

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091141.D
 Acq On : 11 Nov 2016 15:44
 Operator : UM/SJ
 Sample : PB94464BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 18:19:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	168336	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	704632	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	361060	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	645732	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	611848	20.00	ng	-0.02
86) Perylene-d12	15.15	264	447107	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	672323	65.96	ng	0.00
7) Phenol-d6	6.29	99	859064	62.10	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1022122	79.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	203055	62.21	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1717083	81.88	ng	-0.02
78) Terphenyl-d14	12.74	244	1703229	69.47	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.21	88	168793	28.95	ng	# 95
3) Pyridine	2.85	79	439682	32.24	ng	95
4) n-Nitrosodimethylamine	2.81	42	179798	33.32	ng	96
6) Aniline	6.30	93	361892	22.18	ng	# 62
8) 2-Chlorophenol	6.43	128	475345	39.10	ng	89
9) Benzaldehyde	6.20	77	38431	5.00	ng	97
10) Phenol	6.32	94	529742	34.60	ng	# 63
11) bis(2-Chloroethyl)ether	6.38	93	484932	37.59	ng	93
12) 1,3-Dichlorobenzene	6.58	146	466412	37.93	ng	# 94
13) 1,4-Dichlorobenzene	6.66	146	488487	37.02	ng	96
14) 1,2-Dichlorobenzene	6.81	146	438183	36.19	ng	96
15) Benzyl Alcohol	6.80	79	365629	37.47	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	584926	31.66	ng	86
17) 2-Methylphenol	6.92	107	370330	38.48	ng	98
18) Hexachloroethane	7.15	117	182382	35.72	ng	# 89
19) n-Nitroso-di-n-propylamine	7.07	70	351079	36.62	ng	98
20) 3+4-Methylphenols	7.08	107	479622	41.50	ng	97
22) Acetophenone	7.06	105	634458	39.11	ng	# 96
24) Nitrobenzene	7.23	77	488539	34.25	ng	92
25) Isophorone	7.48	82	937650	37.67	ng	96
26) 2-Nitrophenol	7.55	139	232479	38.51	ng	90
27) 2,4-Dimethylphenol	7.61	122	423157	42.38	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	562223	41.35	ng	98
29) 2,4-Dichlorophenol	7.80	162	373598	42.88	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	373091	38.08	ng	97
31) Naphthalene	7.95	128	1283224	38.08	ng	99
32) Benzoic acid	7.76	122	209615	29.14	ng	98
33) 4-Chloroaniline	8.02	127	171448	12.23	ng	98
34) Hexachlorobutadiene	8.08	225	219878	41.58	ng	98
35) Caprolactam	8.38	113	67674	24.72	ng	94
36) 4-Chloro-3-methylphenol	8.51	107	402913	38.20	ng	90
37) 2-Methylnaphthalene	8.65	142	870398	40.18	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	354505	38.51	ng	99
40) Hexachlorocyclopentadiene	8.80	237	311482	86.62	ng	97

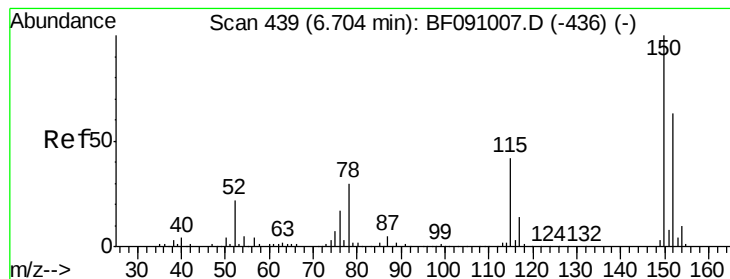
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	243386	40.96	nq	98
43) 2,4,5-Trichlorophenol	8.98	196	266190	42.66	nq	# 93
45) 1,1'-Biphenyl	9.10	154	989993	37.55	nq	98
46) 2-Chloronaphthalene	9.13	162	768819	38.41	nq	97
47) 2-Nitroaniline	9.24	65	288937	38.90	nq	# 81
48) Acenaphthylene	9.54	152	1168189	37.45	nq	100
49) Dimethylphthalate	9.42	163	966345	40.82	nq	98
50) 2,6-Dinitrotoluene	9.48	165	225906	44.52	nq	# 77
51) Acenaphthene	9.71	154	694389	35.46	nq	99
52) 3-Nitroaniline	9.65	138	114934	19.10	nq	84
53) 2,4-Dinitrophenol	9.77	184	197626	72.17	nq	91
54) Dibenzofuran	9.88	168	1120174	42.49	nq	98
55) 4-Nitrophenol	9.84	139	282506	71.18	nq	# 85
56) 2,4-Dinitrotoluene	9.88	165	276283	42.80	nq	# 51
57) Fluorene	10.22	166	819909	38.05	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	204595	41.86	nq	98
59) Diethylphthalate	10.12	149	951367	39.19	nq	97
60) 4-Chlorophenyl-phenylether	10.22	204	423220	43.15	nq	92
61) 4-Nitroaniline	10.27	138	234511	38.53	nq	91
62) Azobenzene	10.38	77	1168581	40.90	nq	94
64) 4,6-Dinitro-2-methylphenol	10.29	198	144457	36.53	nq	# 42
65) n-Nitrosodiphenylamine	10.35	169	816724	39.79	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	237566	35.37	nq	94
67) Hexachlorobenzene	10.77	284	279748	37.76	nq	97
68) Atrazine	10.88	200	216174	36.51	nq	95
69) Pentachlorophenol	10.98	266	261289	79.64	nq	99
70) Phenanthrene	11.19	178	1354556	39.46	nq	100
71) Anthracene	11.23	178	1319602	36.16	nq	100
72) Carbazole	11.39	167	1253616	38.12	nq	99
73) Di-n-butylphthalate	11.73	149	1494548	36.13	nq	99
74) Fluoranthene	12.36	202	1276715	35.86	nq	98
76) Benzidine	12.50	184	559483	40.93	nq	97
77) Pyrene	12.59	202	1312543	32.76	nq	100
79) Butylbenzylphthalate	13.22	149	647981	33.81	nq	95
80) Benzo(a)anthracene	13.78	228	1211724	34.88	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	207109	16.97	nq	# 98
82) Chrysene	13.81	228	1073486	31.34	nq	98
83) Bis(2-ethylhexyl)phthalate	13.78	149	790030	30.46	nq	99
84) Di-n-octyl phthalate	14.40	149	1527711	35.82	nq	96
85) Indeno(1,2,3-cd)pyrene	16.43	276	973446	34.25	nq	97
87) Benzo(b)fluoranthene	14.81	252	2273892	74.99	nq	98
88) Benzo(k)fluoranthene	14.81	252	2275653	85.55	nq	98
89) Benzo(a)pyrene	15.11	252	1049961	39.77	nq	100
90) Dibenzo(a,h)anthracene	16.44	278	824794	36.14	nq	98
91) Benzo(g,h,i)perylene	16.81	276	739880	35.85	nq	97

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

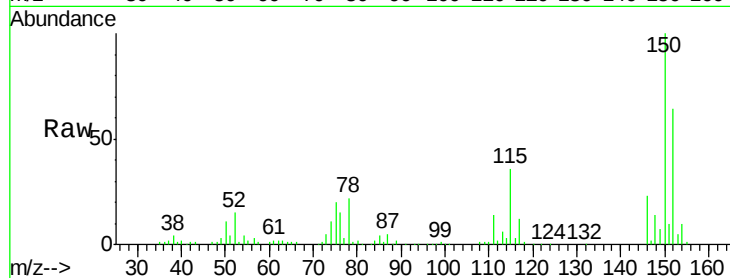


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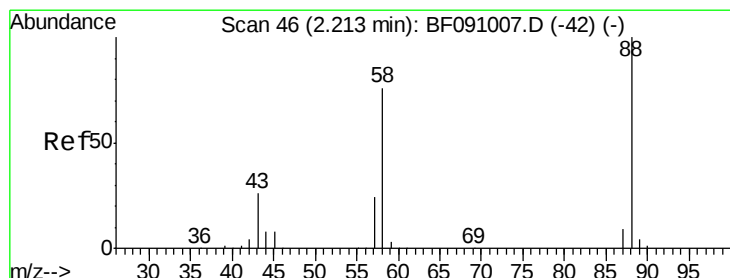
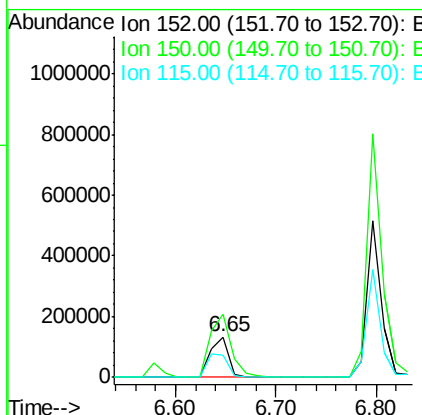
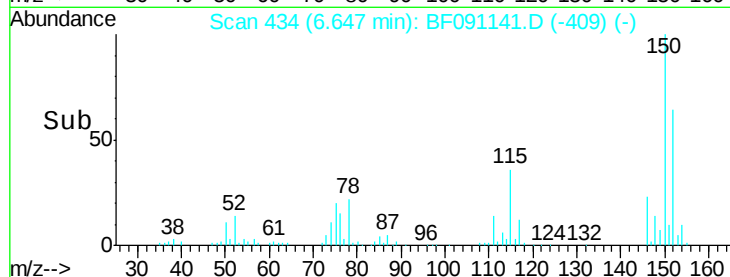
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 168336
Ion Ratio Lower Upper
152 100
150 156.5 126.8 190.2
115 56.4 53.3 79.9



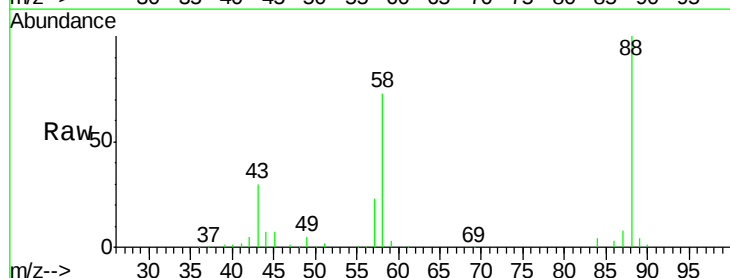
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



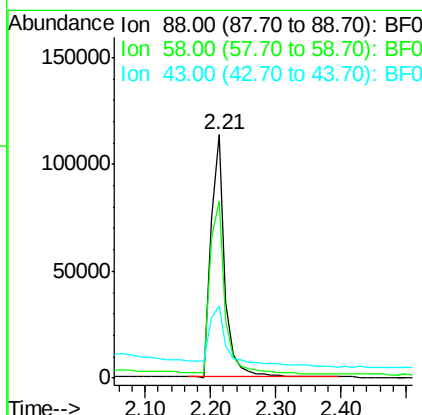
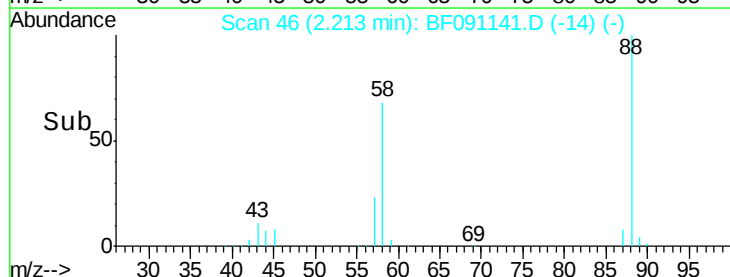
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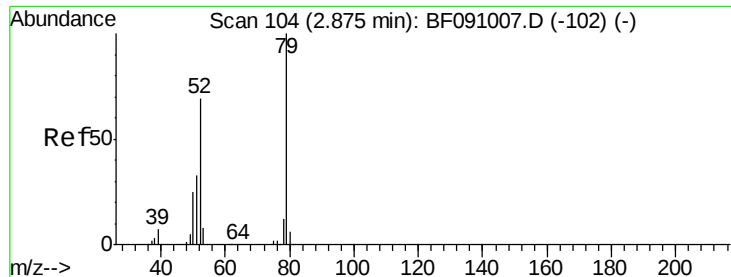
1,4-Dioxane
Concen: 28.95 ng
RT: 2.21 min Scan# 46
Delta R.T. 0.07 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion: 88 Resp: 168793
Ion Ratio Lower Upper
88 100
58 78.3 63.8 95.6
43 34.9 22.6 33.8#



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





#3

Pvridine

Concen: 32.24 ng

RT: 2.85 min Scan# 102

Delta R.T. 0.07 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

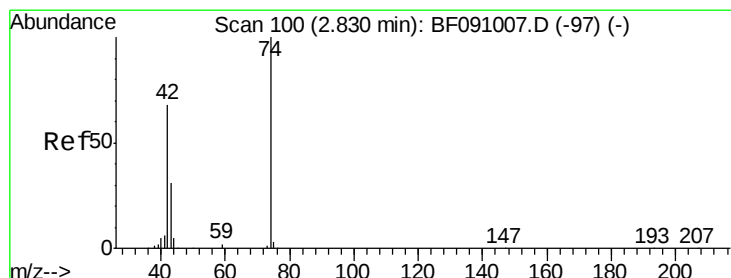
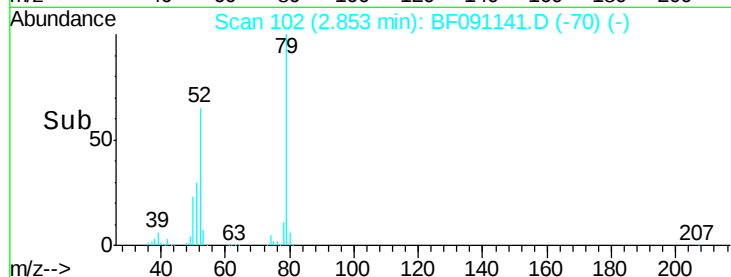
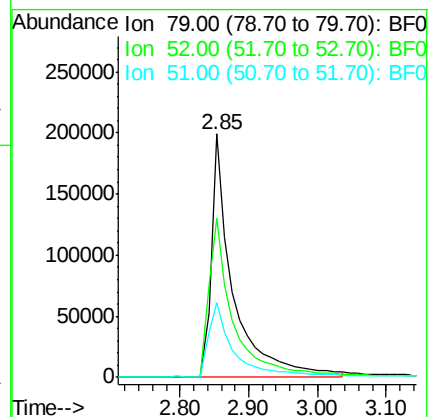
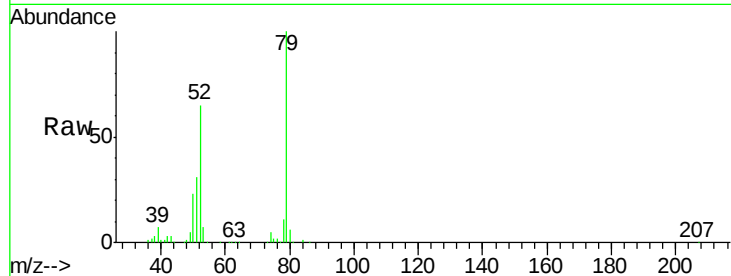
Tot Ion: 79 Resp: 439682

Ion Ratio Lower Upper

79 100

52 65.3 55.4 83.0

51 30.9 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 33.32 ng

RT: 2.81 min Scan# 98

Delta R.T. 0.06 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

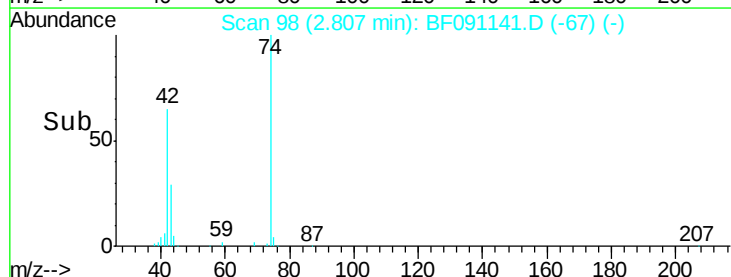
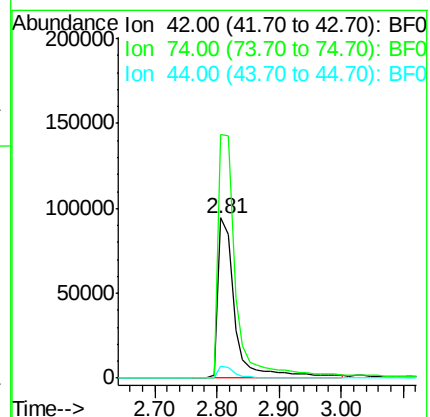
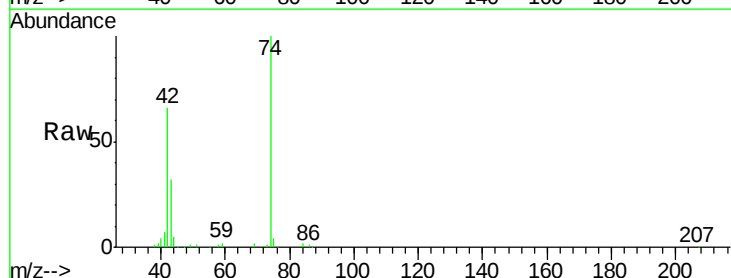
Tgt Ion: 42 Resp: 179798

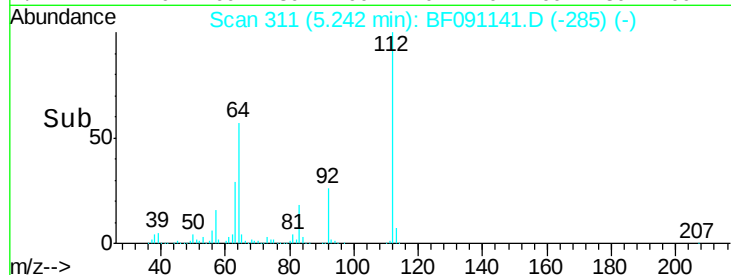
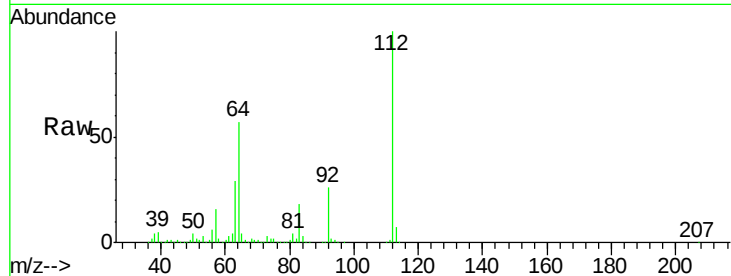
Ion Ratio Lower Upper

42 100

74 152.3 117.3 175.9

44 7.4 5.8 8.8

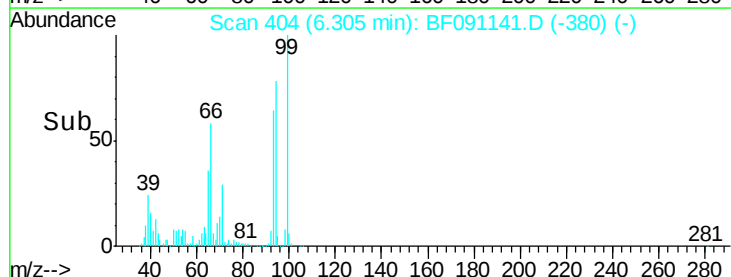
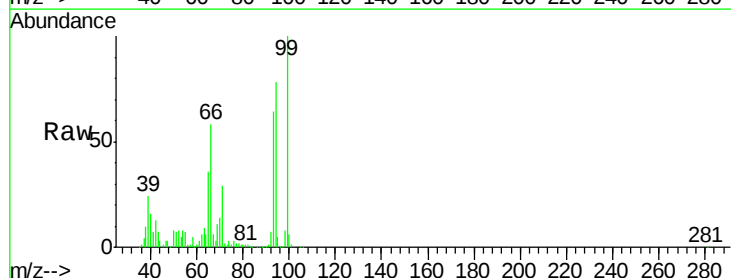
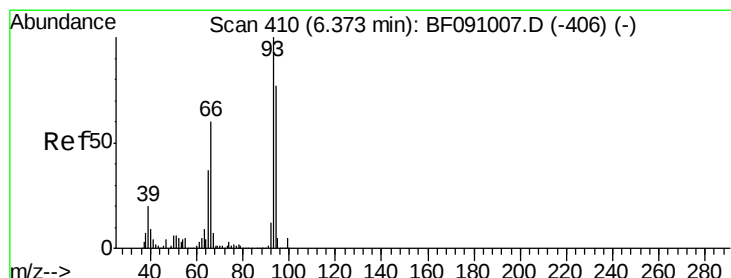
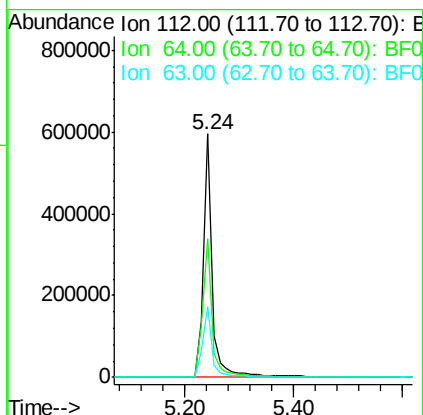




#5
2-Fluorophenol
Concen: 65.96 ng
RT: 5.24 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

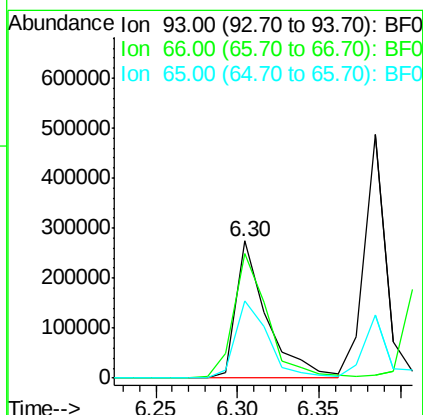
Instrument :
BNA_F
ClientSampleId :

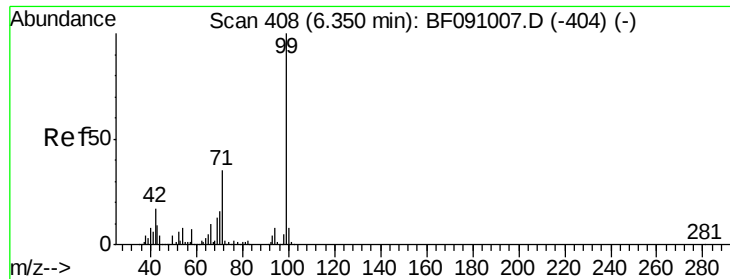
Tot Ion	Ratio	Lower	Upper
112	100		
64	57.1	55.8	83.6
63	29.0	28.0	42.0



#6
Aniline
Concen: 22.18 ng
RT: 6.30 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
93	100		
66	90.7	48.2	72.2#
65	56.6	29.4	44.0#





#7

Phenol-d6

Concen: 62.10 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

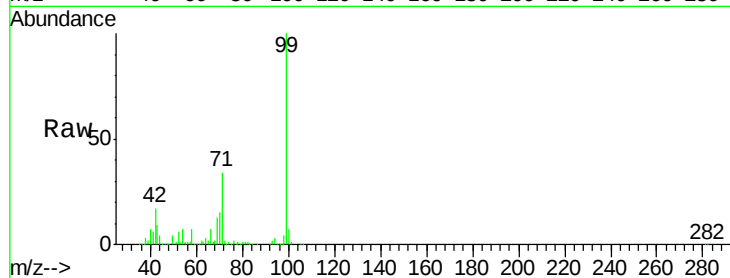
Tot Ion: 99 Resp: 859064

Ion Ratio Lower Upper

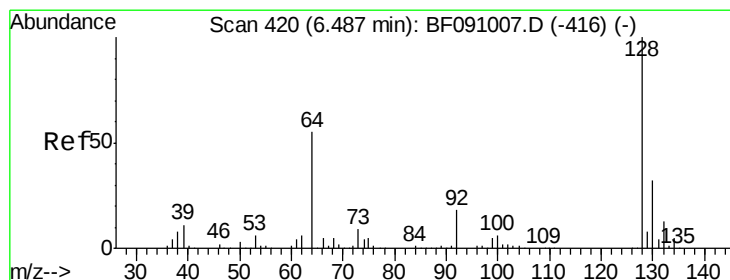
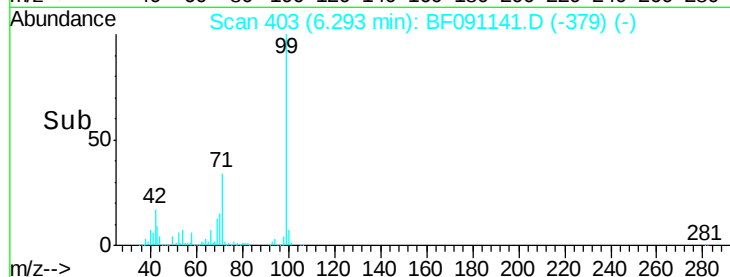
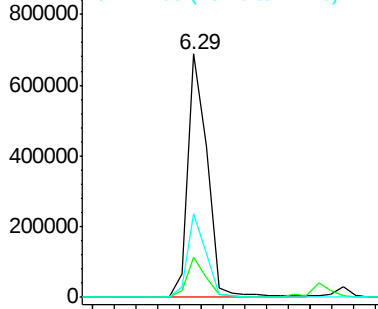
99 100

42 16.6 13.9 20.9

71 34.2 27.8 41.8



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



#8

2-Chlorophenol

Concen: 39.10 ng

RT: 6.43 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

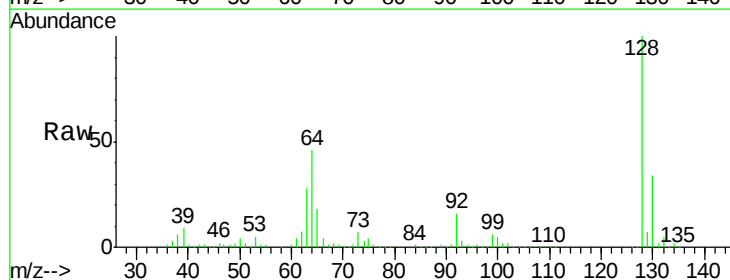
Tgt Ion: 128 Resp: 475345

Ion Ratio Lower Upper

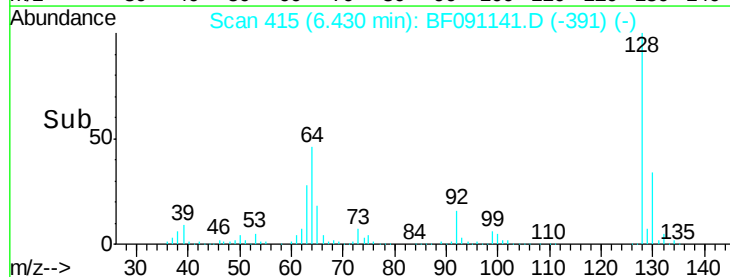
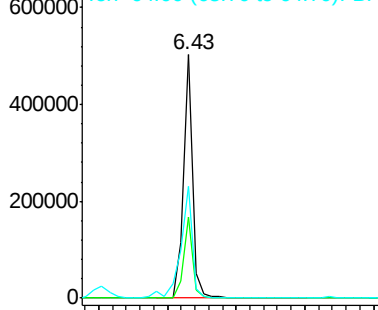
128 100

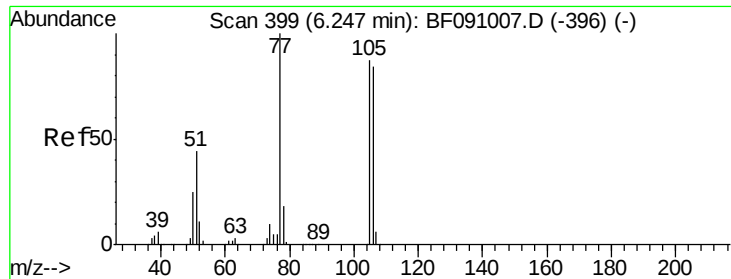
130 33.5 12.0 52.0

64 46.0 37.2 77.2



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





#9

Benzaldehyde

Concen: 5.00 ng

RT: 6.20 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

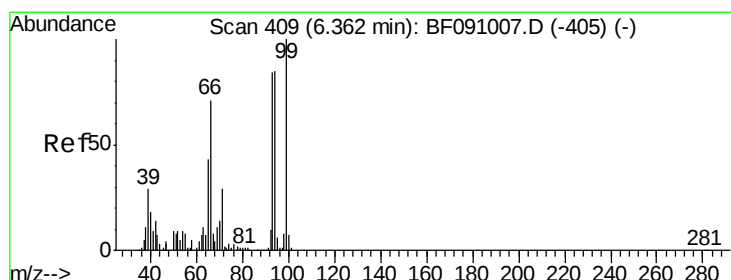
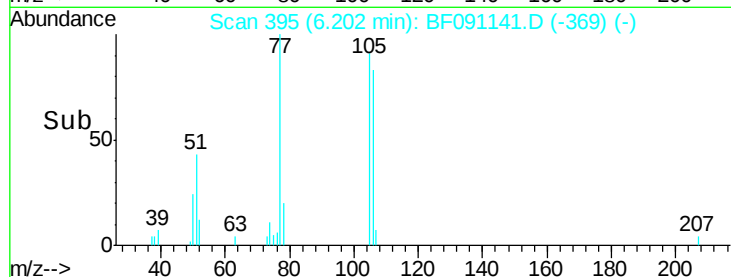
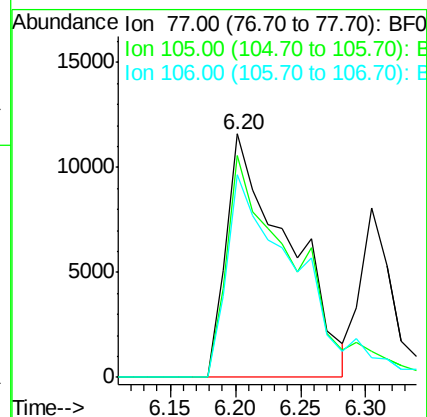
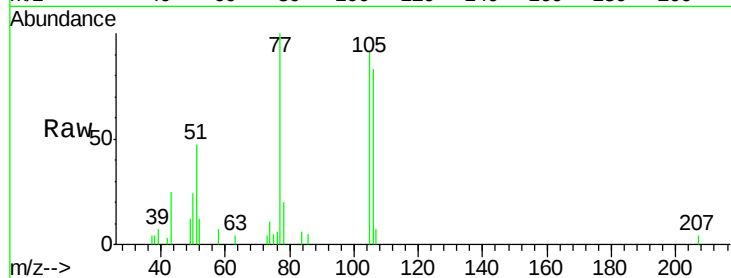
Tot Ion: 77 Resp: 38431

Ion Ratio Lower Upper

77 100

105 91.1 66.8 106.8

106 83.5 64.0 104.0



#10

Phenol

Concen: 34.60 ng

RT: 6.32 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

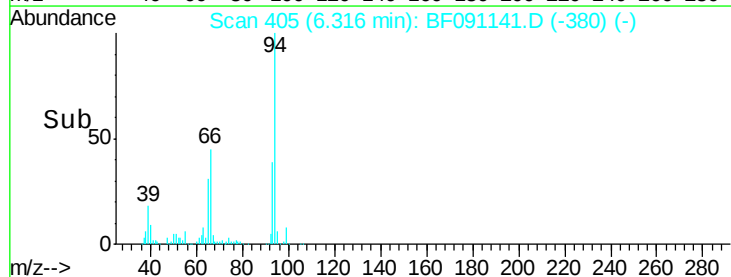
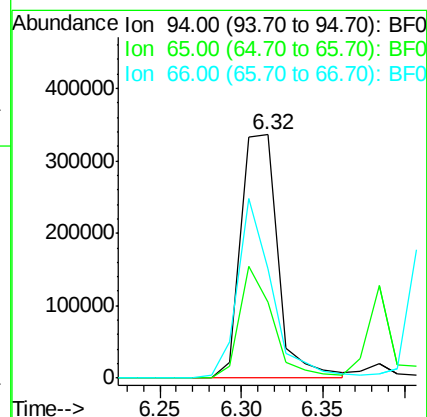
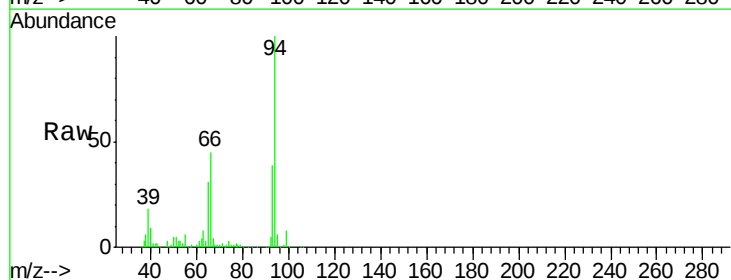
Tgt Ion: 94 Resp: 529742

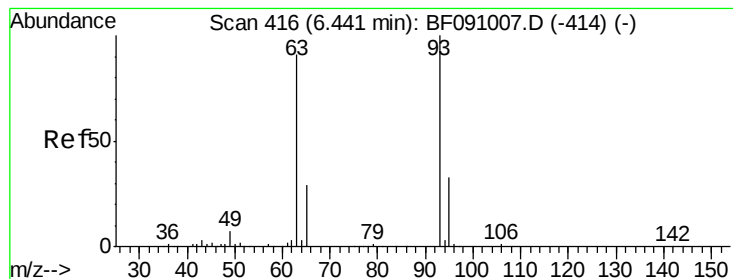
Ion Ratio Lower Upper

94 100

65 31.0 30.4 70.4

66 44.9 62.9 102.9#

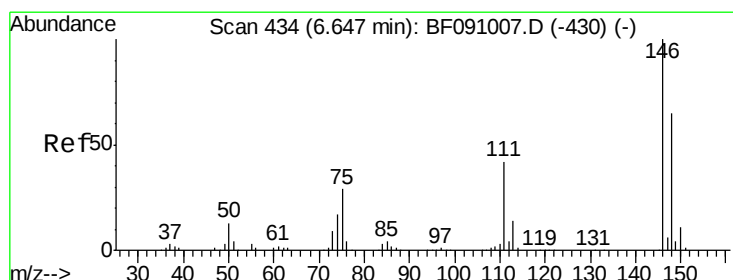
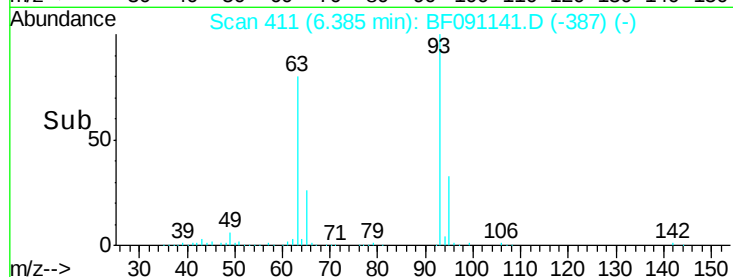
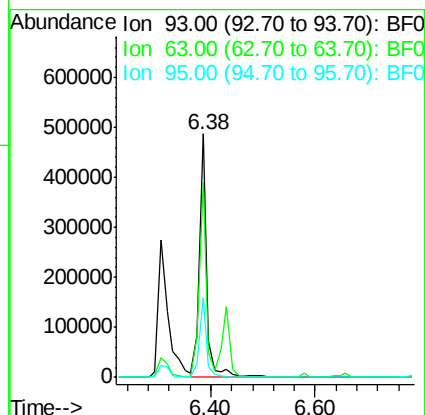
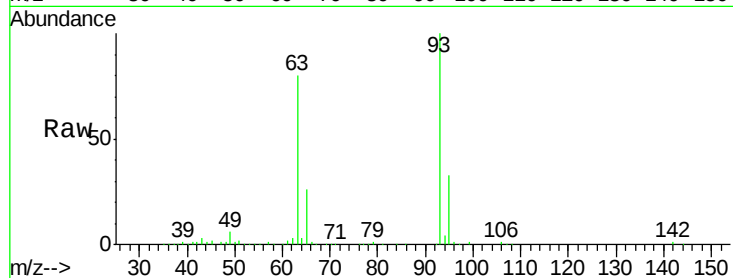




#11
bis(2-Chloroethyl)ether
Concen: 37.59 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

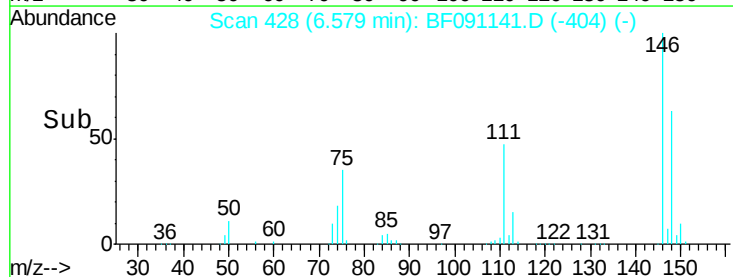
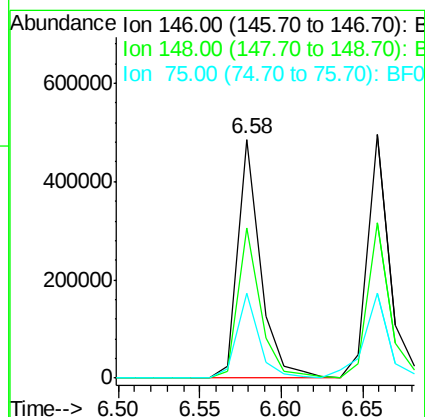
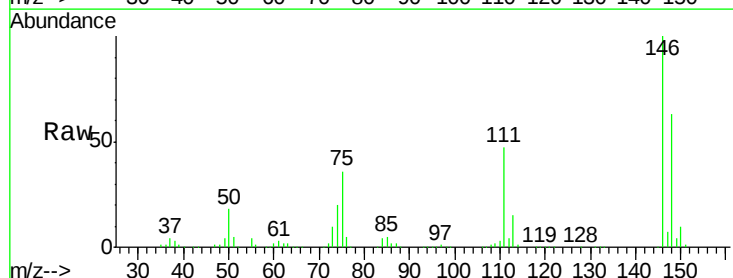
Instrument :
BNA_F
ClientSampleId :

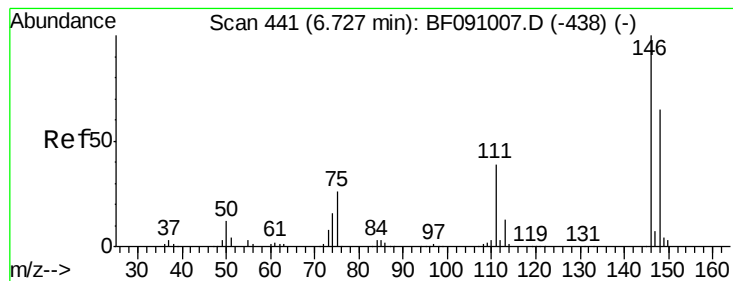
Tot Ion: 93 Resp: 484932
Ion Ratio Lower Upper
93 100
63 80.1 68.9 108.9
95 33.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.93 ng
RT: 6.58 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion: 146 Resp: 466412
Ion Ratio Lower Upper
146 100
148 63.1 52.0 78.0
75 35.7 23.0 34.6#





#13

1,4-Dichlorobenzene

Concen: 37.02 ng

RT: 6.66 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

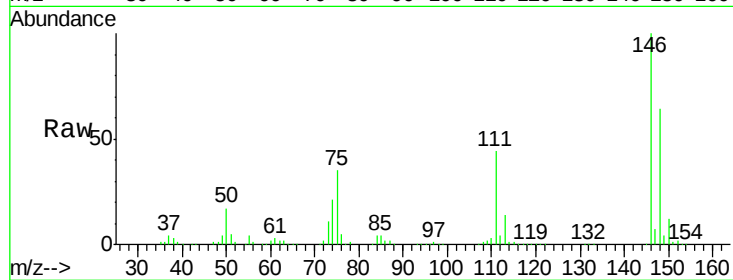
Tot Ion:146 Resp: 488487

Ion Ratio Lower Upper

146 100

148 63.8 52.1 78.1

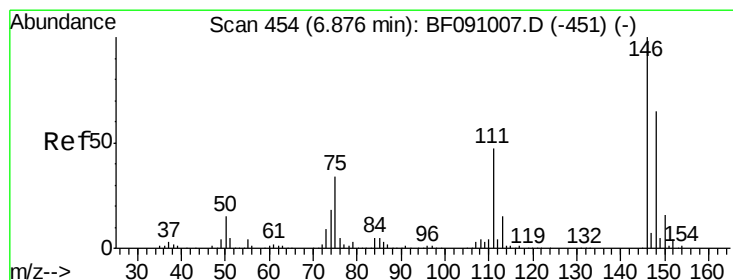
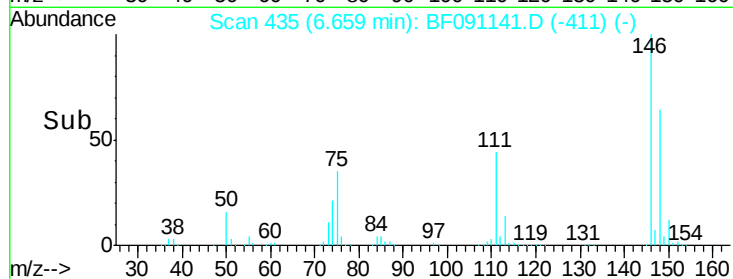
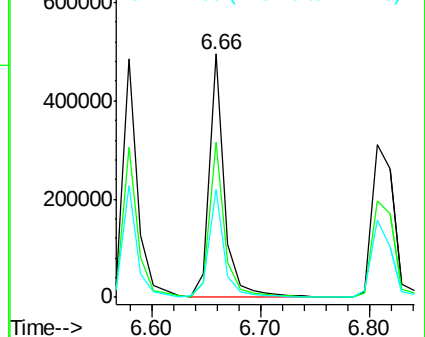
111 44.3 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.19 ng

RT: 6.81 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

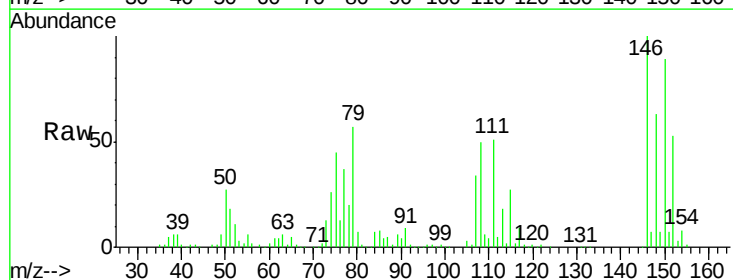
Tgt Ion:146 Resp: 438183

Ion Ratio Lower Upper

146 100

148 63.2 51.6 77.4

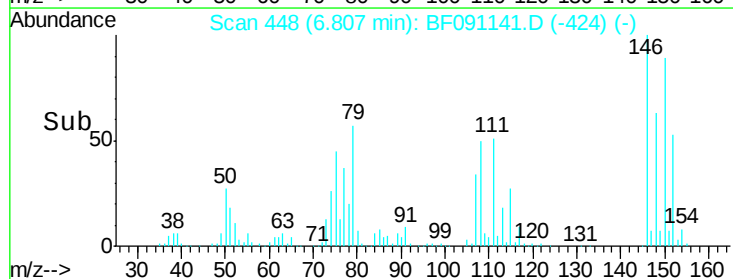
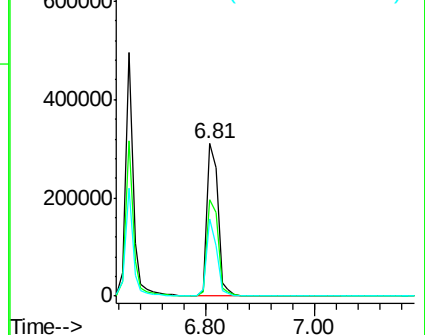
111 50.8 37.3 55.9

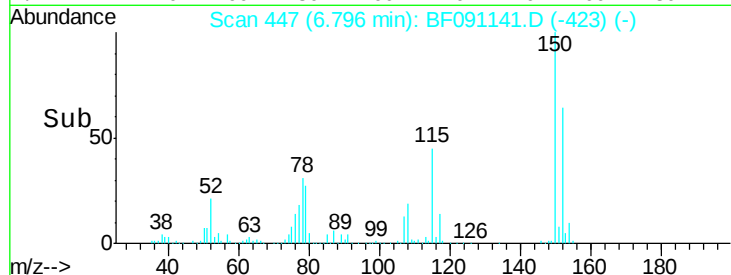
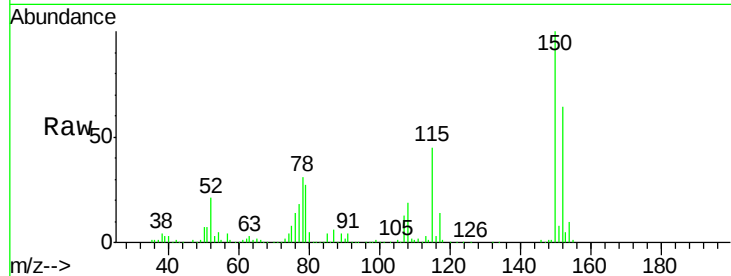
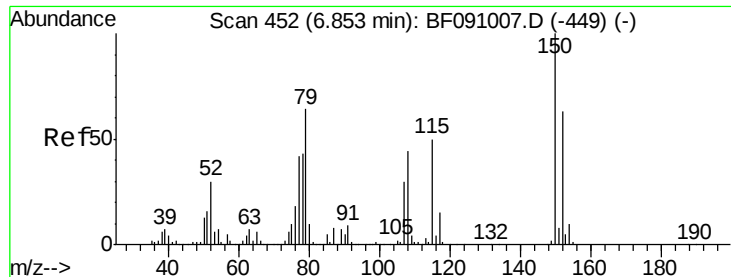


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.47 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

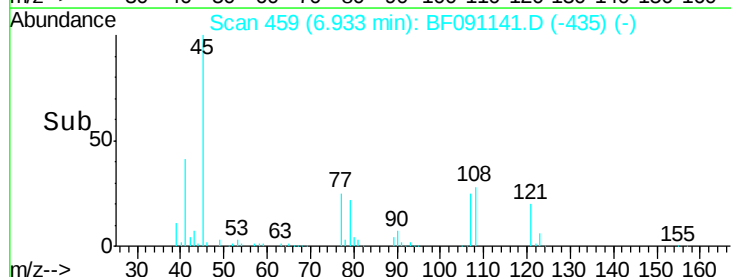
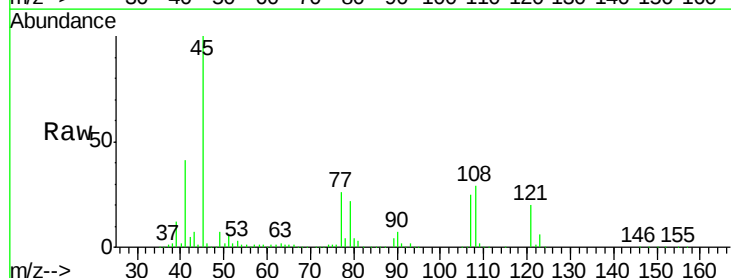
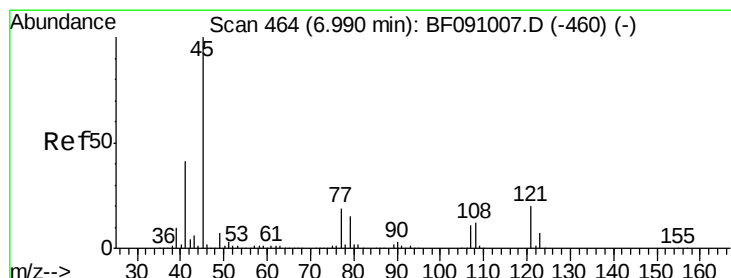
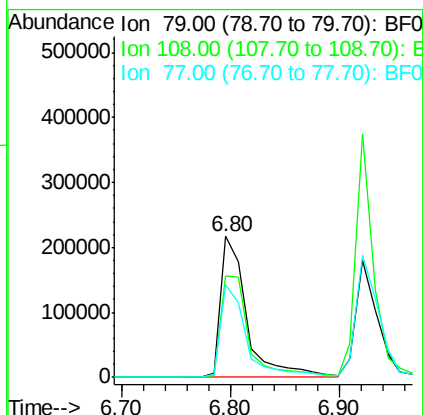
Tot Ion: 79 Resp: 365629

Ion Ratio Lower Upper

79 100

108 71.7 55.7 83.5

77 66.0 52.6 79.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.66 ng

RT: 6.93 min Scan# 459

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

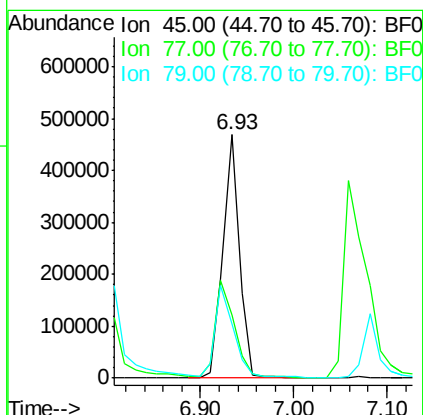
Tgt Ion: 45 Resp: 584926

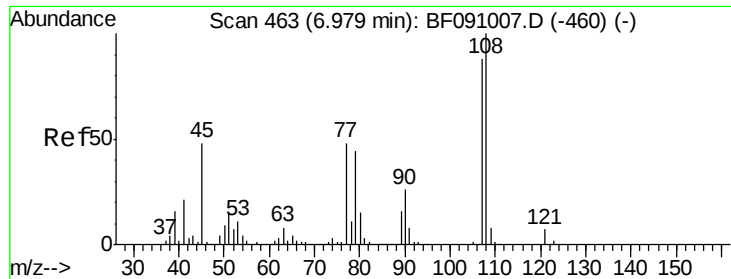
Ion Ratio Lower Upper

45 100

77 25.8 0.0 39.6

79 22.2 0.0 35.9

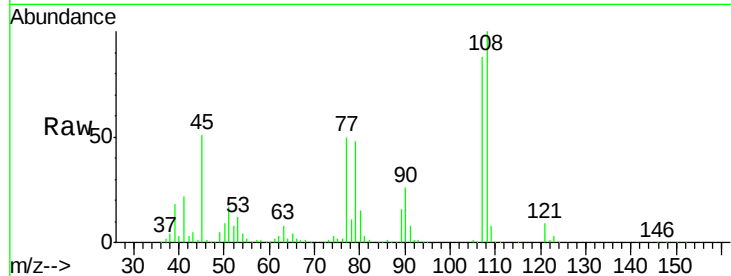




#17
2-Methylphenol
Concen: 38.48 ng
RT: 6.92 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	370330
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.0	136.6
77	56.8	43.8	65.8
79	54.0	40.6	60.8



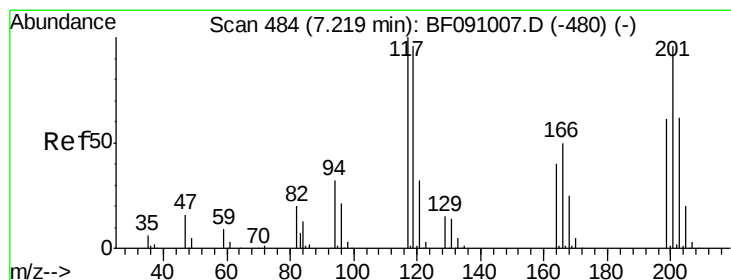
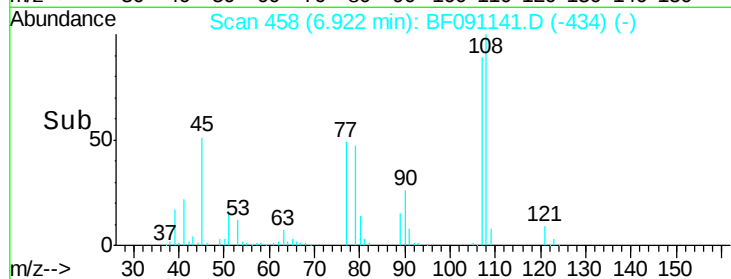
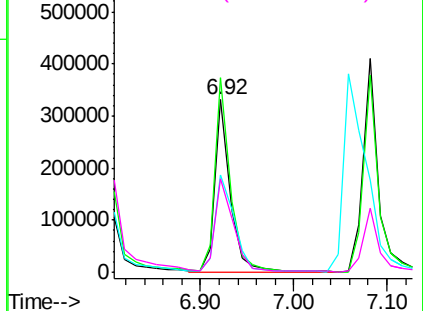
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

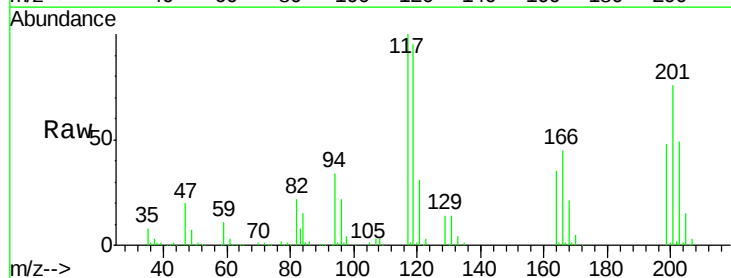
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 35.72 ng
RT: 7.15 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion:	117	Resp:	182382
Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.6	115.0
201	75.8	77.1	115.7#

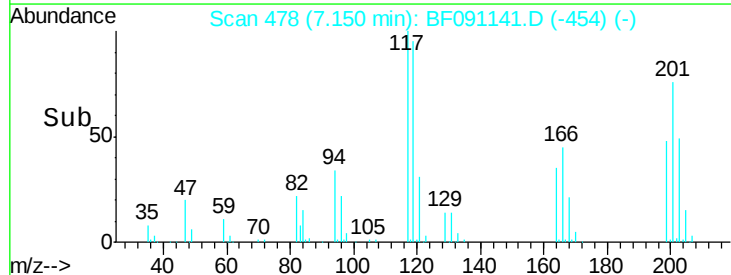
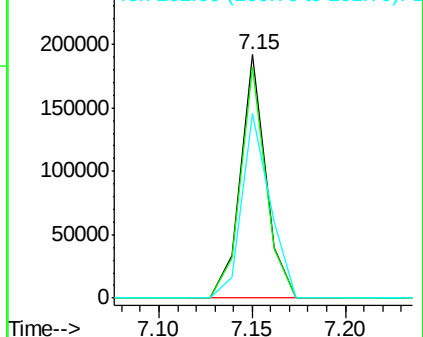


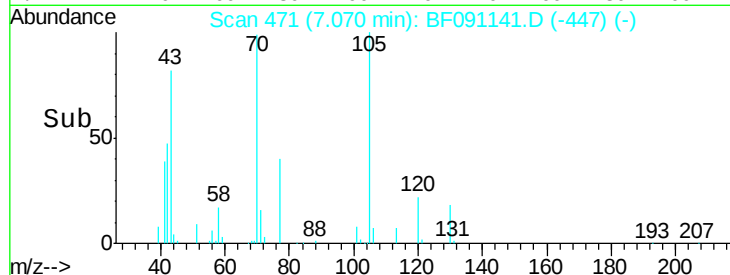
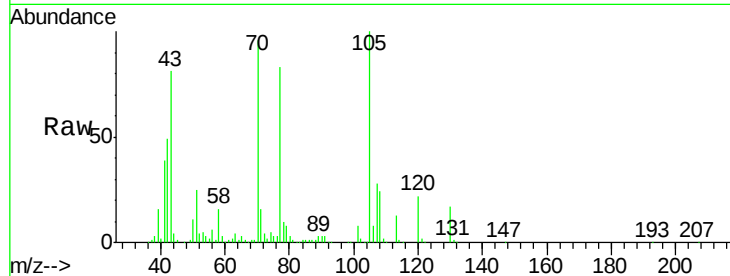
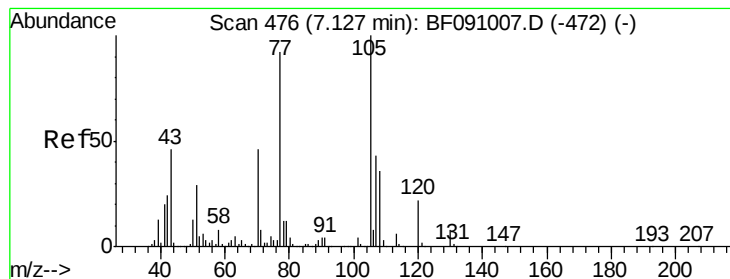
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.62 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 351079

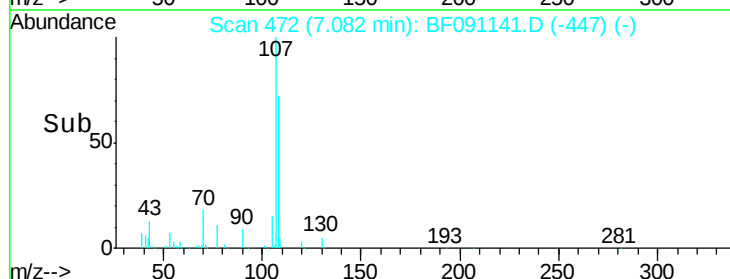
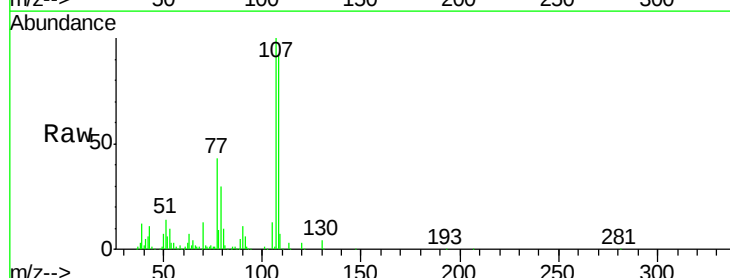
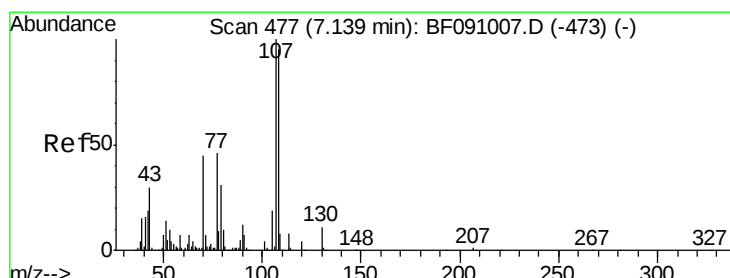
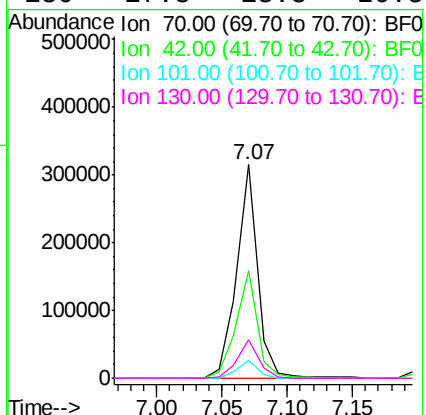
Ion Ratio Lower Upper

70 100

42 50.3 41.7 62.5

101 8.4 6.7 10.1

130 17.8 13.8 20.8



#20

3+4-Methylphenols

Concen: 41.50 ng

RT: 7.08 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Tgt Ion: 107 Resp: 479622

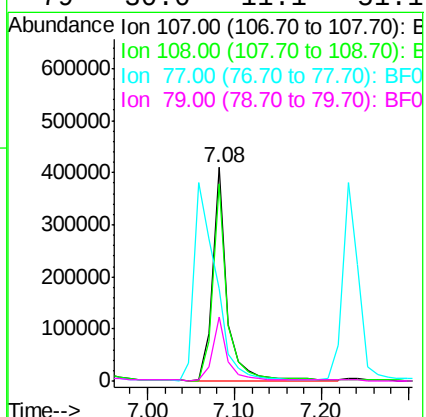
Ion Ratio Lower Upper

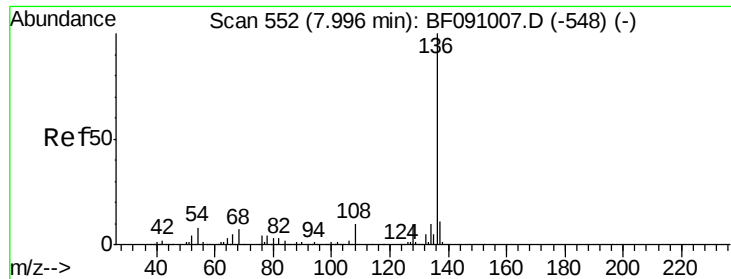
107 100

108 92.4 75.5 115.5

77 43.4 26.4 66.4

79 30.0 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 704632

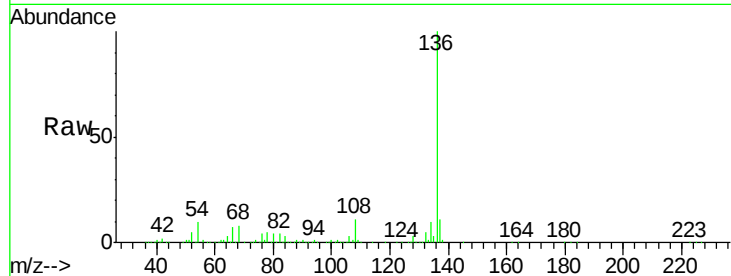
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.7 6.2 9.2#

68 8.3 5.5 8.3#

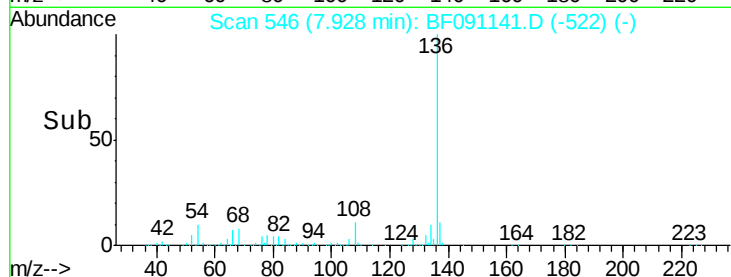


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

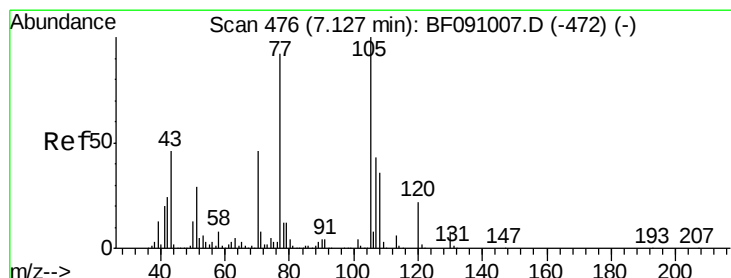
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

7.93



#22

Acetophenone

Concen: 39.11 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Tgt Ion:105 Resp: 634458

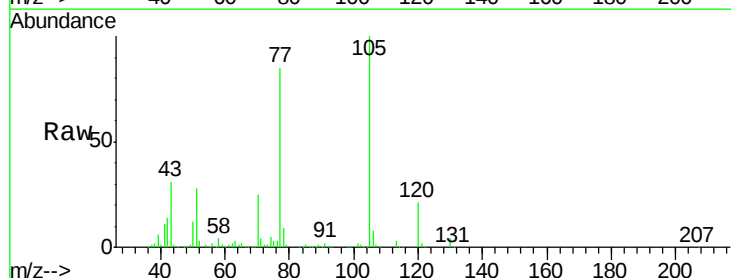
Ion Ratio Lower Upper

105 100

71 4.2 6.2 9.2#

51 27.6 23.3 34.9

120 20.6 17.4 26.0

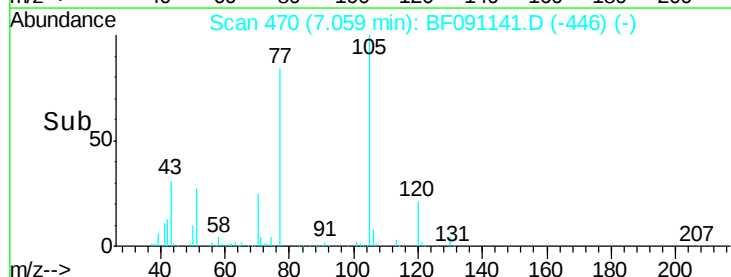


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

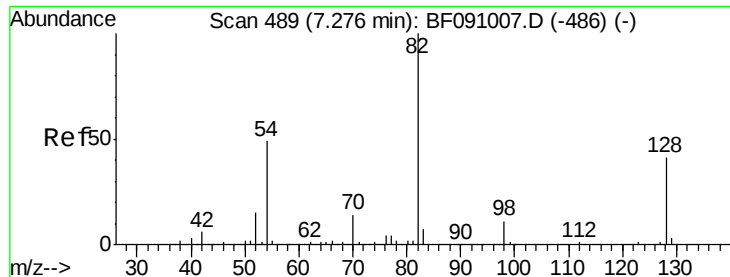
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

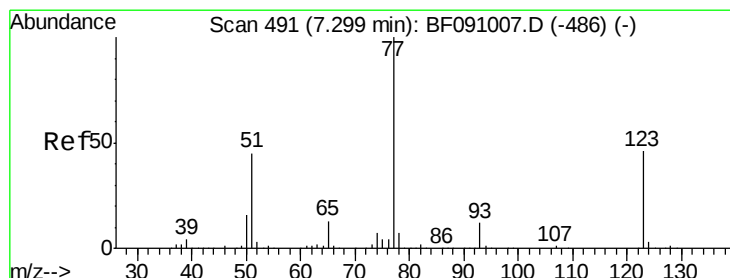
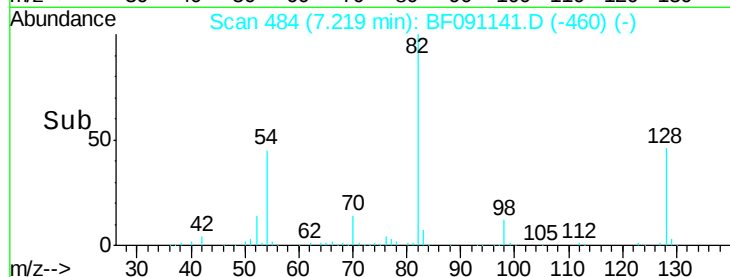
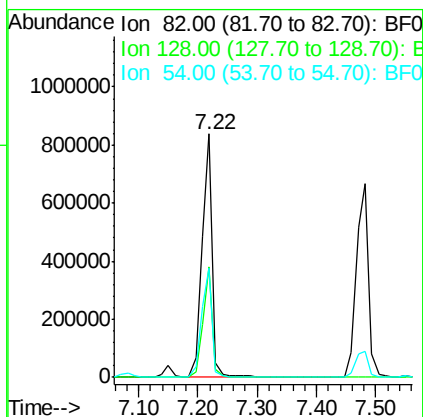
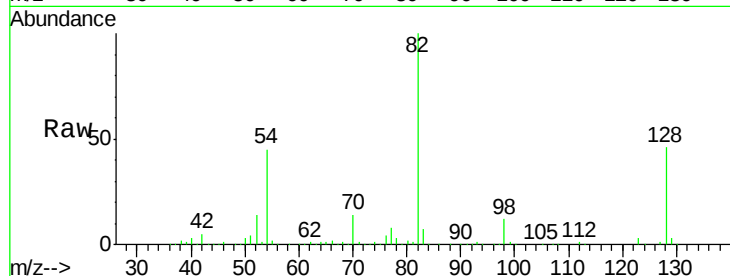
7.06



#23
Nitrobenzene-d5
Concen: 79.13 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

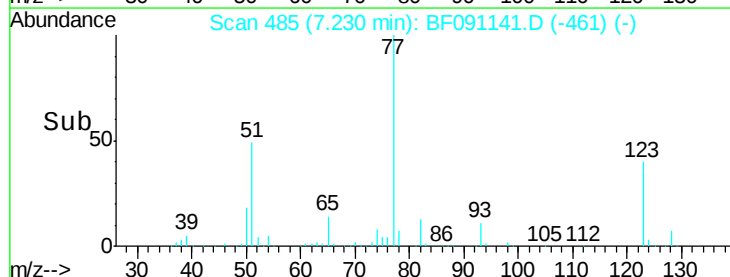
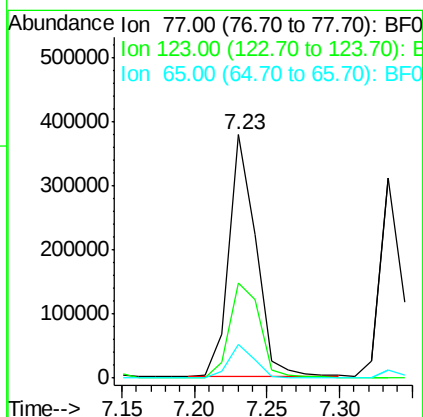
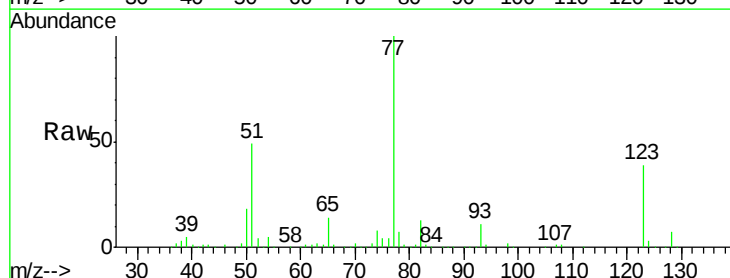
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1022122
Ion Ratio Lower Upper
82 100
128 45.5 32.4 48.6
54 44.8 39.2 58.8



#24
Nitrobenzene
Concen: 34.25 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion: 77 Resp: 488539
Ion Ratio Lower Upper
77 100
123 38.9 36.5 54.7
65 13.8 10.7 16.1





#25

Isophorone

Concen: 37.67 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

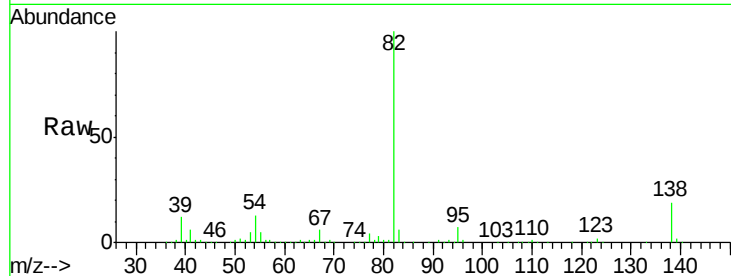
Tot Ion: 82 Resp: 937650

Ion Ratio Lower Upper

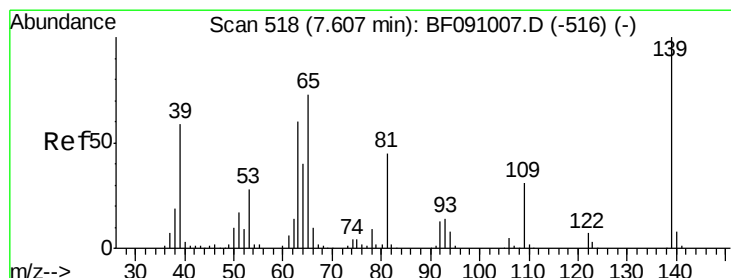
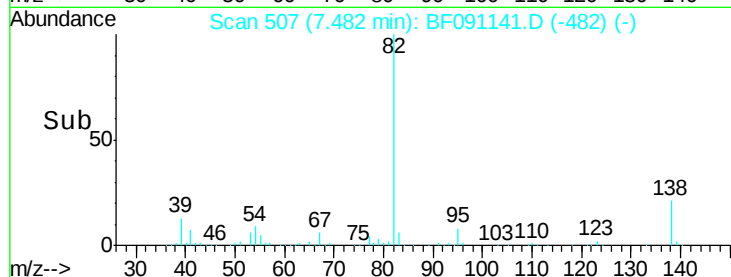
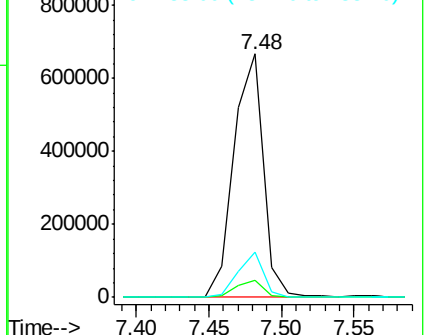
82 100

95 6.8 5.4 8.0

138 18.5 13.0 19.4



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



#26

2-Nitrophenol

Concen: 38.51 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

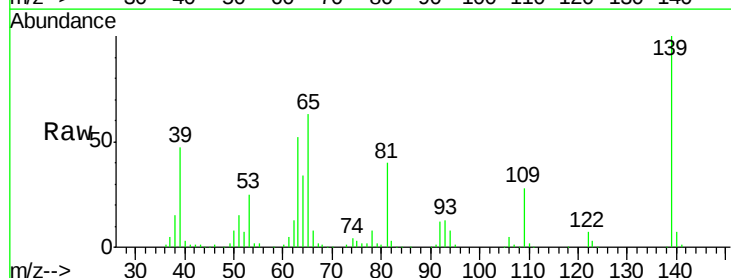
Tgt Ion: 139 Resp: 232479

Ion Ratio Lower Upper

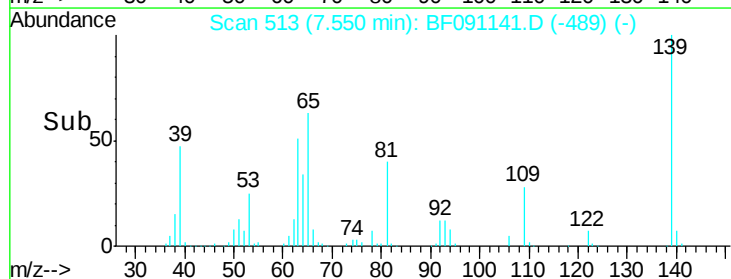
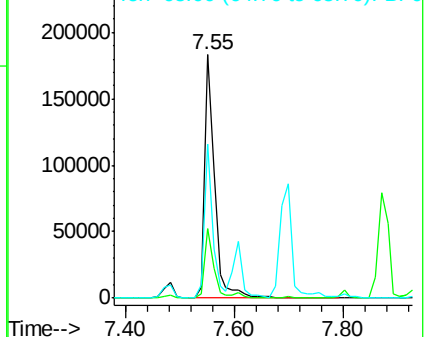
139 100

109 28.5 24.7 37.1

65 63.1 58.3 87.5



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

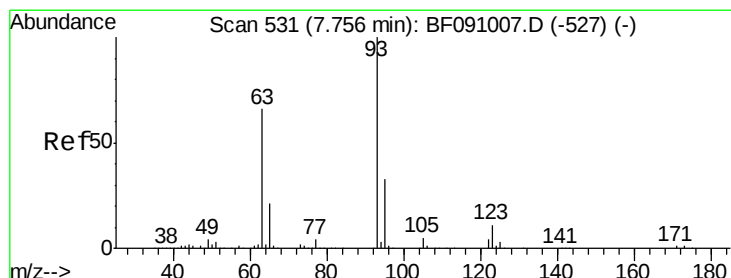
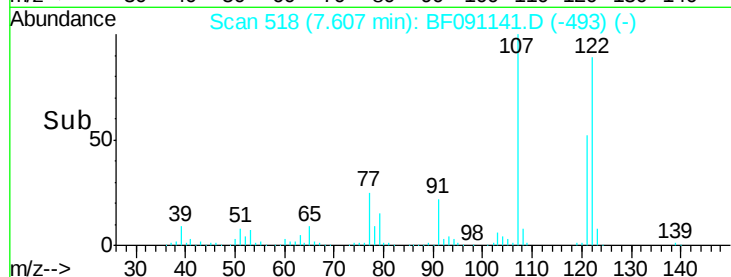
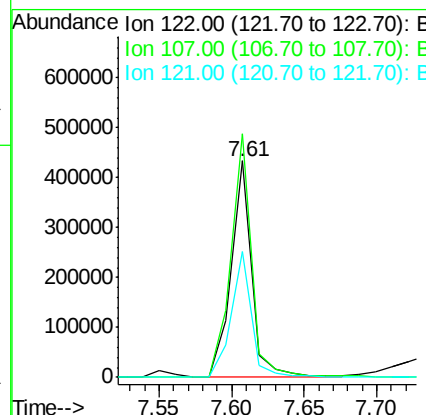
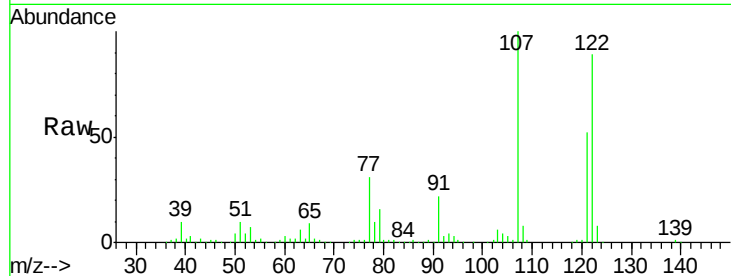




#27
 2,4-Dimethylphenol
 Concen: 42.38 ng
 RT: 7.61 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

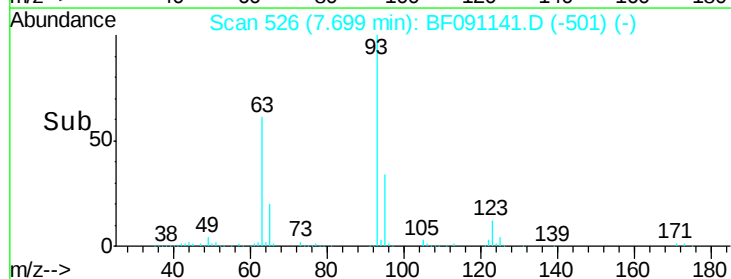
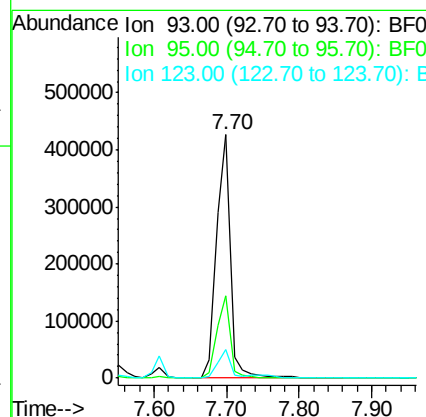
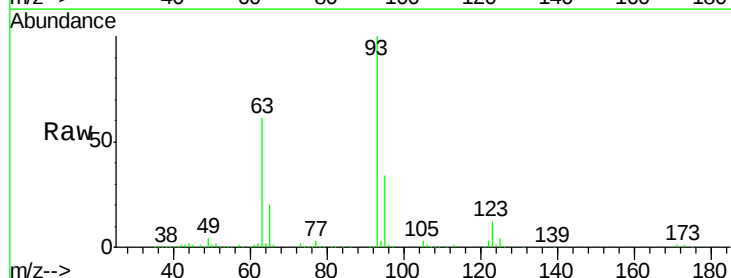
Instrument :
 BNA_F
 ClientSampleId :

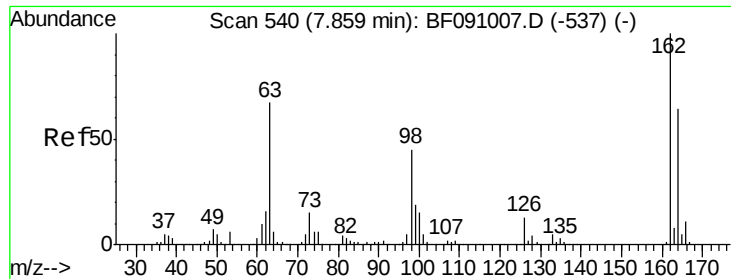
Tot Ion:122 Resp: 423157
 Ion Ratio Lower Upper
 122 100
 107 112.6 89.6 134.4
 121 58.4 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.35 ng
 RT: 7.70 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion: 93 Resp: 562223
 Ion Ratio Lower Upper
 93 100
 95 33.9 26.3 39.5
 123 11.7 8.7 13.1

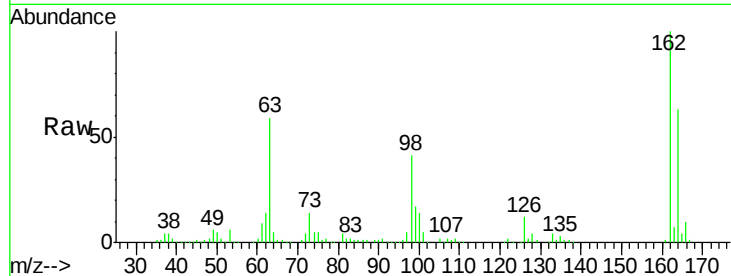




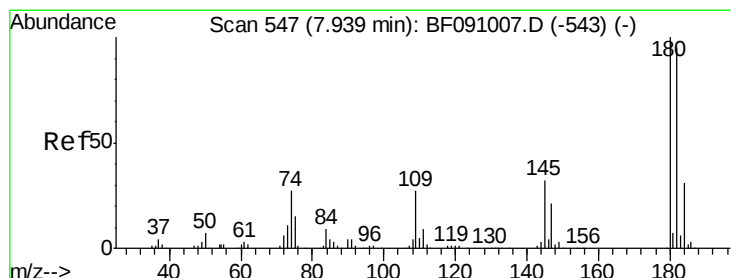
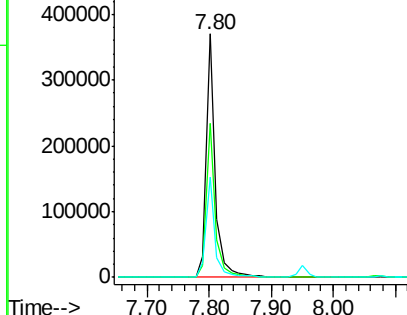
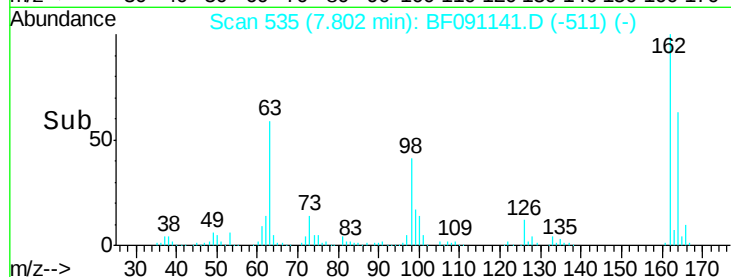
#29
2,4-Dichlorophenol
Concen: 42.88 ng
RT: 7.80 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 373598
Ion Ratio Lower Upper
162 100
164 63.3 44.4 84.4
98 41.3 25.2 65.2

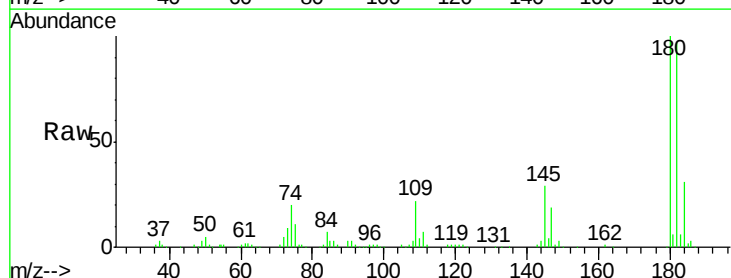


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

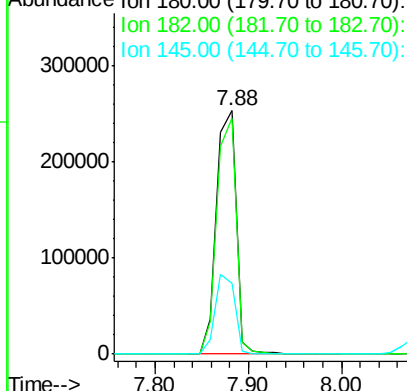
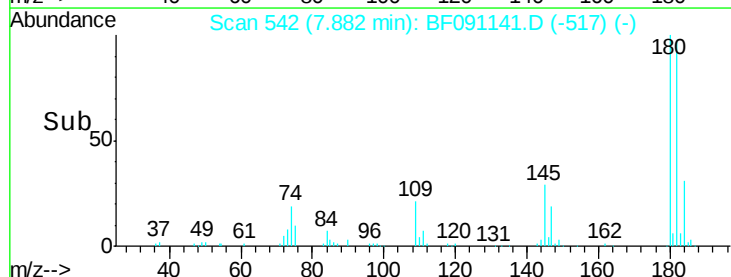


#30
1,2,4-Trichlorobenzene
Concen: 38.08 ng
RT: 7.88 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion:180 Resp: 373091
Ion Ratio Lower Upper
180 100
182 96.9 76.0 114.0
145 29.0 25.8 38.8



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





#31

Naphthalene

Concen: 38.08 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

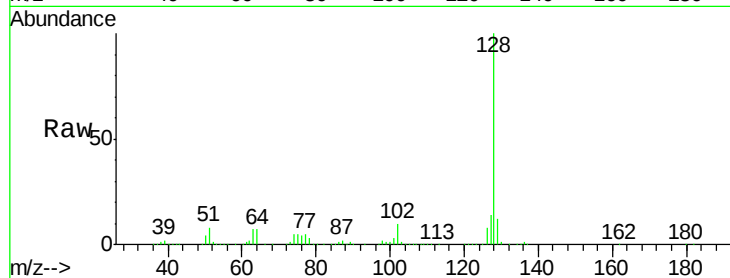
Tot Ion:128 Resp: 1283224

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

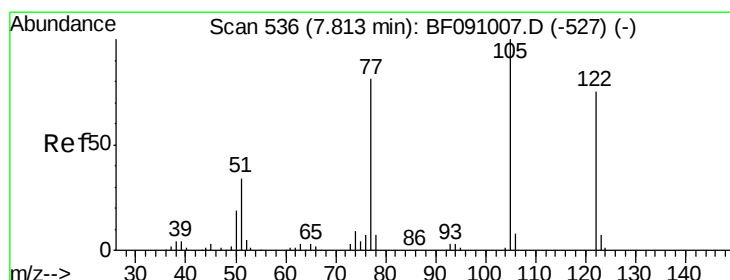
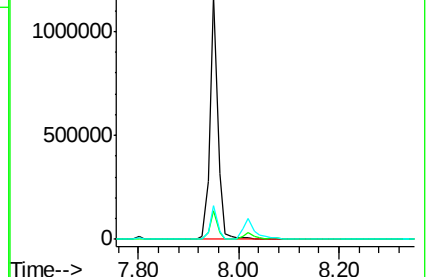
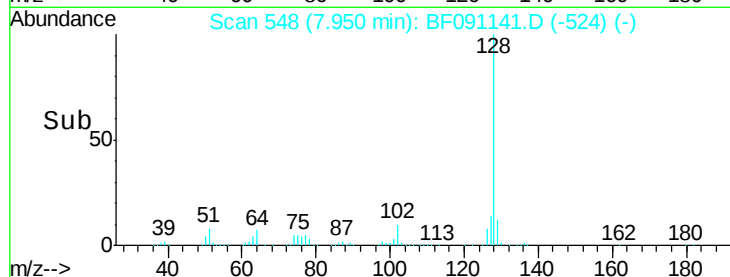
127 13.6 10.9 16.3



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: 29.14 ng

RT: 7.76 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

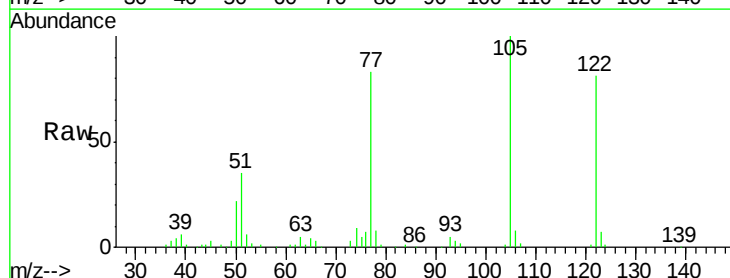
Tgt Ion:122 Resp: 209615

Ion Ratio Lower Upper

122 100

105 123.3 105.9 145.9

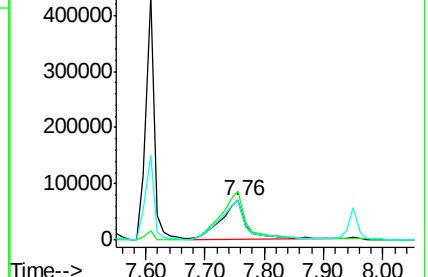
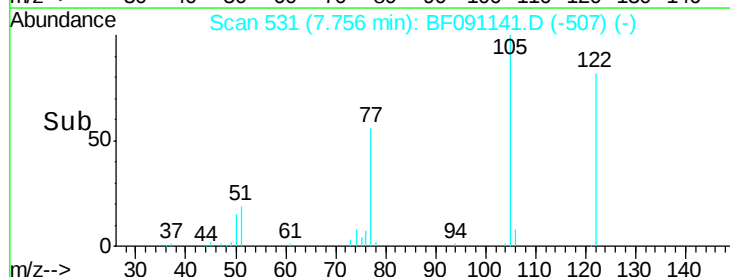
77 101.7 84.0 124.0

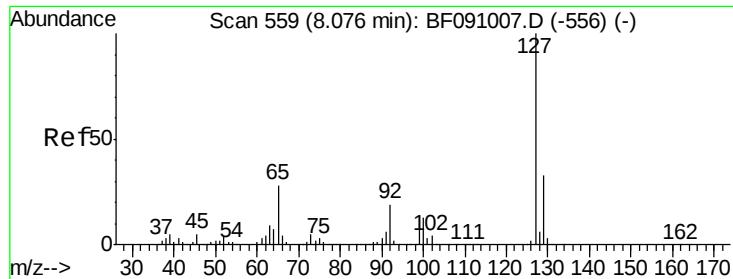


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

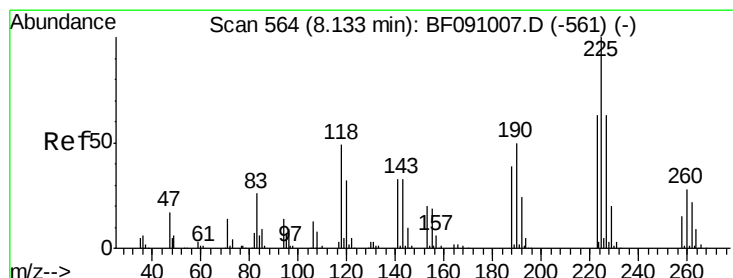
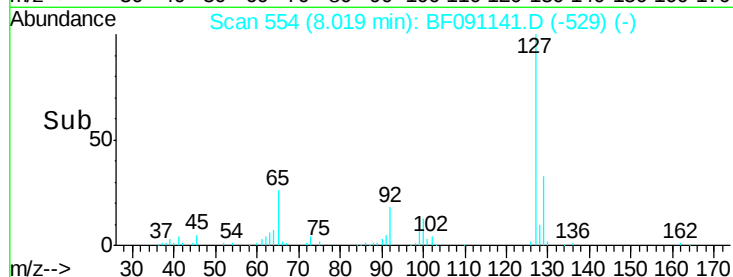
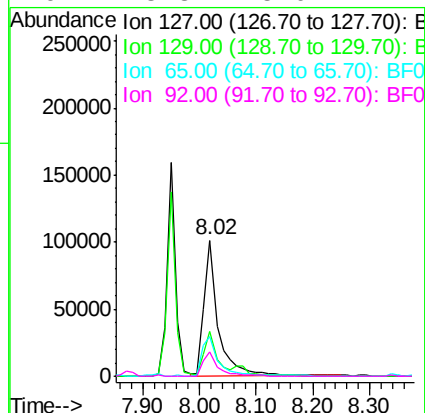
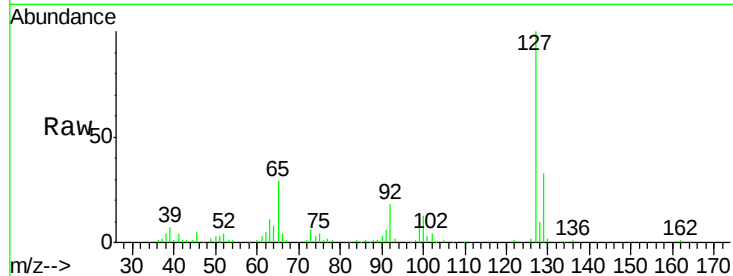




#33
4-Chloroaniline
Concen: 12.23 ng
RT: 8.02 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

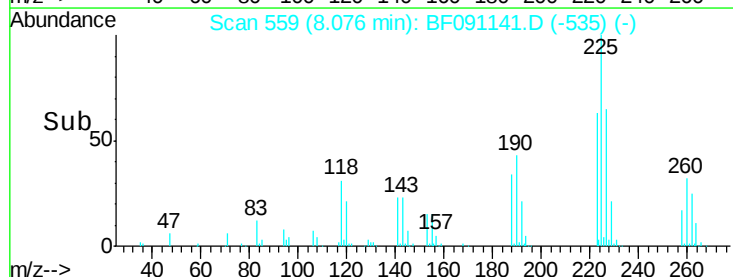
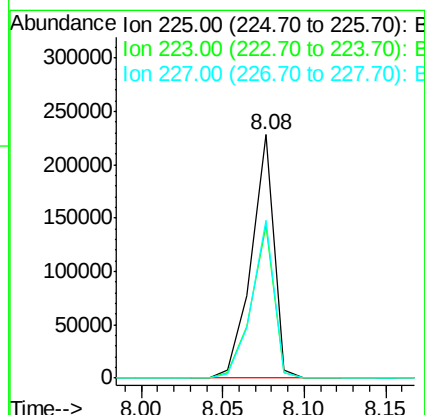
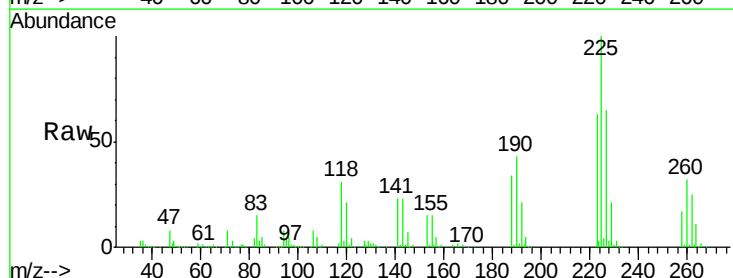
Instrument :
BNA_F
ClientSampled :

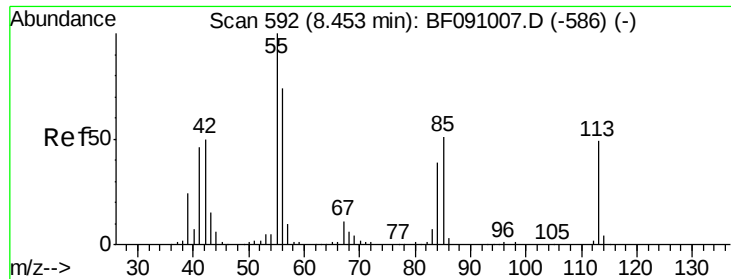
Tot Ion:	127	Resp:	171448
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	29.5	22.2	33.2
92	18.3	15.0	22.4



#34
Hexachlorobutadiene
Concen: 41.58 ng
RT: 8.08 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion:	225	Resp:	219878
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.4	75.6
227	64.7	50.1	75.1

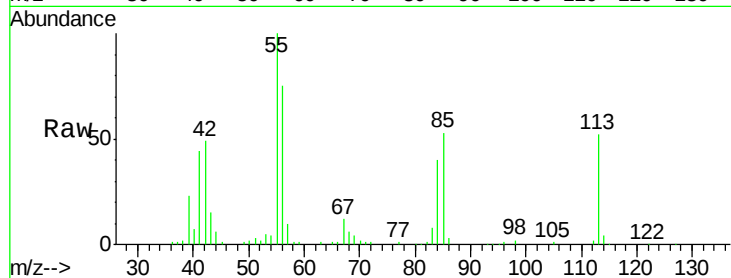




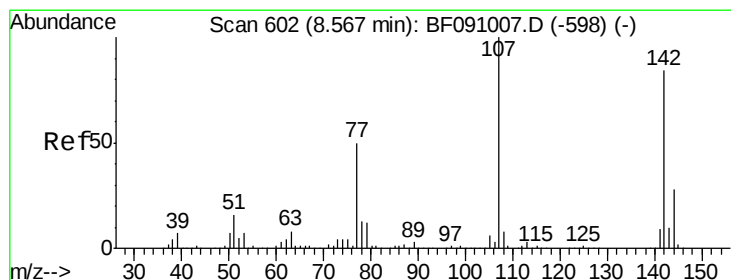
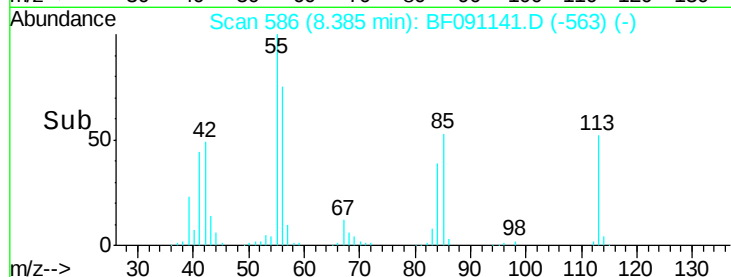
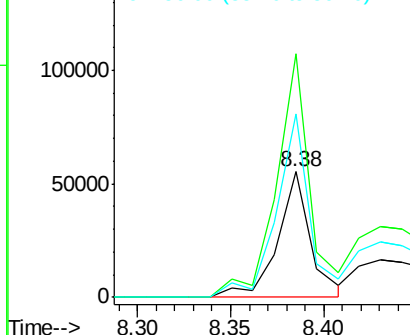
#35
Caprolactam
Concen: 24.72 ng
RT: 8.38 min Scan# 586
Delta R.T. -0.03 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 67674
Ion Ratio Lower Upper
113 100
55 193.9 184.1 224.1
56 145.8 132.0 172.0

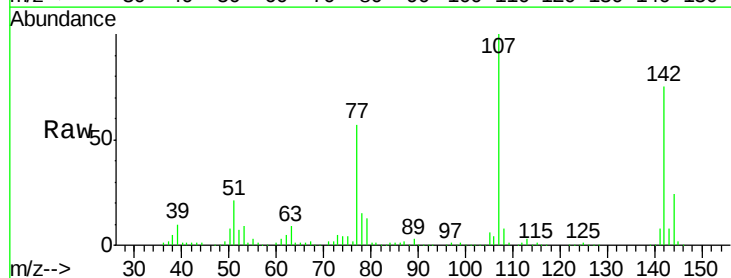


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

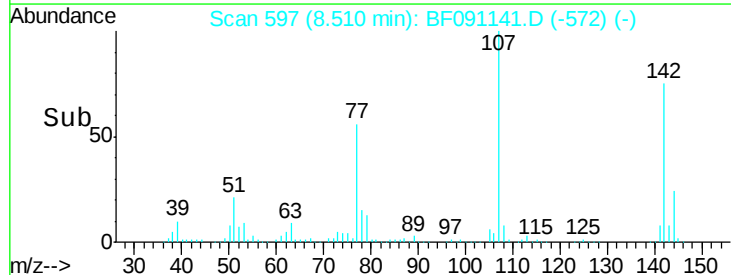
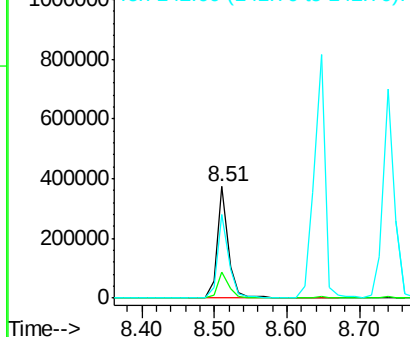


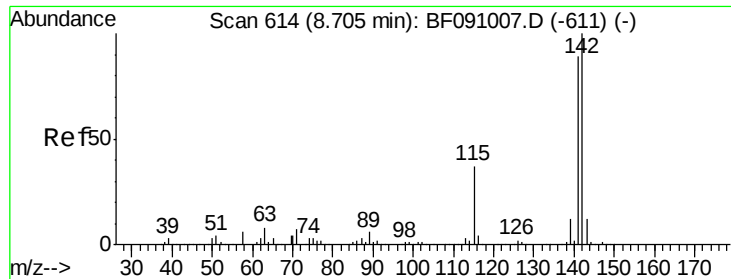
#36
4-Chloro-3-methylphenol
Concen: 38.20 ng
RT: 8.51 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion:107 Resp: 402913
Ion Ratio Lower Upper
107 100
144 23.7 22.5 33.7
142 74.5 67.4 101.2



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

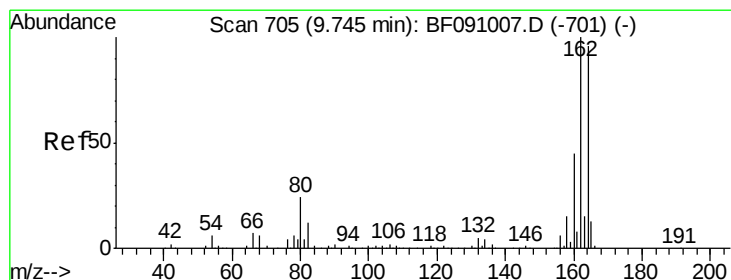
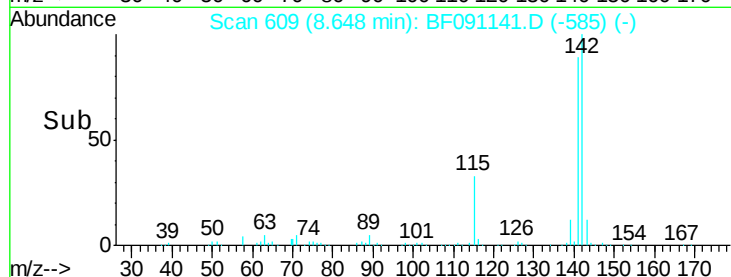
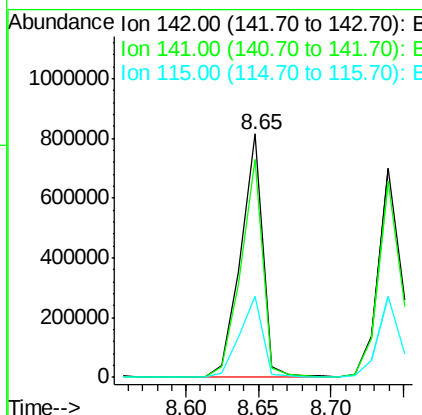
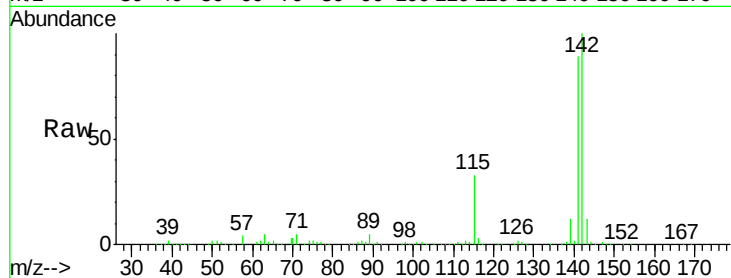




#37
2-Methylnaphthalene
Concen: 40.18 ng
RT: 8.65 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

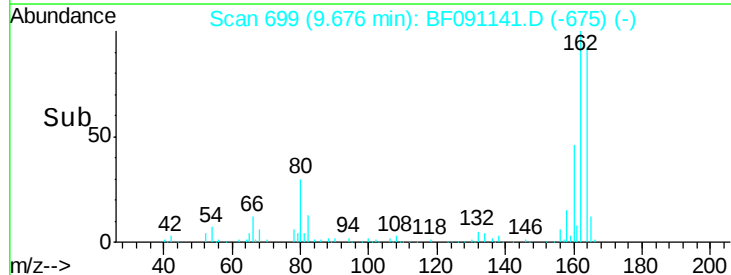
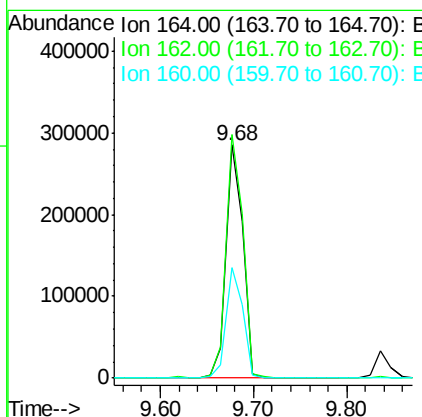
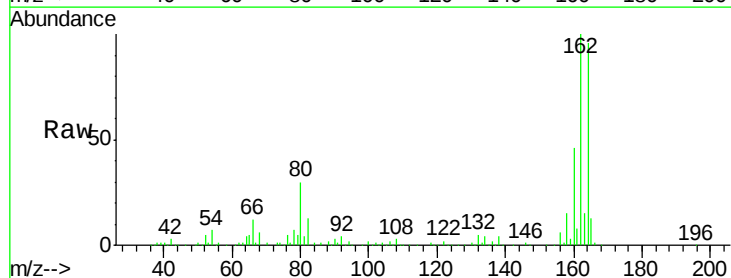
Instrument :
BNA_F
ClientSampled :

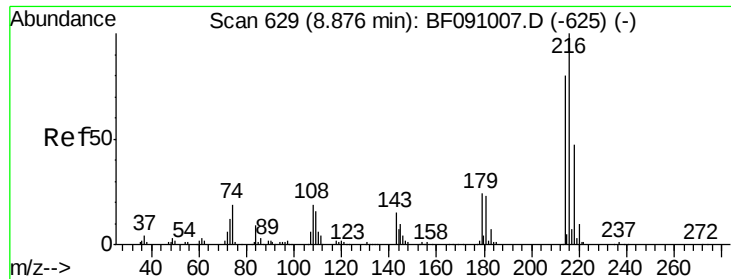
Tot Ion:142 Resp: 870398
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9
115 33.4 29.9 44.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion:164 Resp: 361060
Ion Ratio Lower Upper
164 100
162 104.4 83.6 125.4
160 47.5 37.9 56.9

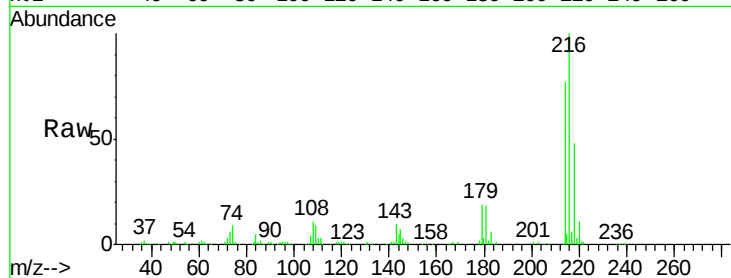




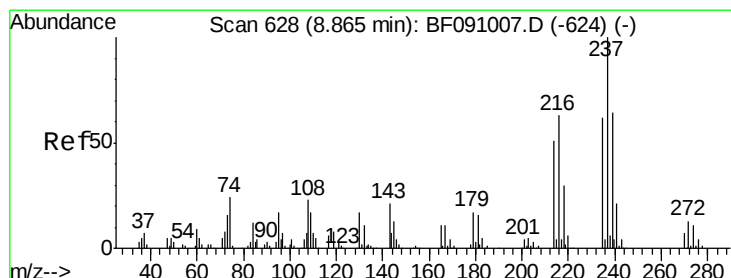
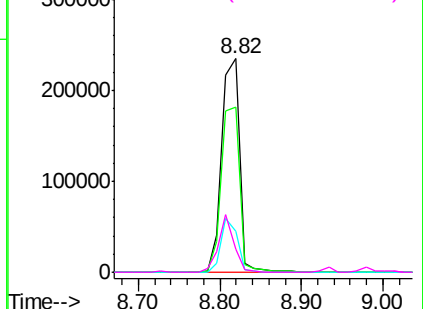
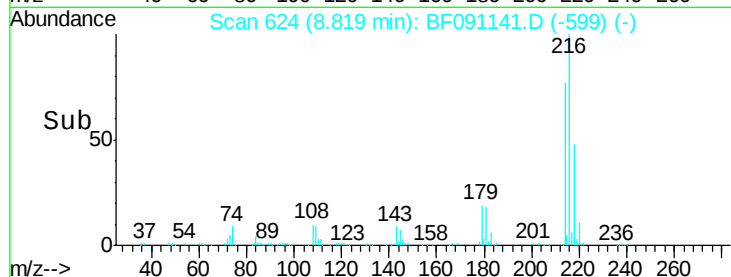
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.51 ng
 RT: 8.82 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	354505
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.5	95.3
179	22.9	19.1	28.7
108	23.3	17.5	26.3

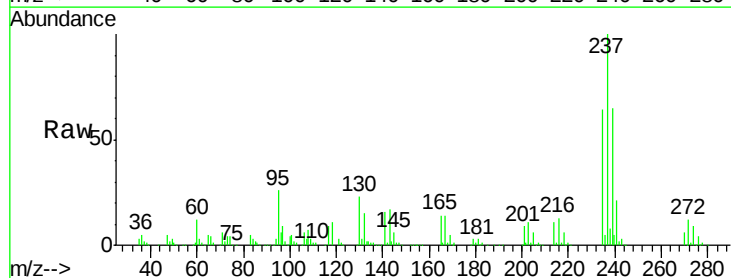


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

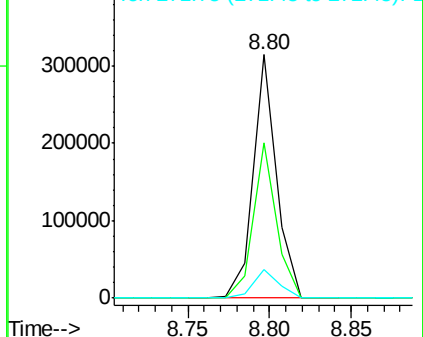
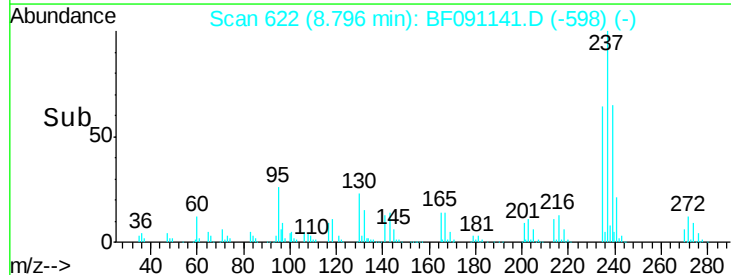


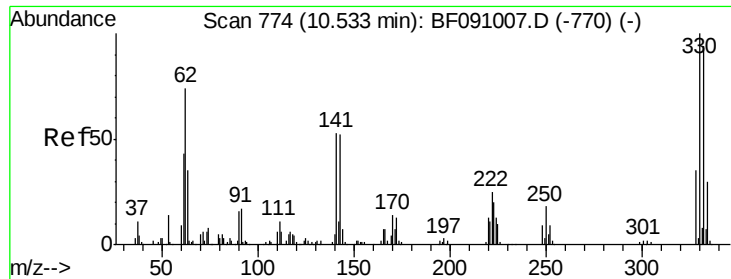
#40
 Hexachlorocyclopentadiene
 Concen: 86.62 ng
 RT: 8.80 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion:	237	Resp:	311482
Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.1	82.1
272	11.7	0.0	33.1



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

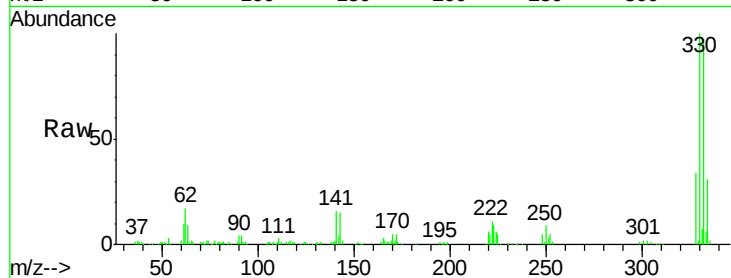




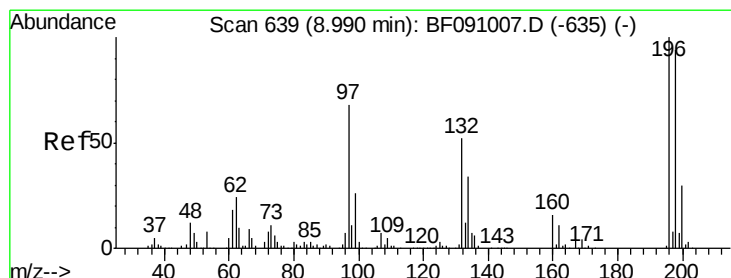
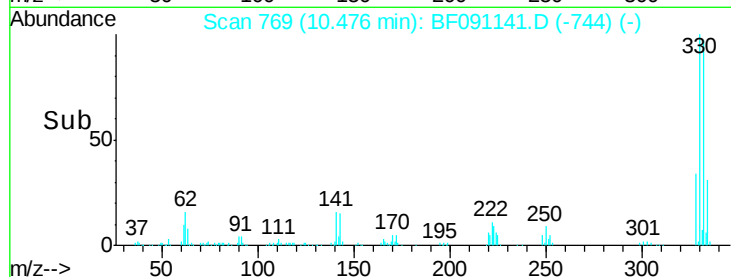
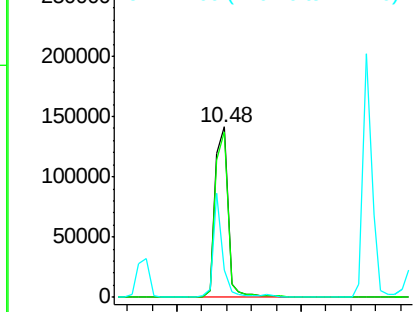
#41
 2,4,6-Tribromophenol
 Concen: 62.21 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.9	113.9
141	42.4	36.1	54.1

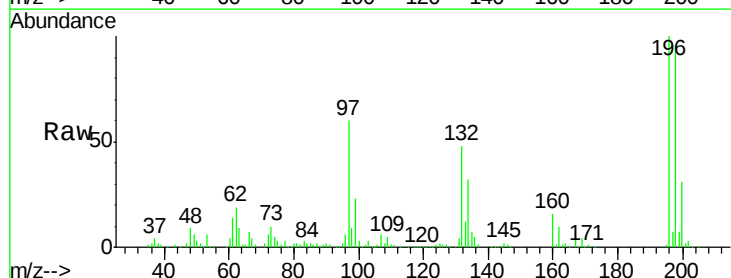


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

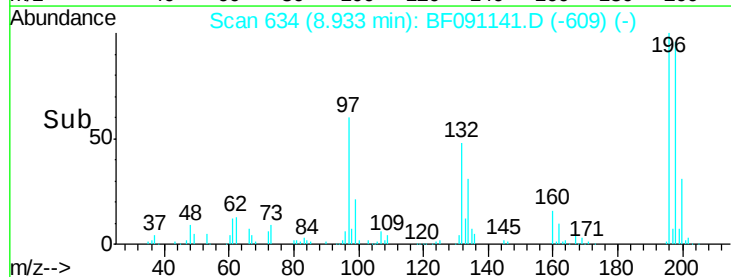
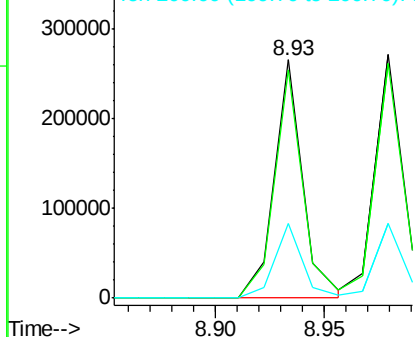


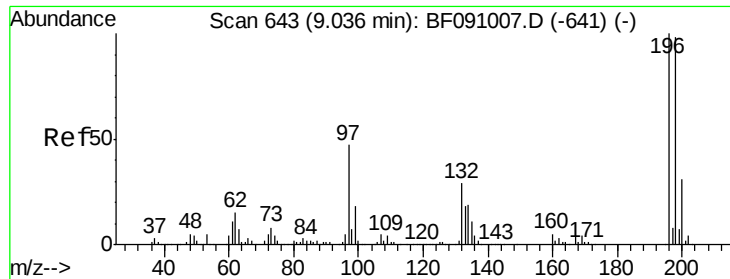
#42
 2,4,6-Trichlorophenol
 Concen: 40.96 ng
 RT: 8.93 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.4	113.0
200	31.1	24.1	36.1



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

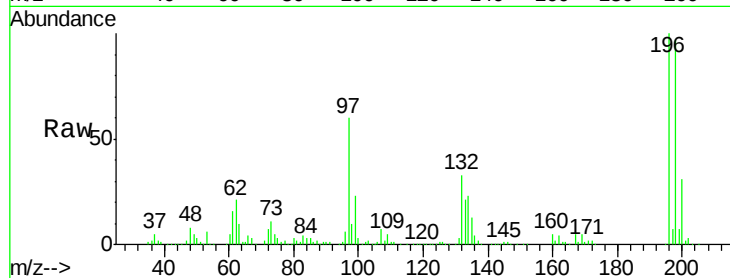




#43
 2,4,5-Trichlorophenol
 Concen: 42.66 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	78.2	117.4
97	60.1	38.8	58.2
132	33.4	23.5	35.3



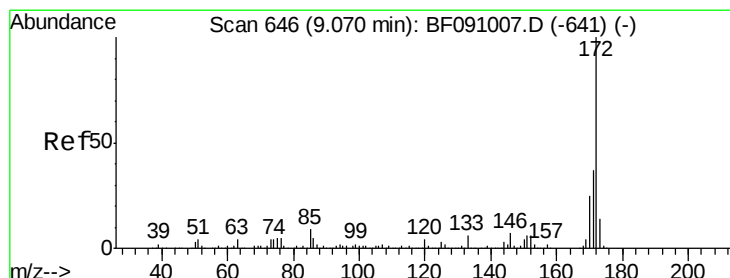
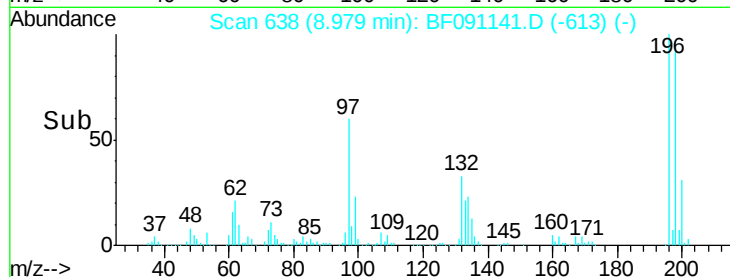
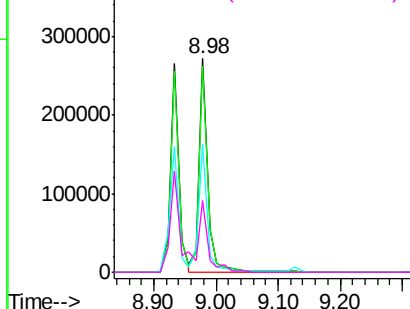
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

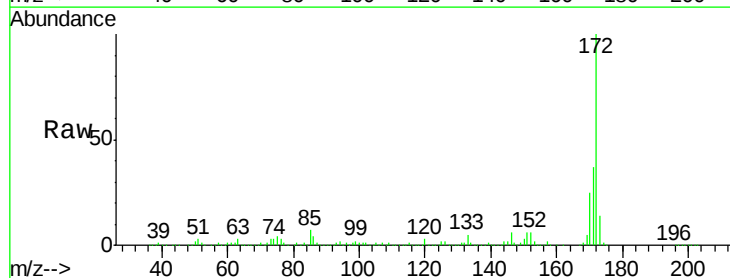
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.88 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.3	20.3	30.5

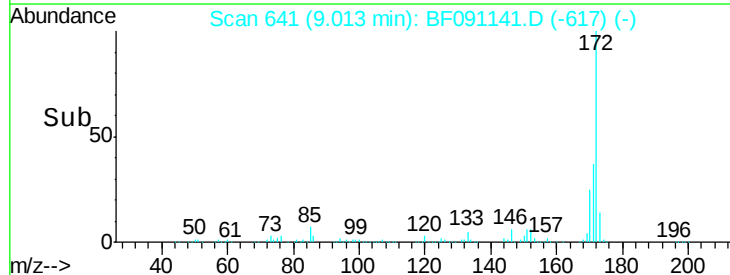
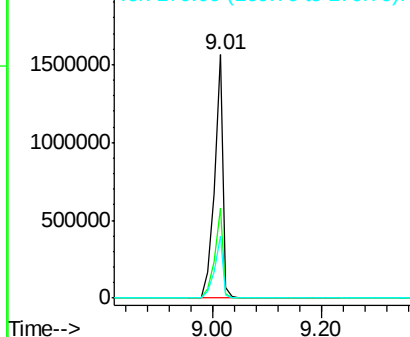


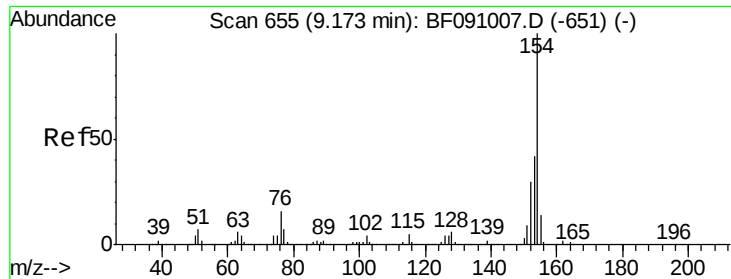
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

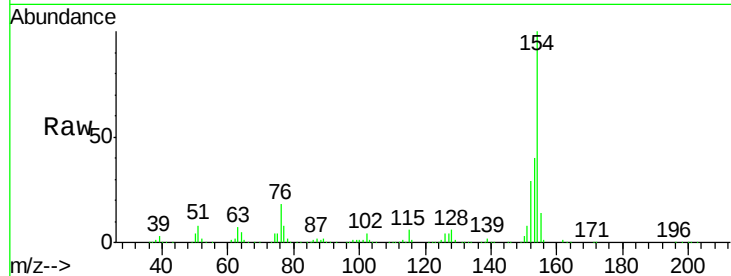




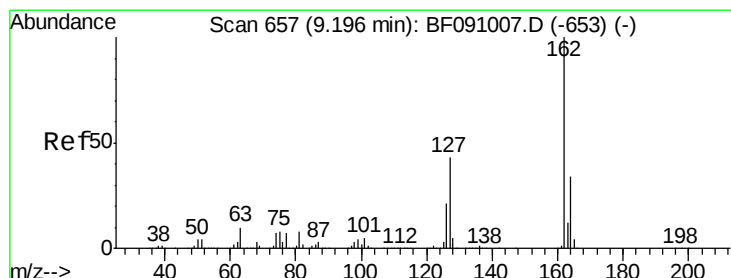
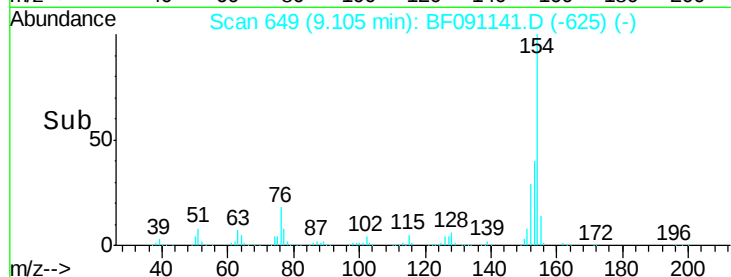
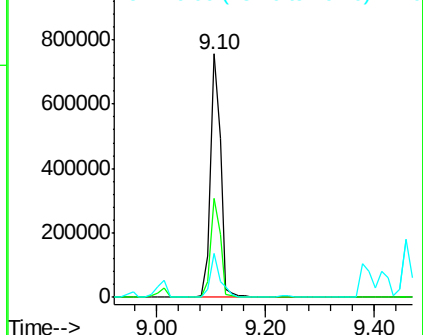
#45
 1,1'-Biphenyl
 Concen: 37.55 ng
 RT: 9.10 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 989993
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.6 61.6
 76 17.8 0.0 36.2

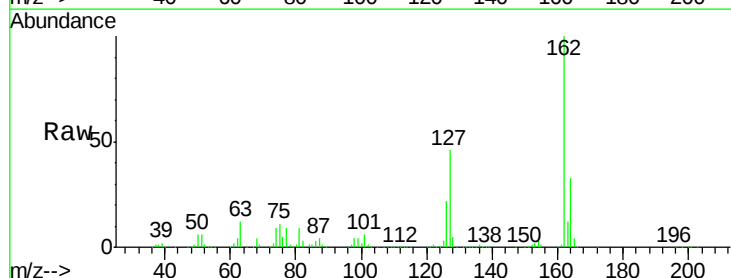


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

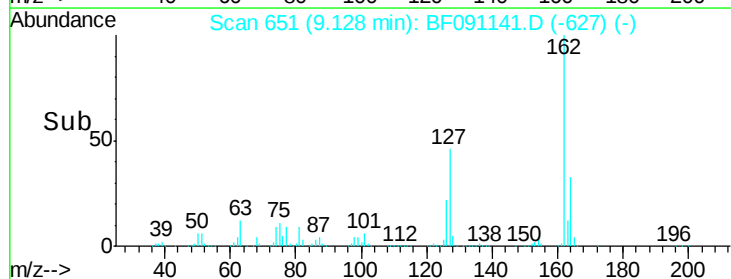
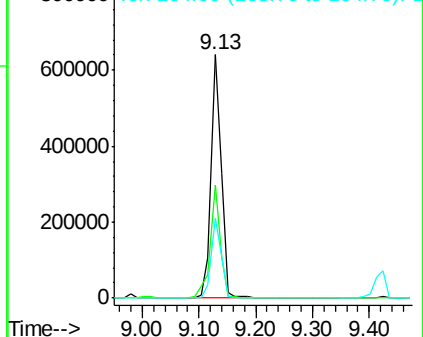


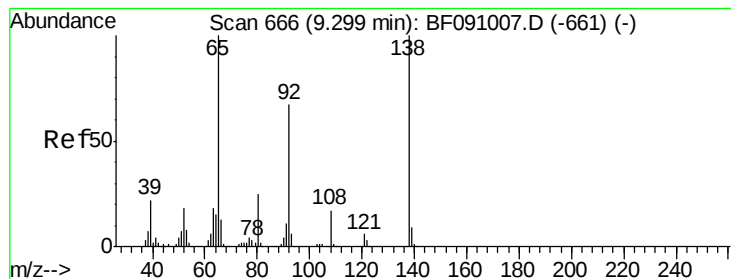
#46
 2-Chloronaphthalene
 Concen: 38.41 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion:162 Resp: 768819
 Ion Ratio Lower Upper
 162 100
 127 46.2 34.7 52.1
 164 32.8 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

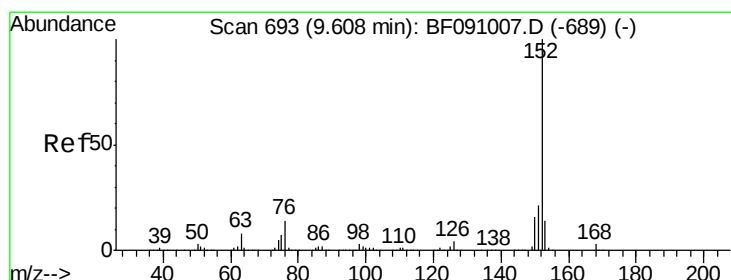
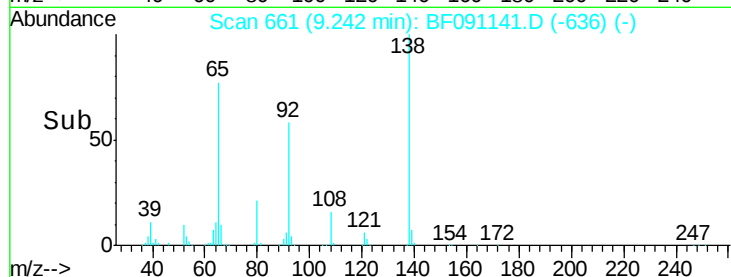
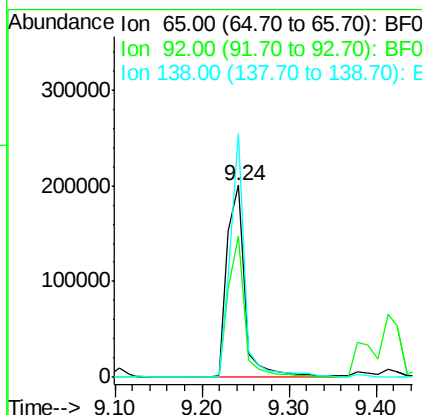
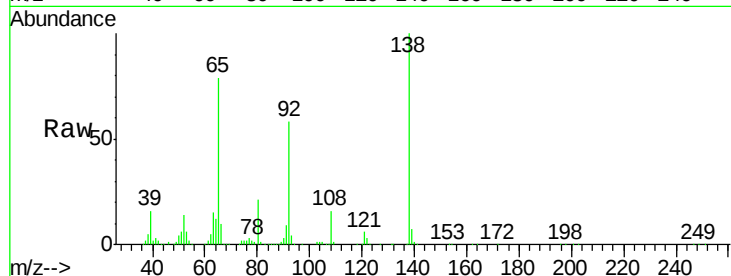




#47
2-Nitroaniline
Concen: 38.90 ng
RT: 9.24 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

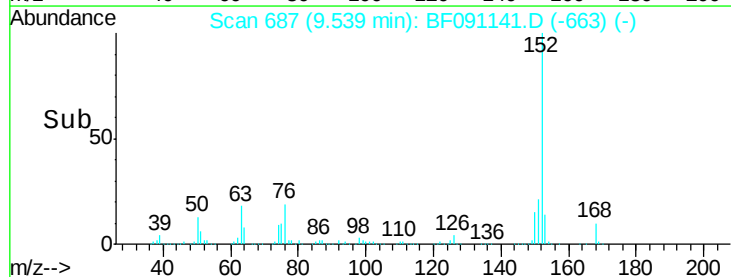
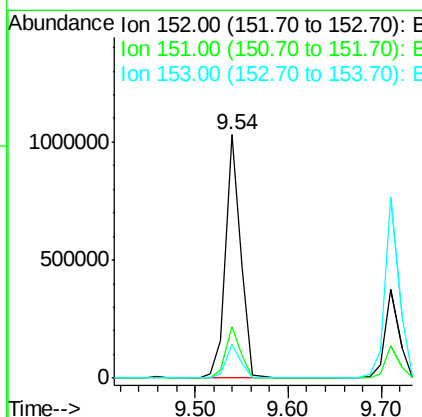
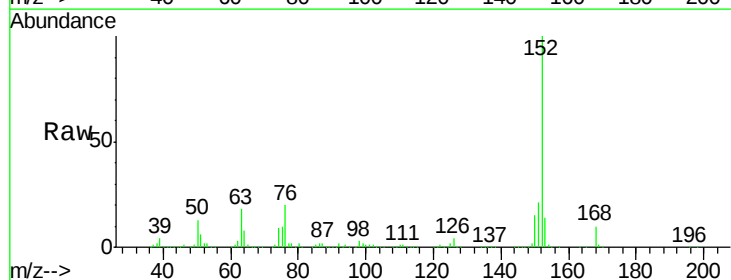
Instrument :
BNA_F
ClientSampleId :

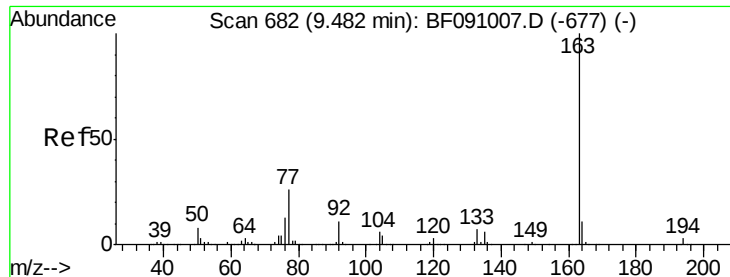
Tot Ion: 65 Resp: 288937
Ion Ratio Lower Upper
65 100
92 73.3 53.9 80.9
138 126.6 80.1 120.1#



#48
Acenaphthylene
Concen: 37.45 ng
RT: 9.54 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion: 152 Resp: 1168189
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1
153 13.9 11.1 16.7





#49

Dimethylphthalate

Concen: 40.82 ng

RT: 9.42 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampled :

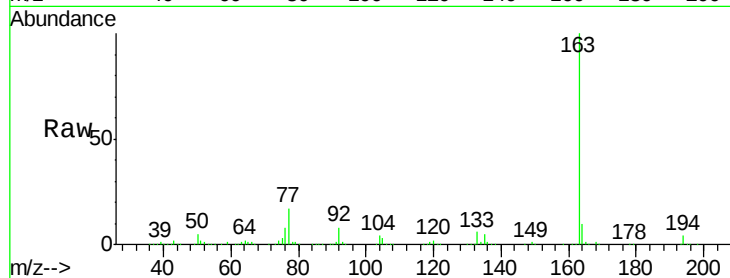
Tot Ion:163 Resp: 966345

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

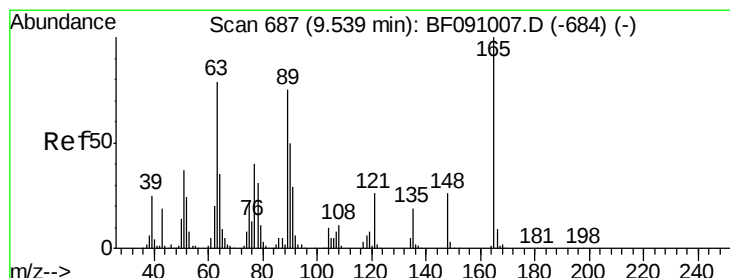
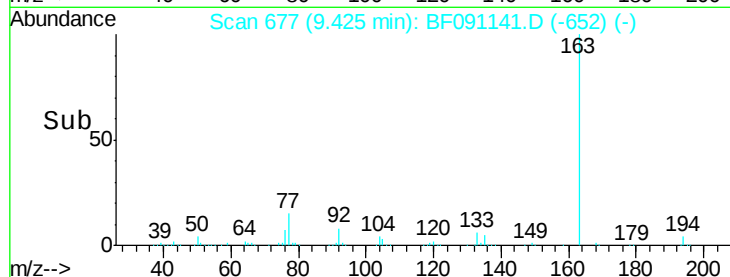
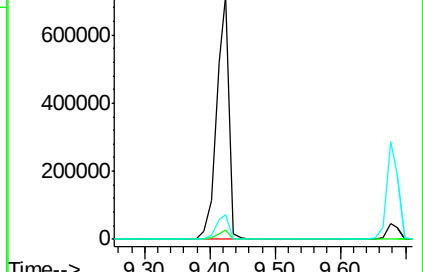
164 9.9 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.52 ng

RT: 9.48 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

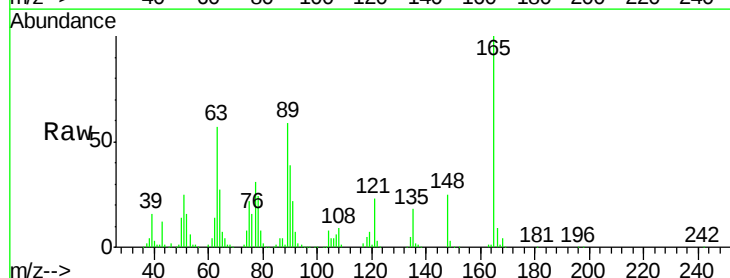
Tgt Ion:165 Resp: 225906

Ion Ratio Lower Upper

165 100

63 57.3 65.6 98.4#

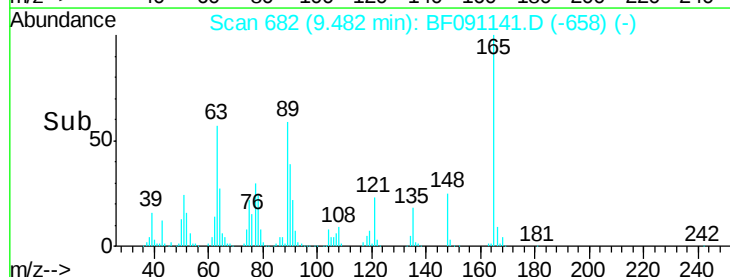
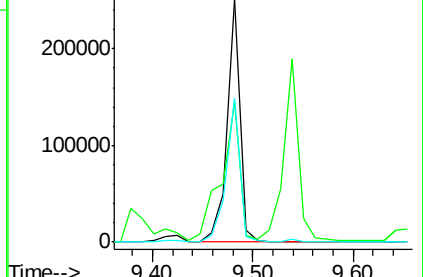
89 59.0 59.8 89.6#

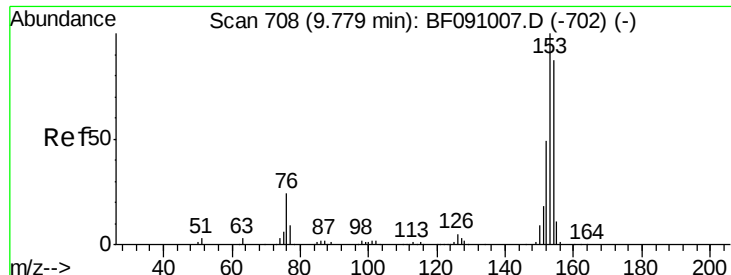


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.46 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

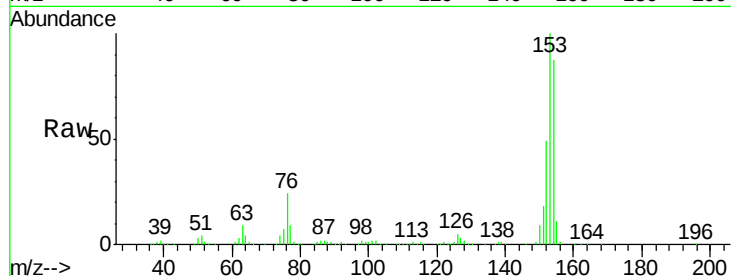
Tot Ion:154 Resp: 694389

Ion Ratio Lower Upper

154 100

153 115.3 91.6 137.4

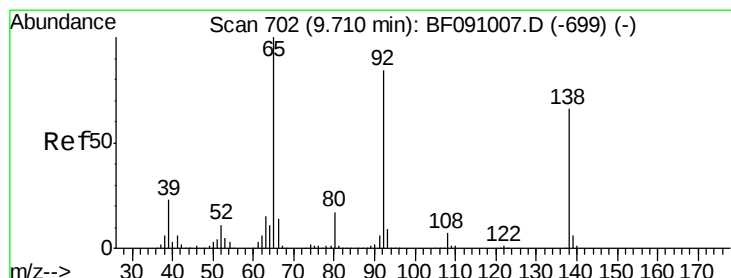
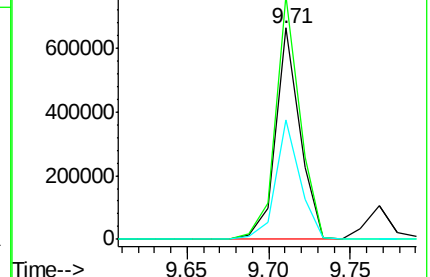
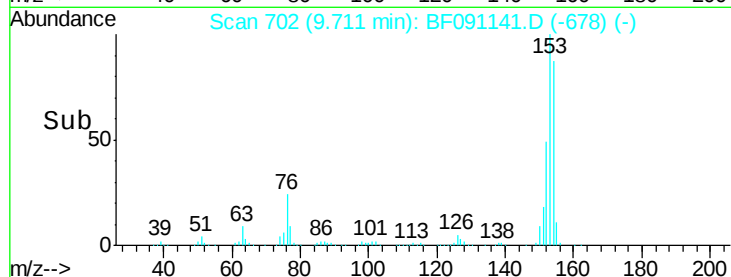
152 56.5 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.10 ng

RT: 9.65 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

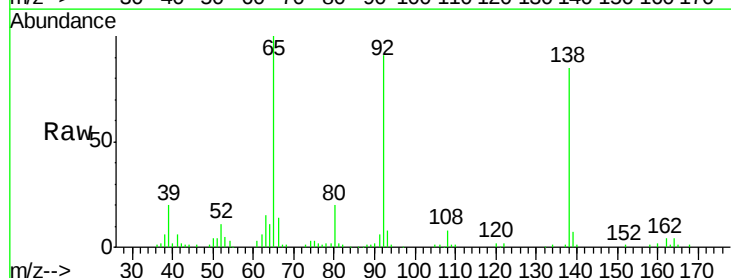
Tgt Ion:138 Resp: 114934

Ion Ratio Lower Upper

138 100

108 9.5 8.4 12.6

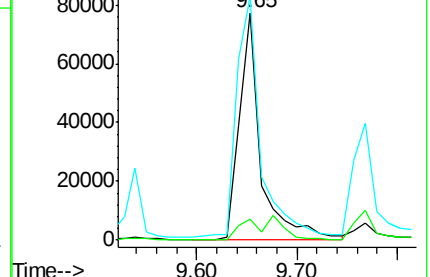
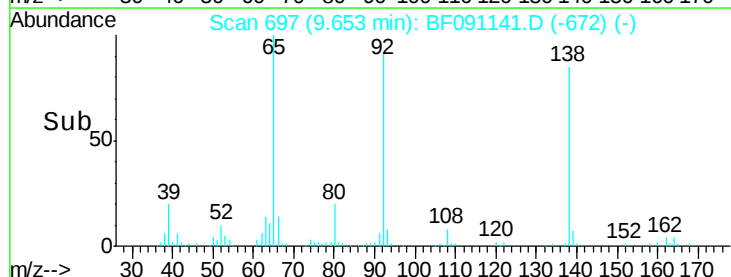
92 107.2 101.1 151.7

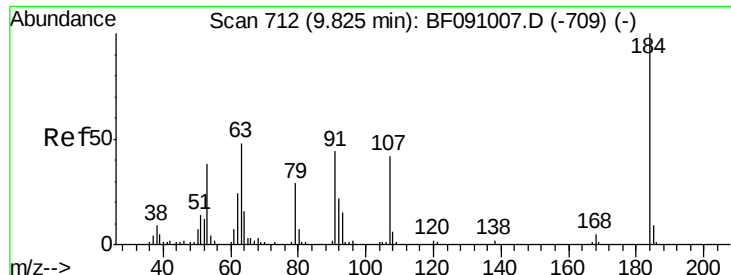


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

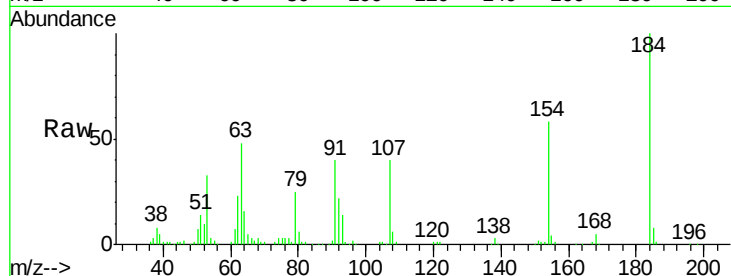




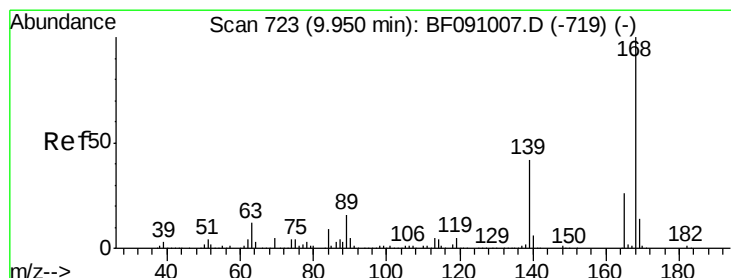
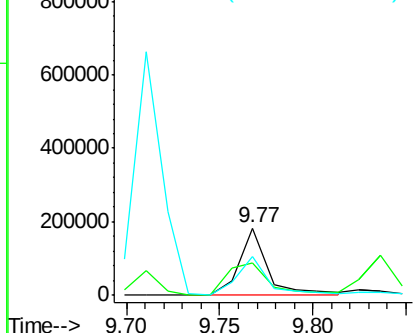
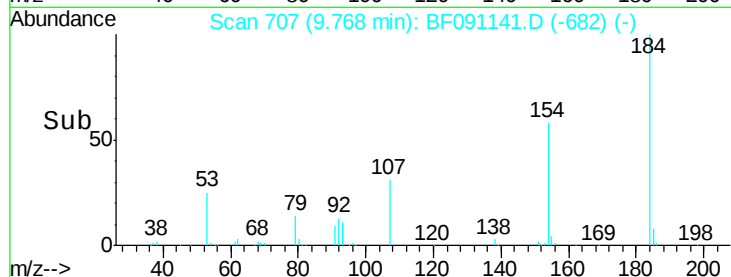
#53
 2,4-Dinitrophenol
 Concen: 72.17 ng
 RT: 9.77 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 197626
 Ion Ratio Lower Upper
 184 100
 63 48.3 45.5 68.3
 154 58.5 51.0 76.4

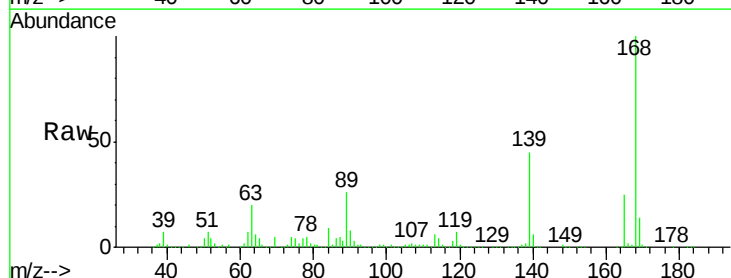


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

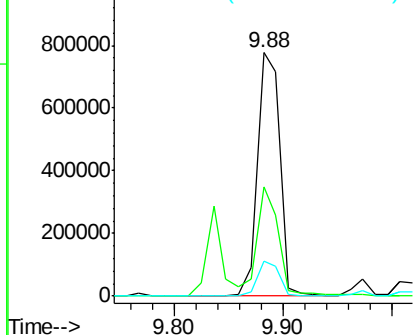
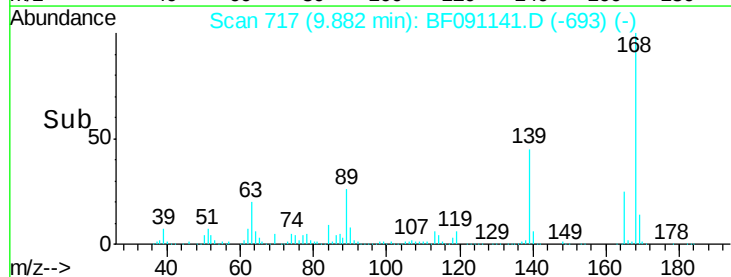


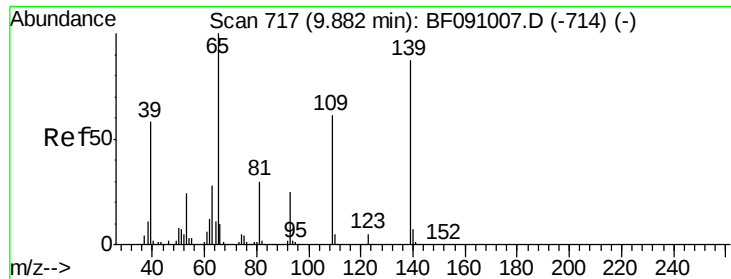
#54
 Dibenzofuran
 Concen: 42.49 ng
 RT: 9.88 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion:168 Resp: 1120174
 Ion Ratio Lower Upper
 168 100
 139 45.0 34.8 52.2
 169 14.4 11.4 17.2



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

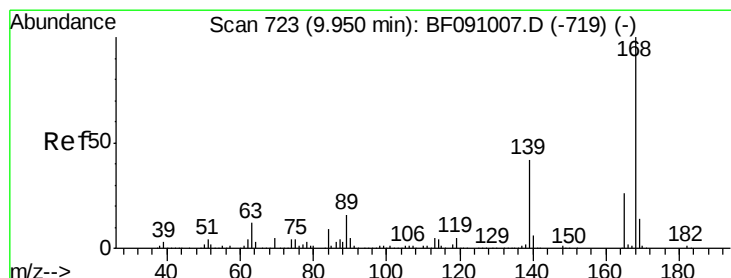
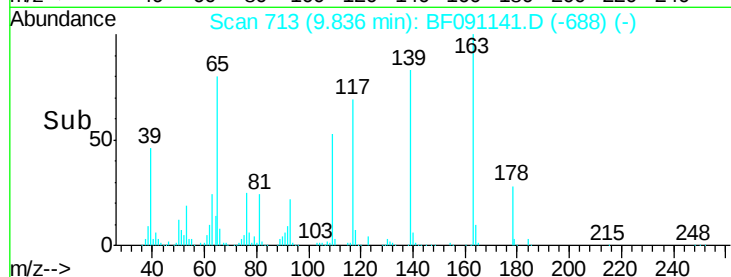
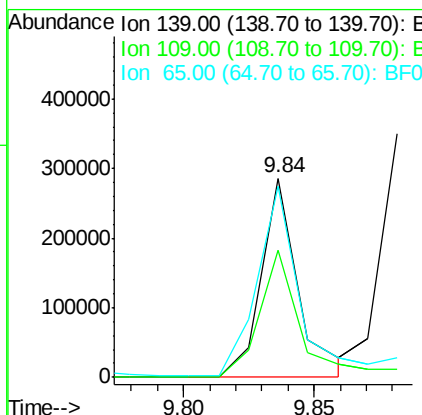
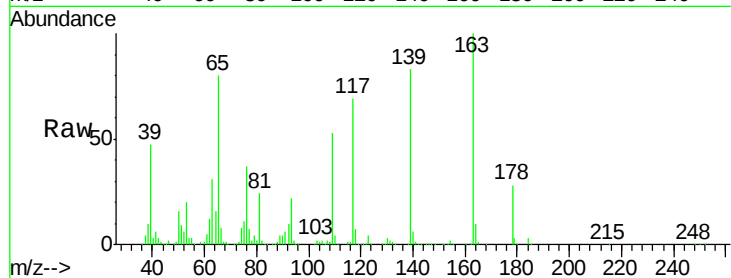




#55
4-Nitrophenol
Concen: 71.18 ng
RT: 9.84 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

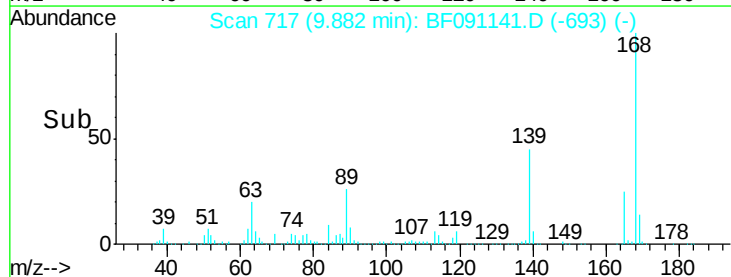
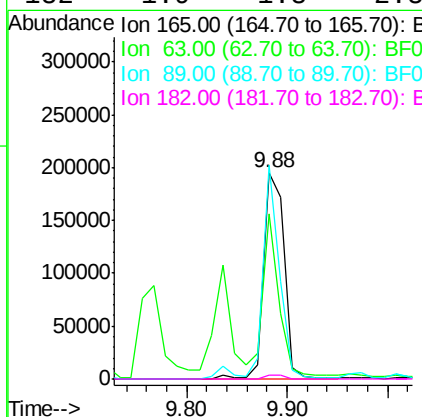
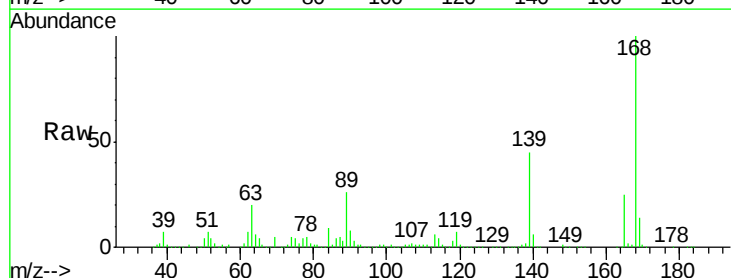
Instrument :
BNA_F
ClientSampled :

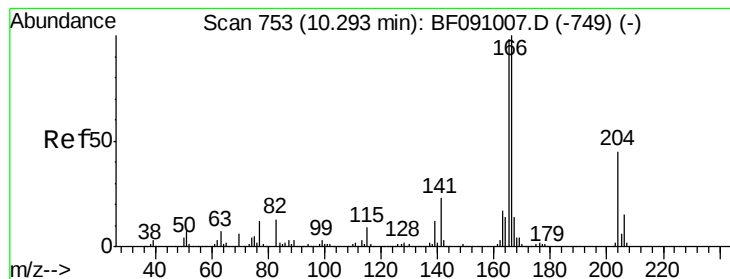
Tot Ion:139 Resp: 282506
Ion Ratio Lower Upper
139 100
109 64.2 50.5 90.5
65 96.2 97.1 137.1#



#56
2,4-Dinitrotoluene
Concen: 42.80 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion:165 Resp: 276283
Ion Ratio Lower Upper
165 100
63 80.3 38.7 58.1#
89 103.6 50.6 76.0#
182 1.9 1.8 2.8





#57

Fluorene

Concen: 38.05 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampled :

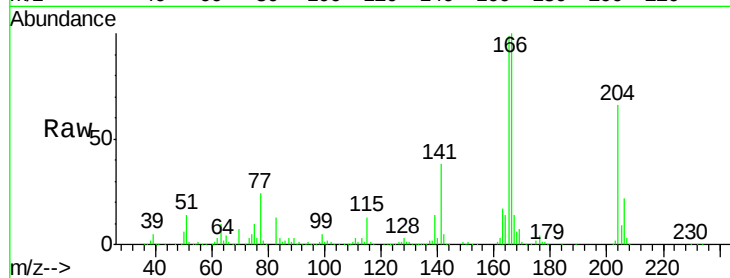
Tot Ion:166 Resp: 819909

Ion Ratio Lower Upper

166 100

165 99.1 78.6 118.0

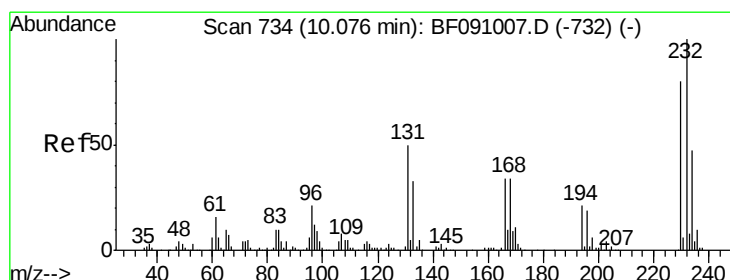
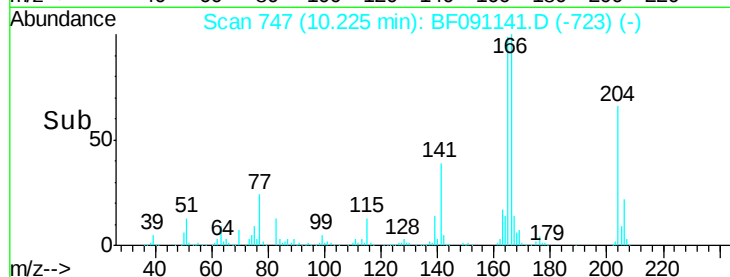
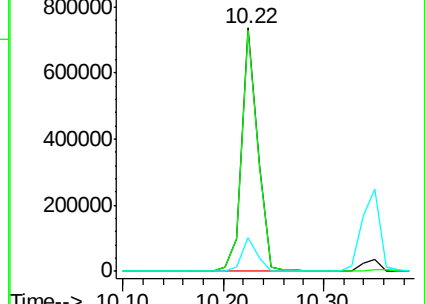
167 14.1 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.86 ng

RT: 10.02 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Tgt Ion:232 Resp: 204595

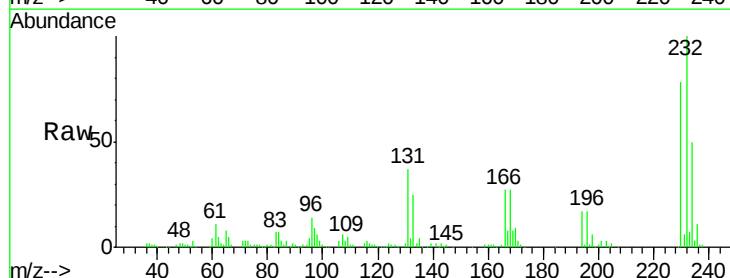
Ion Ratio Lower Upper

232 100

131 54.0 43.6 65.4

130 2.7 2.0 3.0

166 32.4 27.4 41.2

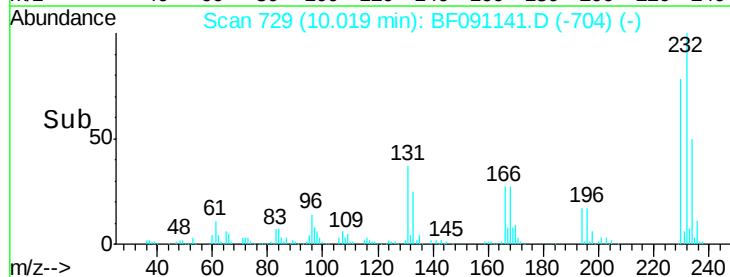
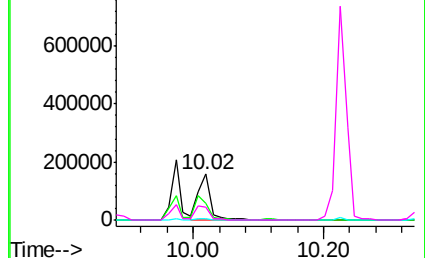


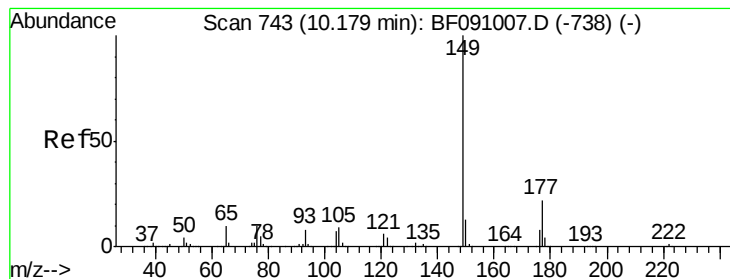
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.19 ng

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampled :

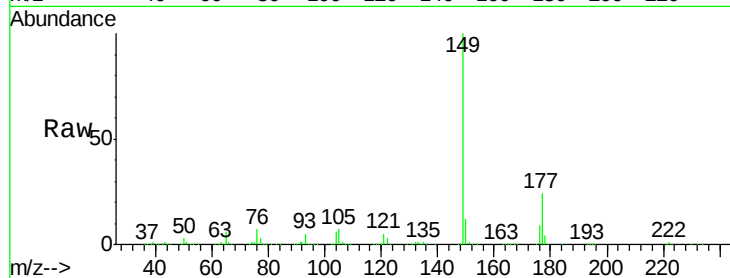
Tot Ion:149 Resp: 951367

Ion Ratio Lower Upper

149 100

177 23.5 17.3 25.9

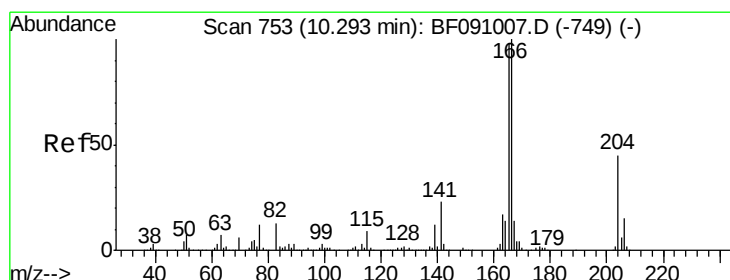
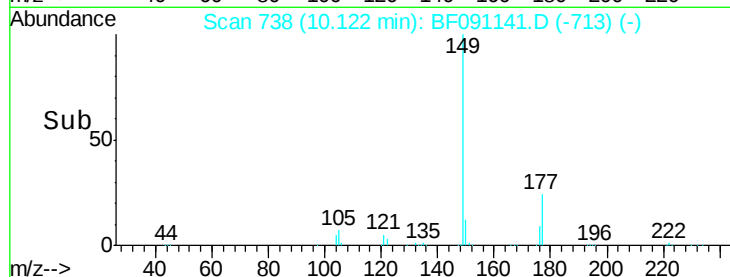
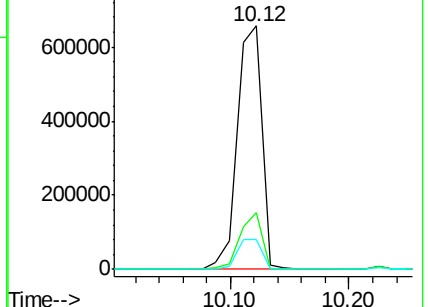
150 12.2 10.3 15.5



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: 43.15 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

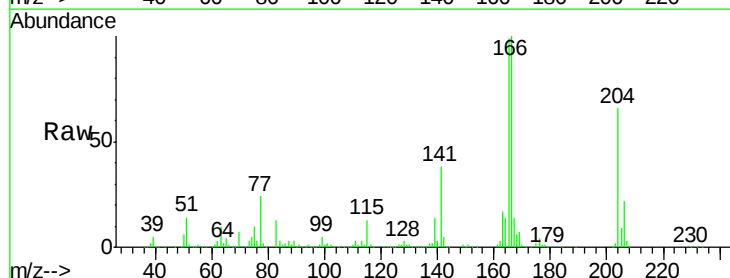
Tgt Ion:204 Resp: 423220

Ion Ratio Lower Upper

204 100

206 33.3 27.1 40.7

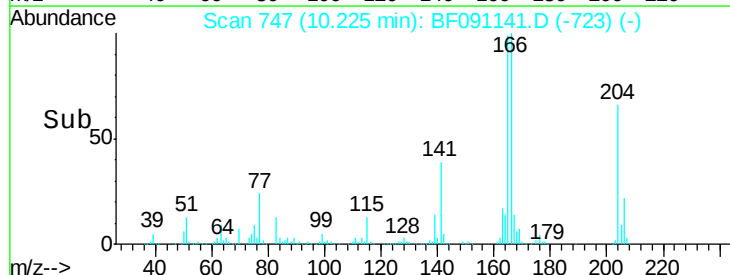
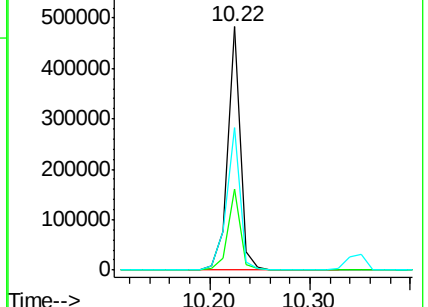
141 58.7 40.1 60.1

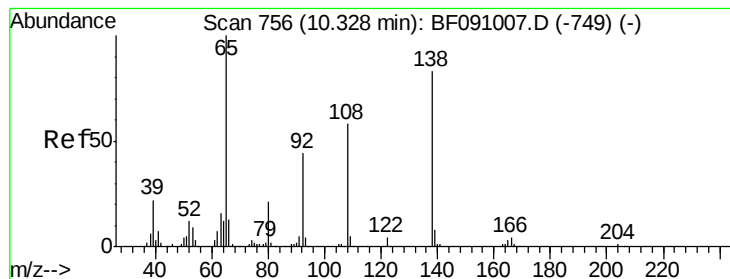


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

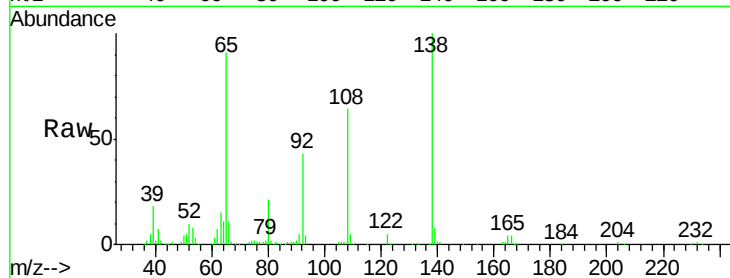




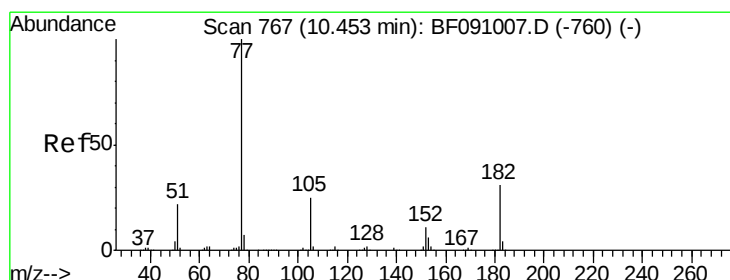
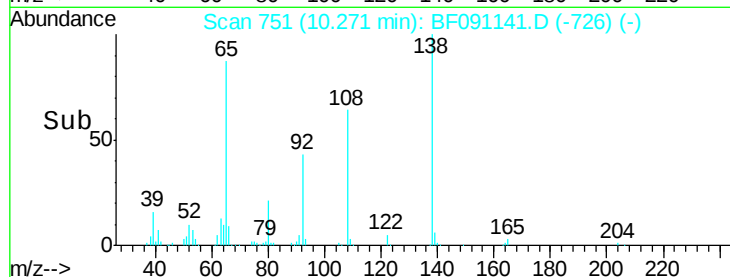
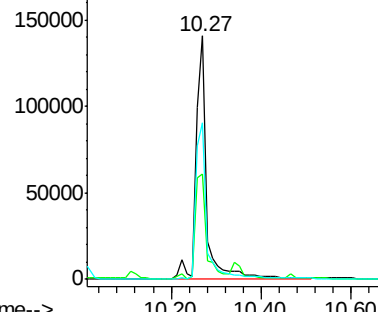
#61
4-Nitroaniline
Concen: 38.53 ng
RT: 10.27 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 234511
Ion Ratio Lower Upper
138 100
92 43.4 32.5 72.5
108 64.4 49.4 89.4

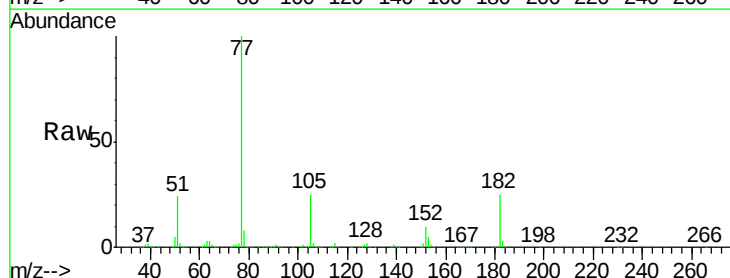


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

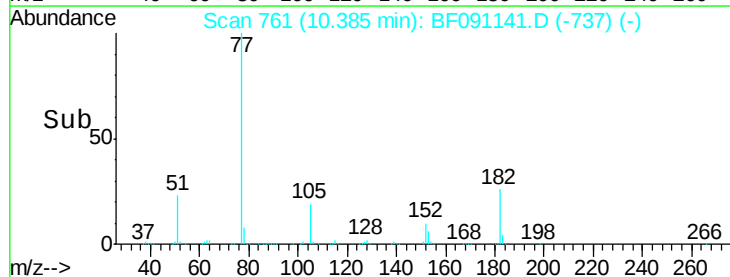
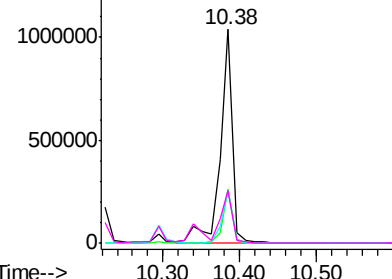


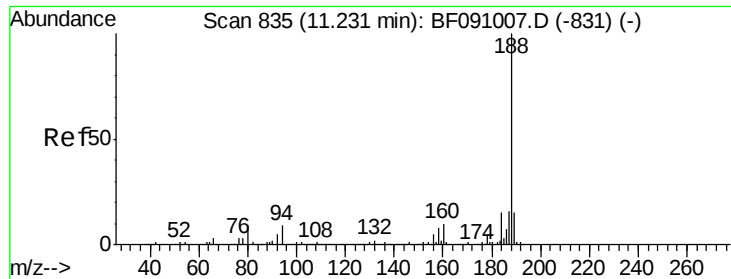
#62
Azobenzene
Concen: 40.90 ng
RT: 10.38 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion: 77 Resp: 1168581
Ion Ratio Lower Upper
77 100
182 25.2 11.0 51.0
105 24.8 5.6 45.6
51 24.3 2.7 42.7



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

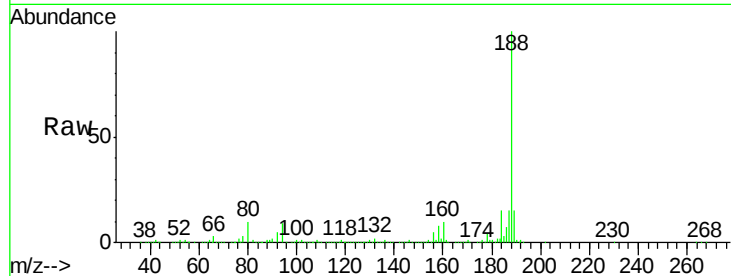




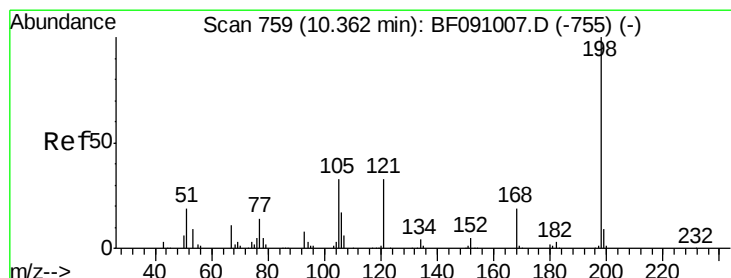
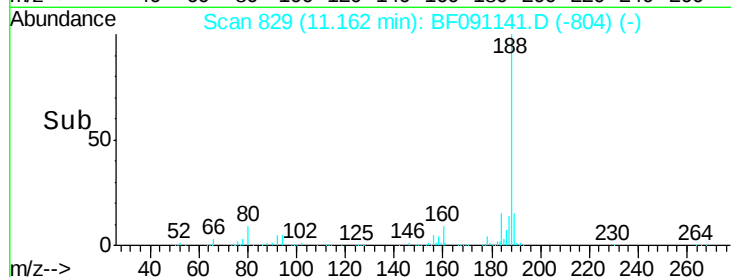
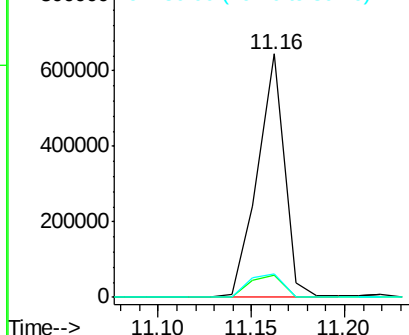
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 645732
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.6 7.5 11.3

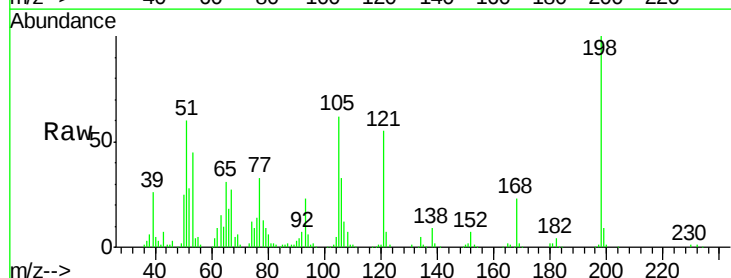


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

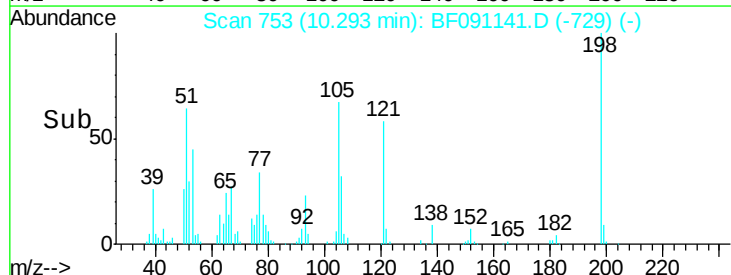
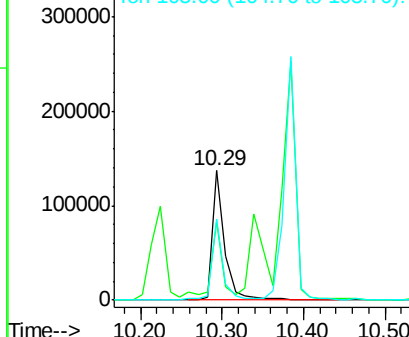


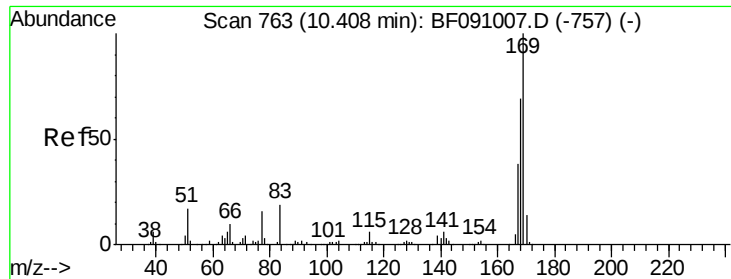
#64
4,6-Dinitro-2-methylphenol
Concen: 36.53 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion:198 Resp: 144457
Ion Ratio Lower Upper
198 100
51 60.4 5.9 45.9#
105 62.4 13.8 53.8#



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





#65

n-Nitrosodiphenylamine

Concen: 39.79 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

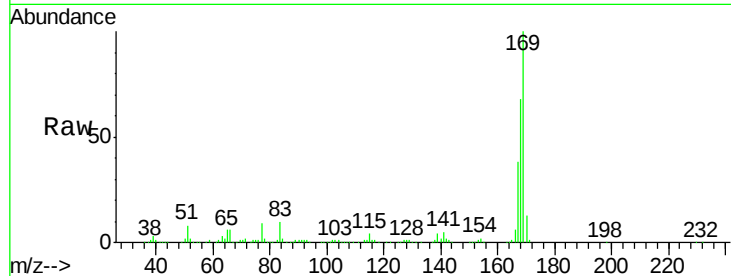
Tot Ion:169 Resp: 816724

Ion Ratio Lower Upper

169 100

168 68.4 55.3 82.9

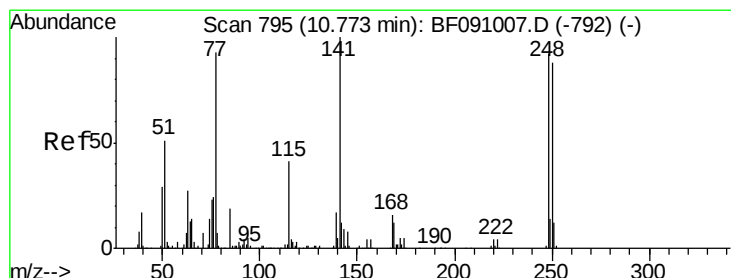
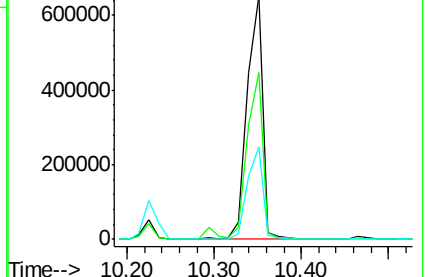
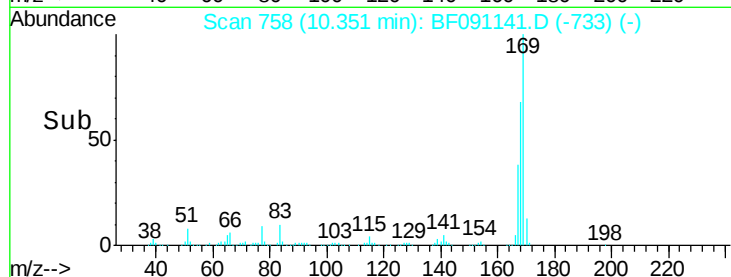
167 38.2 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 35.37 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

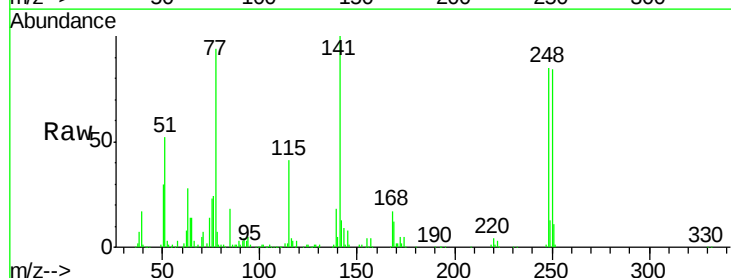
Tgt Ion:248 Resp: 237566

Ion Ratio Lower Upper

248 100

250 98.7 76.3 114.5

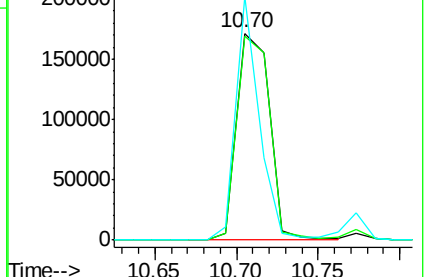
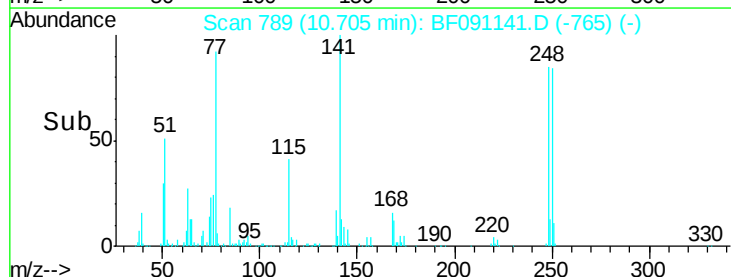
141 117.9 86.8 130.2

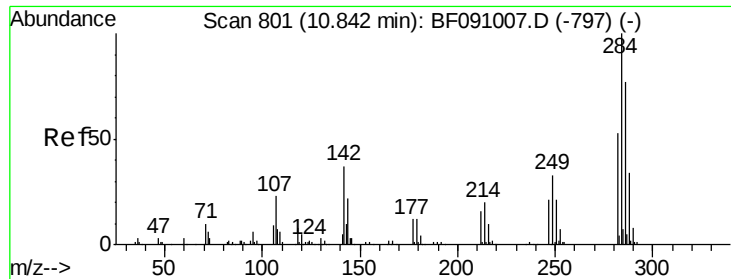


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.76 ng

RT: 10.77 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

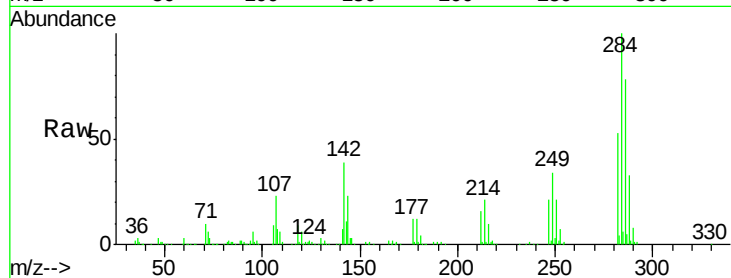
Tot Ion:284 Resp: 279748

Ion Ratio Lower Upper

284 100

142 39.3 29.9 44.9

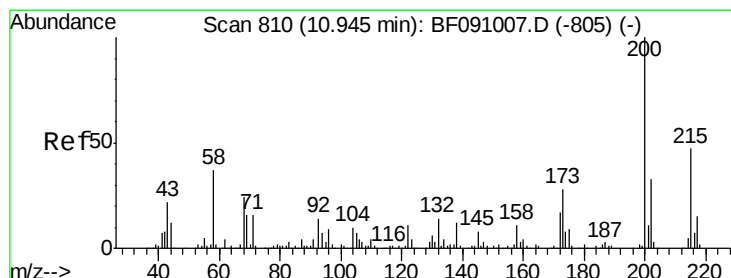
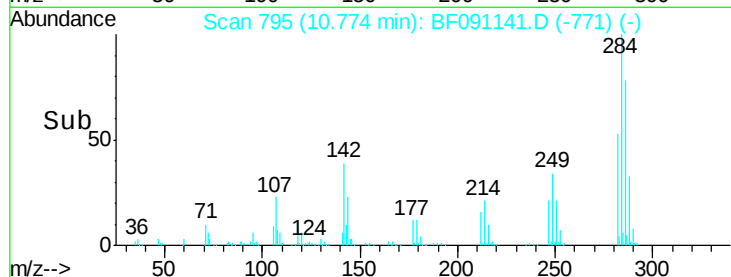
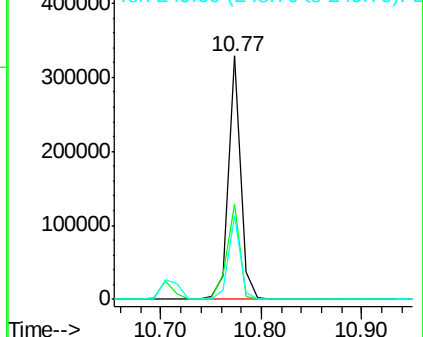
249 34.3 26.6 39.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.51 ng

RT: 10.88 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

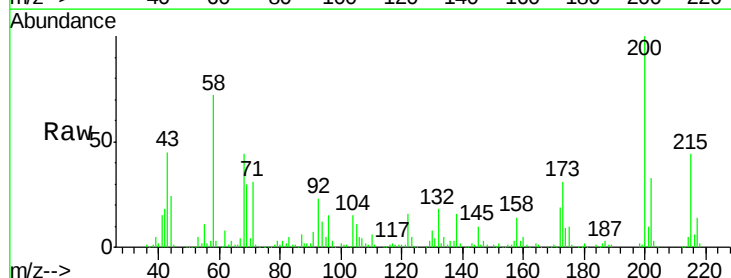
Tgt Ion:200 Resp: 216174

Ion Ratio Lower Upper

200 100

173 31.0 8.1 48.1

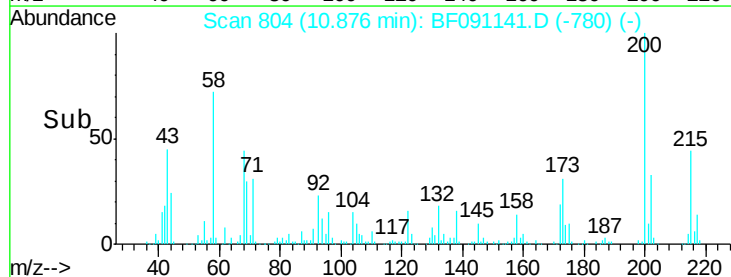
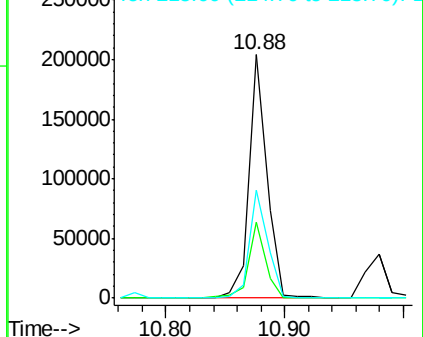
215 44.2 27.3 67.3

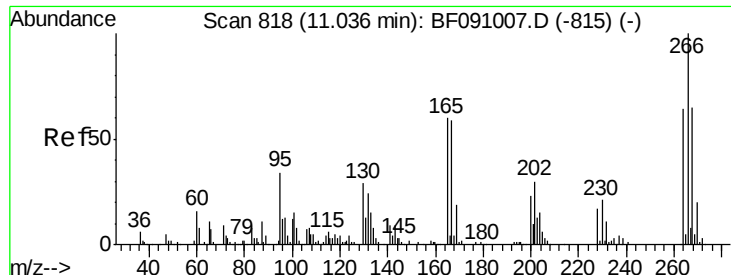


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

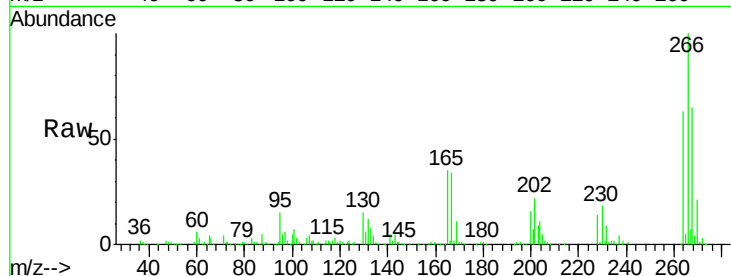




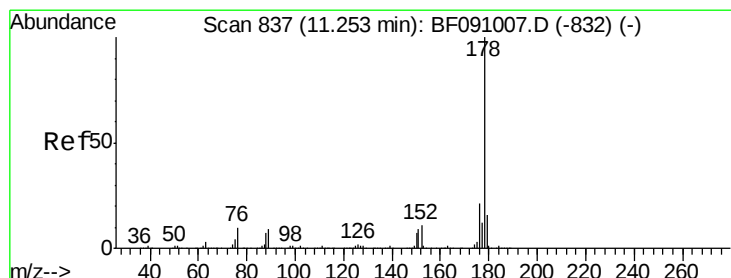
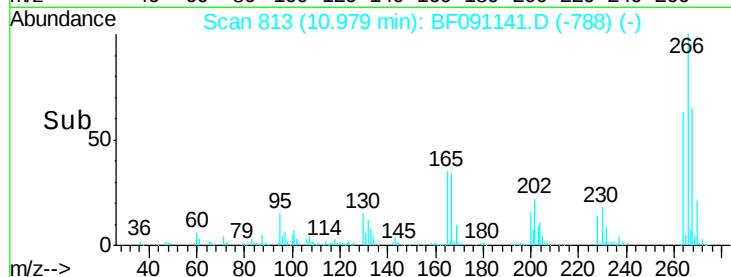
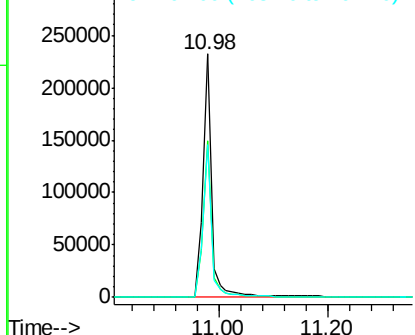
#69
 Pentachlorophenol
 Concen: 79.64 ng
 RT: 10.98 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 261289
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.1 78.1
 264 62.8 51.1 76.7

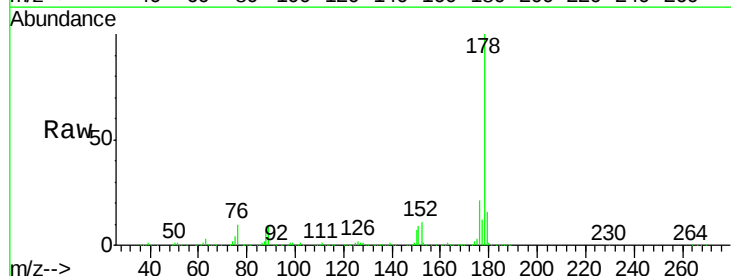


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

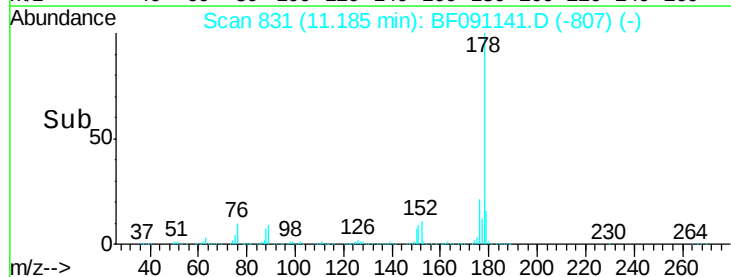
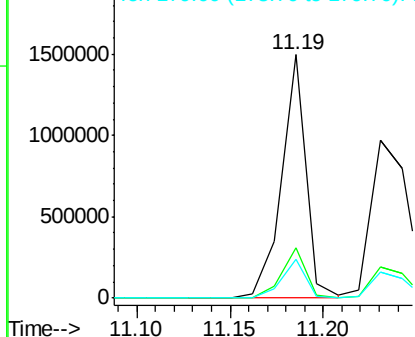


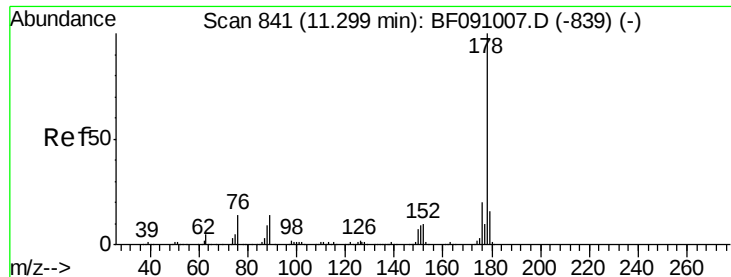
#70
 Phenanthrene
 Concen: 39.46 ng
 RT: 11.19 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion:178 Resp: 1354556
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.6 25.0
 179 16.1 12.9 19.3



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





#71

Anthracene

Concen: 36.16 ng

RT: 11.23 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

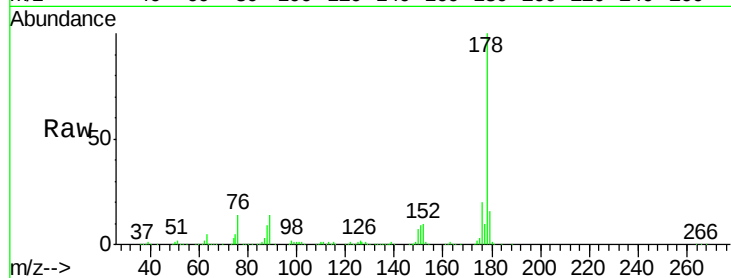
Tot Ion:178 Resp: 1319602

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

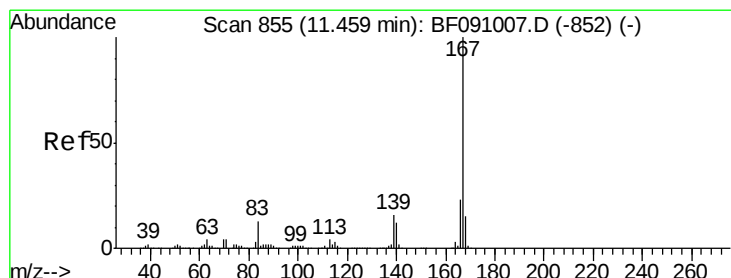
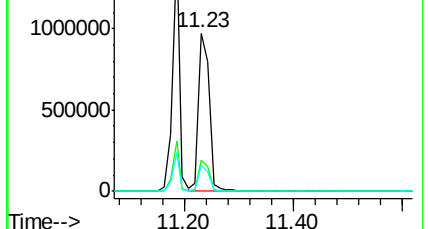
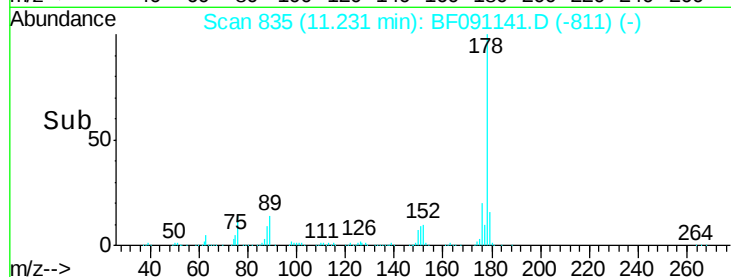
179 16.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.12 ng

RT: 11.39 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

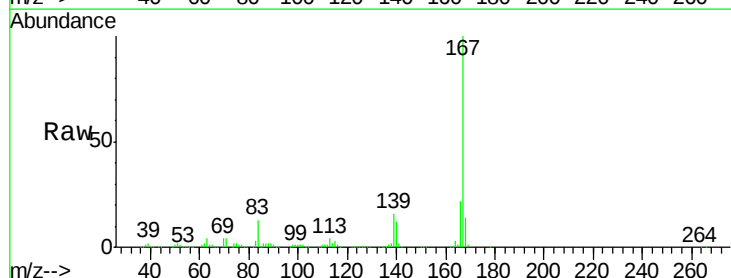
Tgt Ion:167 Resp: 1253616

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

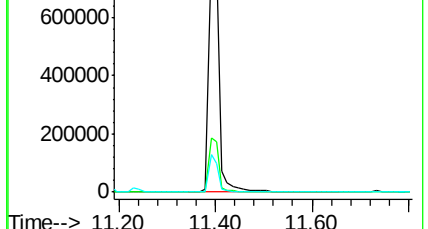
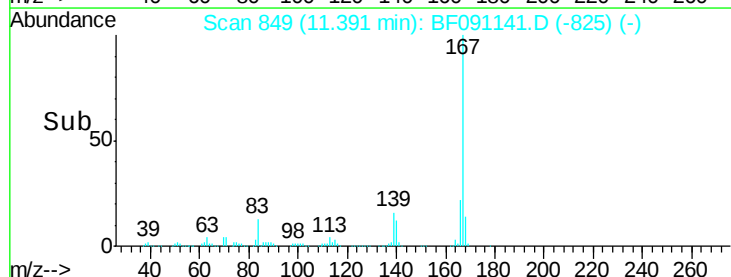
139 15.5 12.6 18.8

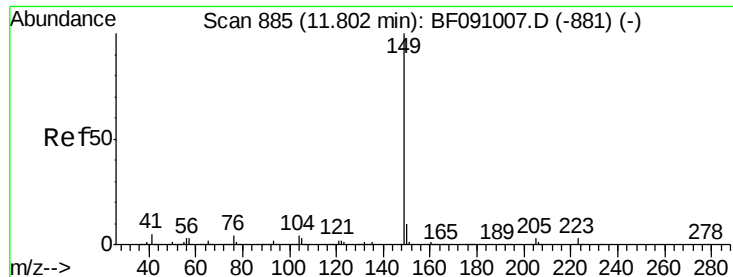


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.13 ng

RT: 11.73 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

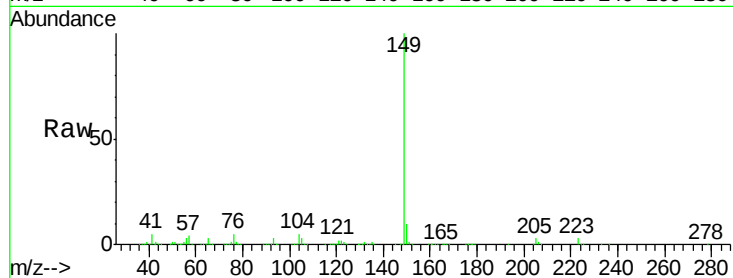
Tot Ion:149 Resp: 1494548

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

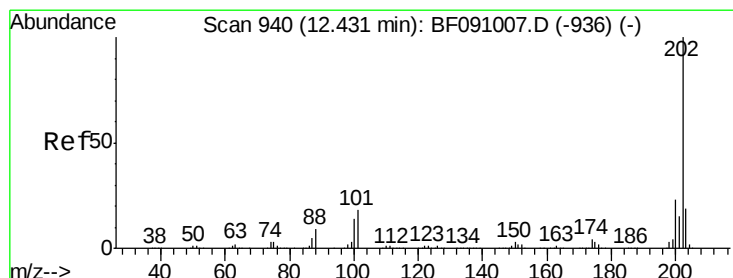
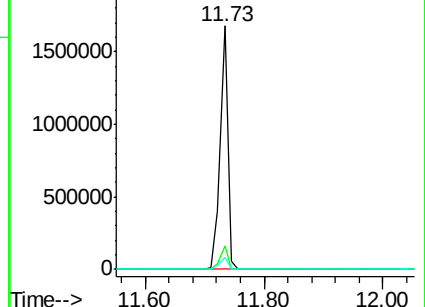
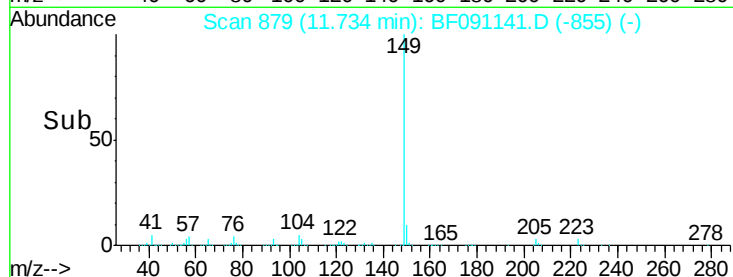
104 5.0 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.86 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

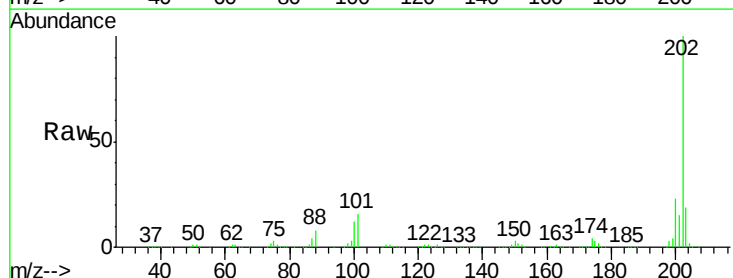
Tgt Ion:202 Resp: 1276715

Ion Ratio Lower Upper

202 100

101 15.6 0.0 37.6

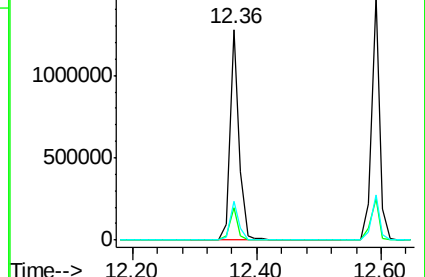
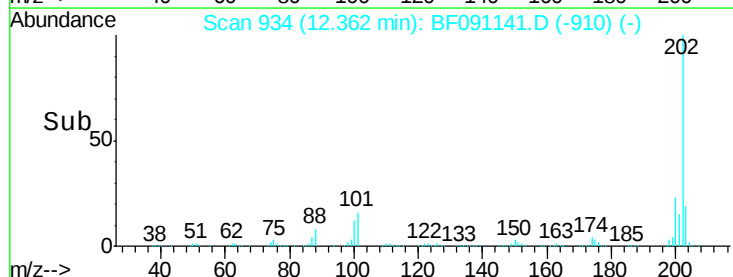
203 18.6 0.0 38.6

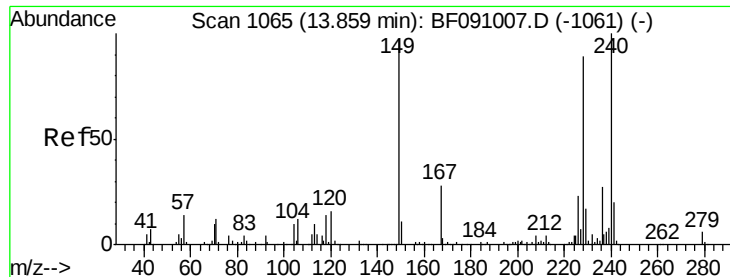


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampled :

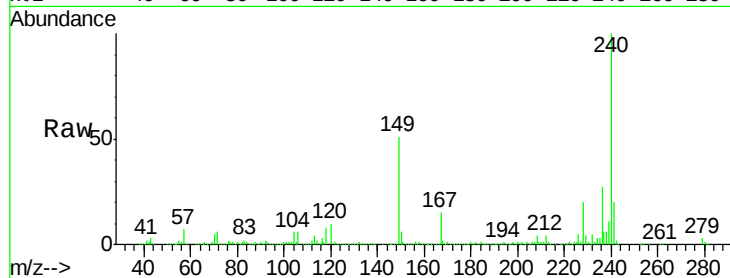
Tot Ion:240 Resp: 611848

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

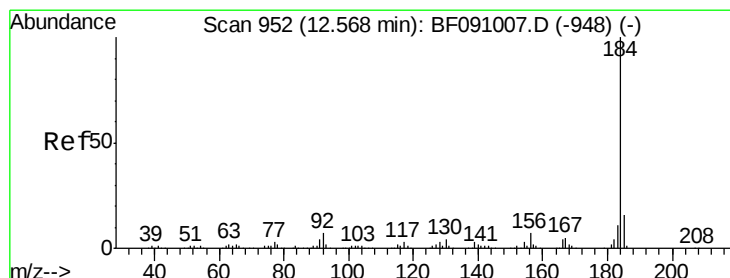
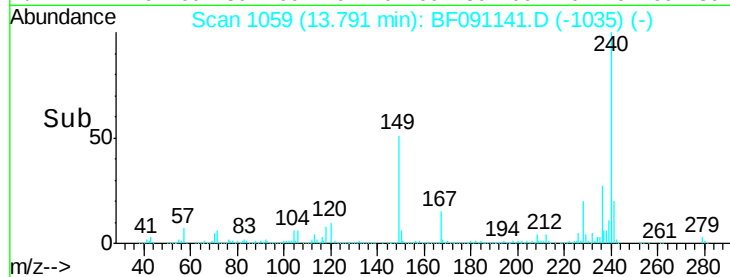
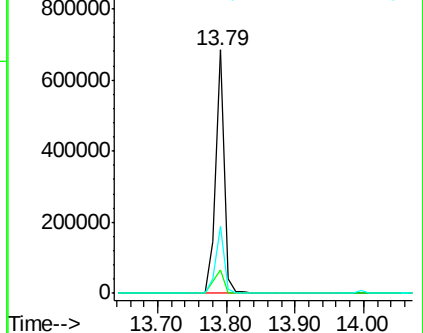
236 27.3 21.9 32.9



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: 40.93 ng

RT: 12.50 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

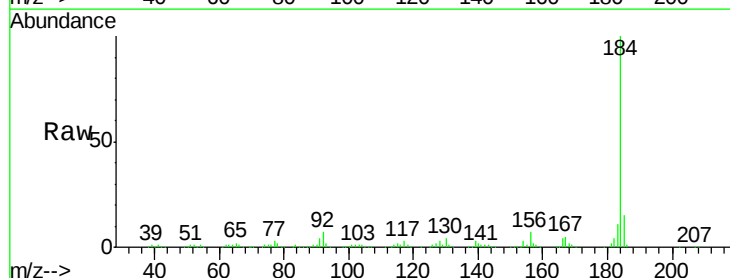
Tgt Ion:184 Resp: 559483

Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.4

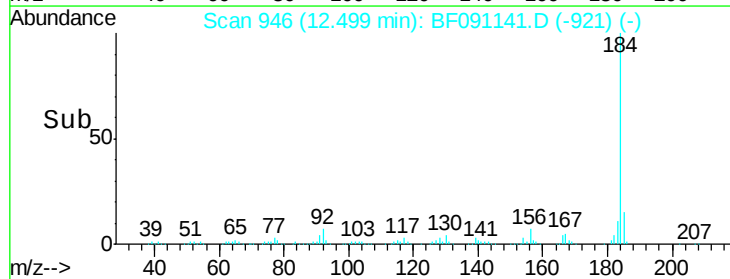
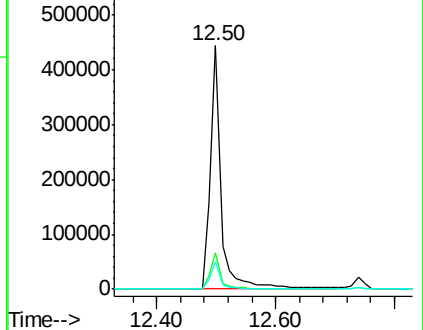
183 11.3 8.7 13.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

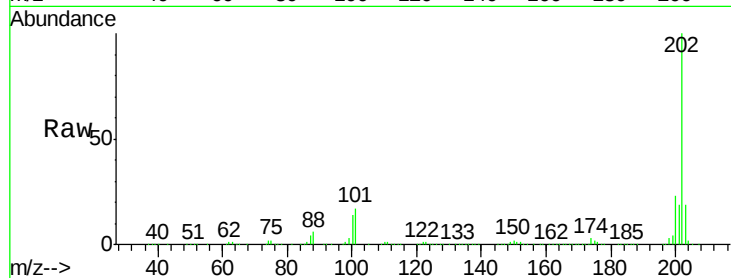




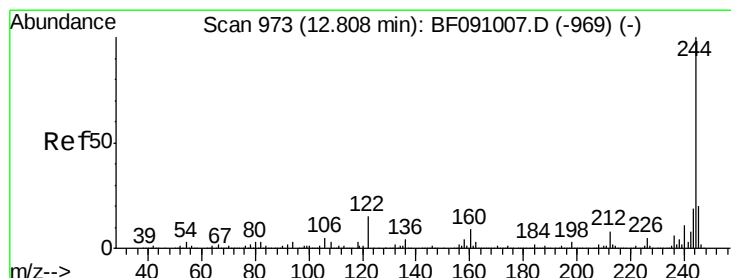
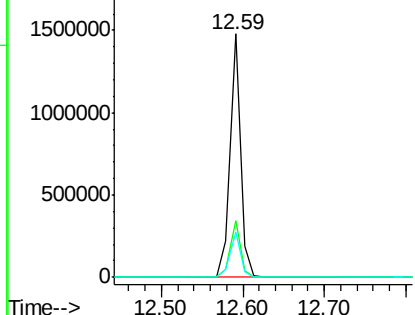
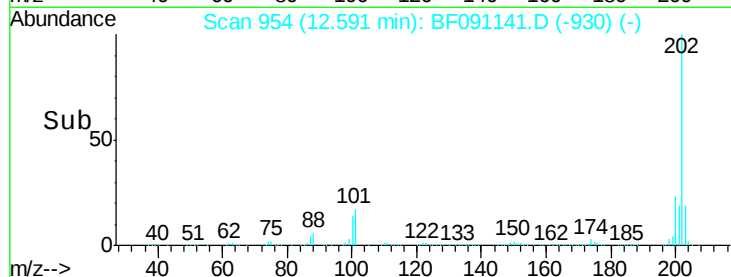
#77
Pvrene
Concen: 32.76 ng
RT: 12.59 min Scan# 954
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1312543
Ion Ratio Lower Upper
202 100
200 23.2 18.4 27.6
203 18.7 15.0 22.6

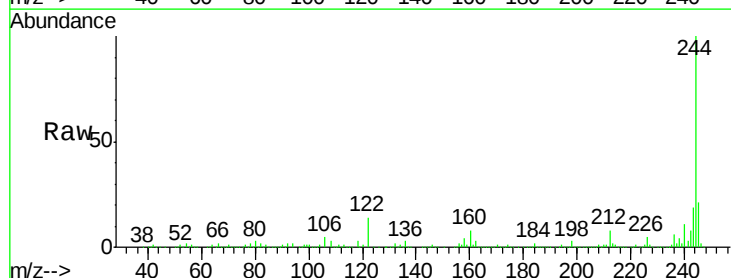


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

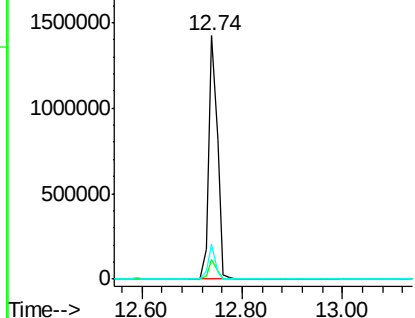
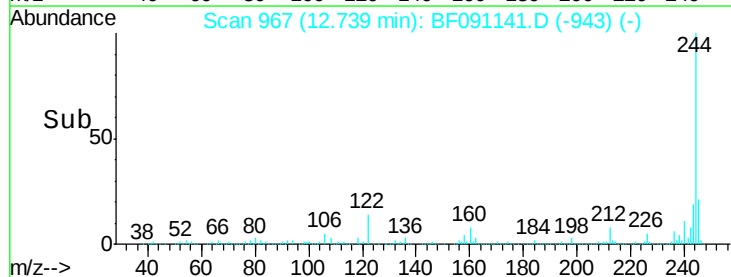


#78
Terphenyl-d14
Concen: 69.47 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion:244 Resp: 1703229
Ion Ratio Lower Upper
244 100
212 7.9 6.4 9.6
122 14.2 12.3 18.5



Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

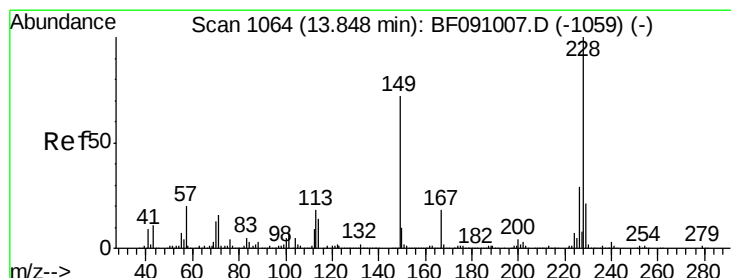
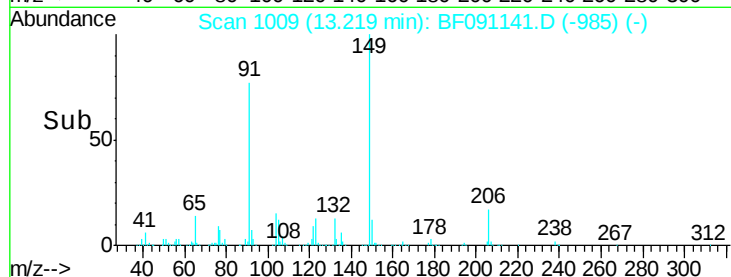
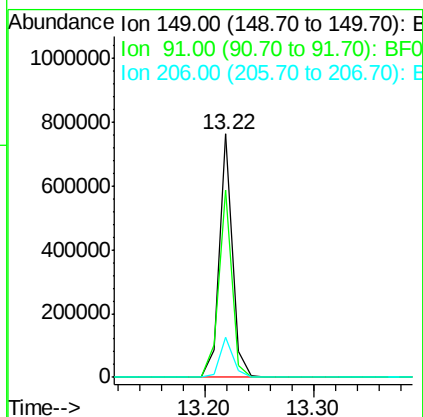
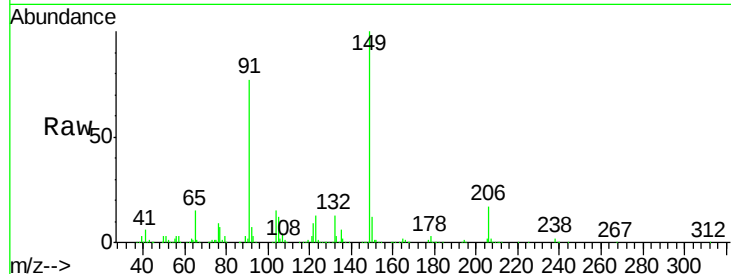




#79
Butylbenzylphthalate
Concen: 33.81 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

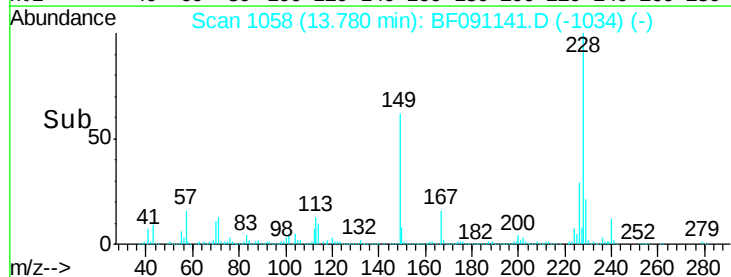
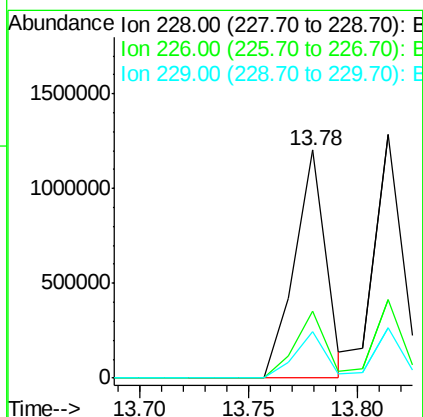
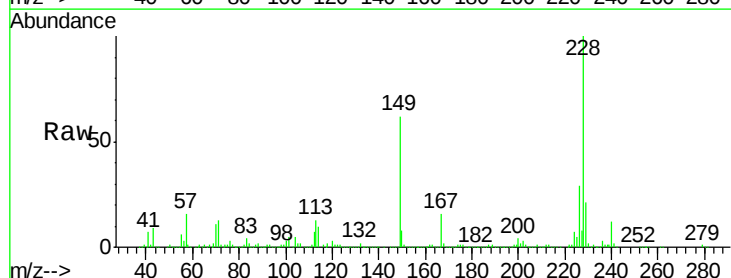
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 647981
Ion Ratio Lower Upper
149 100
91 76.8 65.0 97.4
206 16.5 12.5 18.7



#80
Benzo(a)anthracene
Concen: 34.88 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion:228 Resp: 1211724
Ion Ratio Lower Upper
228 100
226 29.2 23.0 34.6
229 20.5 16.6 24.8

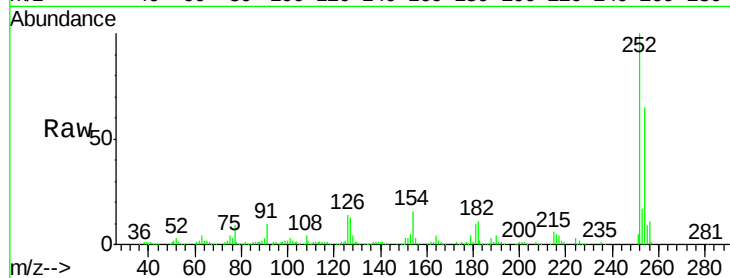




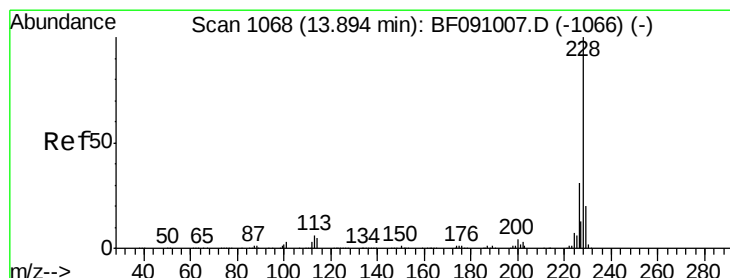
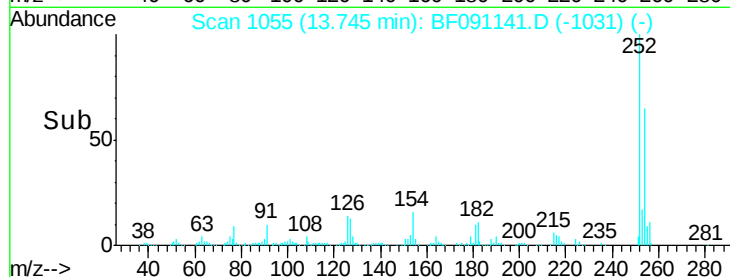
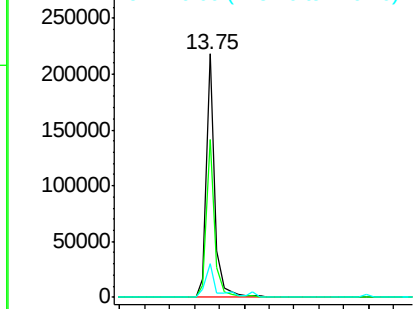
#81
 3,3'-Dichlorobenzidine
 Concen: 16.97 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.0	78.0
126	13.8	5.4	8.2#

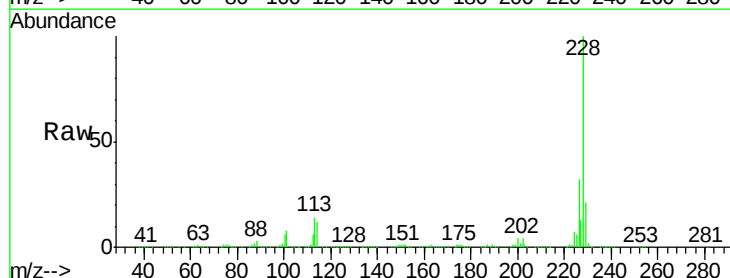


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

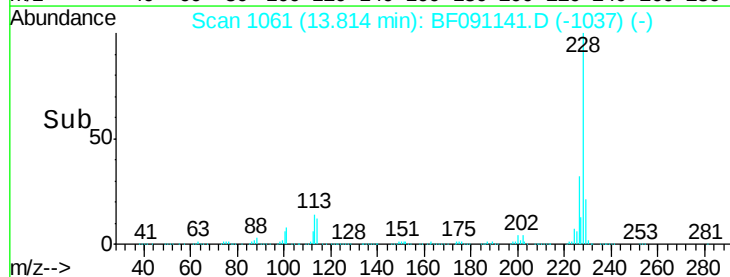
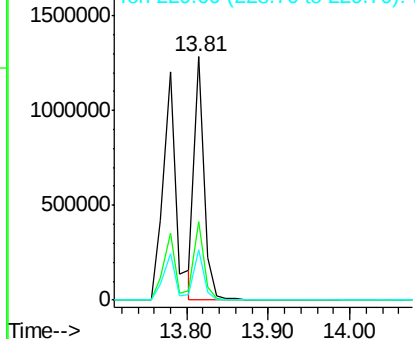


#82
 Chrysene
 Concen: 31.34 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	20.6	15.9	23.9



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

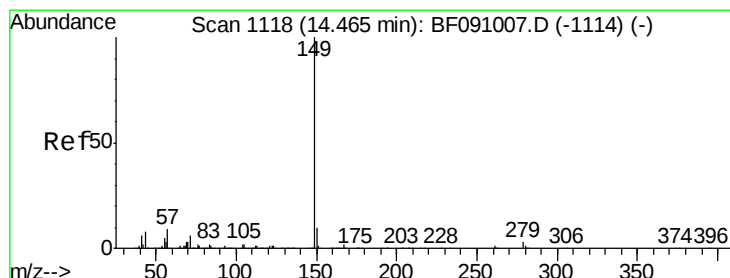
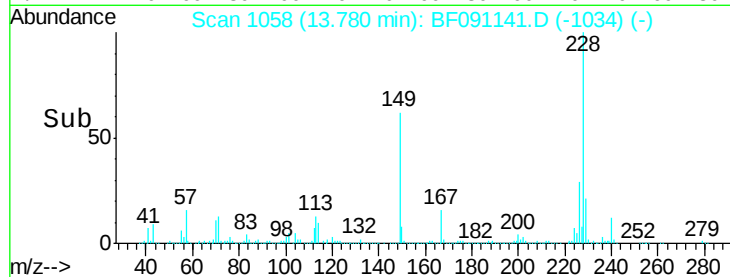
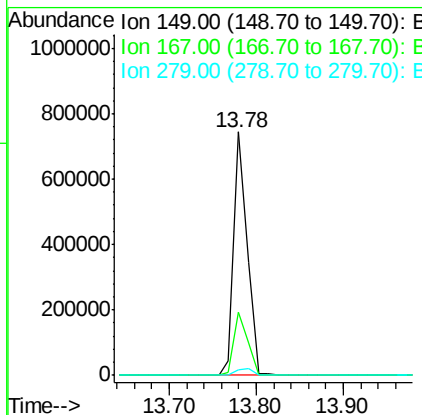
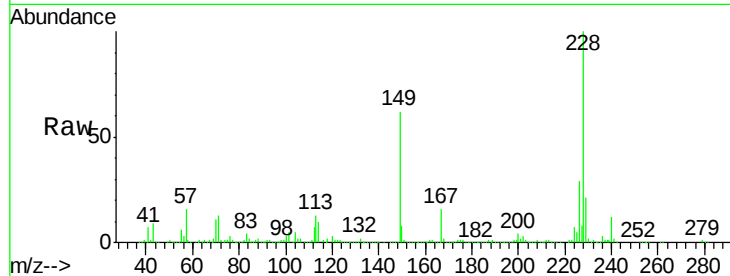




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.46 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

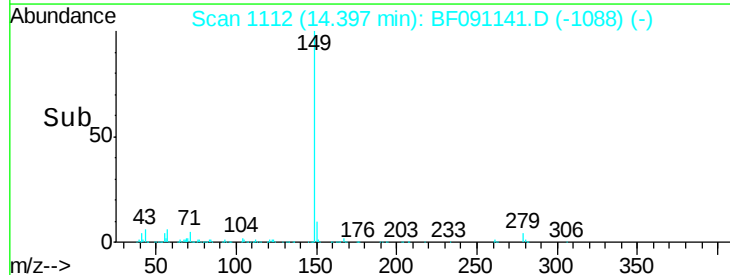
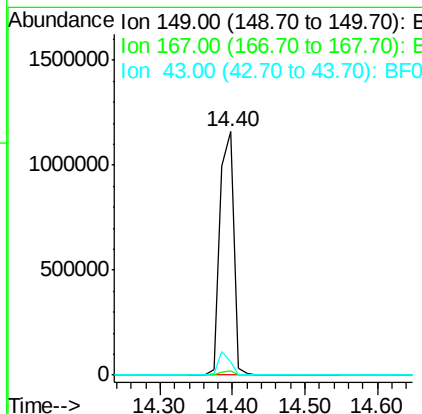
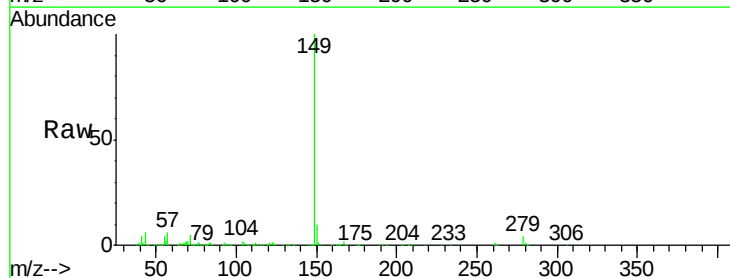
Instrument :
 BNA_F
 ClientSampleId :

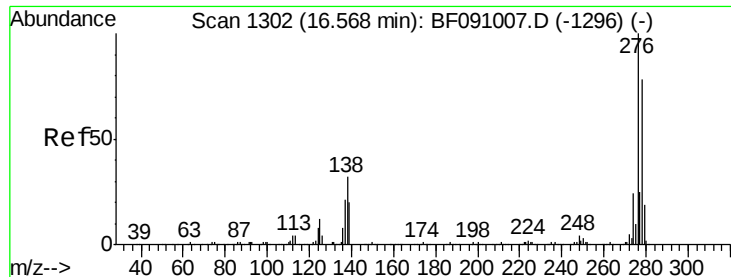
Tot Ion:149 Resp: 790030
 Ion Ratio Lower Upper
 149 100
 167 25.9 20.4 30.6
 279 2.4 1.6 2.4



#84
 Di-n-octyl phthalate
 Concen: 35.82 ng
 RT: 14.40 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BF091141.D
 Acq: 11 Nov 2016 15:44

Tgt Ion:149 Resp: 1527711
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.6 8.2 12.4

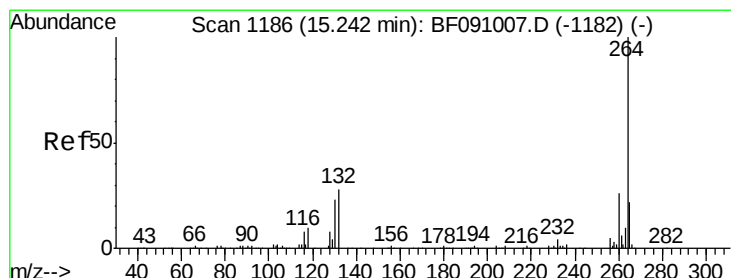
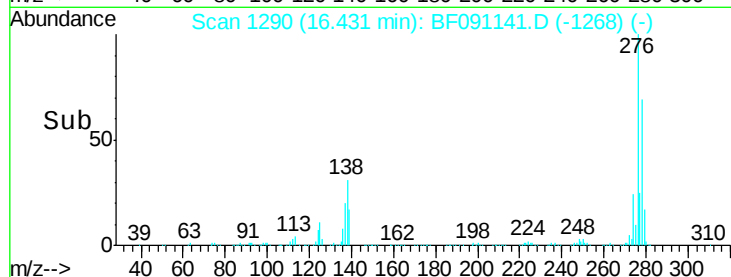
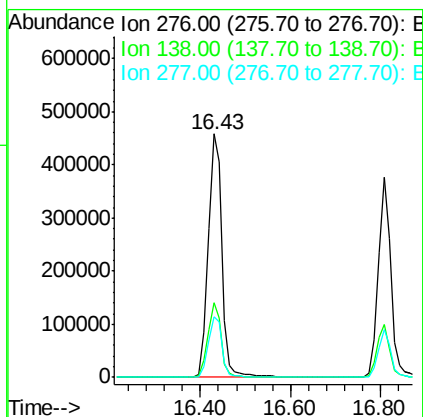
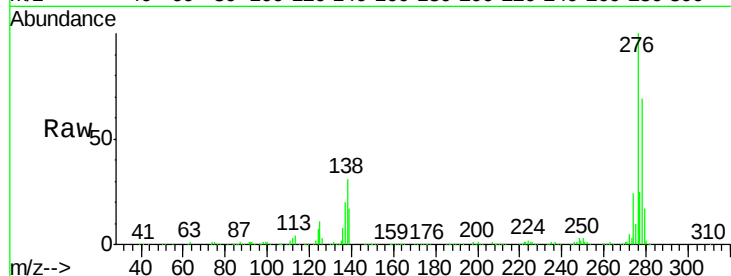




#85
Indeno(1,2,3-cd)pyrene
Concen: 34.25 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.05 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

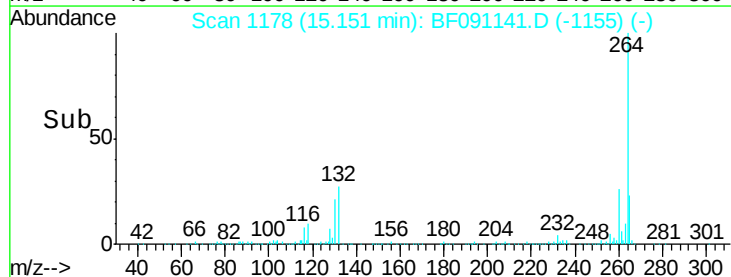
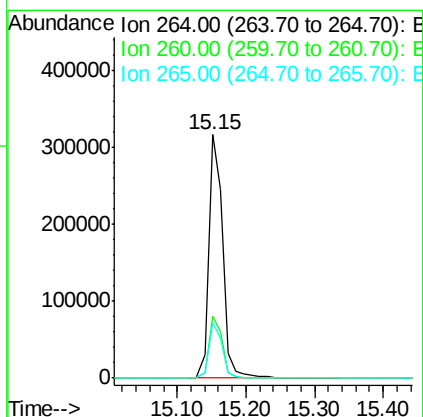
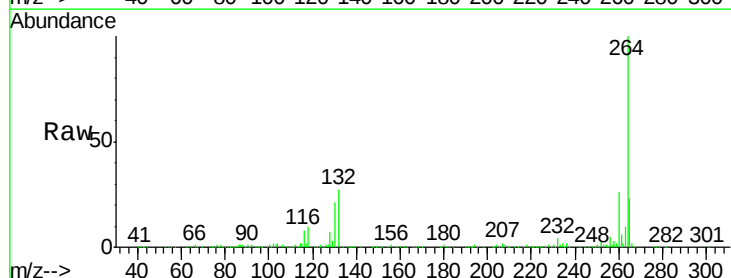
Instrument :
BNA_F
ClientSampleId :

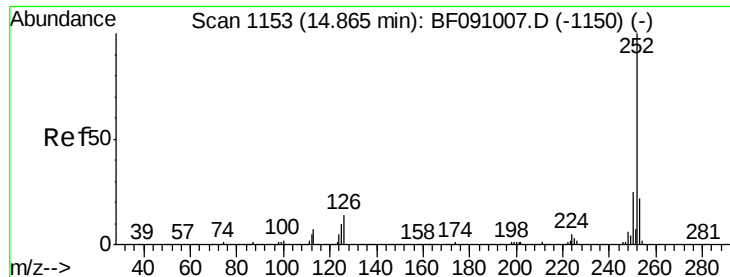
Tot Ion:276 Resp: 973446
Ion Ratio Lower Upper
276 100
138 30.0 26.0 39.0
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion:264 Resp: 447107
Ion Ratio Lower Upper
264 100
260 25.6 20.6 30.8
265 22.7 17.8 26.8

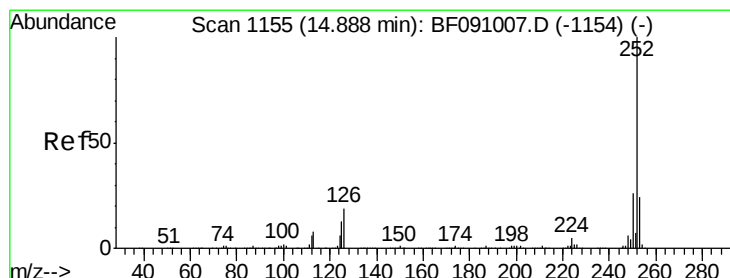
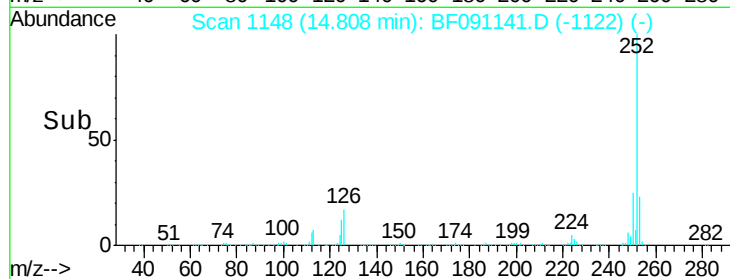
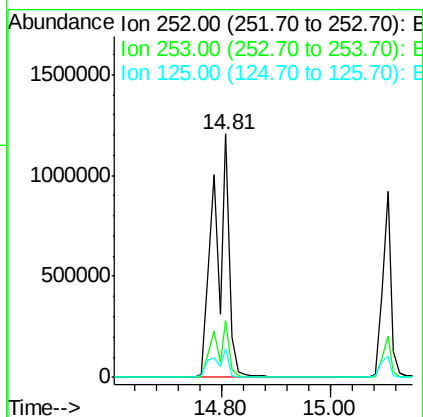
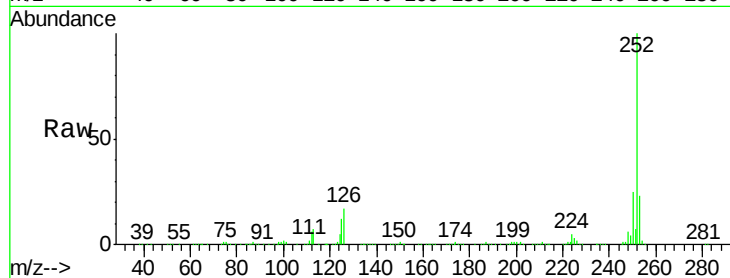




#87
Benzo(b)fluoranthene
Concen: 74.99 ng
RT: 14.81 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

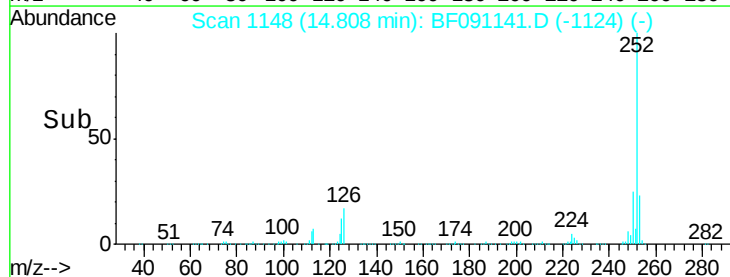
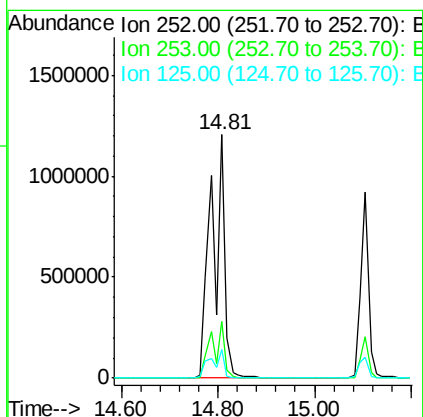
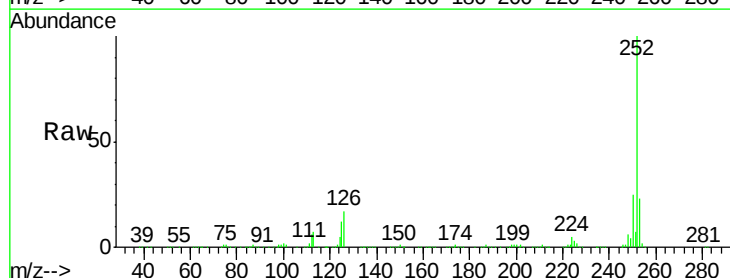
Instrument :
BNA_F
ClientSampleId :

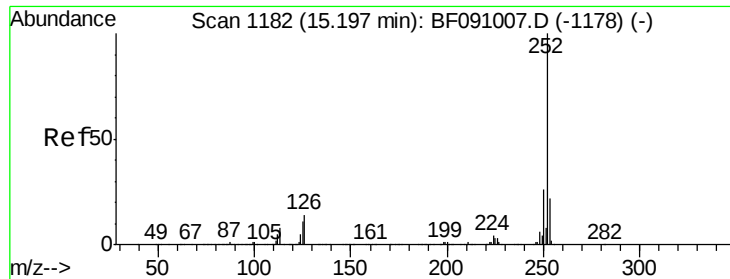
Tot Ion:252 Resp: 2273892
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 11.8 8.3 12.5



#88
Benzo(k)fluoranthene
Concen: 85.55 ng
RT: 14.81 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion:252 Resp: 2275653
Ion Ratio Lower Upper
252 100
253 23.1 18.6 28.0
125 11.8 11.2 16.8

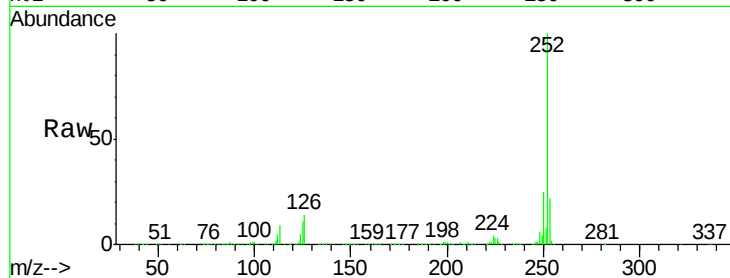




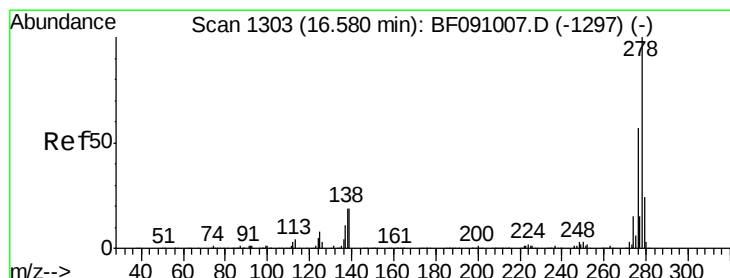
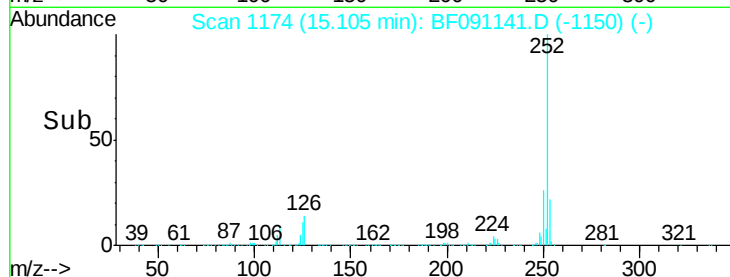
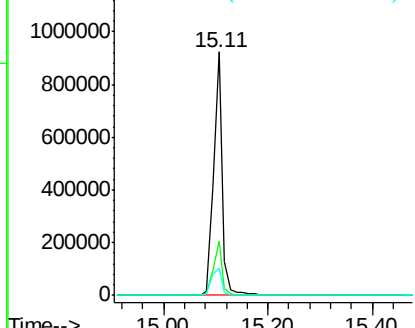
#89
Benzo(a)pyrene
Concen: 39.77 ng
RT: 15.11 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1049961
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.2 8.6 13.0

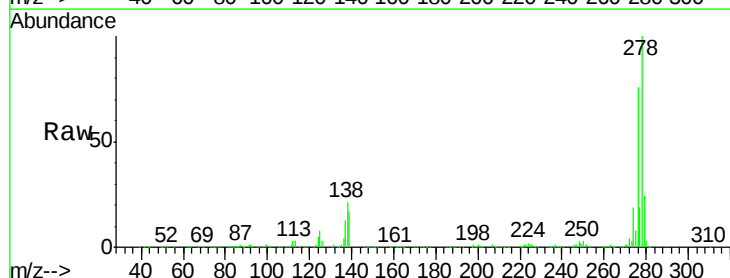


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

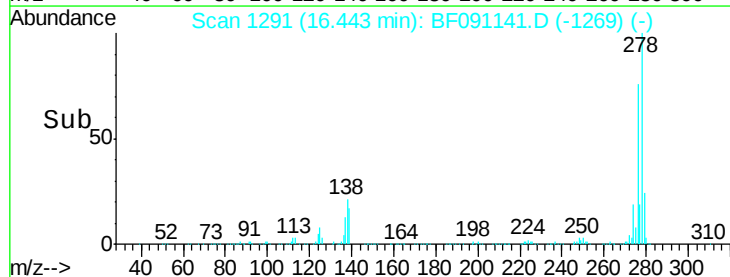
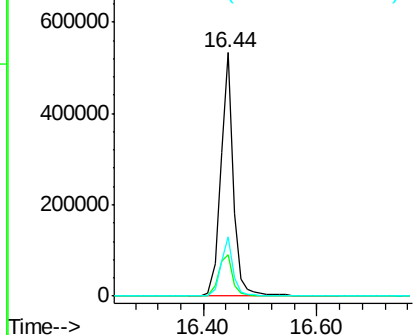


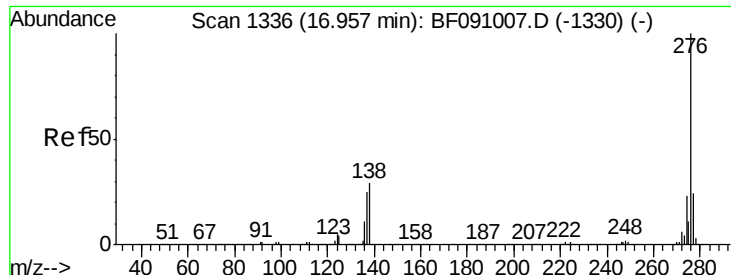
#90
Dibenzo(a,h)anthracene
Concen: 36.14 ng
RT: 16.44 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF091141.D
Acq: 11 Nov 2016 15:44

Tgt Ion:278 Resp: 824794
Ion Ratio Lower Upper
278 100
139 17.2 15.3 22.9
279 24.2 19.3 28.9



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(a,h,i)perylene

Concen: 35.85 ng

RT: 16.81 min Scan# 1323

Delta R.T. -0.05 min

Lab File: BF091141.D

Acq: 11 Nov 2016 15:44

Instrument :

BNA_F

ClientSampleId :

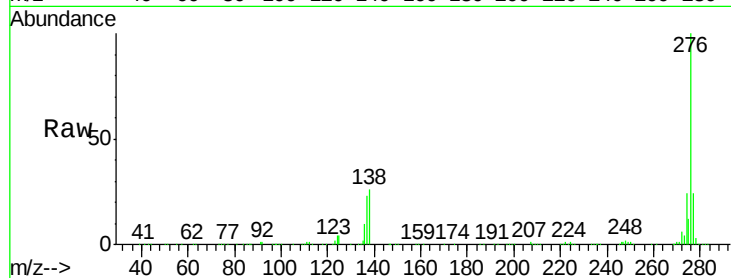
Tot Ion: 276 Resp: 739880

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 26.2 23.3 34.9



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

