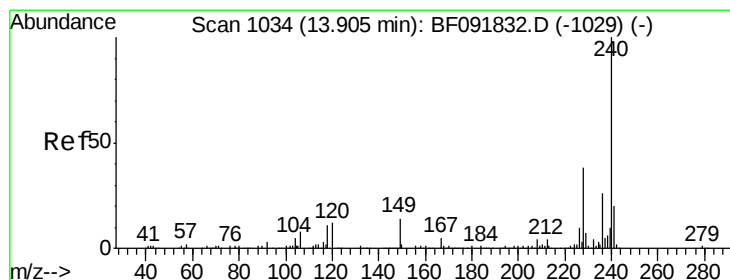
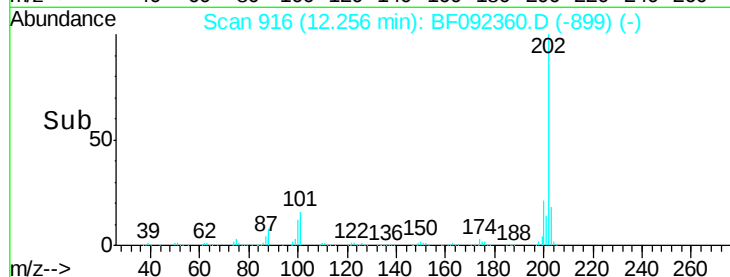
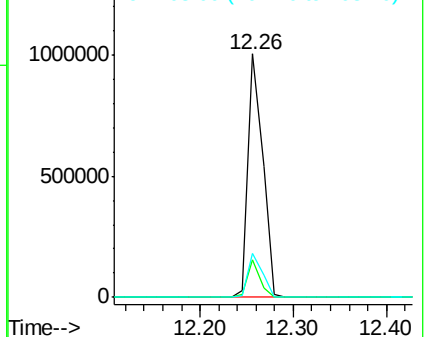
203 18.1 0.0 38.7



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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

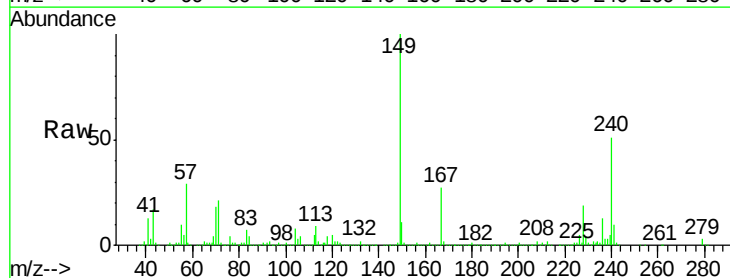
Tgt Ion:240 Resp: 319336

Ion Ratio Lower Upper

240 100

120 10.0 12.9 19.3#

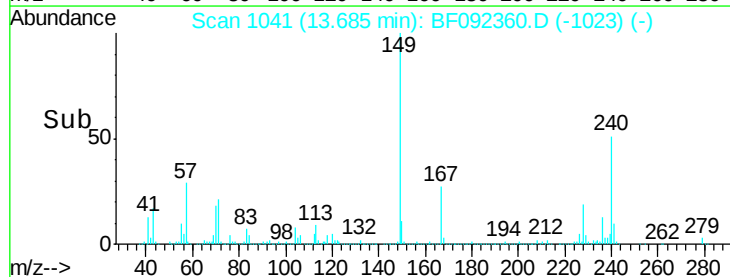
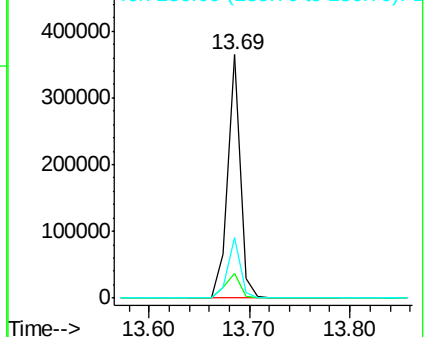
236 24.7 20.9 31.3

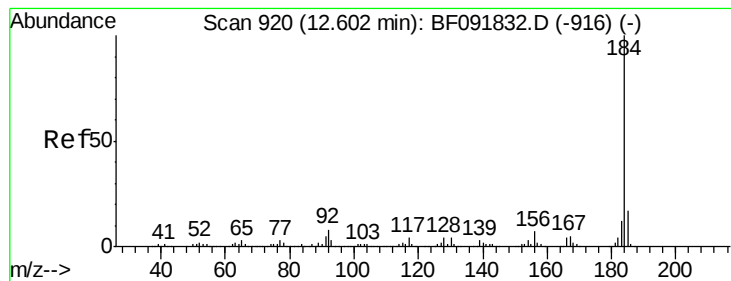


Abundance Ion 240.00 (239.70 to 240.70): E

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. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

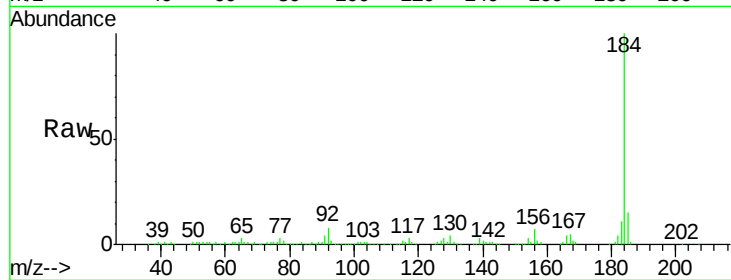
Tgt Ion:184 Resp: 228842

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

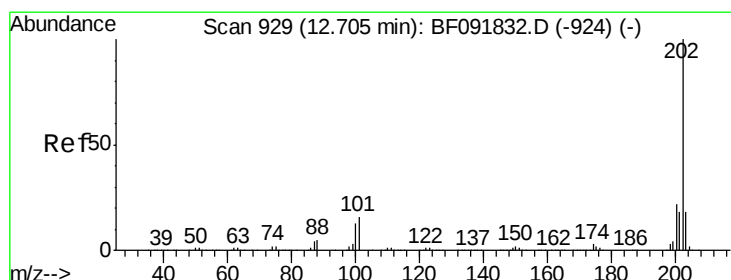
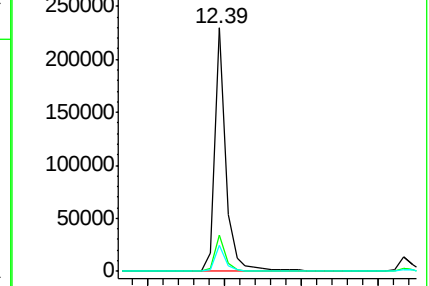
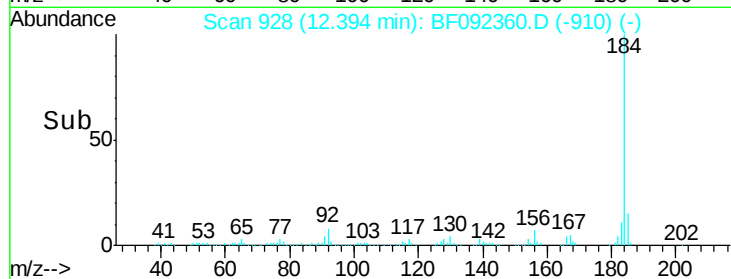
183 10.8 9.2 13.8



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: 46.39 ng

RT: 12.49 min Scan# 936

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

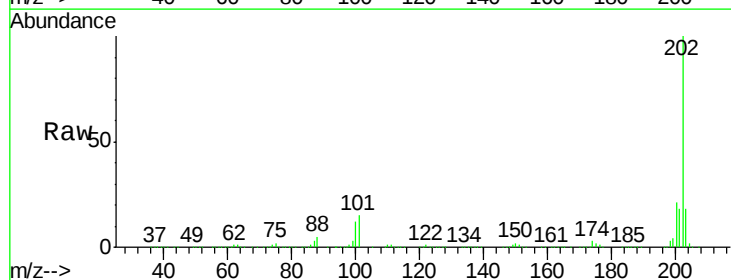
Tgt Ion:202 Resp: 1086971

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

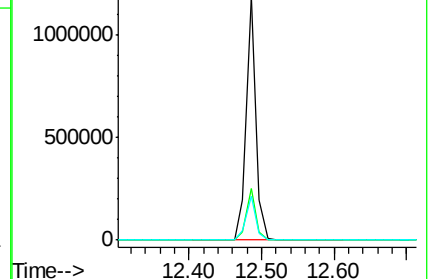
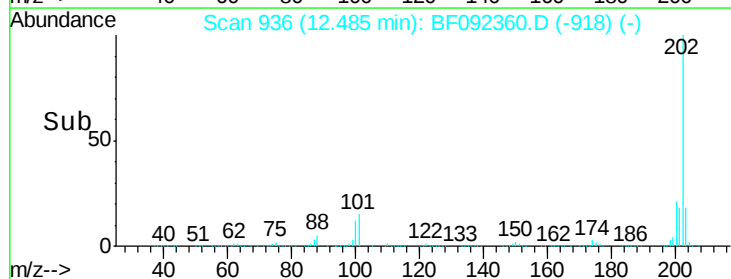
203 17.9 14.7 22.1

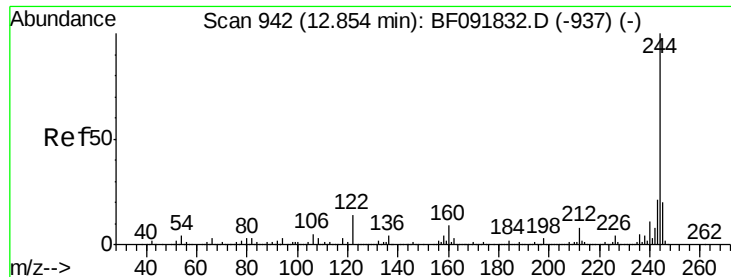


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 91.88 ng

RT: 12.63 min Scan# 949

Delta R.T. -0.11 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

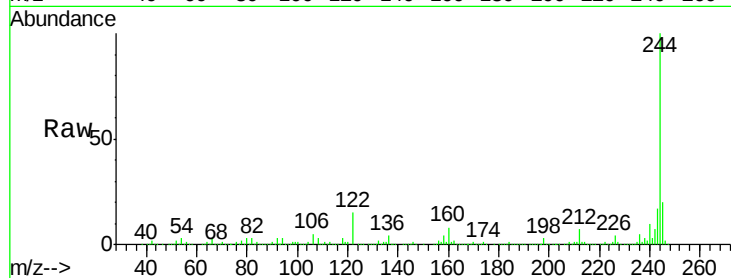
Tgt Ion:244 Resp: 1209819

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

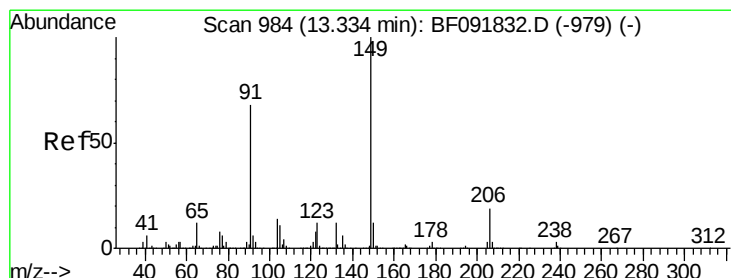
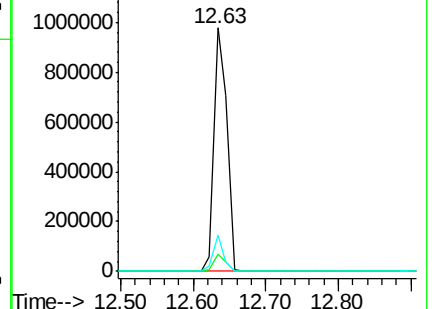
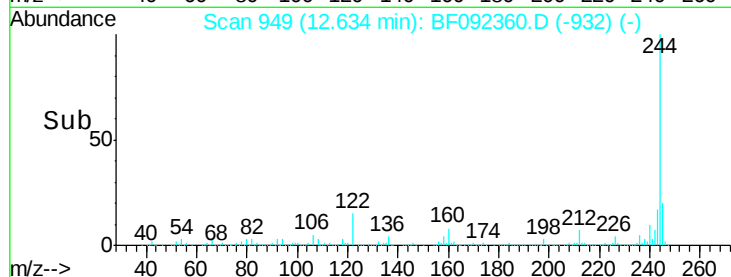
122 15.1 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 46.91 ng

RT: 13.13 min Scan# 992

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

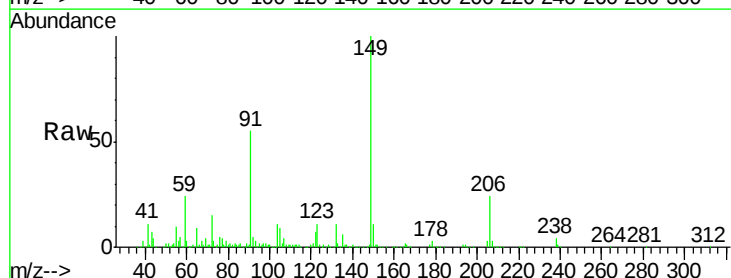
Tgt Ion:149 Resp: 499923

Ion Ratio Lower Upper

149 100

91 55.0 63.9 95.9#

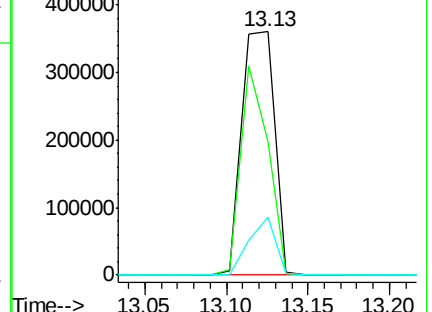
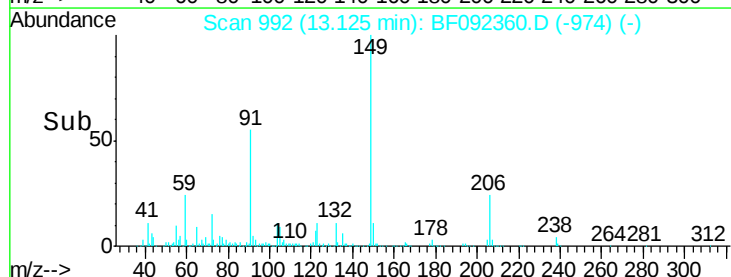
206 23.6 14.6 21.8#

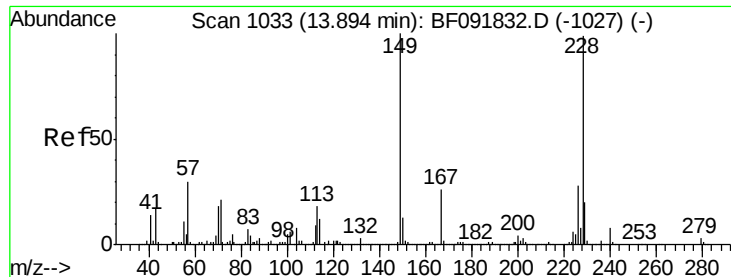


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 52.60 ng

RT: 13.67 min Scan# 1040

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

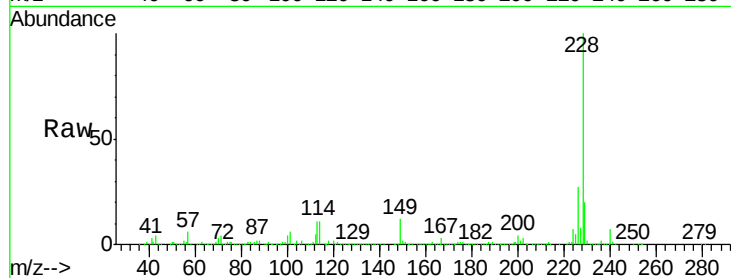
Tgt Ion:228 Resp: 948204

Ion Ratio Lower Upper

228 100

226 27.4 22.4 33.6

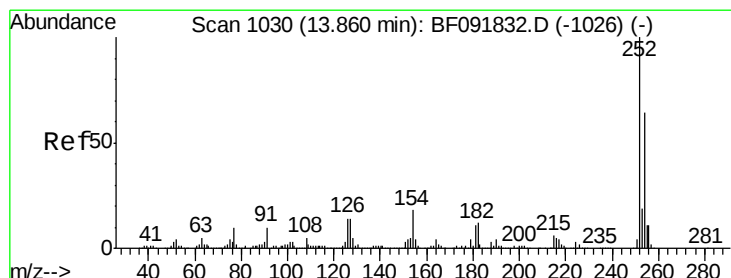
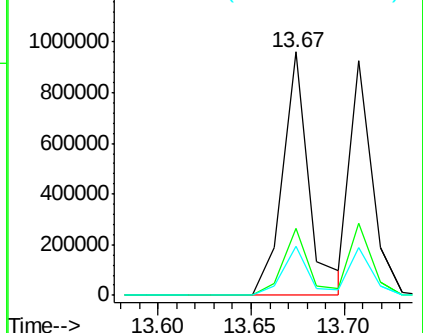
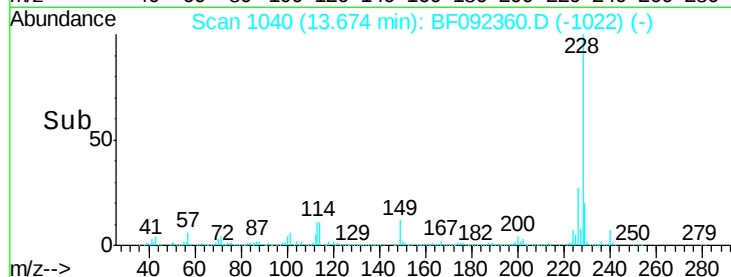
229 20.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 30.75 ng

RT: 13.64 min Scan# 1037

Delta R.T. -0.11 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

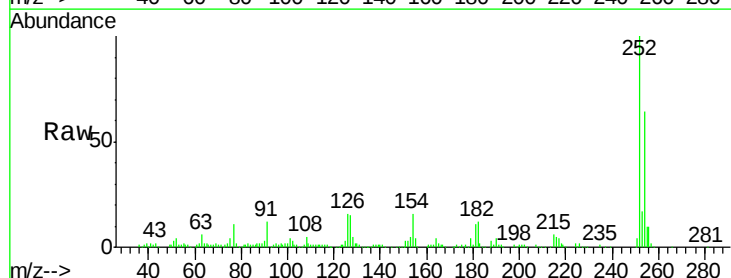
Tgt Ion:252 Resp: 210201

Ion Ratio Lower Upper

252 100

254 64.1 52.3 78.5

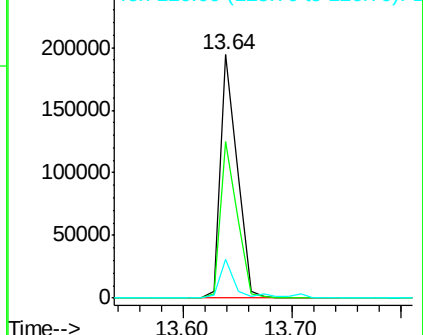
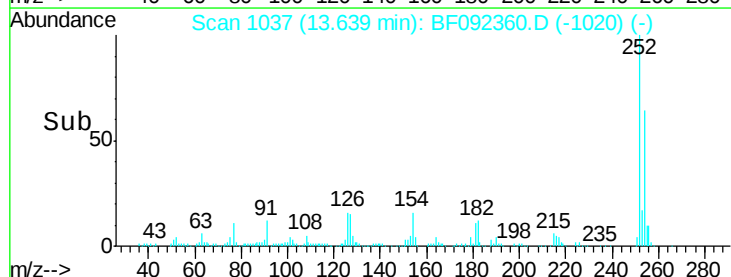
126 15.9 13.6 20.4

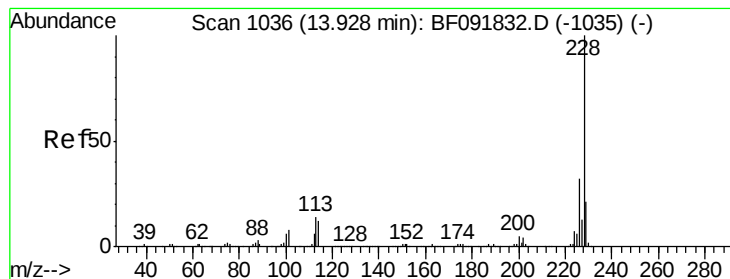


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 43.27 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

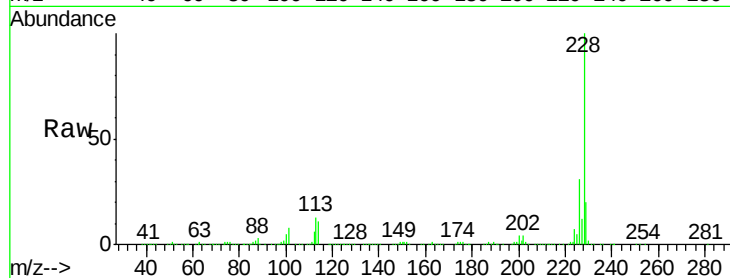
Tgt Ion:228 Resp: 782403

Ion Ratio Lower Upper

228 100

226 30.8 25.4 38.0

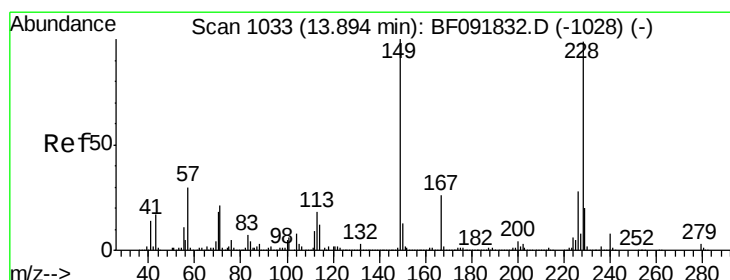
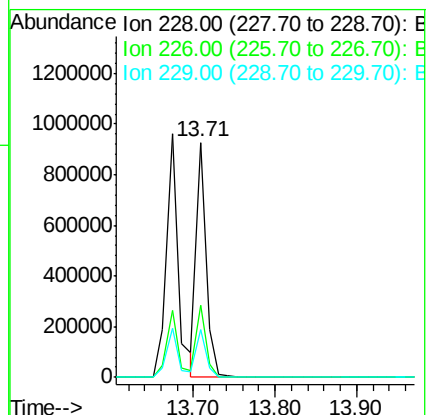
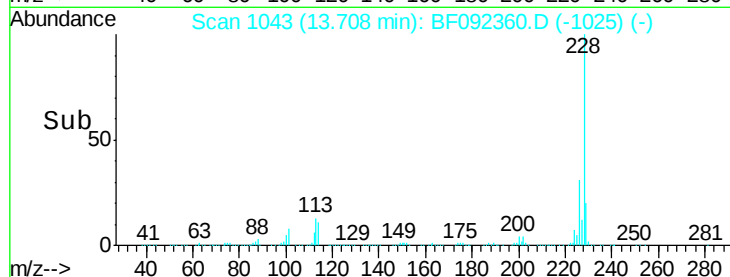
229 20.4 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 51.74 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

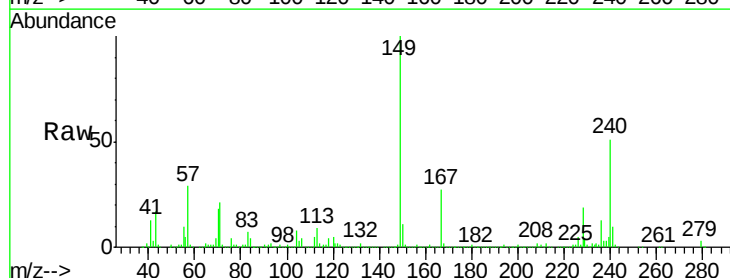
Tgt Ion:149 Resp: 649301

Ion Ratio Lower Upper

149 100

167 26.5 20.2 30.4

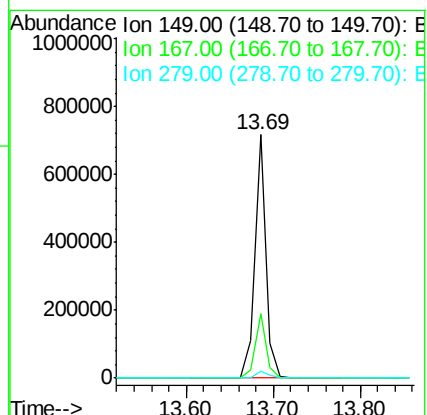
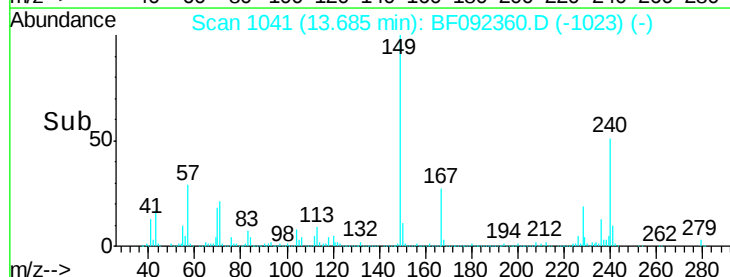
279 2.7 1.8 2.8

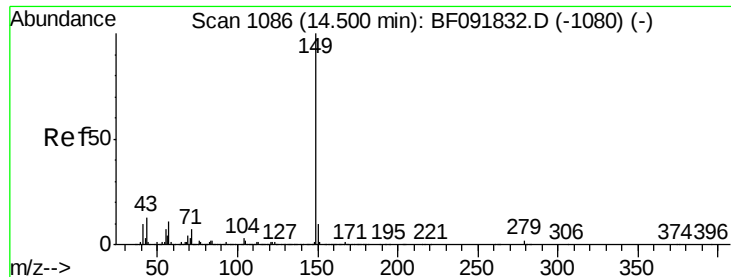


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

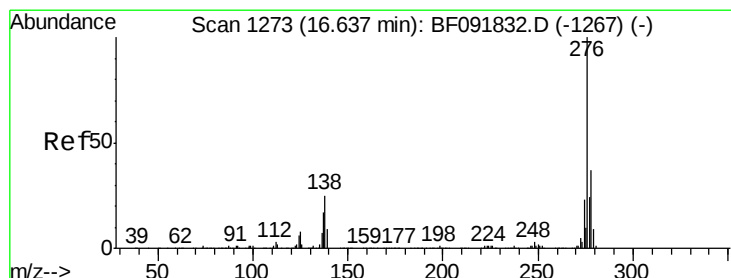
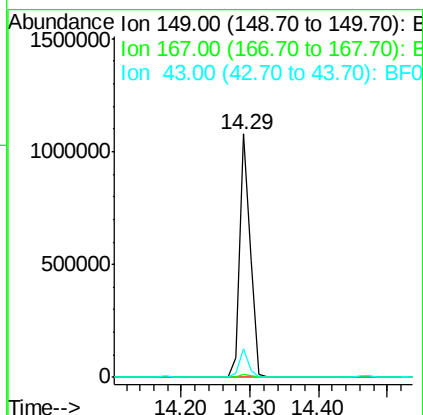
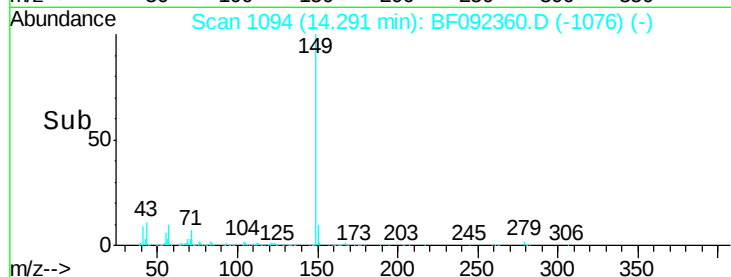
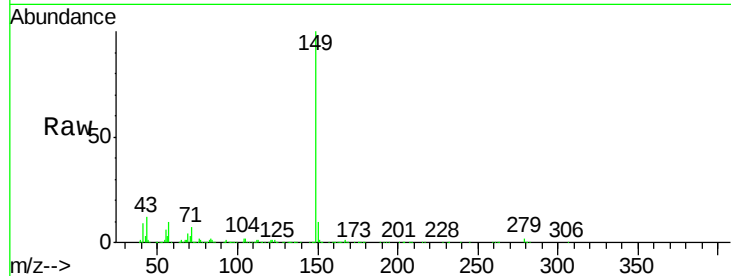




#84
Di-n-octyl phthalate
Concen: 50.30 ng
RT: 14.29 min Scan# 1094
Delta R.T. -0.10 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

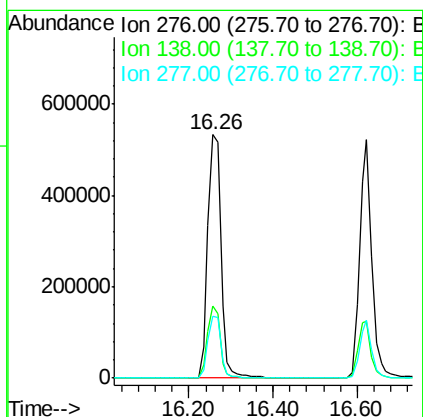
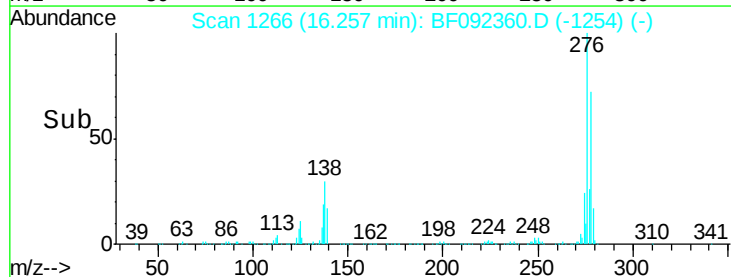
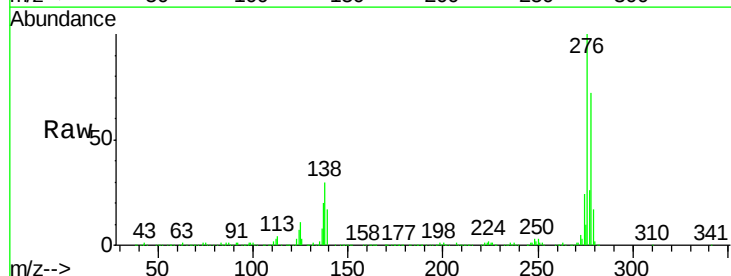
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

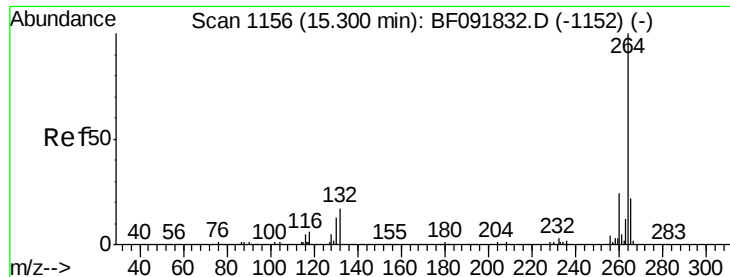
Tgt Ion:149 Resp: 1169314
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.0 8.9 13.3



#85
Indeno(1,2,3-cd)pyrene
Concen: 75.13 ng
RT: 16.26 min Scan# 1266
Delta R.T. -0.17 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

Tgt Ion:276 Resp: 1176902
Ion Ratio Lower Upper
276 100
138 28.7 21.8 32.6
277 25.1 20.2 30.4





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.03 min Scan# 1159

Delta R.T. -0.11 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

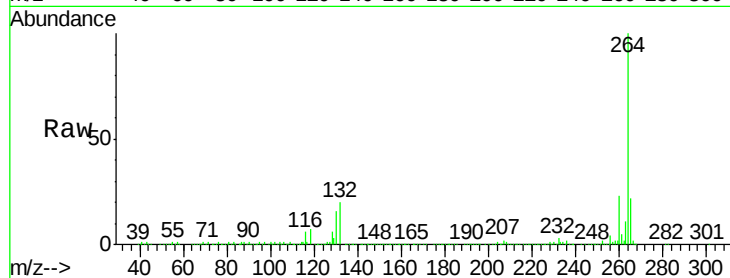
Tgt Ion:264 Resp: 383816

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

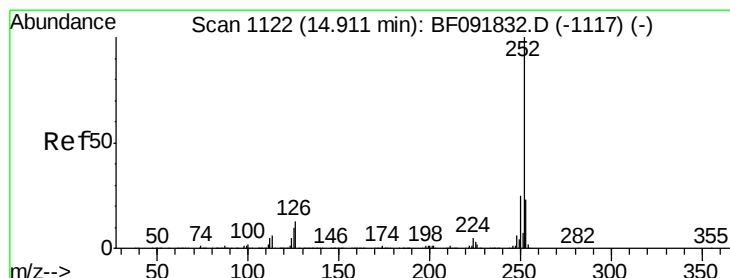
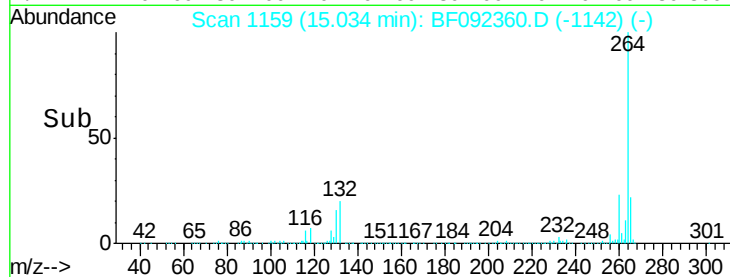
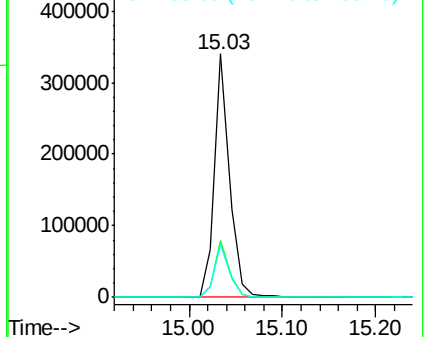
265 21.7 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 83.49 ng

RT: 14.70 min Scan# 1130

Delta R.T. -0.08 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

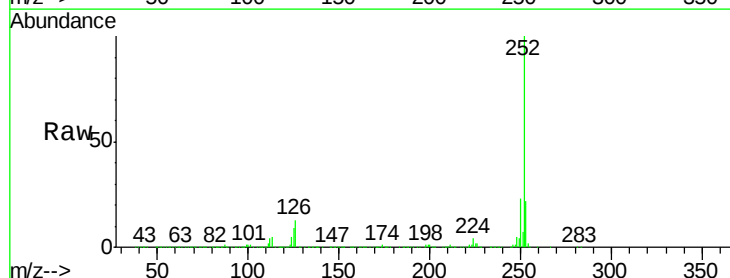
Tgt Ion:252 Resp: 1995098

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

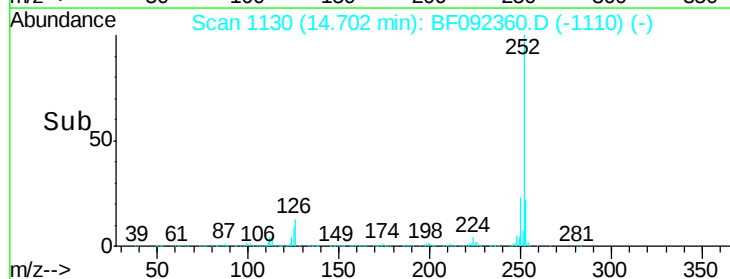
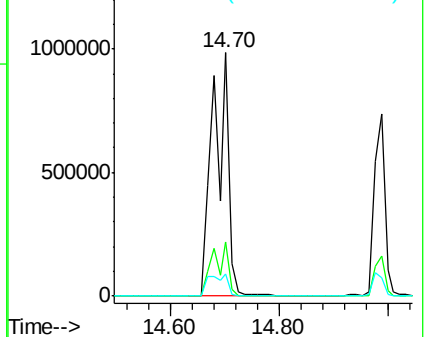
125 9.2 9.8 14.6#

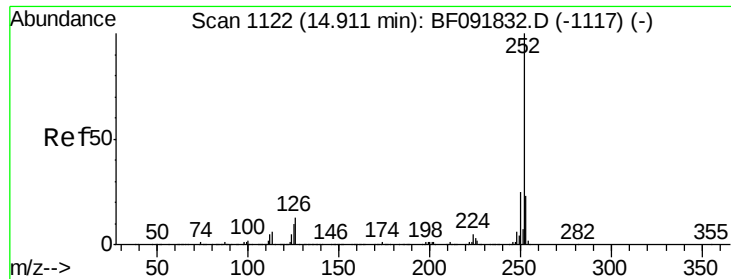


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

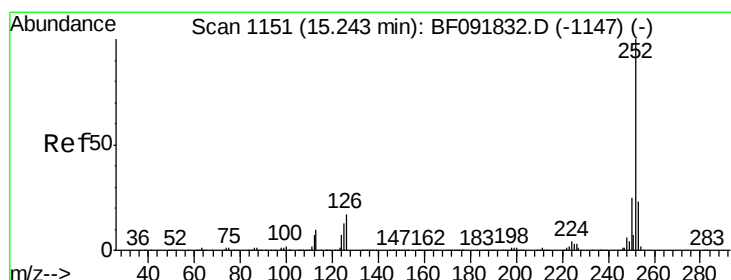
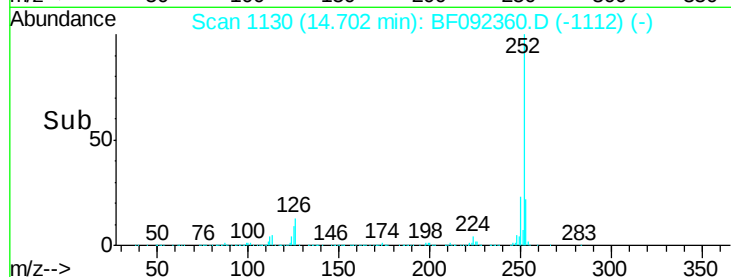
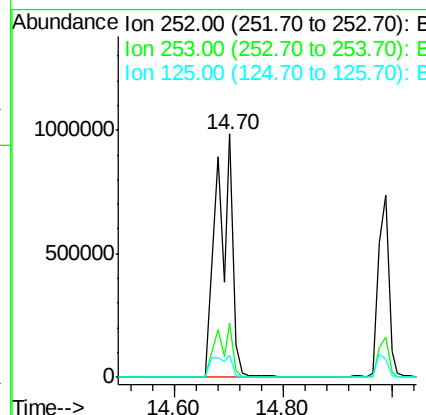
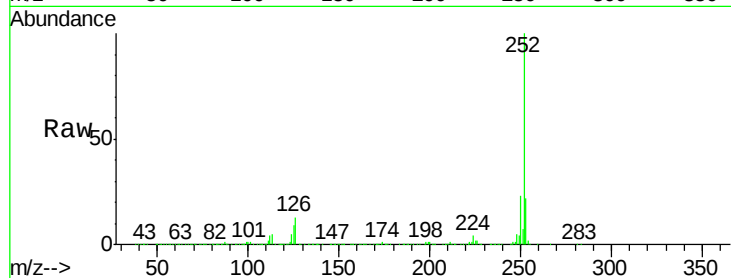




#88
Benzo(k)fluoranthene
Concen: 97.91 ng
RT: 14.70 min Scan# 1130
Delta R.T. -0.10 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

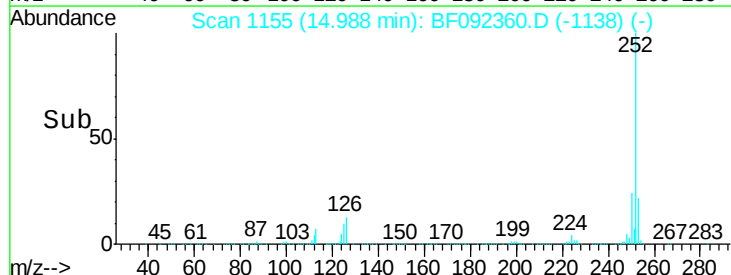
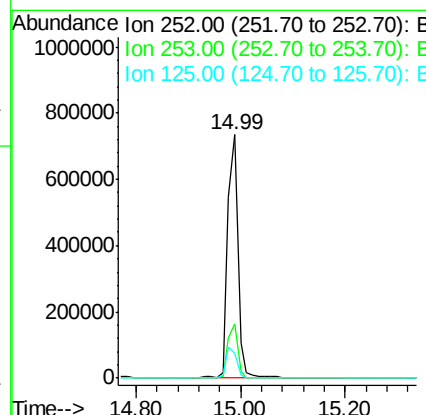
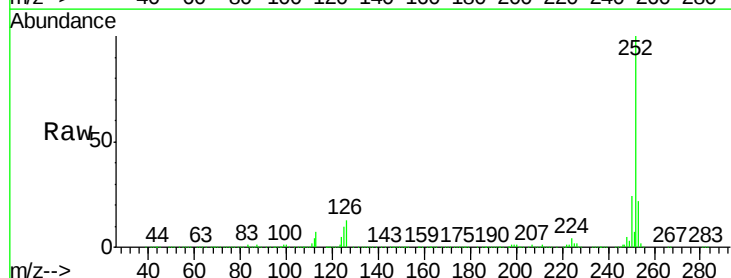
Instrument :
BNA_F
ClientSampleId :
MH-0-12FT-COMPMSD

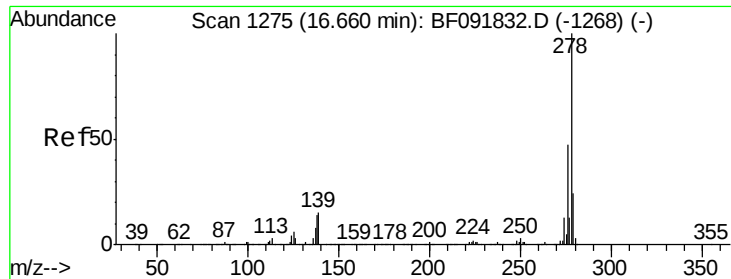
Tgt Ion:252 Resp: 1995098
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 9.2 8.9 13.3



#89
Benzo(a)pyrene
Concen: 47.09 ng
RT: 14.99 min Scan# 1155
Delta R.T. -0.11 min
Lab File: BF092360.D
Acq: 18 Jan 2017 19:29

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#





#90

Dibenzo(a,h)anthracene

Concen: 54.41 ng

RT: 16.27 min Scan# 1267

Delta R.T. -0.17 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

Instrument :

BNA_F

ClientSampleId :

MH-0-12FT-COMPMSD

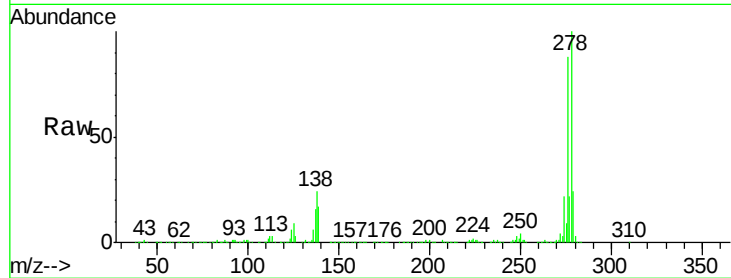
Tgt Ion:278 Resp: 948558

Ion Ratio Lower Upper

278 100

139 16.7 14.8 22.2

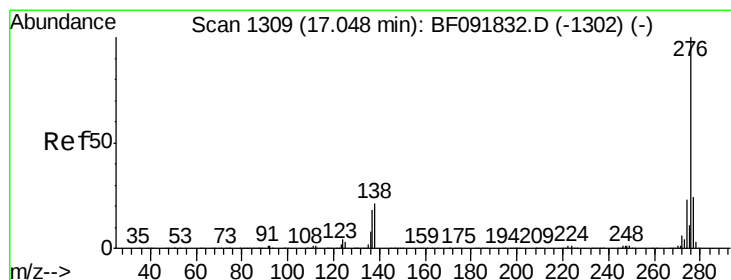
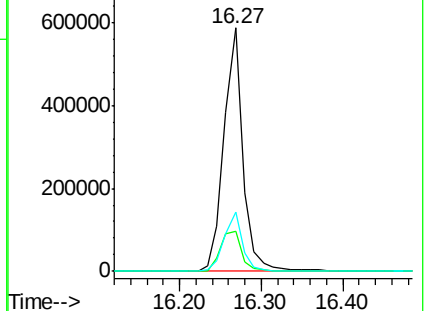
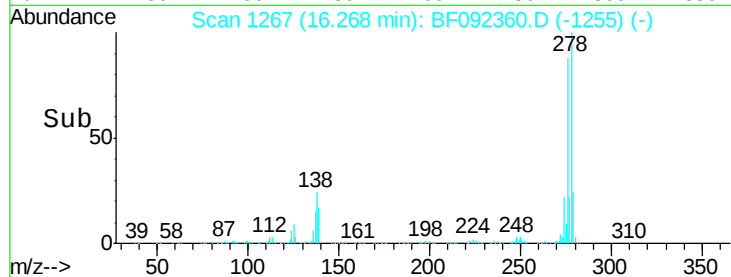
279 24.2 19.8 29.6



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. -0.18 min

Lab File: BF092360.D

Acq: 18 Jan 2017 19:29

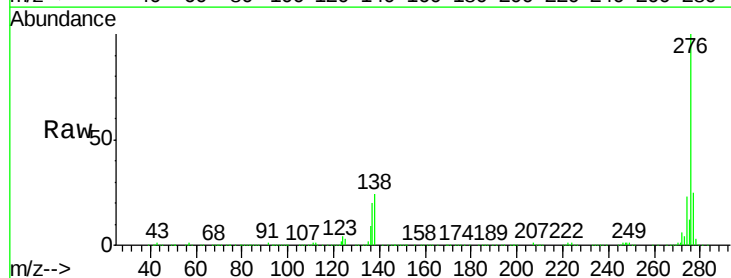
Tgt Ion:276 Resp: 1057105

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

