

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091990.D
 Acq On : 28 Dec 2016 3:39
 Operator : UM/SJ
 Sample : PB95631BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95631BS

Quant Time: Dec 28 06:27:09 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	222616	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	940695	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	495181	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	669840	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	511542	20.00	ng	-0.01
86) Perylene-d12	15.29	264	457520	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	976511	73.24	ng	0.01
7) Phenol-d6	6.41	99	1204681	74.01	ng	0.00
23) Nitrobenzene-d5	7.30	82	1342733	79.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	243366	59.39	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2275627	95.80	ng	-0.01
78) Terphenyl-d14	12.84	244	1874454	88.87	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	232316	35.39	ng	97
3) Pyridine	2.99	79	643596	28.09	ng	96
4) n-Nitrosodimethylamine	2.94	42	335476	38.82	ng	95
6) Aniline	6.40	93	424010	20.06	ng	# 53
8) 2-Chlorophenol	6.52	128	622274	41.03	ng	96
9) Benzaldehyde	6.27	77	69461	5.56	ng	99
10) Phenol	6.42	94	916700	49.42	ng	# 70
11) bis(2-Chloroethyl)ether	6.46	93	597014	40.45	ng	97
12) 1,3-Dichlorobenzene	6.67	146	683108	42.19	ng	98
13) 1,4-Dichlorobenzene	6.75	146	657172	39.88	ng	92
14) 1,2-Dichlorobenzene	6.90	146	595173	41.62	ng	98
15) Benzyl Alcohol	6.89	79	199433	15.77	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.01	45	805565	36.65	ng	65
17) 2-Methylphenol	7.02	107	486361	39.88	ng	# 92
18) Hexachloroethane	7.24	117	254226	41.61	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	519256	47.95	ng	# 91
20) 3+4-Methylphenols	7.17	107	701028	48.19	ng	# 70
22) Acetophenone	7.15	105	942808	40.63	ng	# 90
24) Nitrobenzene	7.32	77	760080	42.18	ng	96
25) Isophorone	7.56	82	1230658	39.43	ng	96
26) 2-Nitrophenol	7.64	139	354334	39.88	ng	# 86
27) 2,4-Dimethylphenol	7.70	122	591969	40.17	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	772067	40.79	ng	99
29) 2,4-Dichlorophenol	7.89	162	512879	41.10	ng	89
30) 1,2,4-Trichlorobenzene	7.96	180	530682	38.81	ng	96
31) Naphthalene	8.04	128	1819273	42.26	ng	100
32) Benzoic acid	7.85	122	260017	23.79	ng	98
33) 4-Chloroaniline	8.11	127	247536	12.75	ng	95
34) Hexachlorobutadiene	8.16	225	298053	41.29	ng	100
35) Caprolactam	8.48	113	156446m	38.15	ng	
36) 4-Chloro-3-methylphenol	8.61	107	582537	40.57	ng	96
37) 2-Methylnaphthalene	8.74	142	1203487	46.80	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	462142	36.94	ng	# 98
40) Hexachlorocyclopentadiene	8.89	237	425544	76.56	ng	96

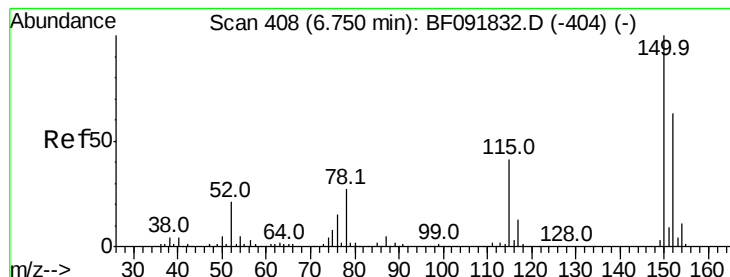
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	338643	38.70	nq	98
43) 2,4,5-Trichlorophenol	9.08	196	323255	35.90	nq #	85
45) 1,1'-Biphenyl	9.20	154	1350540	39.83	nq	96
46) 2-Chloronaphthalene	9.22	162	1031530	38.42	nq	94
47) 2-Nitroaniline	9.33	65	414820	43.39	nq #	76
48) Acenaphthylene	9.64	152	1700527	41.18	nq	98
49) Dimethylphthalate	9.52	163	1384471	43.71	nq	100
50) 2,6-Dinitrotoluene	9.57	165	327858	47.30	nq	94
51) Acenaphthene	9.81	154	1099211	39.26	nq	98
52) 3-Nitroaniline	9.74	138	173576	20.23	nq #	79
53) 2,4-Dinitrophenol	9.85	184	153208	39.72	nq #	56
54) Dibenzofuran	9.98	168	1524292	40.32	nq	96
55) 4-Nitrophenol	9.94	139	402219	69.05	nq	97
56) 2,4-Dinitrotoluene	9.97	165	332616	38.23	nq #	84
57) Fluorene	10.33	166	1198556	43.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	284328	39.92	nq	99
59) Diethylphthalate	10.20	149	1236141	40.19	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	497550	41.31	nq	97
61) 4-Nitroaniline	10.36	138	302756	34.06	nq	96
62) Azobenzene	10.48	77	1428820	42.19	nq	98
64) 4,6-Dinitro-2-methylphenol	10.38	198	162084	40.02	nq	80
65) n-Nitrosodiphenylamine	10.44	169	1007324	50.68	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	363038	52.10	nq #	88
67) Hexachlorobenzene	10.86	284	363254	48.77	nq #	76
68) Atrazine	10.98	200	296452	46.24	nq	96
69) Pentachlorophenol	11.07	266	238281	65.20	nq	98
70) Phenanthrene	11.29	178	1492660	41.10	nq	98
71) Anthracene	11.33	178	1477920	46.37	nq	99
72) Carbazole	11.49	167	1288718	41.73	nq	100
73) Di-n-butylphthalate	11.82	149	1601978	46.70	nq	99
74) Fluoranthene	12.47	202	1642160	52.14	nq	99
76) Benzidine	12.59	184	437415	31.10	nq	97
77) Pyrene	12.69	202	1637382	43.63	nq	99
79) Butylbenzylphthalate	13.32	149	796875	46.68	nq	96
80) Benzo(a)anthracene	13.88	228	1334357	46.21	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	330034	30.14	nq	98
82) Chrysene	13.93	228	1357016	46.85	nq	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1004778	49.98	nq	100
84) Di-n-octyl phthalate	14.50	149	1853272	49.77	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	1133317	45.17	nq	99
87) Benzo(b)fluoranthene	14.90	252	1128070m	39.60	nq	
88) Benzo(k)fluoranthene	14.93	252	1185302m	48.80	nq	
89) Benzo(a)pyrene	15.24	252	1104314	43.68	nq #	95
90) Dibenzo(a,h)anthracene	16.65	278	927282	44.62	nq	98
91) Benzo(g,h,i)perylene	17.04	276	948730	43.91	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

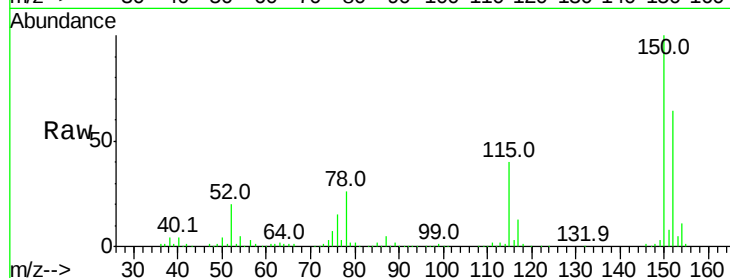
Tot Ion:152 Resp: 222616

Ion Ratio Lower Upper

152 100

150 157.4 124.9 187.3

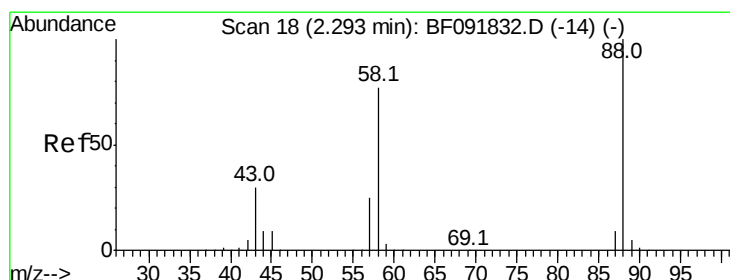
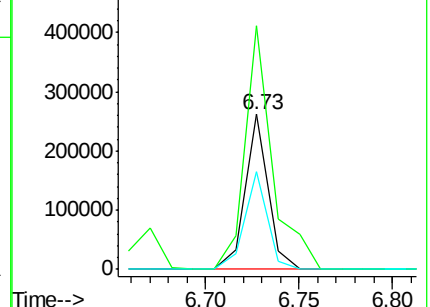
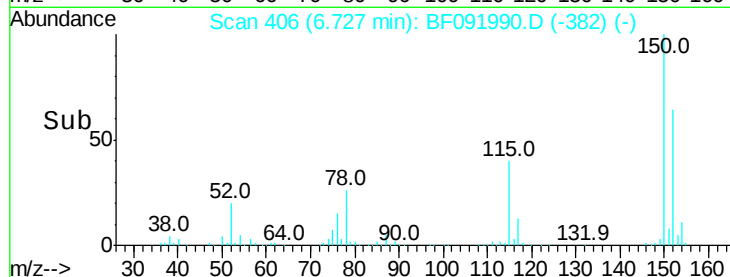
115 62.9 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.39 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.02 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

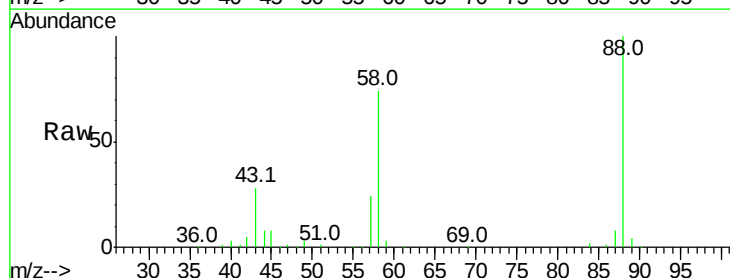
Tgt Ion: 88 Resp: 232316

Ion Ratio Lower Upper

88 100

58 75.4 57.8 86.8

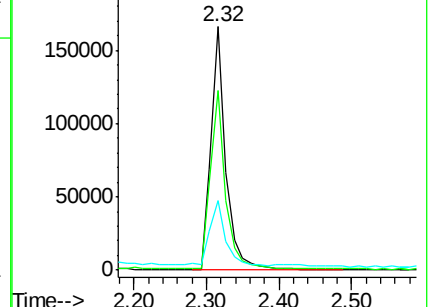
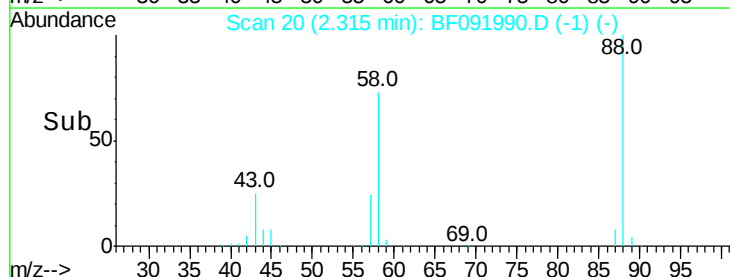
43 27.9 22.3 33.5

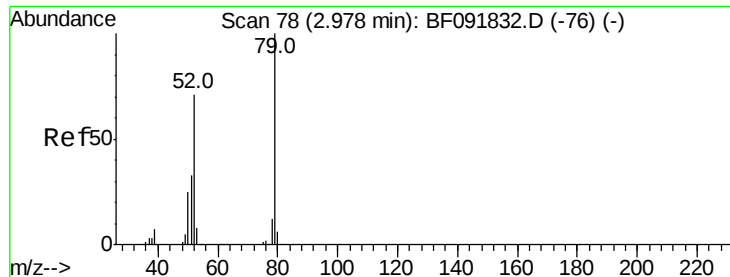


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

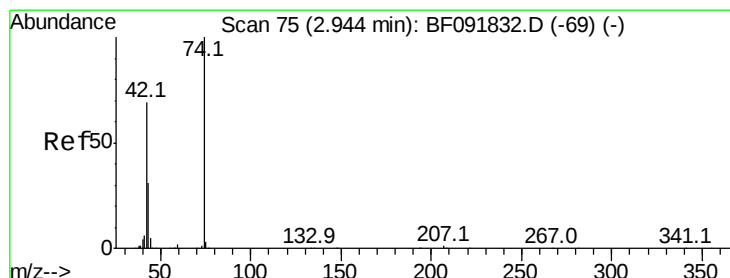
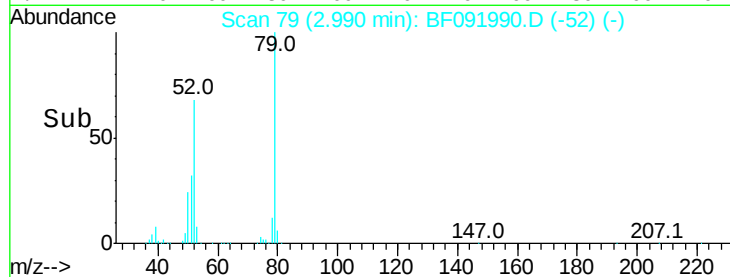
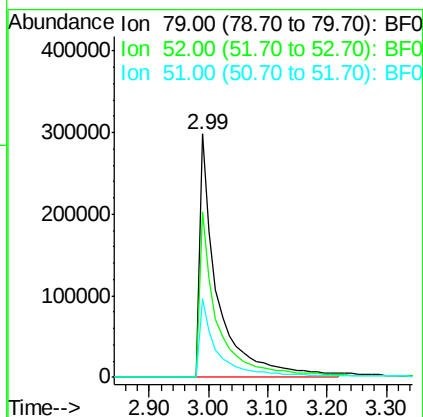
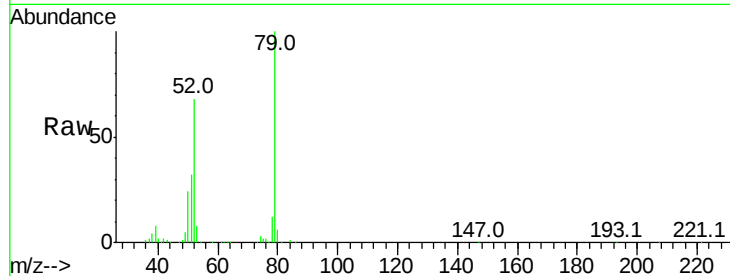




#3
 Pvridine
 Concen: 28.09 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.01 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

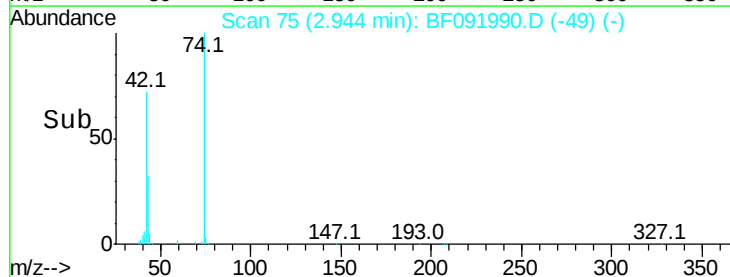
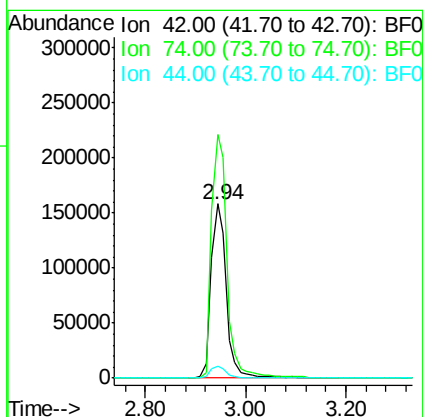
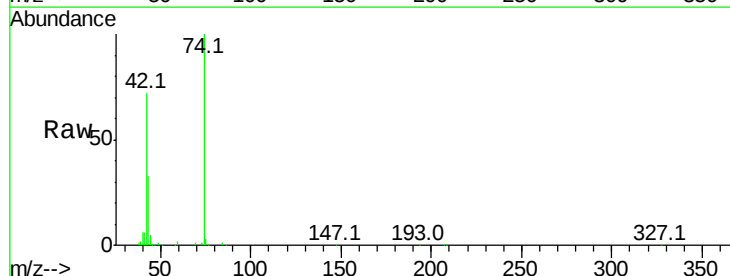
Instrument :
 BNA_F
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 PB95631BS

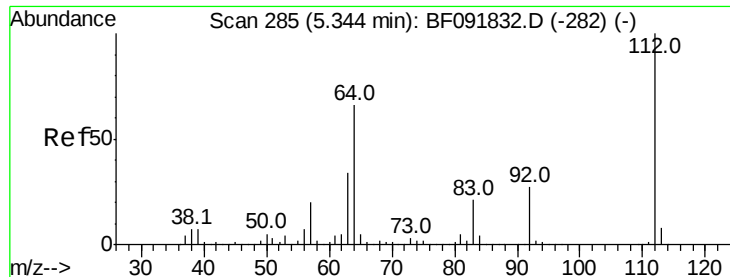
Tot Ion: 79 Resp: 643596
 Ion Ratio Lower Upper
 79 100
 52 67.8 57.1 85.7
 51 32.5 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 38.82 ng
 RT: 2.94 min Scan# 75
 Delta R.T. -0.00 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

Tgt Ion: 42 Resp: 335476
 Ion Ratio Lower Upper
 42 100
 74 139.6 117.0 175.4
 44 7.1 5.5 8.3

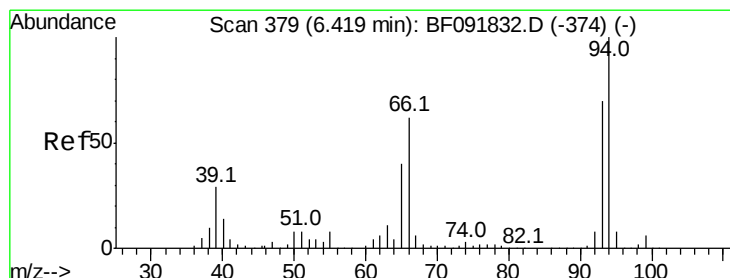
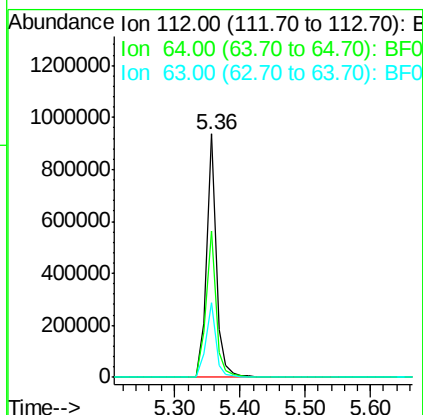
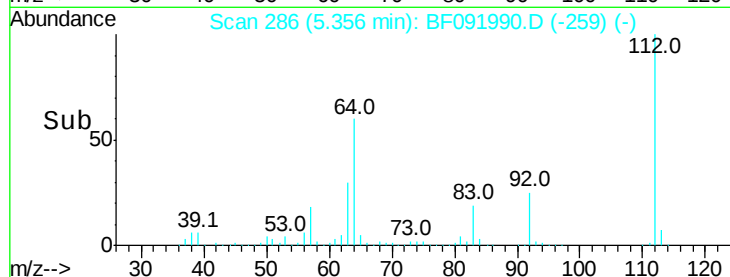
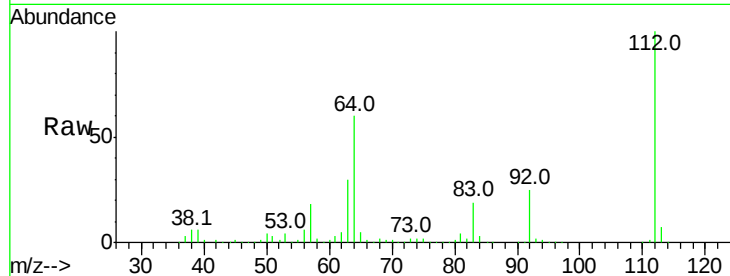




#5
 2-Fluorophenol
 Concen: 73.24 ng
 RT: 5.36 min Scan# 286
 Delta R.T. 0.01 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

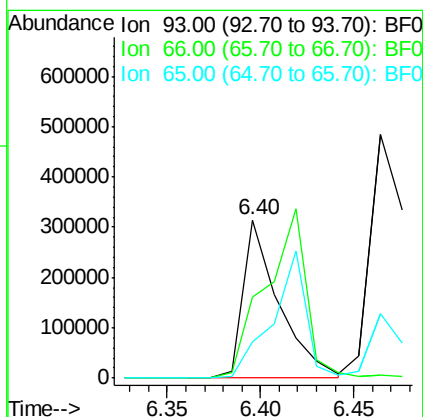
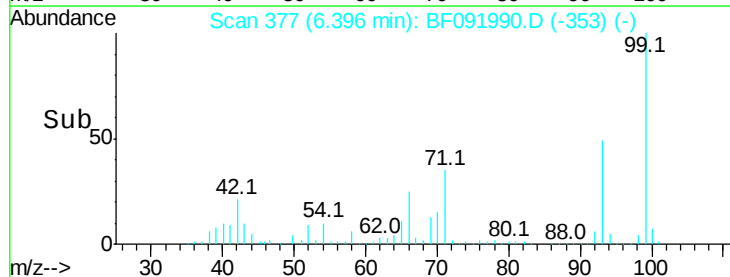
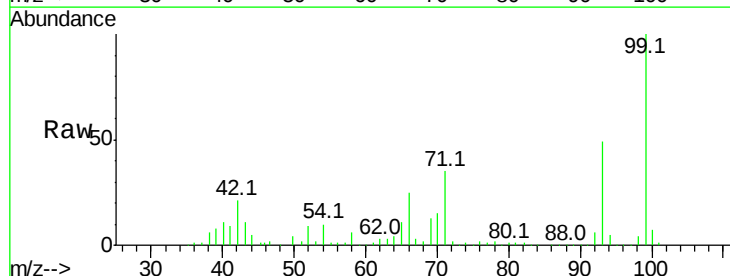
Instrument :
 BNA_F
 ClientSampleID :
 PB95631BS

Tot Ion:	112	Resp:	976511
Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.1	69.1
63	30.5	23.8	35.6



#6
 Aniline
 Concen: 20.06 ng
 RT: 6.40 min Scan# 377
 Delta R.T. -0.02 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

Tgt Ion:	93	Resp:	424010
Ion	Ratio	Lower	Upper
93	100		
66	51.2	76.2	114.2#
65	23.1	49.3	73.9#





#7

Phenol-d6

Concen: 74.01 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

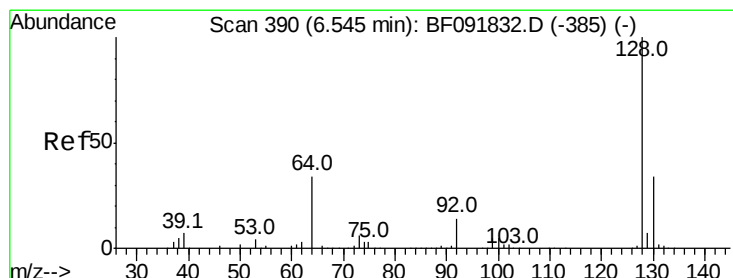
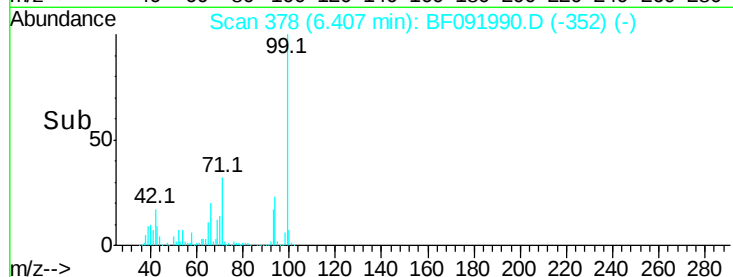
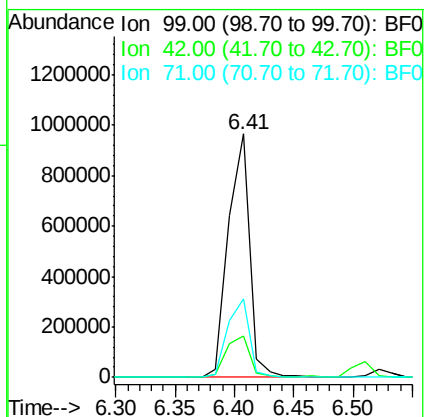
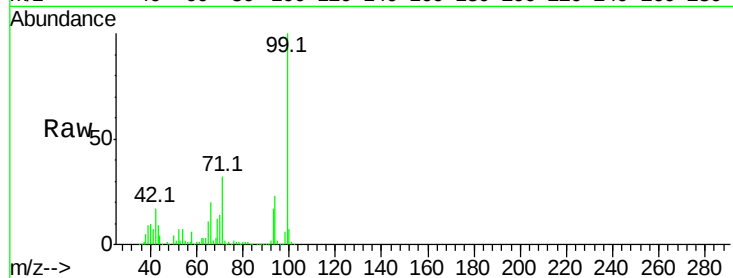
Tot Ion: 99 Resp: 1204681

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

71 32.1 27.5 41.3



#8

2-Chlorophenol

Concen: 41.03 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

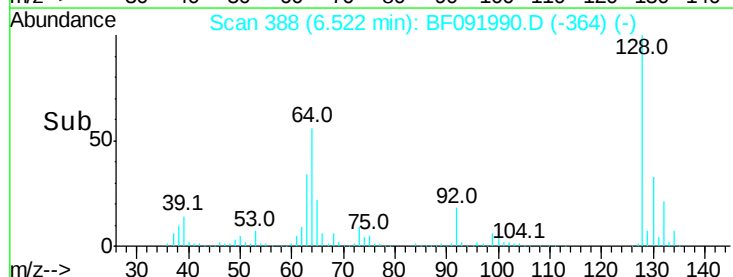
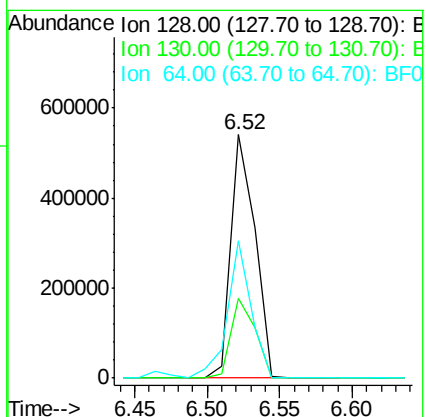
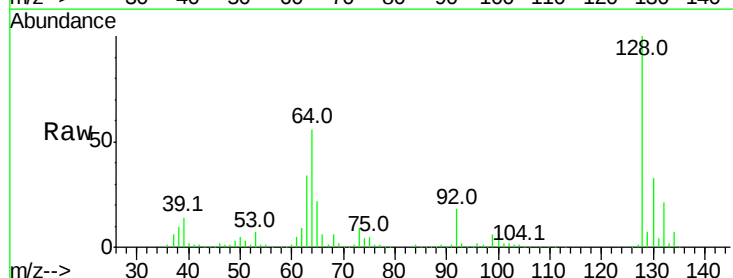
Tgt Ion: 128 Resp: 622274

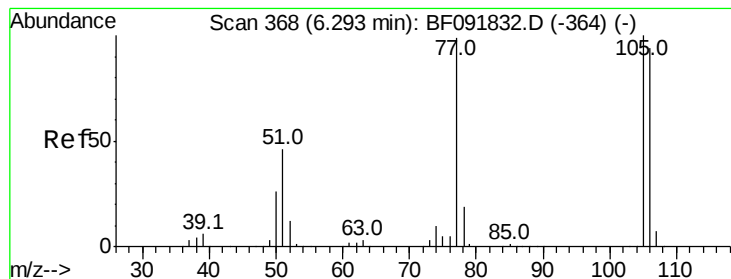
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 56.3 32.2 72.2





#9

Benzaldehyde

Concen: 5.56 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

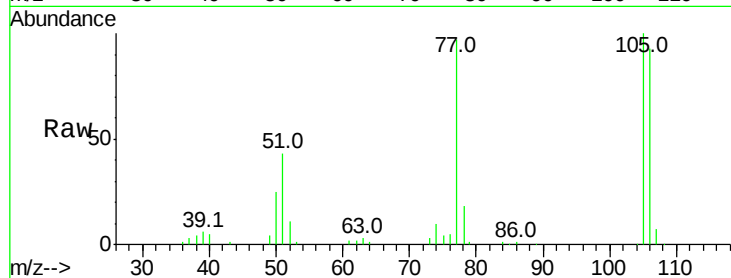
Tot Ion: 77 Resp: 69461

Ion Ratio Lower Upper

77 100

105 102.9 83.9 123.9

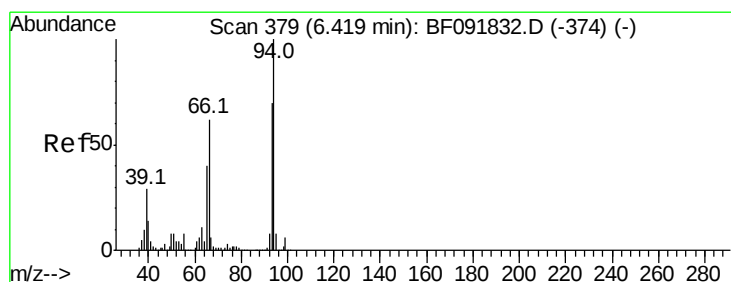
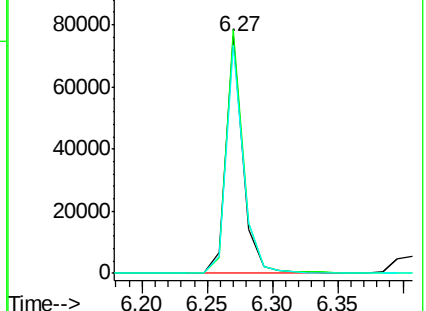
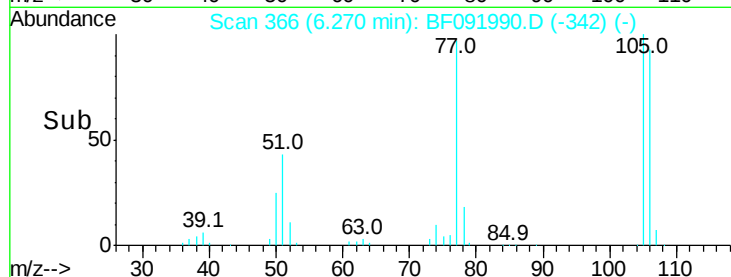
106 96.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 49.42 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

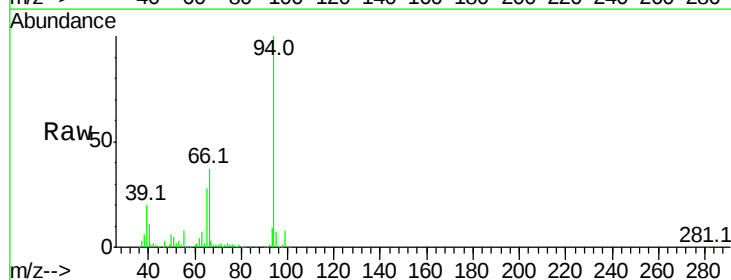
Tgt Ion: 94 Resp: 916700

Ion Ratio Lower Upper

94 100

65 27.5 21.4 61.4

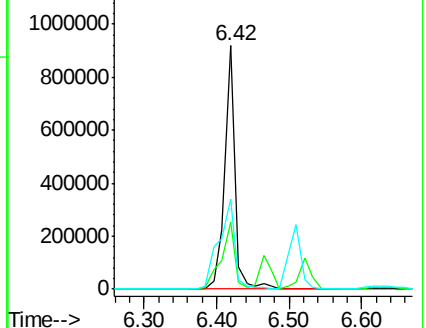
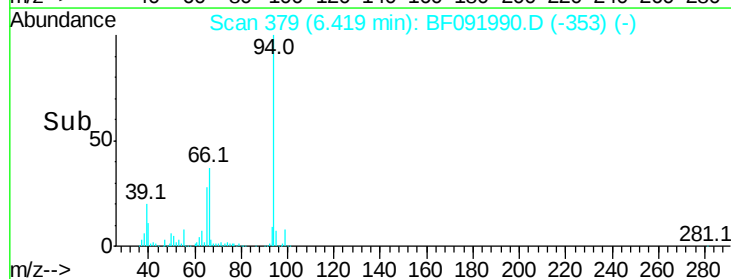
66 36.8 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

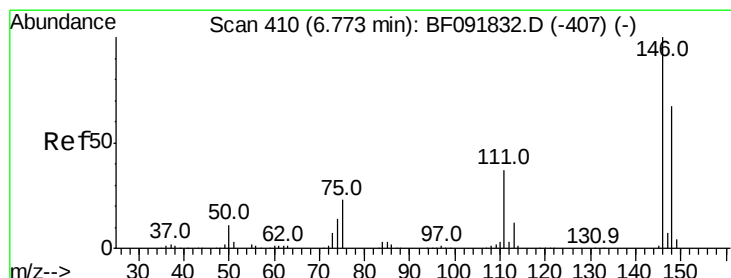
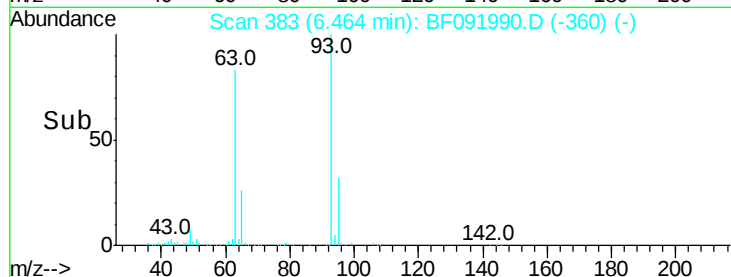
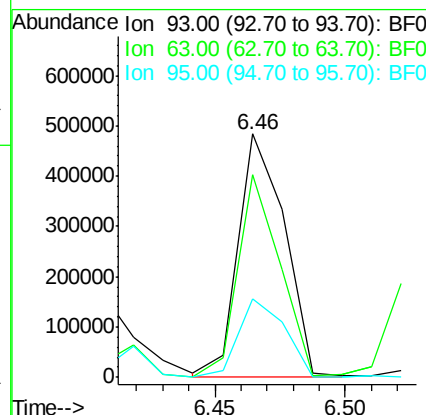
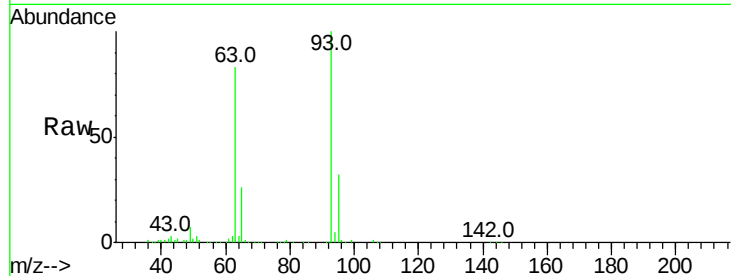




#11
bis(2-Chloroethyl)ether
Concen: 40.45 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.03 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

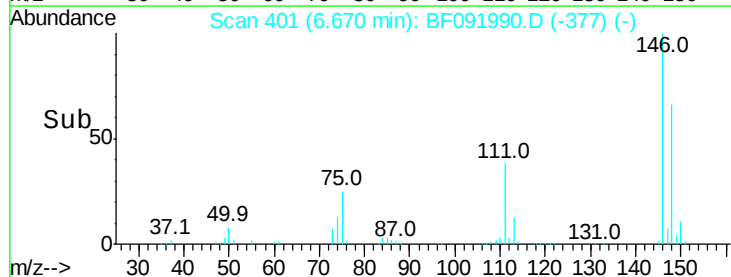
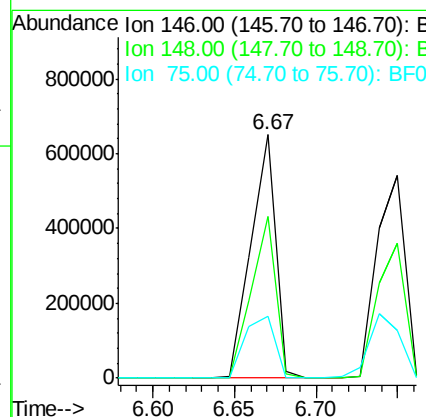
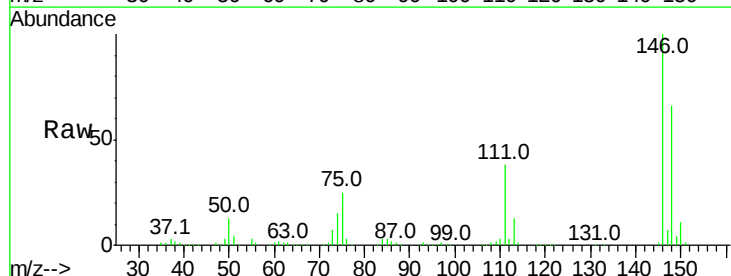
Instrument :
BNA_F
ClientSampleId :
PB95631BS

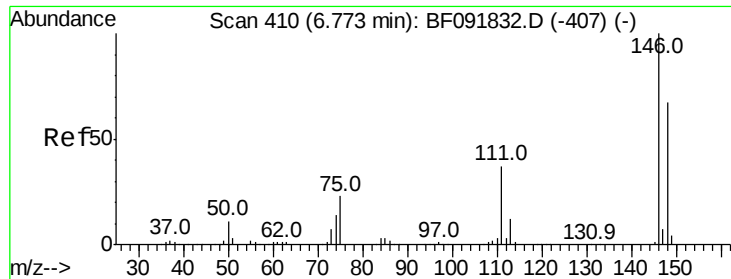
Tot Ion: 93 Resp: 597014
Ion Ratio Lower Upper
93 100
63 83.3 60.4 100.4
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.19 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.02 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Tgt Ion: 146 Resp: 683108
Ion Ratio Lower Upper
146 100
148 66.2 53.4 80.0
75 25.4 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 39.88 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.02 min

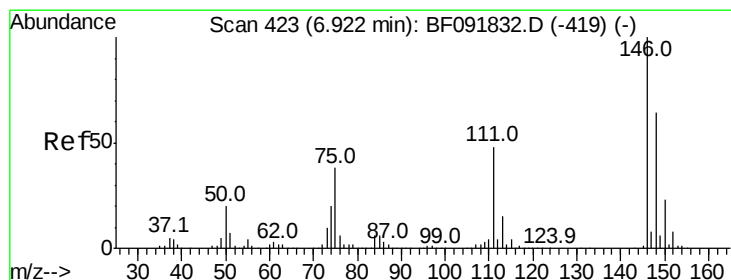
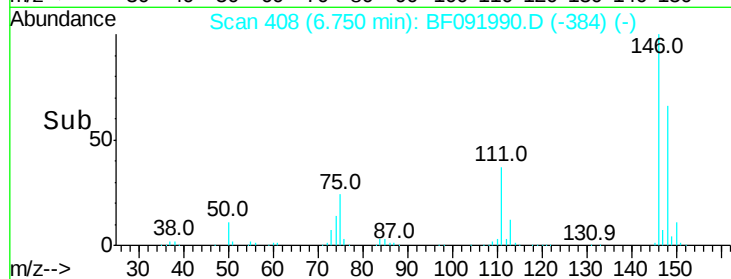
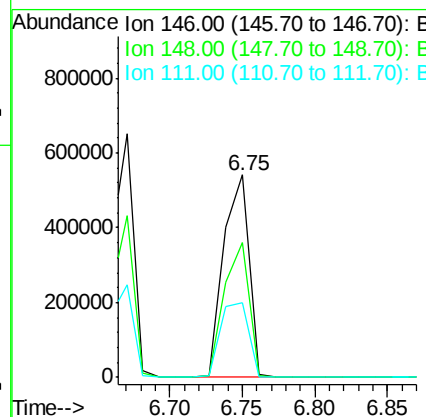
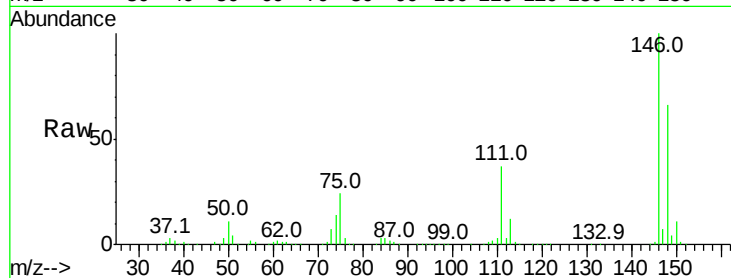
Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :
BNA_F
ClientSampleId :
PB95631BS

Tot Ion:146 Resp: 657172

Ion	Ratio	Lower	Upper
146	100		
148	66.4	50.6	76.0
111	37.0	36.2	54.4



#14

1,2-Dichlorobenzene

Concen: 41.62 ng

RT: 6.90 min Scan# 421

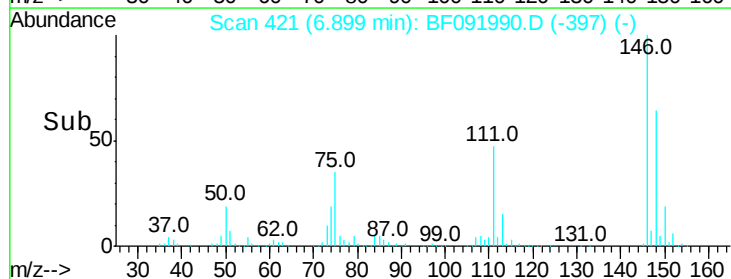
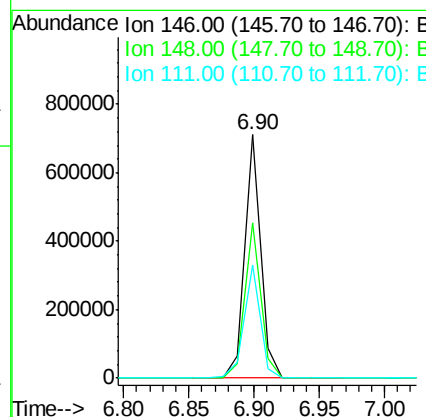
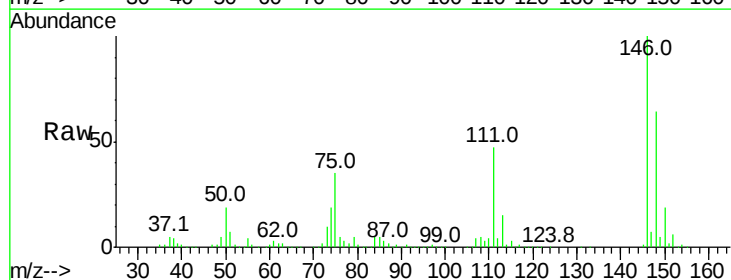
Delta R.T. -0.02 min

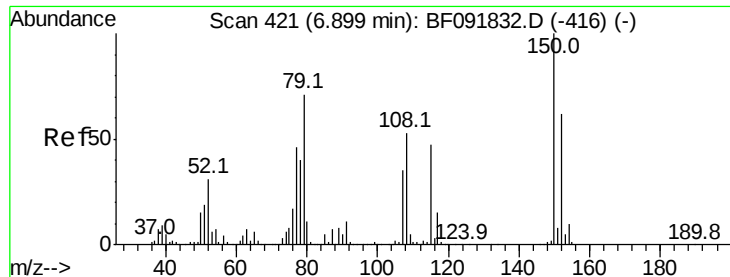
Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Tgt Ion:146 Resp: 595173

Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	46.6	36.2	54.2





#15

Benzyl Alcohol

Concen: 15.77 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleID :

PB95631BS

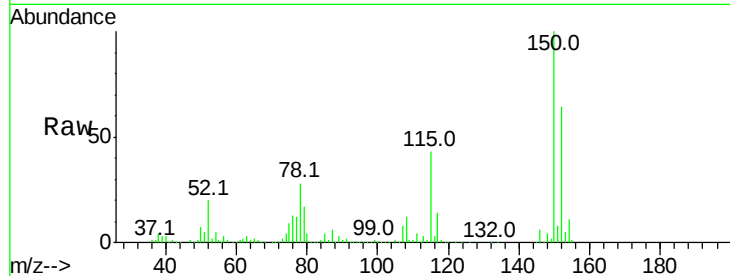
Tot Ion: 79 Resp: 199433

Ion Ratio Lower Upper

79 100

108 71.3 61.4 92.0

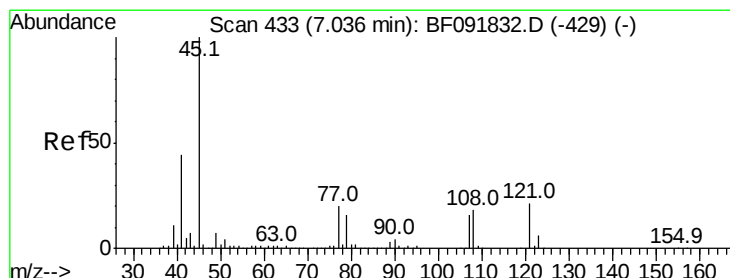
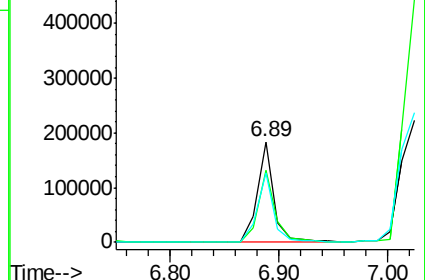
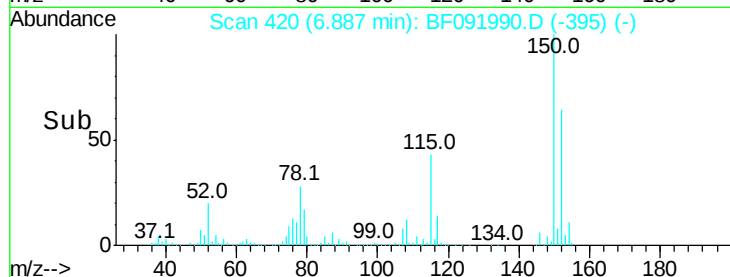
77 69.2 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.65 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

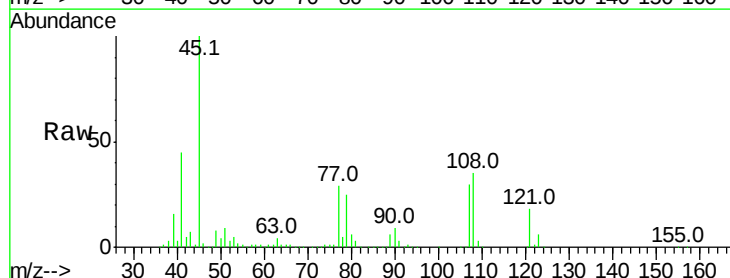
Tgt Ion: 45 Resp: 805565

Ion Ratio Lower Upper

45 100

77 28.8 0.0 34.6

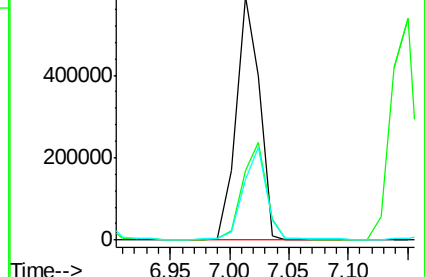
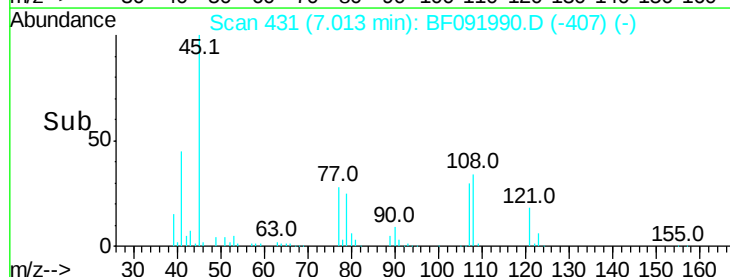
79 24.9 0.0 31.2

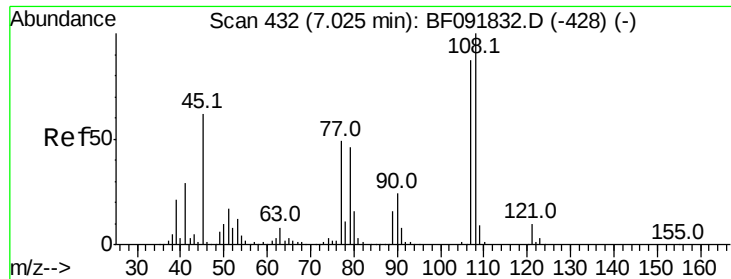


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

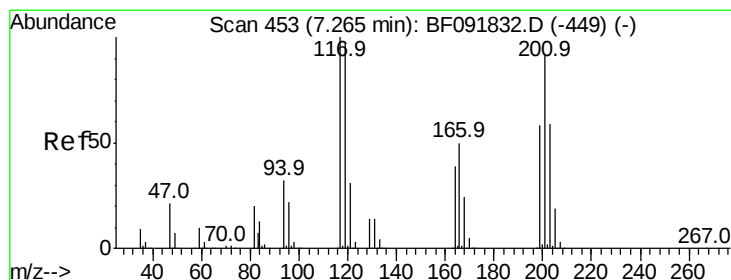
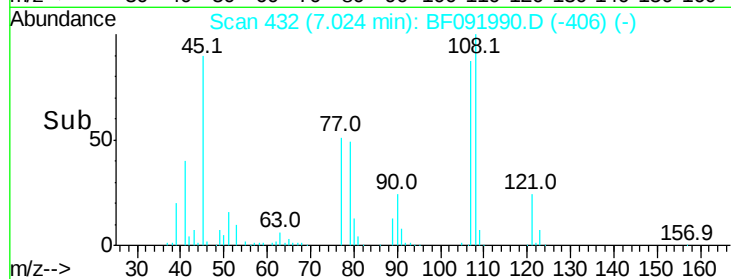
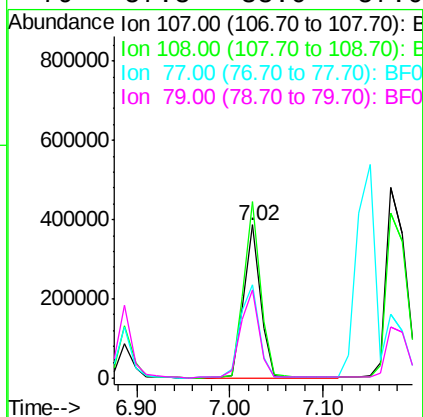
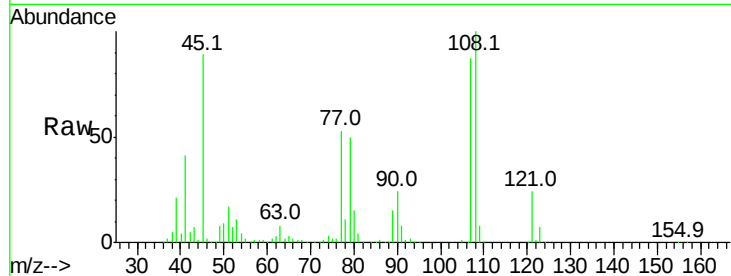




#17
2-Methylphenol
Concen: 39.88 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

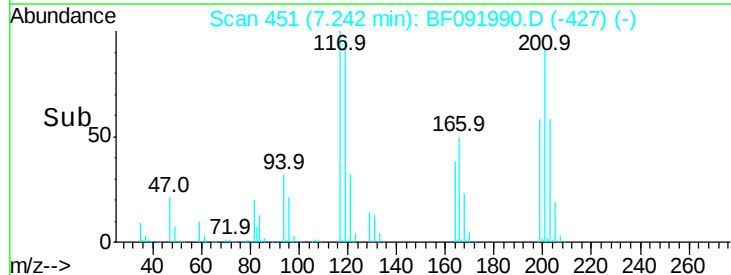
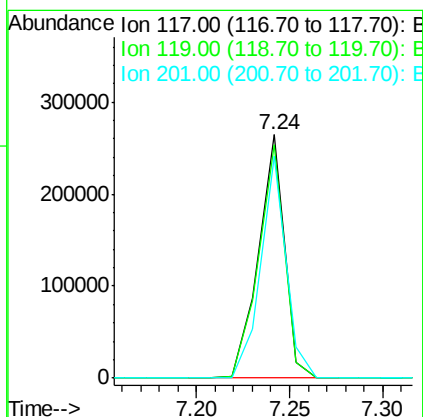
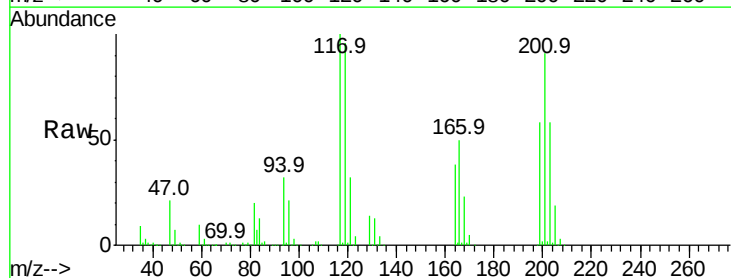
Instrument :
BNA_F
ClientSampleId :
PB95631BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.2	93.0	139.6
77	61.4	39.8	59.8#
79	57.8	38.0	57.0#



#18
Hexachloroethane
Concen: 41.61 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.1	117.1
201	91.4	78.6	117.8





#19

n-Nitroso-di-n-propylamine

Concen: 47.95 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.02 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

Tot Ion: 70 Resp: 519256

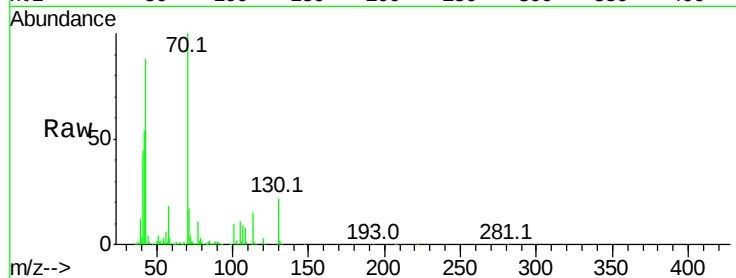
Ion Ratio Lower Upper

70 100

42 53.8 49.4 74.0

101 9.7 7.4 11.2

130 21.6 14.2 21.4#

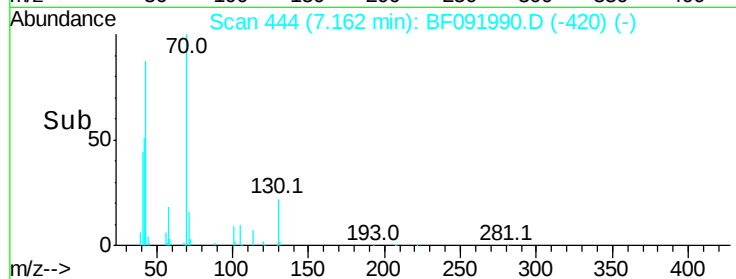
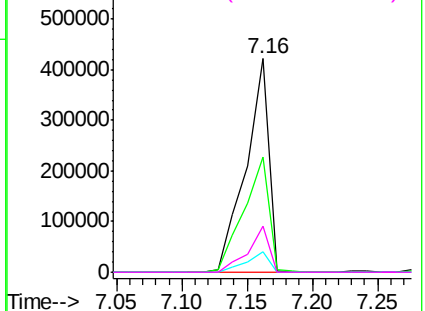


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 48.19 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Tgt Ion: 107 Resp: 701028

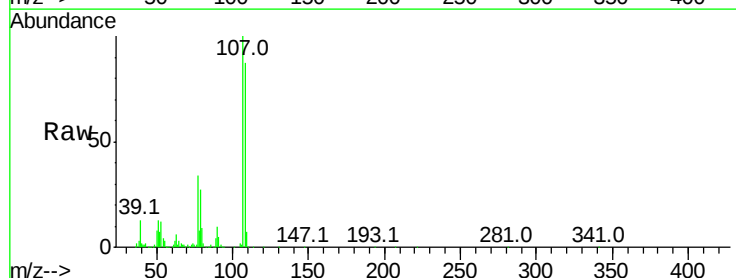
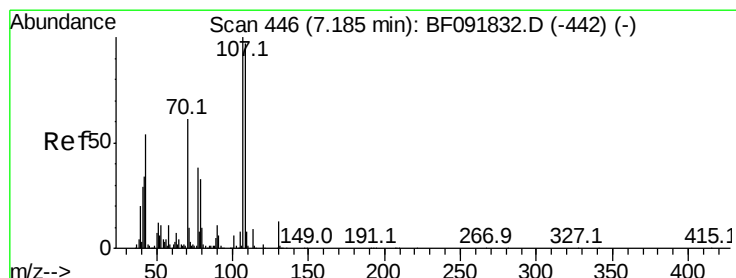
Ion Ratio Lower Upper

107 100

108 86.5 73.0 113.0

77 33.7 71.3 111.3#

79 26.5 11.1 51.1

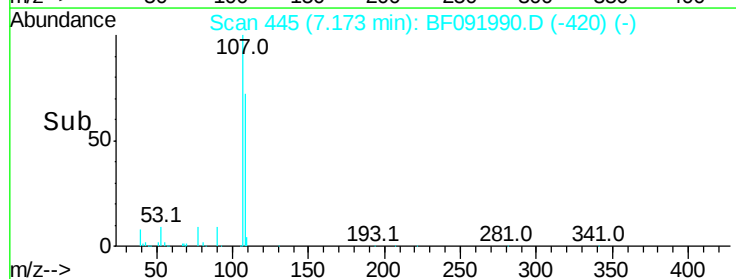
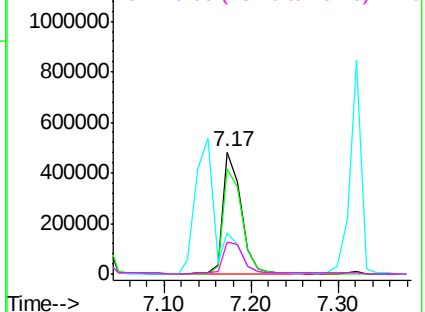


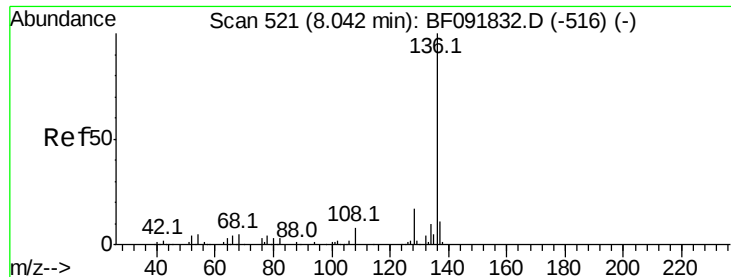
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

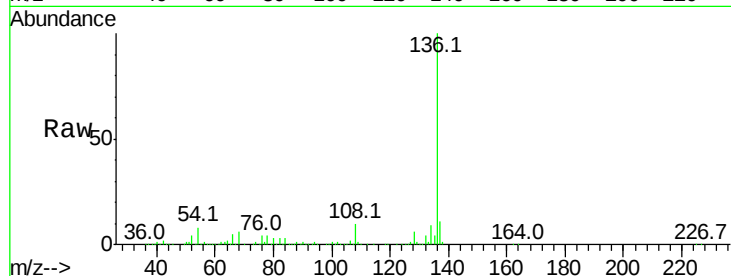




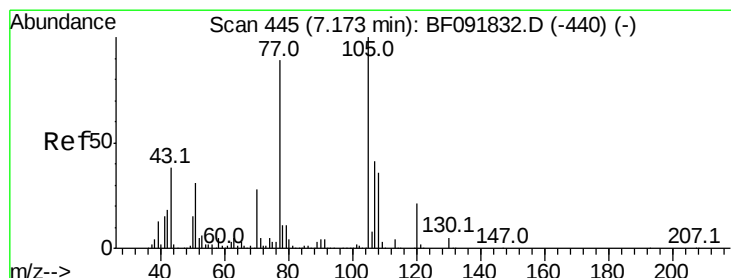
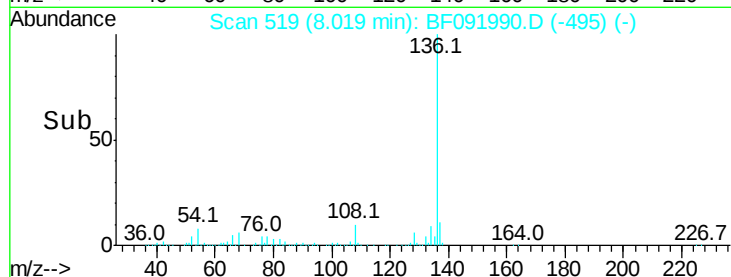
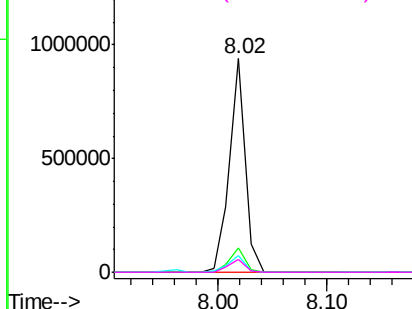
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Instrument :
BNA_F
ClientSampleId :
PB95631BS

Tot Ion:	136	Resp:	940695
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	7.7	4.5	6.7#
68	6.0	3.6	5.4#

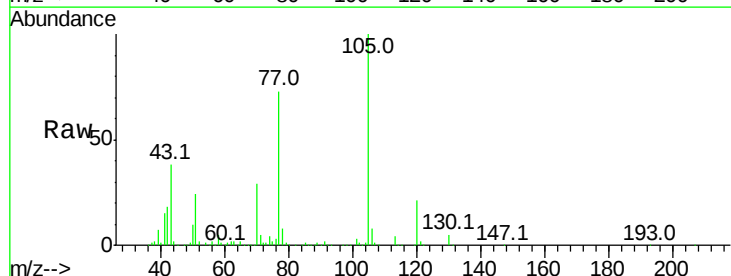


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

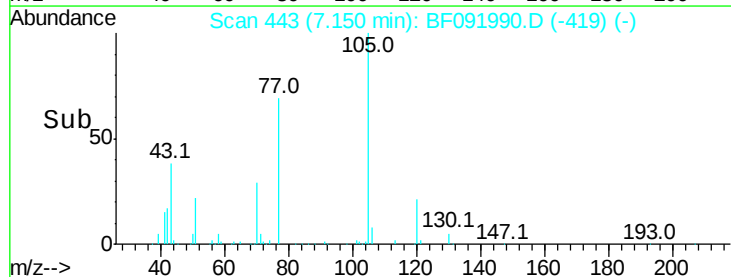
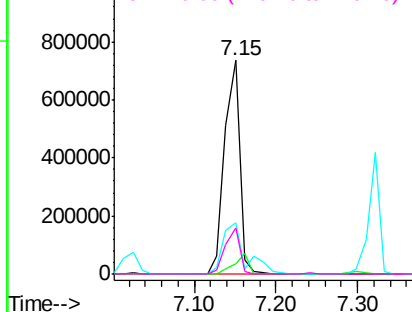


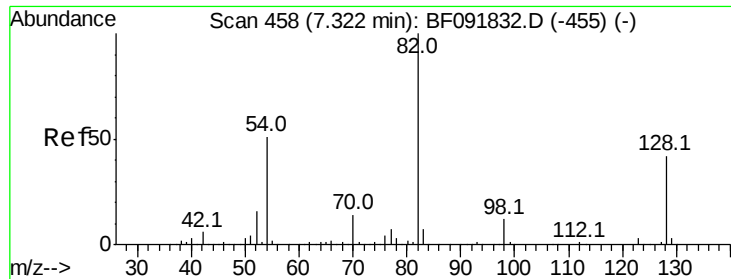
#22
Acetophenone
Concen: 40.63 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Tgt Ion:	105	Resp:	942808
Ion	Ratio	Lower	Upper
105	100		
71	4.9	3.2	4.8#
51	23.8	26.2	39.4#
120	21.5	16.6	24.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E



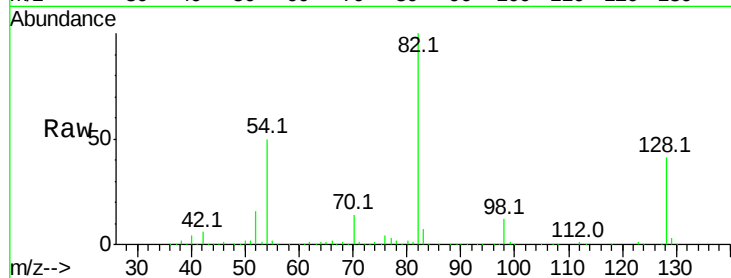


#23
 Nitrobenzene-d5
 Concen: 79.37 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

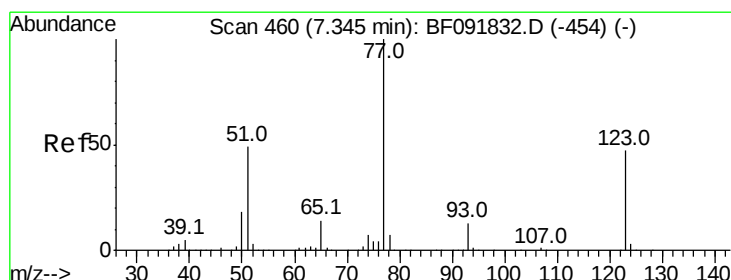
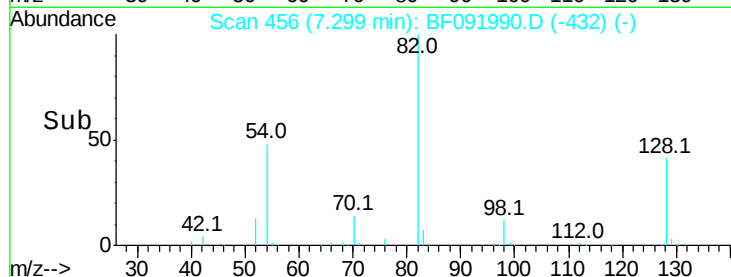
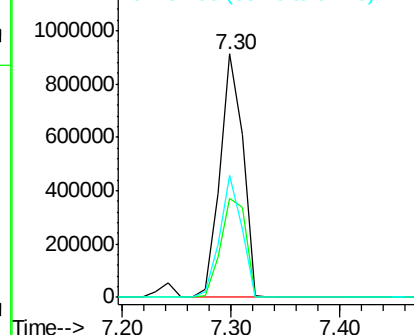
Instrument :
 BNA_F
 ClientSampleId :
 PB95631BS

Tot Ion: 82 Resp: 1342733

Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.6	52.0
54	49.9	39.5	59.3



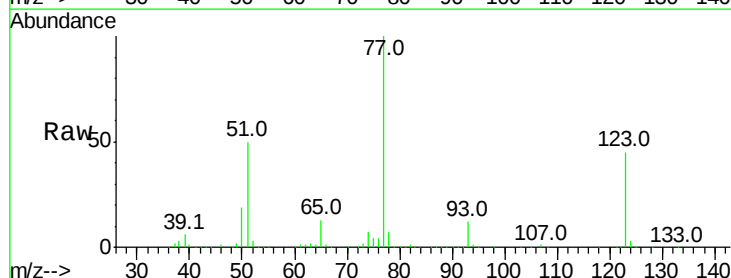
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



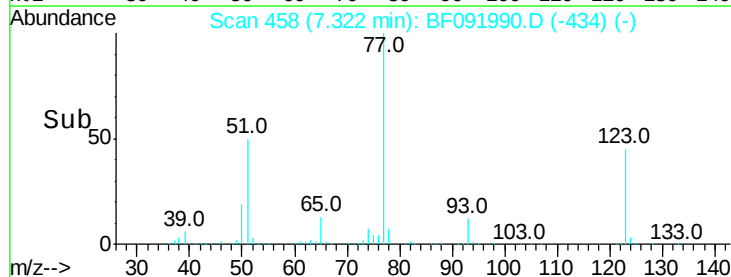
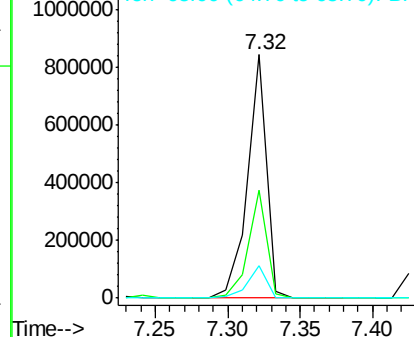
#24
 Nitrobenzene
 Concen: 42.18 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

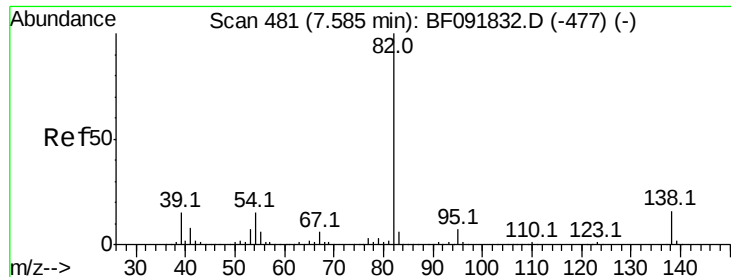
Tgt Ion: 77 Resp: 760080

Ion	Ratio	Lower	Upper
77	100		
123	44.5	33.0	49.4
65	13.3	11.2	16.8



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





#25

Isophorone

Concen: 39.43 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

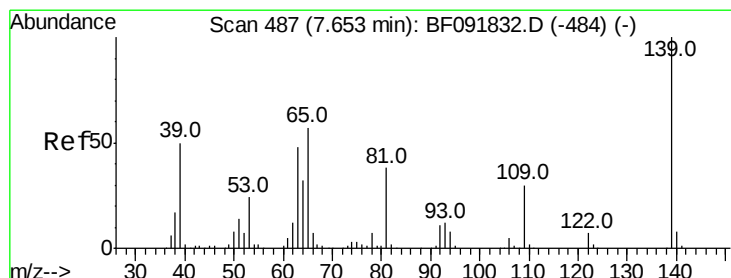
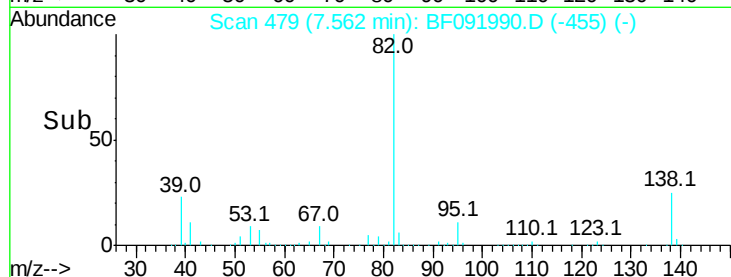
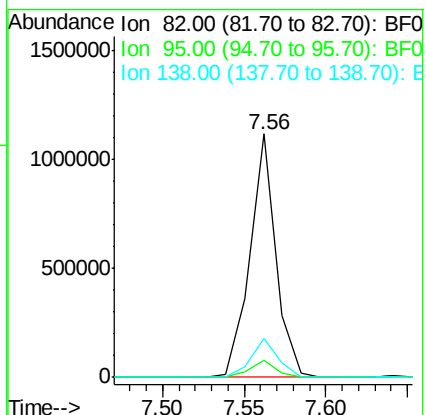
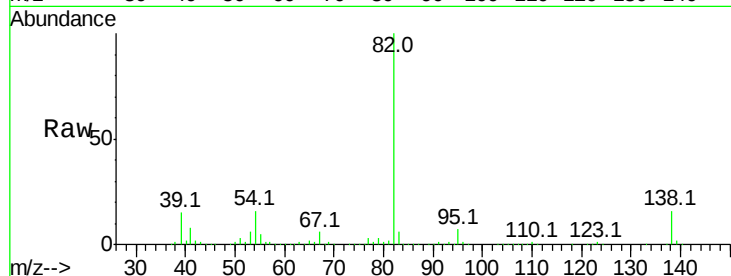
Tot Ion: 82 Resp: 1230658

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 16.0 14.6 22.0



#26

2-Nitrophenol

Concen: 39.88 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

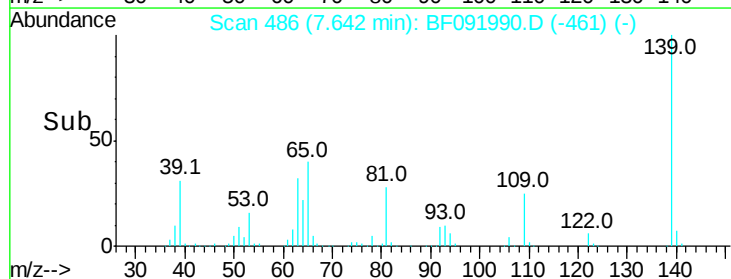
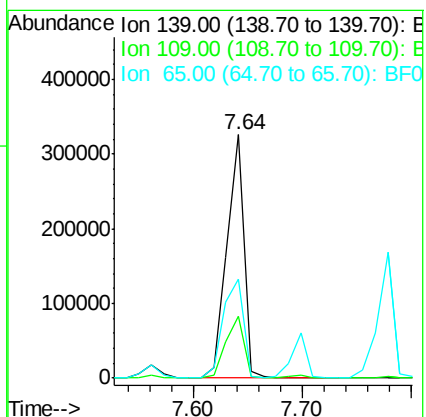
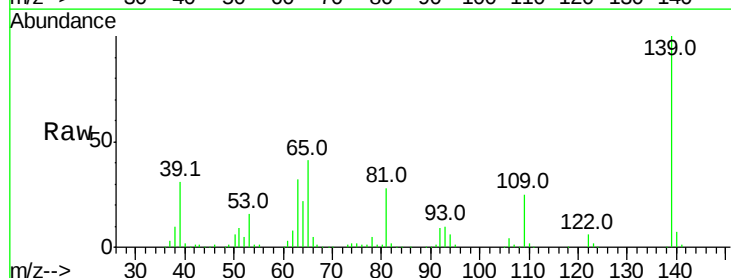
Tgt Ion: 139 Resp: 354334

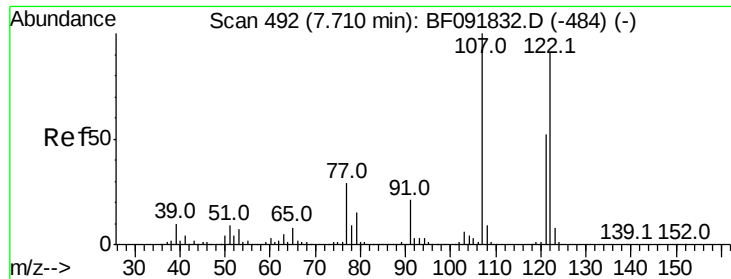
Ion Ratio Lower Upper

139 100

109 25.4 23.3 34.9

65 40.5 42.7 64.1#

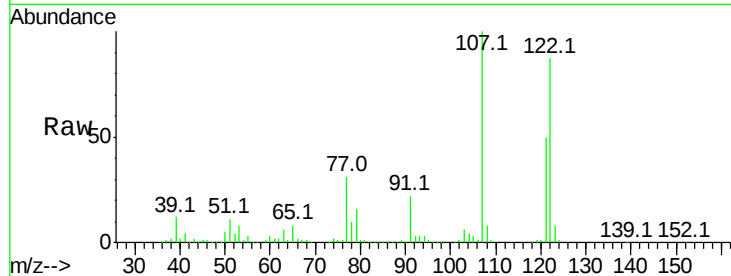




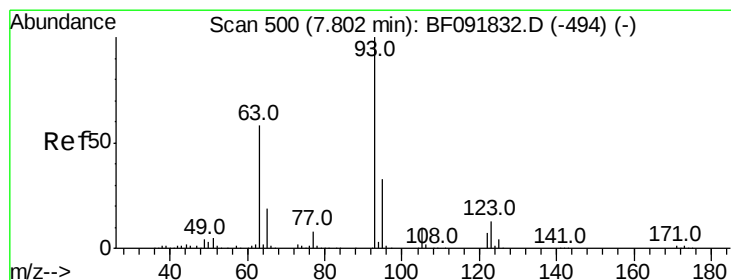
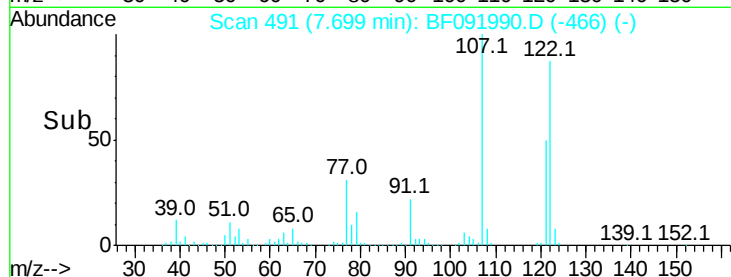
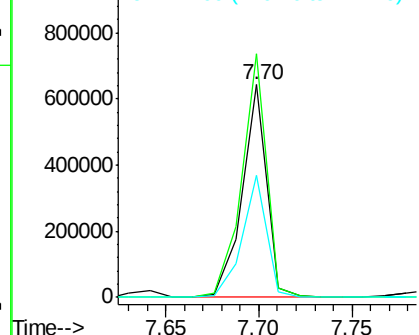
#27
 2,4-Dimethylphenol
 Concen: 40.17 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

Instrument :
 BNA_F
 ClientSampleId :
 PB95631BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.7	94.1	141.1
121	57.4	46.0	69.0

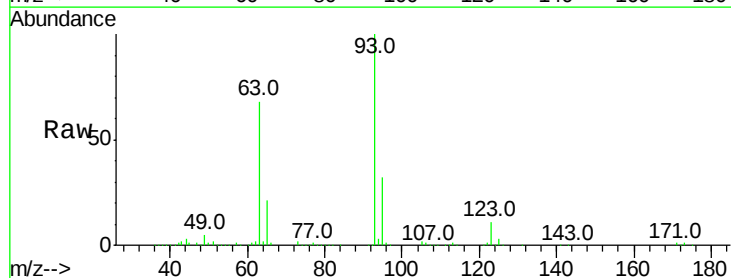


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

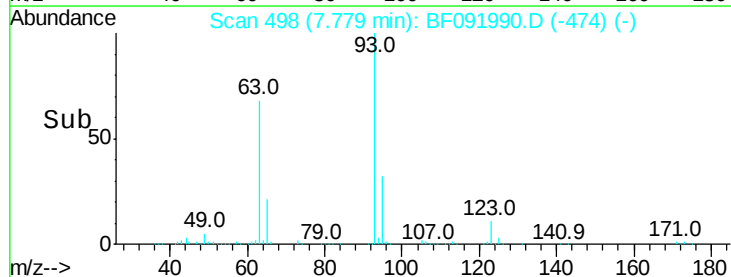
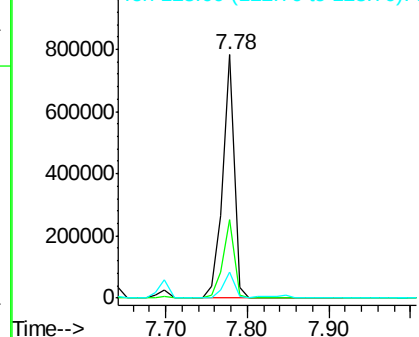


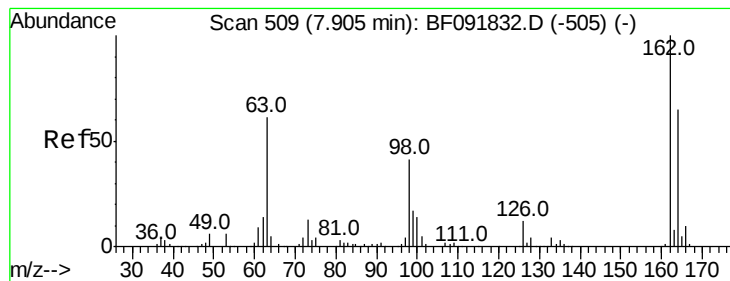
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.79 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.5	39.7
123	10.6	8.6	13.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.10 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

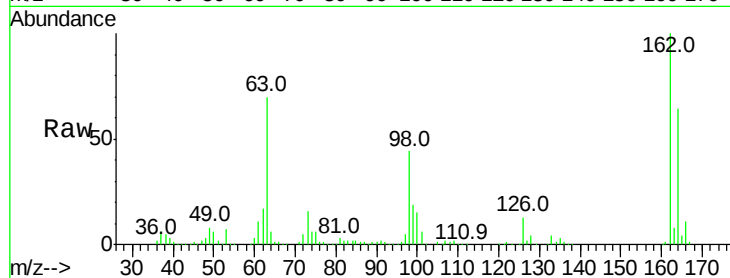
Tot Ion:162 Resp: 512879

Ion Ratio Lower Upper

162 100

164 63.9 46.8 86.8

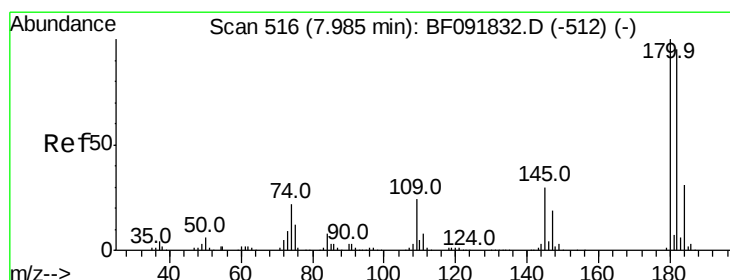
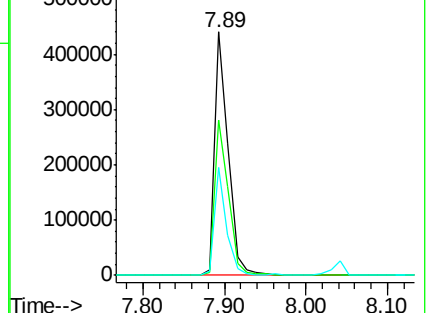
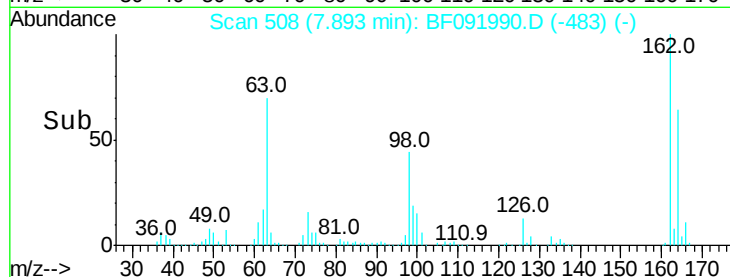
98 44.5 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.81 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.02 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

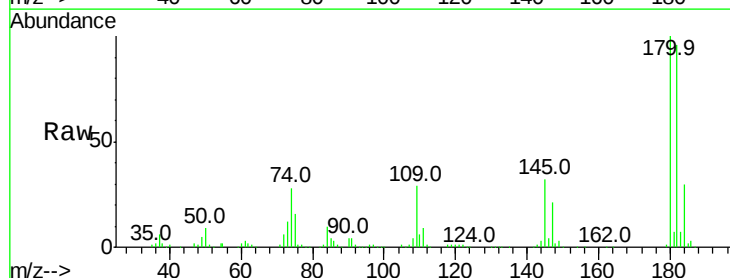
Tgt Ion:180 Resp: 530682

Ion Ratio Lower Upper

180 100

182 96.0 78.2 117.4

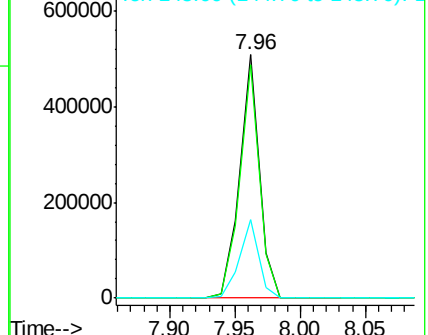
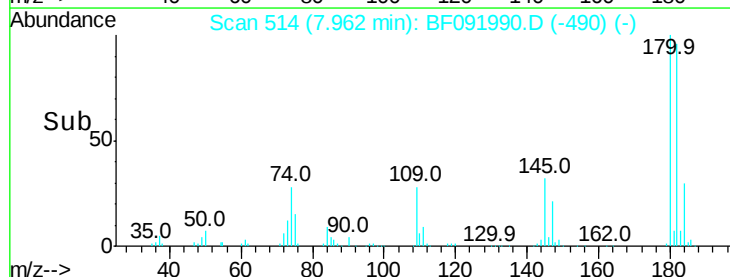
145 32.4 21.6 32.4

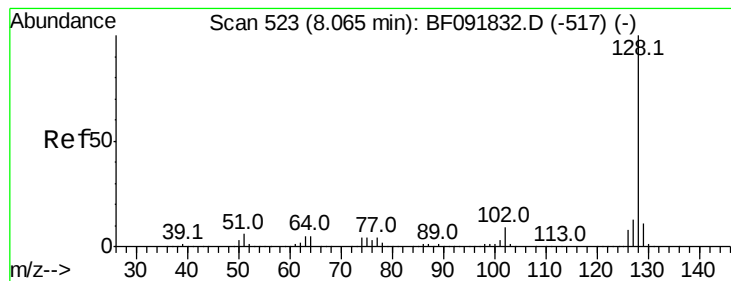


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.26 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

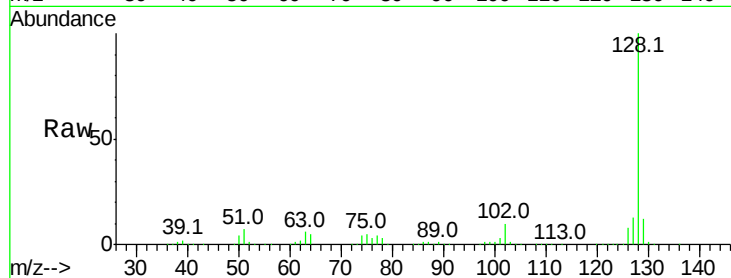
Tot Ion:128 Resp: 1819273

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

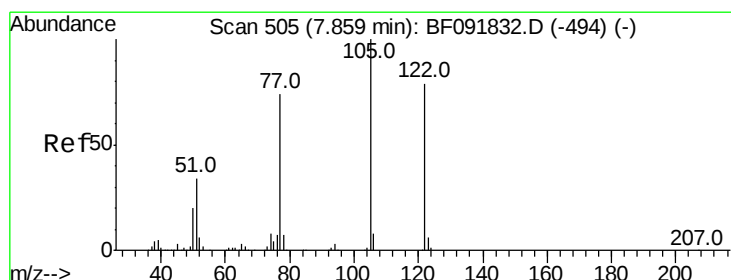
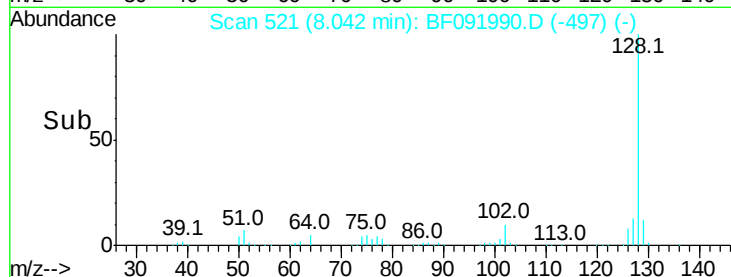
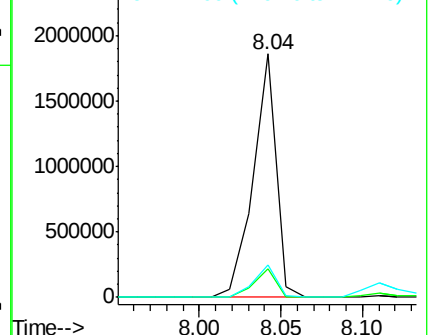
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.79 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

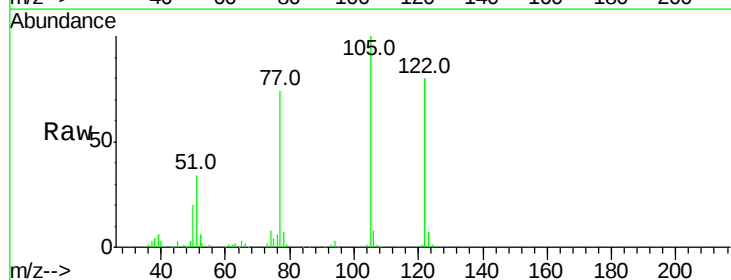
Tgt Ion:122 Resp: 260017

Ion Ratio Lower Upper

122 100

105 124.8 107.2 147.2

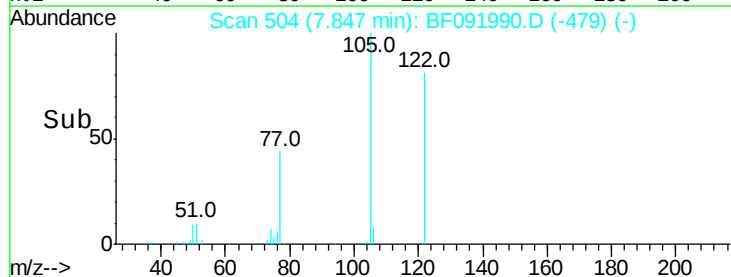
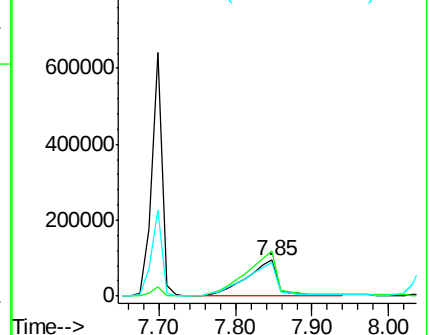
77 92.1 74.5 114.5

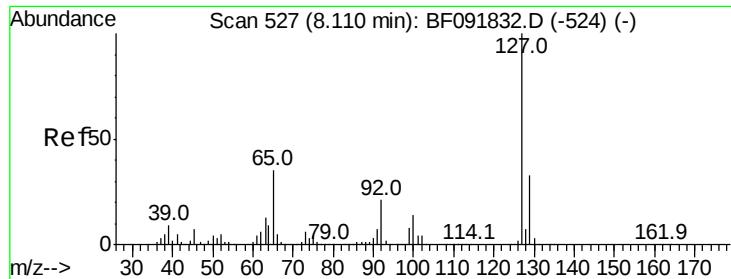


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

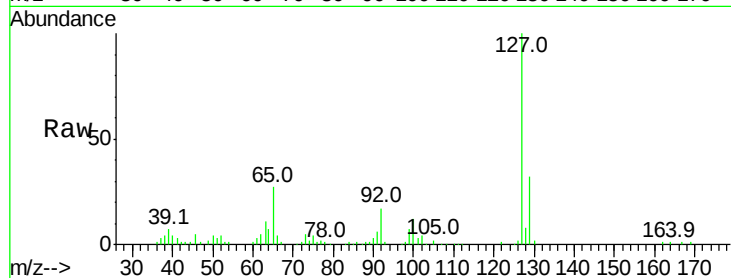




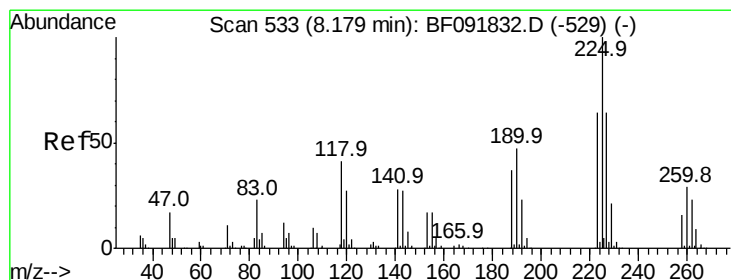
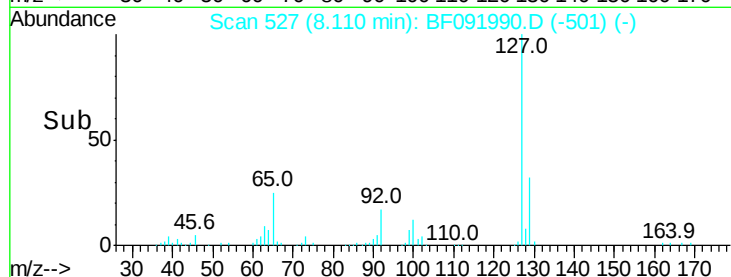
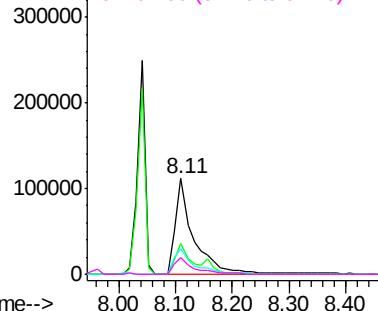
#33
4-Chloroaniline
Concen: 12.75 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Instrument :
BNA_F
ClientSampleId :
PB95631BS

Tot Ion:	127	Resp:	247536
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	27.2	25.8	38.8
92	17.3	16.1	24.1

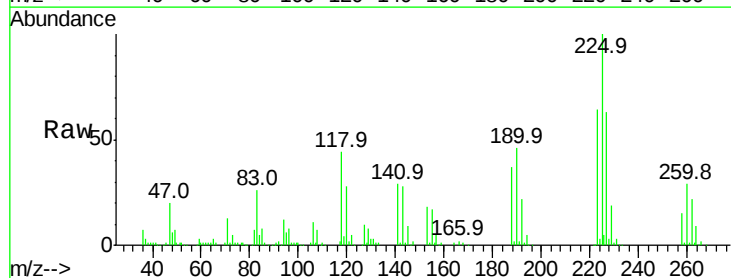


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

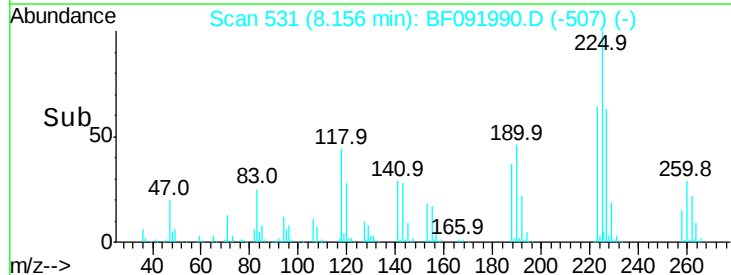
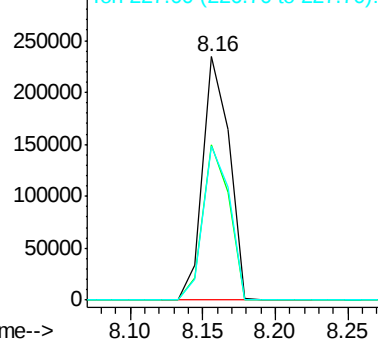


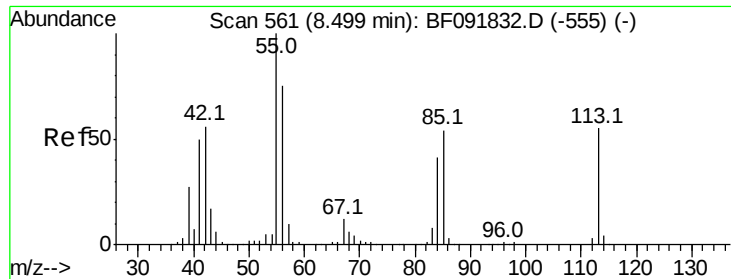
#34
Hexachlorobutadiene
Concen: 41.29 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Tgt Ion:	225	Resp:	298053
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.0	76.6
227	63.5	50.6	76.0



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





#35

Caprolactam

Concen: 38.15 ng/ml

RT: 8.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleID :

PB95631BS

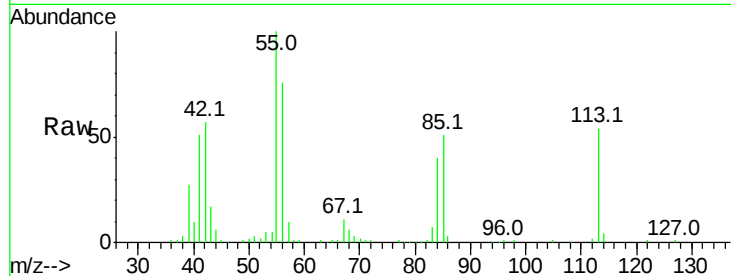
Tot Ion:113 Resp: 156446

Ion Ratio Lower Upper

113 100

55 186.9 119.2 159.2#

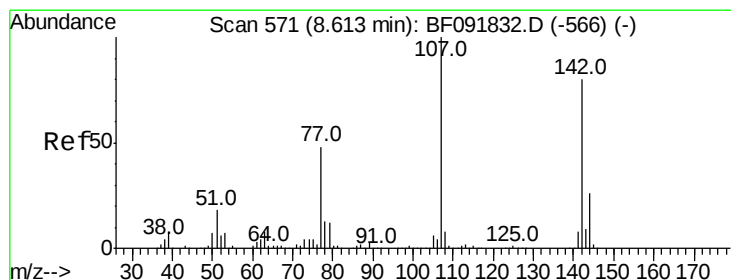
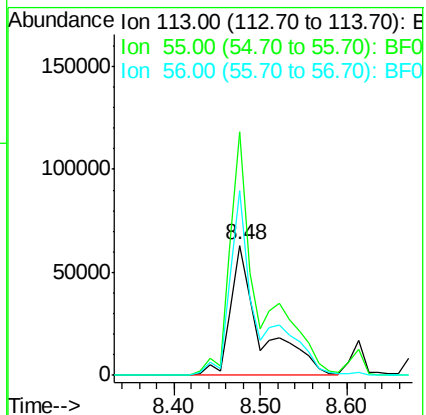
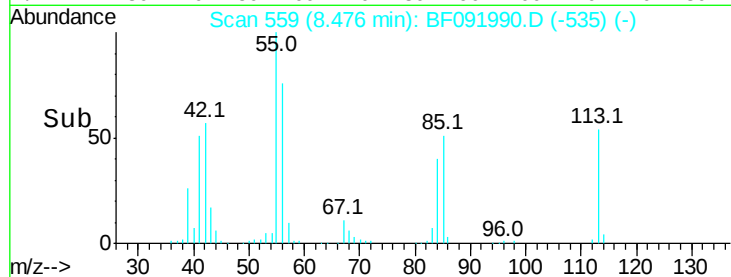
56 142.3 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.57 ng/ml

RT: 8.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

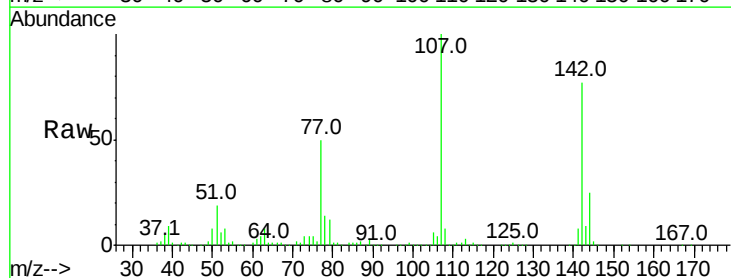
Tgt Ion:107 Resp: 582537

Ion Ratio Lower Upper

107 100

144 25.2 19.3 28.9

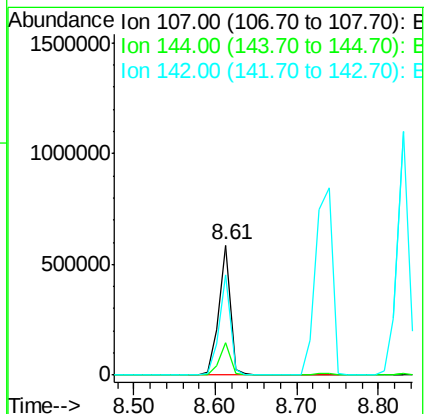
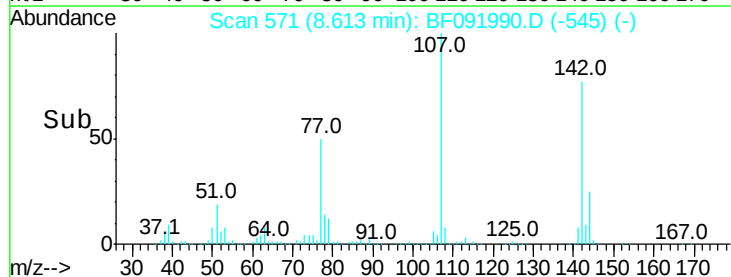
142 77.3 59.0 88.6

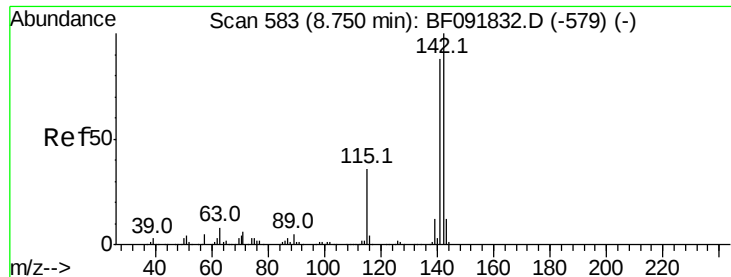


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

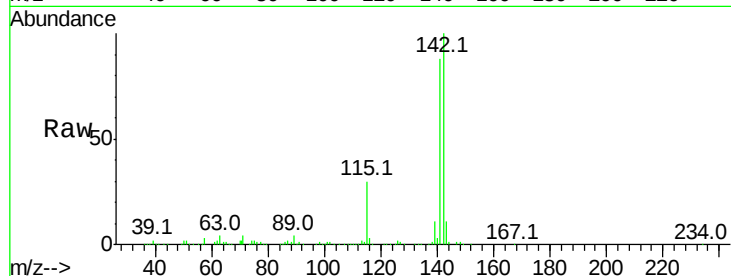




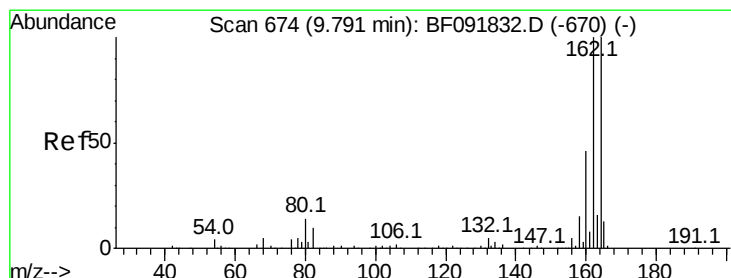
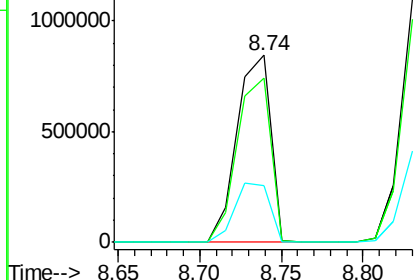
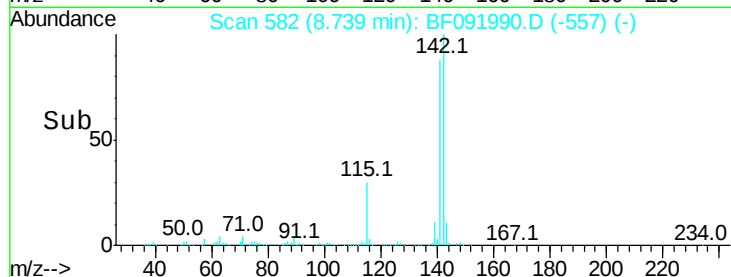
#37
2-Methylnaphthalene
Concen: 46.80 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Instrument :
BNA_F
ClientSampled :
PB95631BS

Tot Ion:142 Resp: 1203487
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.6
115 30.1 28.3 42.5

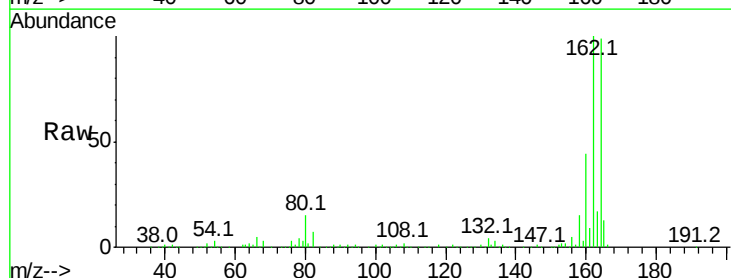


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

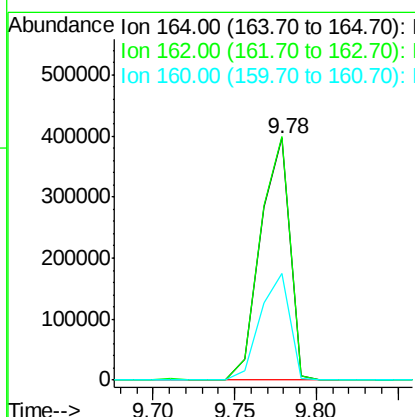
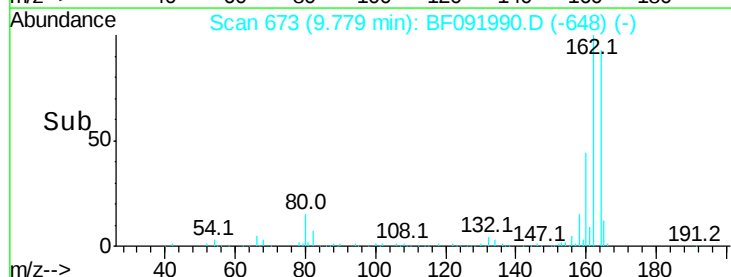


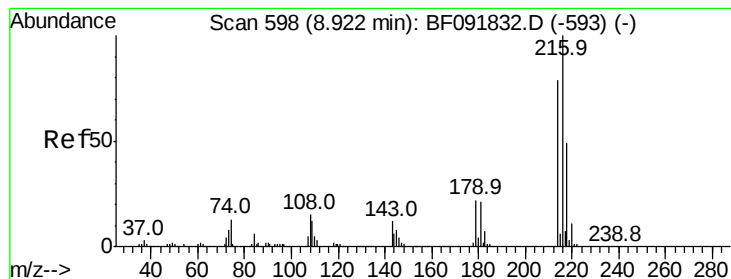
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Tgt Ion:164 Resp: 495181
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 44.2 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.94 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

Tot Ion:216 Resp: 462142

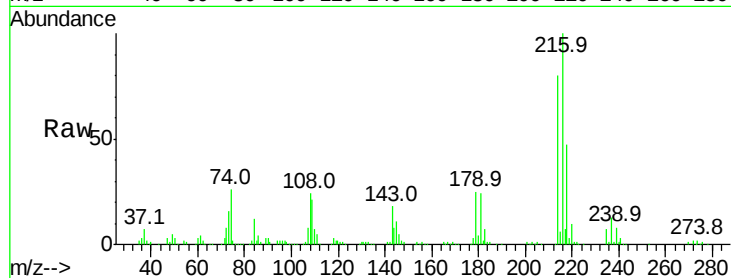
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 22.6 17.4 26.2

108 24.7 15.6 23.4#

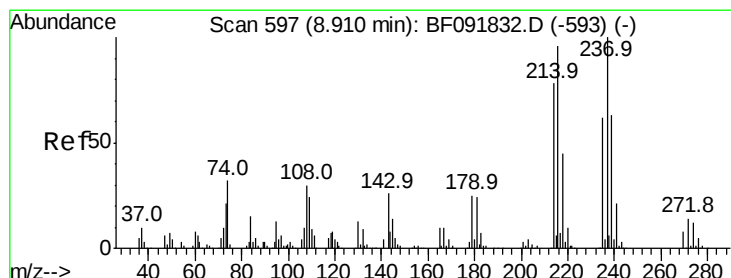
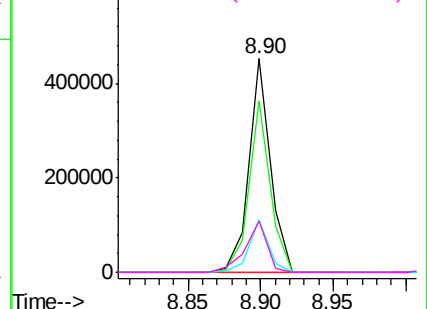
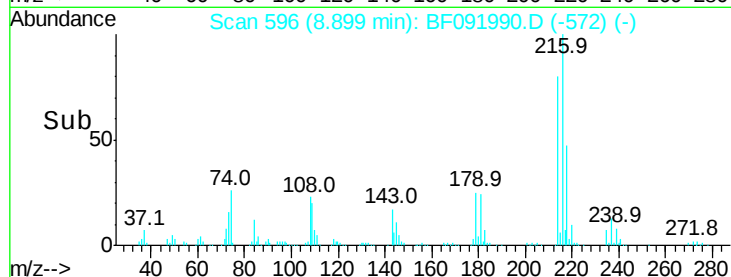


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.56 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

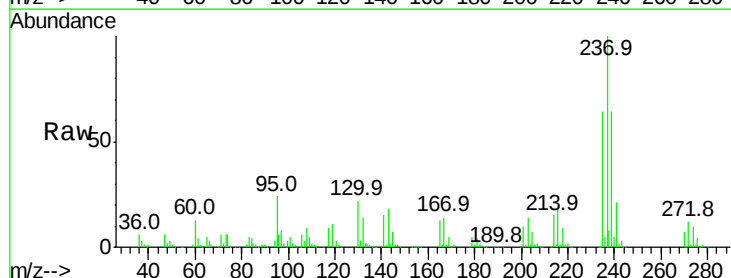
Tgt Ion:237 Resp: 425544

Ion Ratio Lower Upper

237 100

235 63.8 41.2 81.2

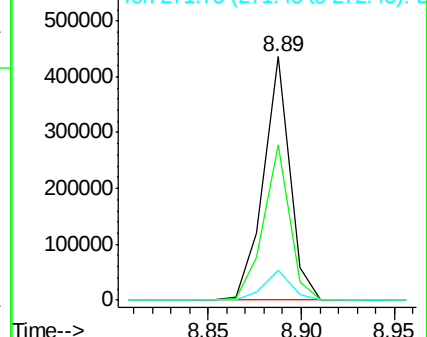
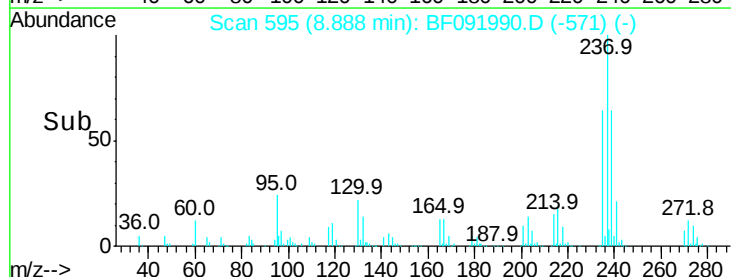
272 12.5 0.0 35.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

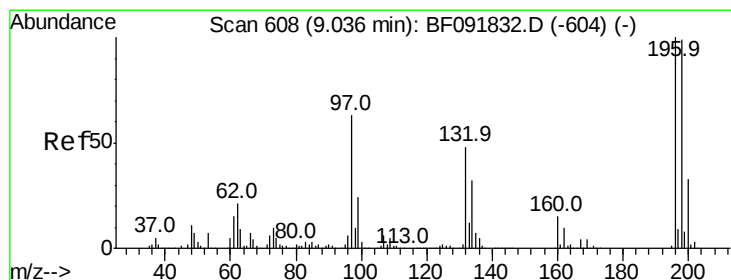
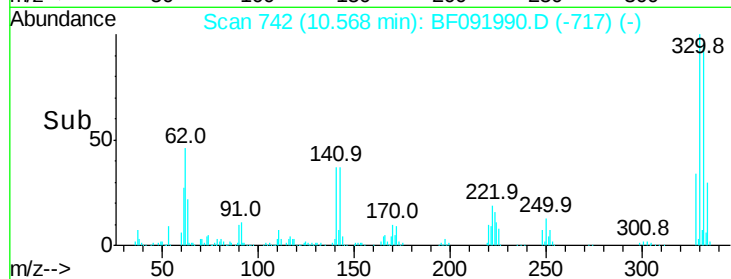
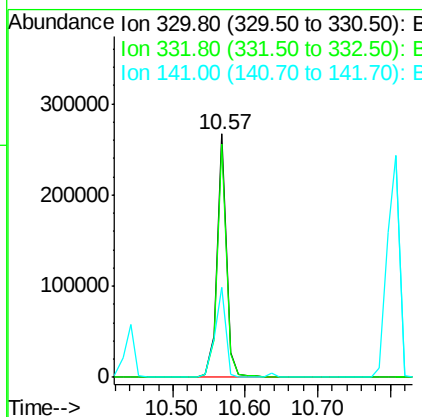
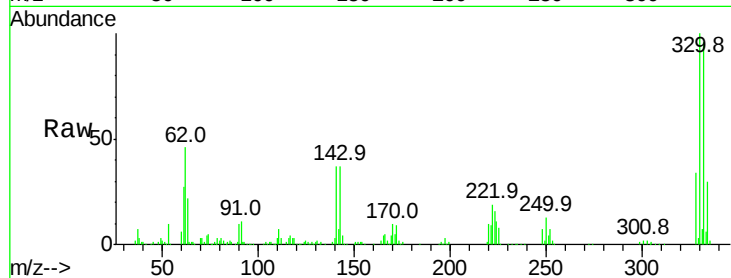




#41
 2,4,6-Tribromophenol
 Concen: 59.39 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

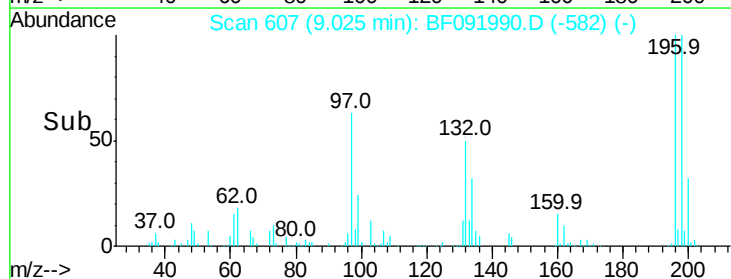
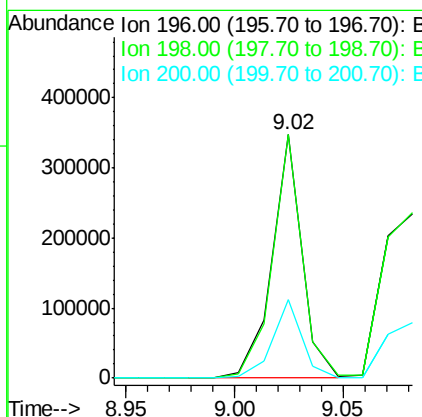
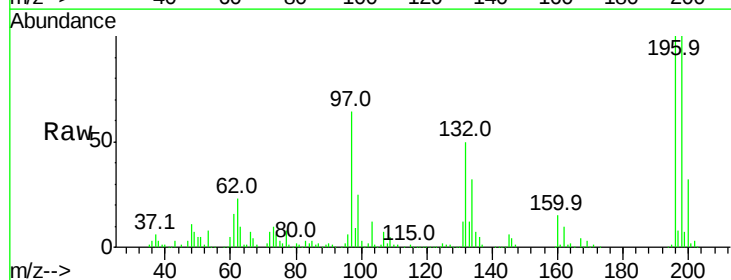
Instrument :
 BNA_F
 ClientSampleId :
 PB95631BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	42.5	34.1	51.1



#42
 2,4,6-Trichlorophenol
 Concen: 38.70 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	82.1	123.1
200	32.4	27.0	40.4

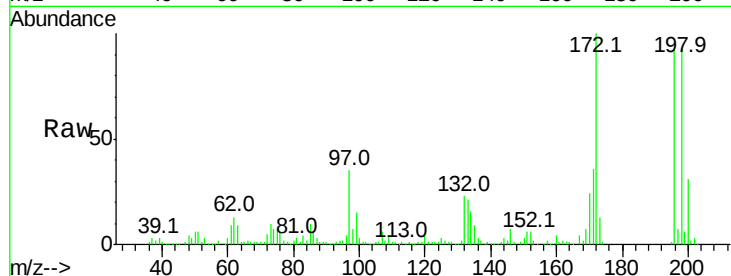




#43
 2,4,5-Trichlorophenol
 Concen: 35.90 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

Instrument :
 BNA_F
 ClientSampleId :
 PB95631BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.6	79.4	119.2
97	37.7	51.5	77.3#
132	25.0	27.4	41.2#



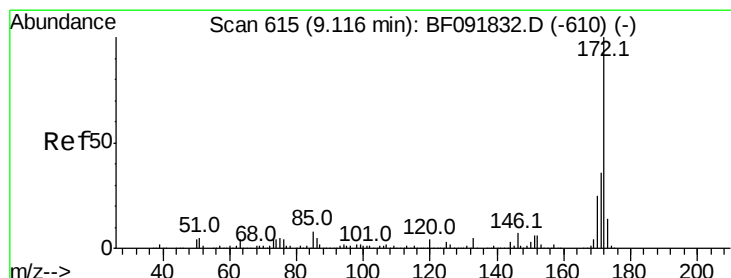
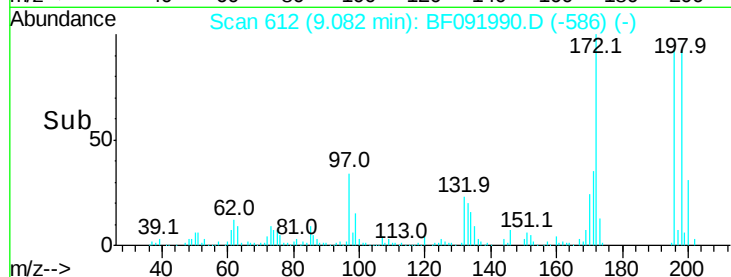
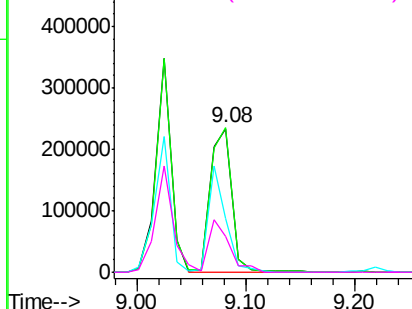
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

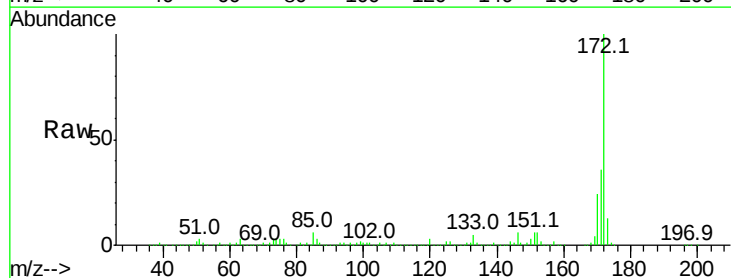
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.80 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.4	20.2	30.4

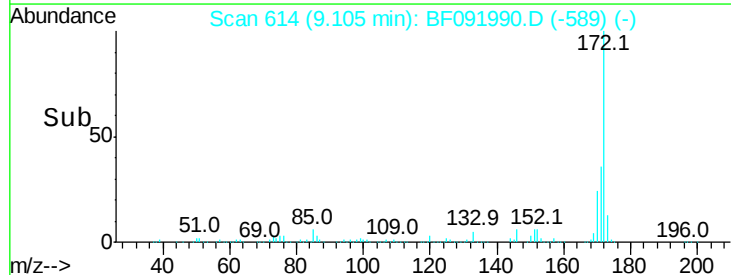
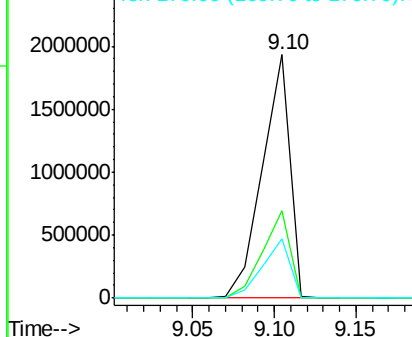


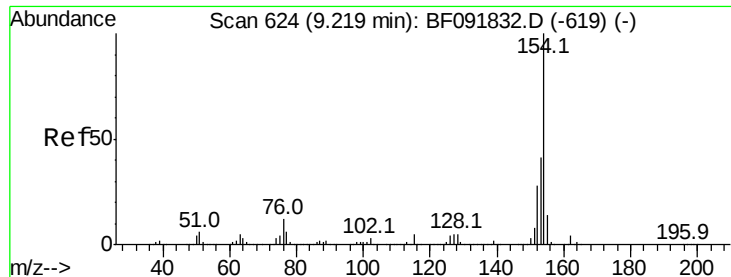
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

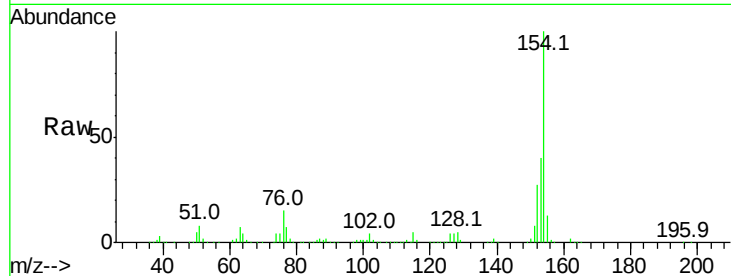




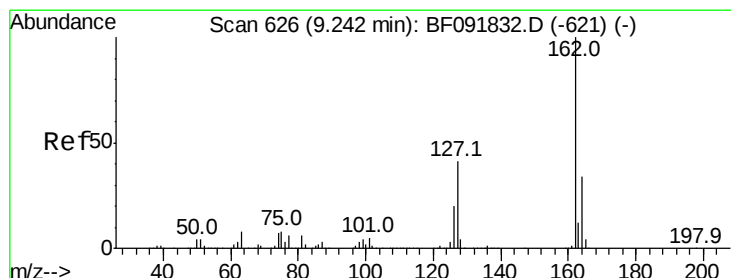
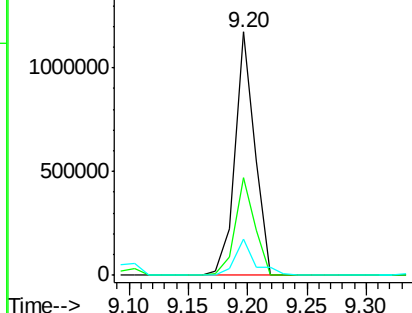
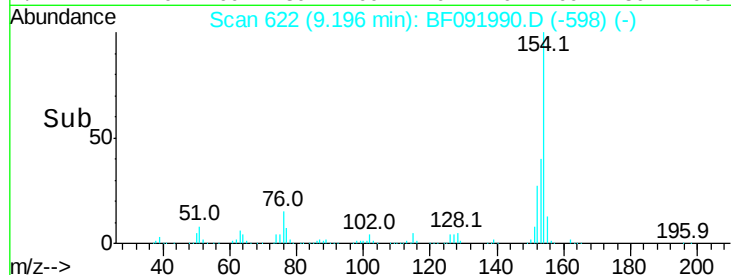
#45
 1,1'-Biphenyl
 Concen: 39.83 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

Instrument :
 BNA_F
 ClientSampleId :
 PB95631BS

Tot Ion:154 Resp: 1350540
 Ion Ratio Lower Upper
 154 100
 153 39.9 20.9 60.9
 76 15.1 0.0 30.5

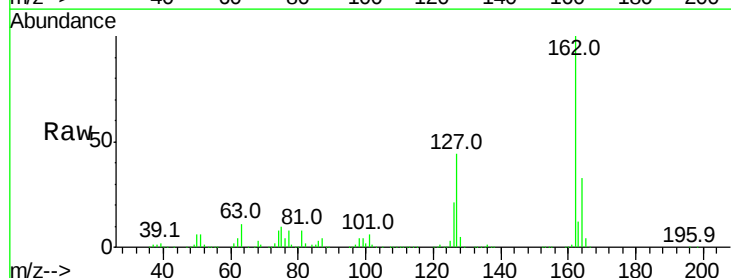


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

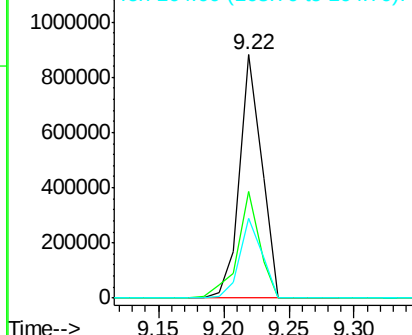
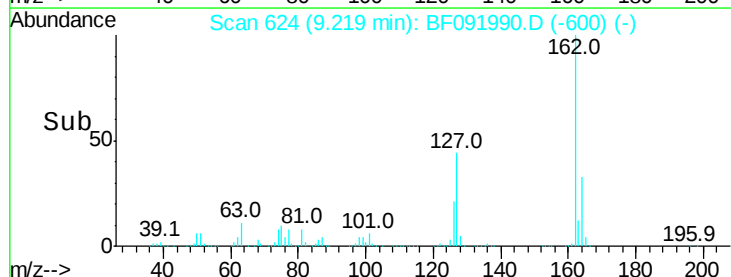


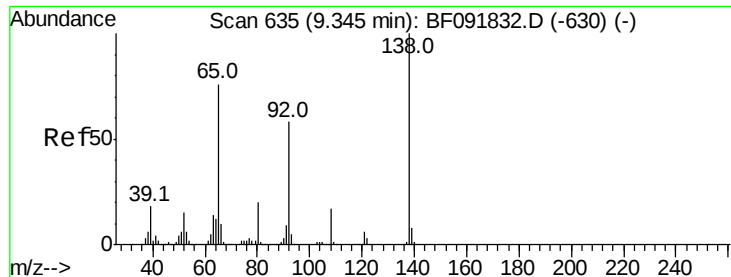
#46
 2-Chloronaphthalene
 Concen: 38.42 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

Tgt Ion:162 Resp: 1031530
 Ion Ratio Lower Upper
 162 100
 127 43.6 30.7 46.1
 164 32.6 27.6 41.4



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

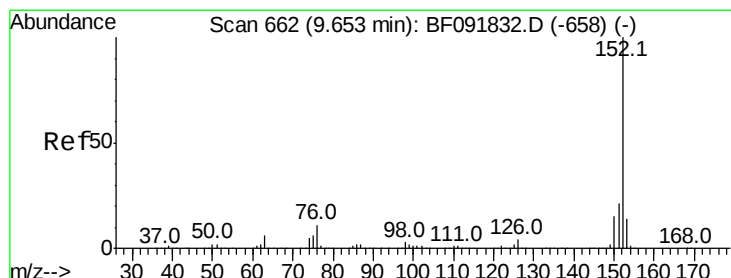
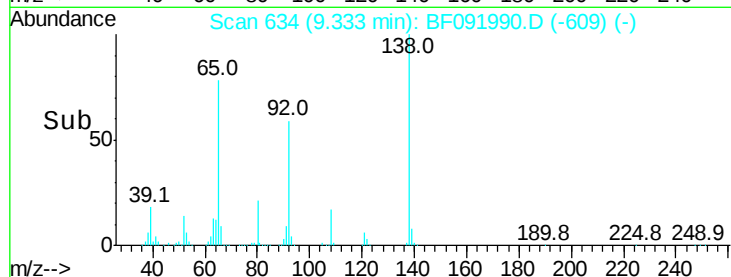
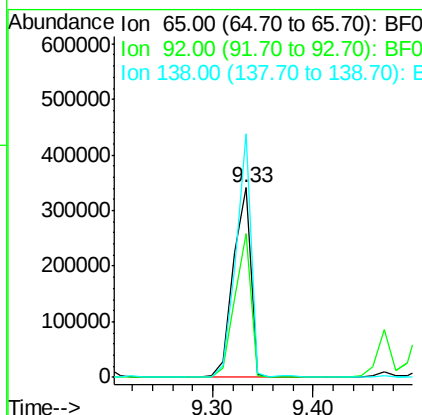
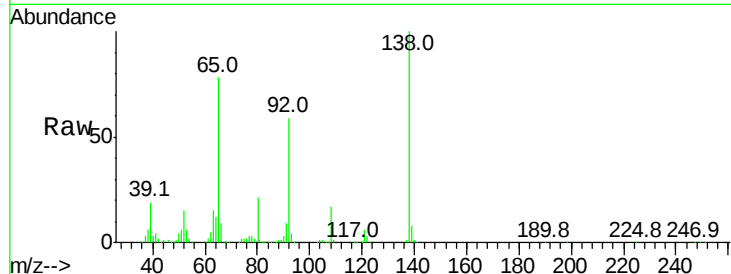




#47
2-Nitroaniline
Concen: 43.39 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

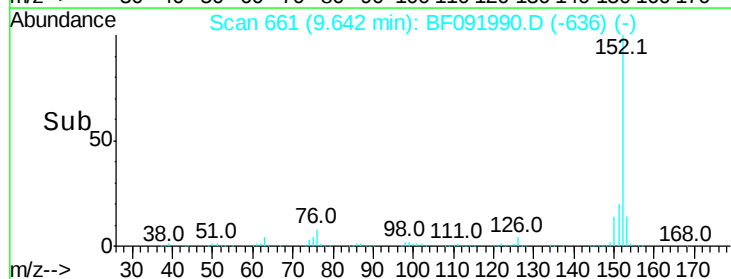
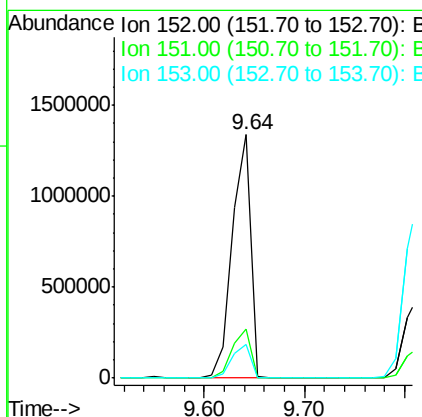
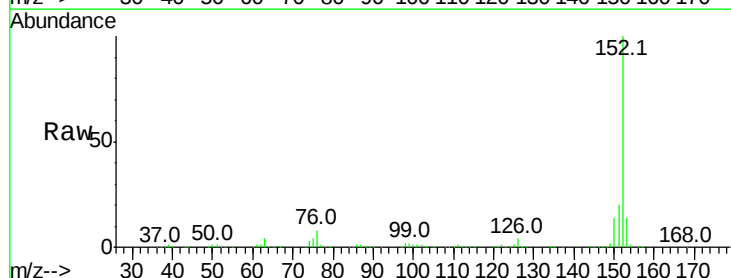
Instrument :
BNA_F
ClientSampleId :
PB95631BS

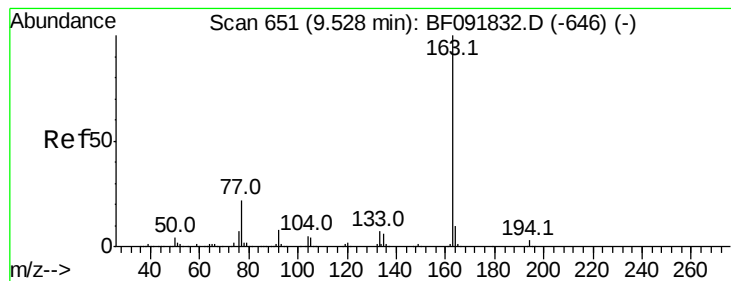
Tot Ion: 65 Resp: 414820
Ion Ratio Lower Upper
65 100
92 76.0 53.9 80.9
138 128.5 76.8 115.2#



#48
Acenaphthylene
Concen: 41.18 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Tgt Ion: 152 Resp: 1700527
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 43.71 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

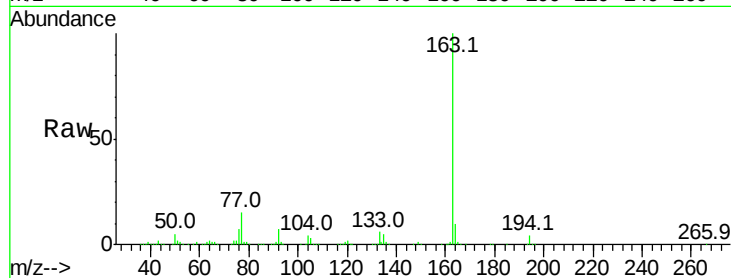
Tot Ion:163 Resp: 1384471

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

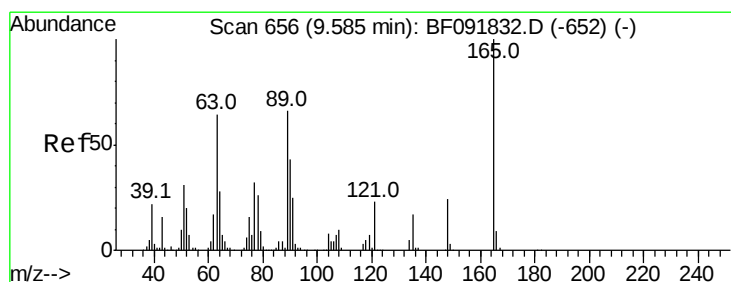
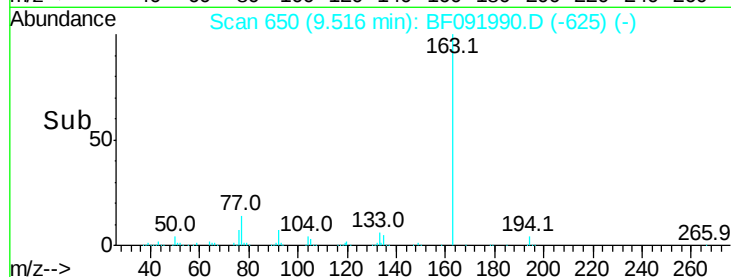
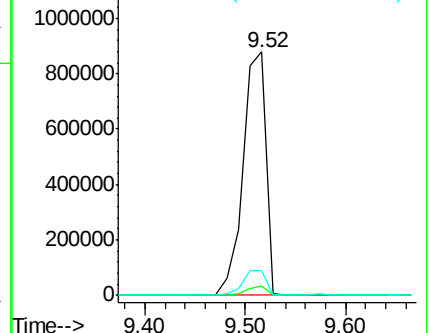
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.30 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

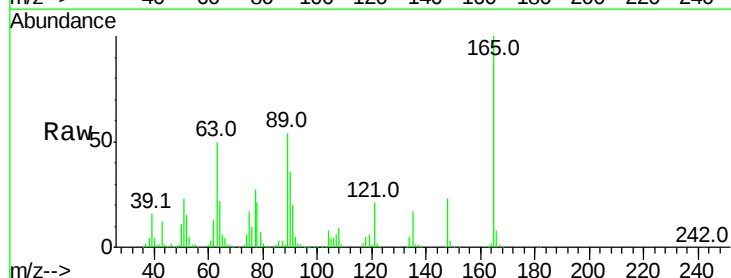
Tgt Ion:165 Resp: 327858

Ion Ratio Lower Upper

165 100

63 49.5 36.2 54.4

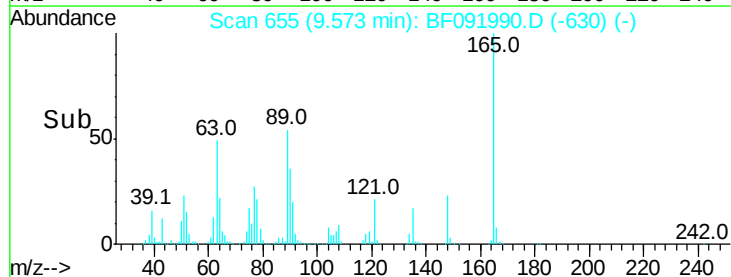
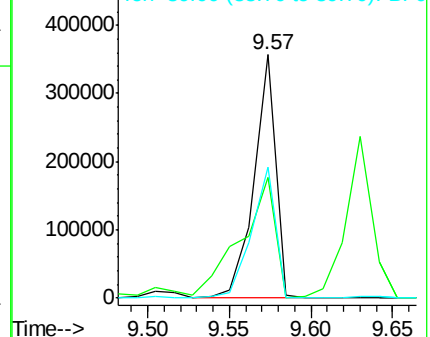
89 53.7 40.2 60.4

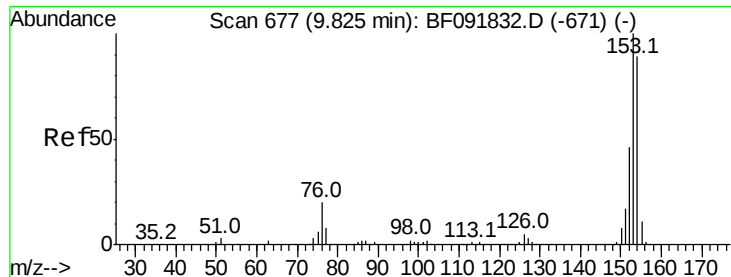


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

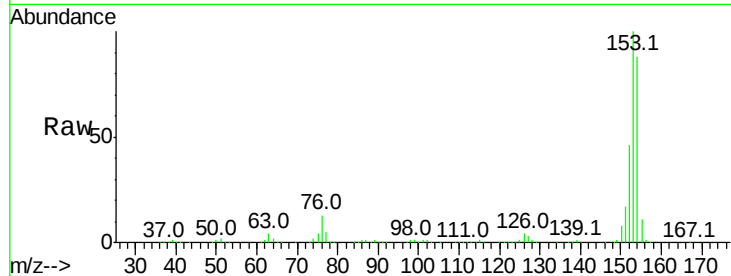




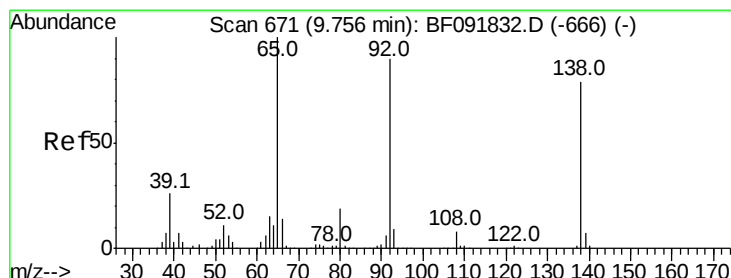
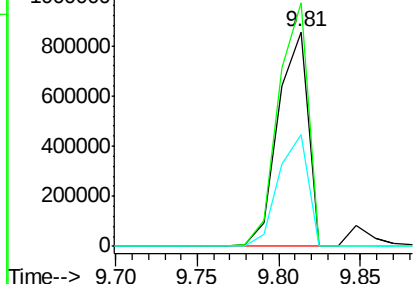
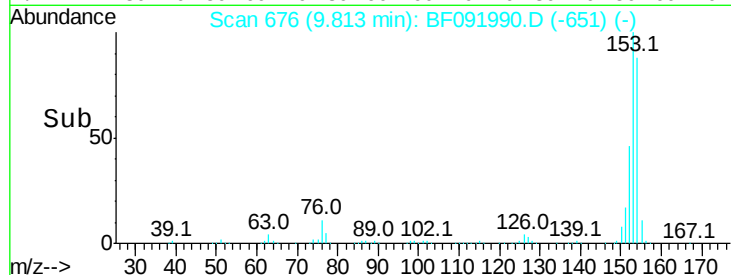
#51
Acenaphthene
Concen: 39.26 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Instrument :
BNA_F
ClientSampleId :
PB95631BS

Tot Ion:154 Resp: 1099211
Ion Ratio Lower Upper
154 100
153 113.7 88.6 133.0
152 52.4 41.6 62.4

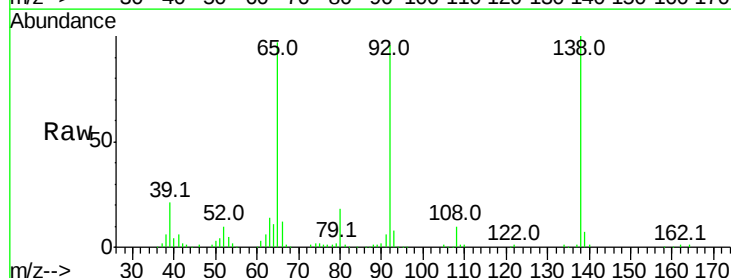


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

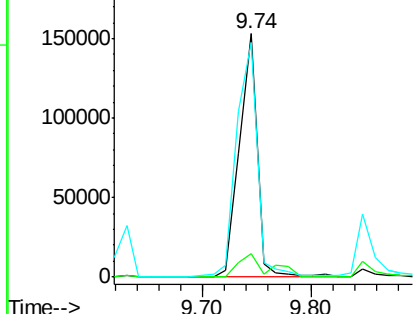
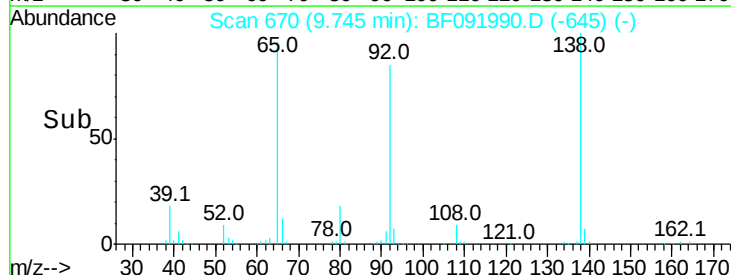


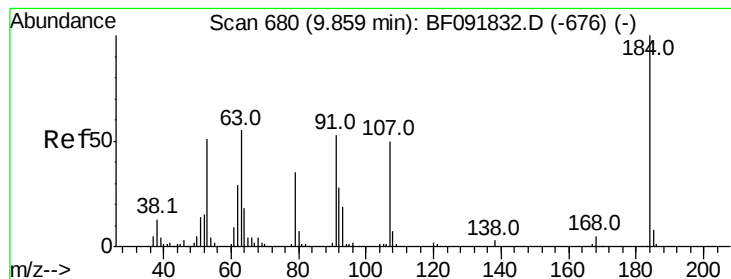
#52
3-Nitroaniline
Concen: 20.23 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Tgt Ion:138 Resp: 173576
Ion Ratio Lower Upper
138 100
108 9.7 8.5 12.7
92 96.4 97.8 146.8#



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





#53

2,4-Dinitrophenol

Concen: 39.72 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

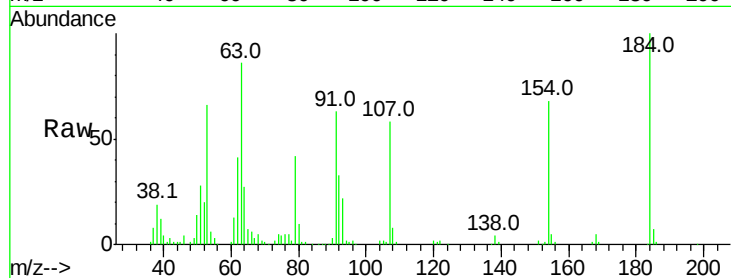
Tot Ion:184 Resp: 153208

Ion Ratio Lower Upper

184 100

63 86.1 28.4 42.6#

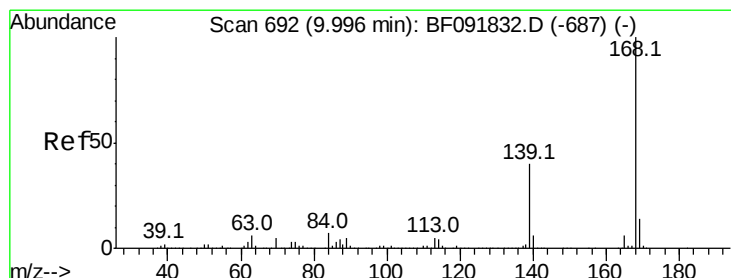
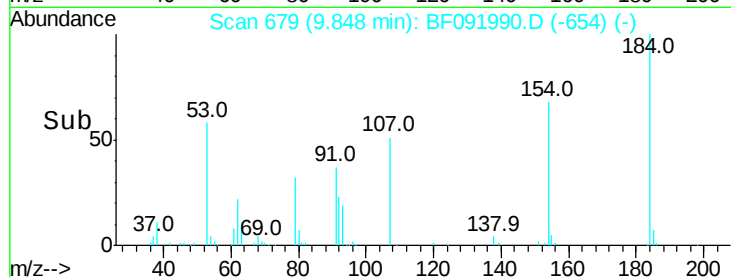
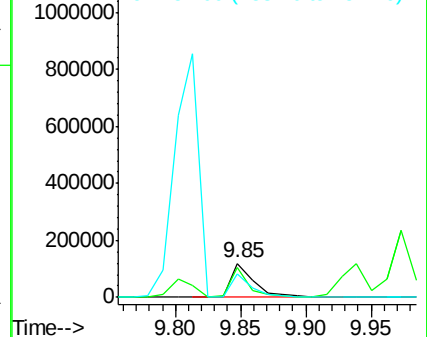
154 68.1 44.3 66.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.32 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

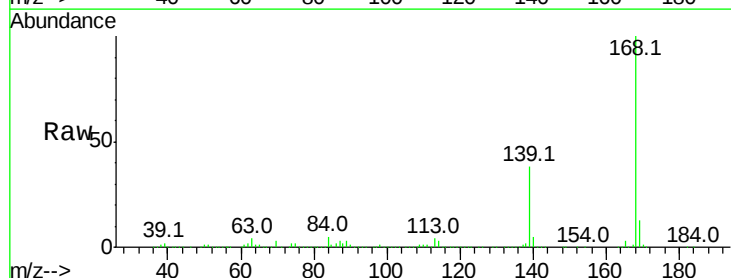
Tgt Ion:168 Resp: 1524292

Ion Ratio Lower Upper

168 100

139 38.0 32.6 49.0

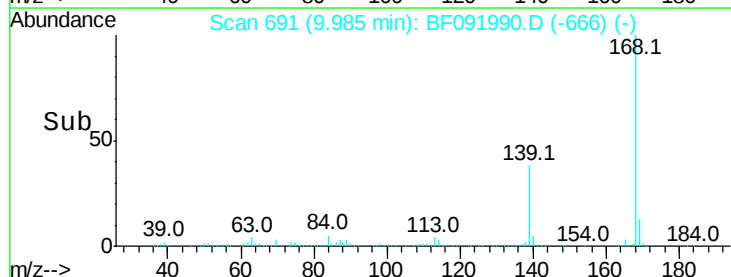
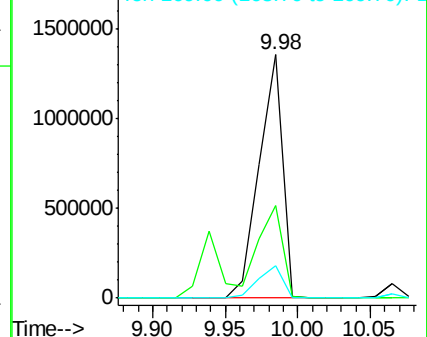
169 13.4 11.3 16.9

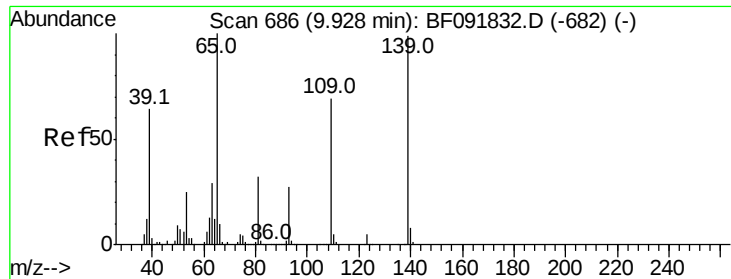


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

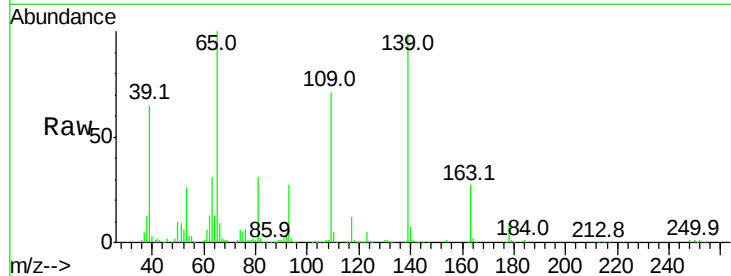




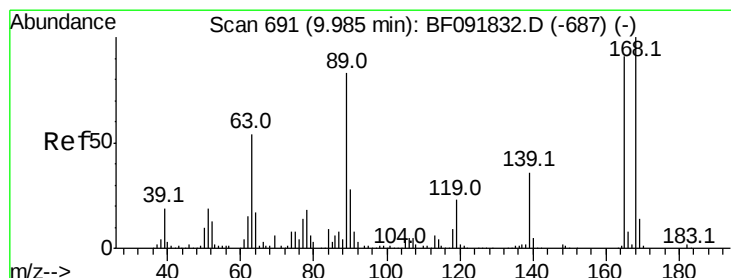
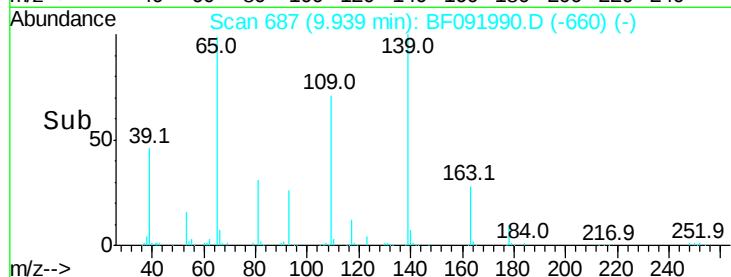
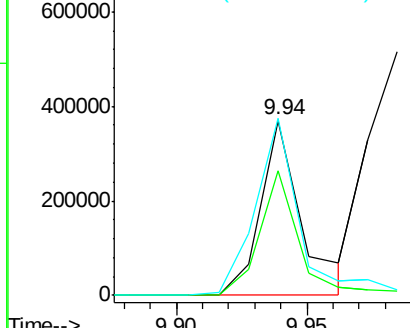
#55
4-Nitrophenol
Concen: 69.05 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Instrument :
BNA_F
ClientSampleId :
PB95631BS

Tot Ion:139 Resp: 402219
Ion Ratio Lower Upper
139 100
109 71.6 52.2 92.2
65 101.5 85.8 125.8

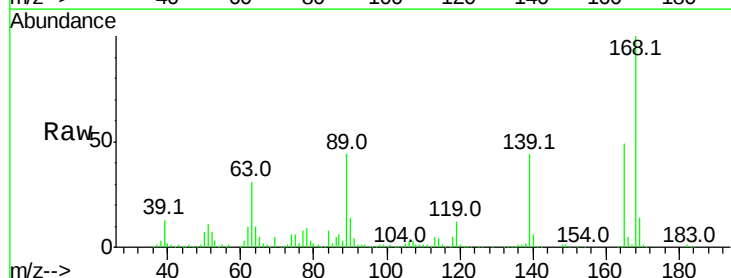


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

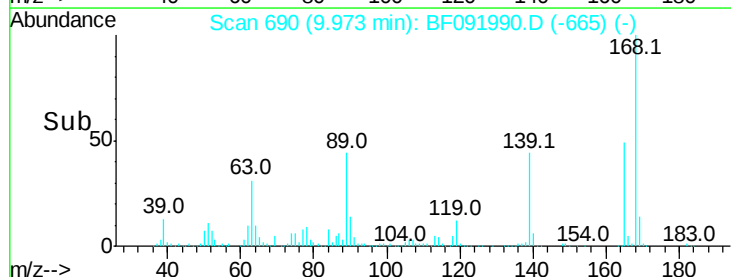
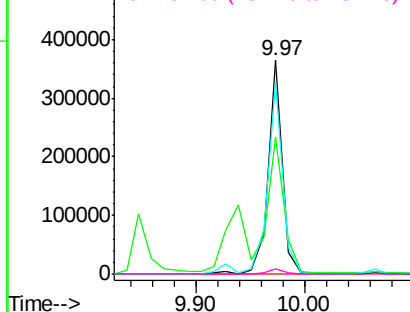


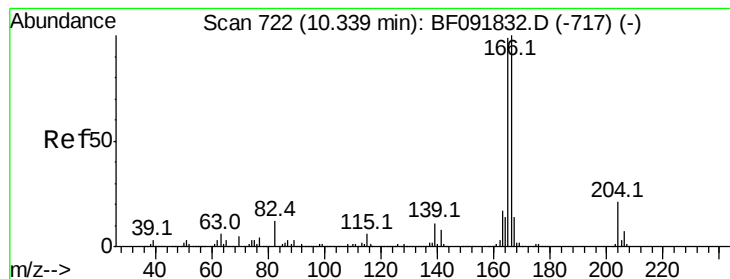
#56
2,4-Dinitrotoluene
Concen: 38.23 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Tgt Ion:165 Resp: 332616
Ion Ratio Lower Upper
165 100
63 64.1 40.2 60.4#
89 89.9 62.5 93.7
182 2.1 1.8 2.8



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





#57

Fluorene

Concen: 43.57 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

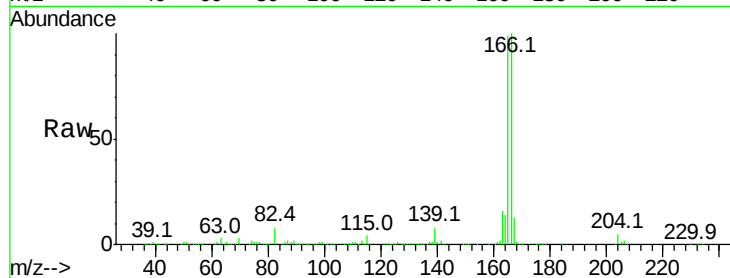
Tot Ion:166 Resp: 1198556

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.8

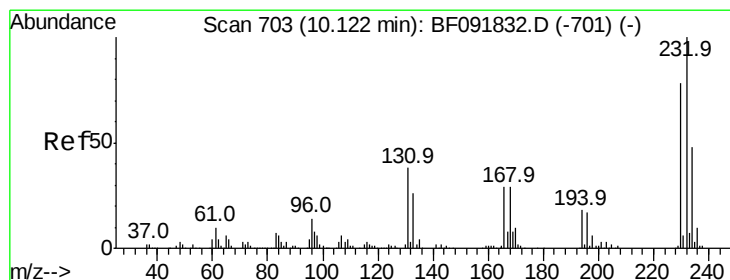
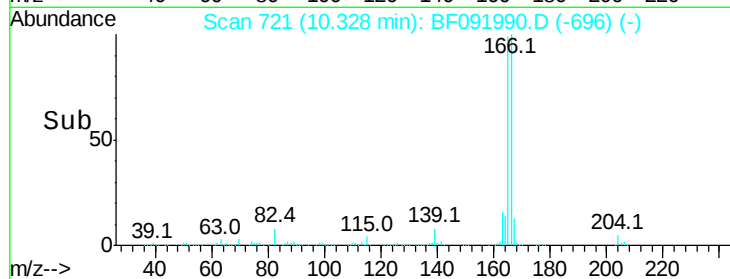
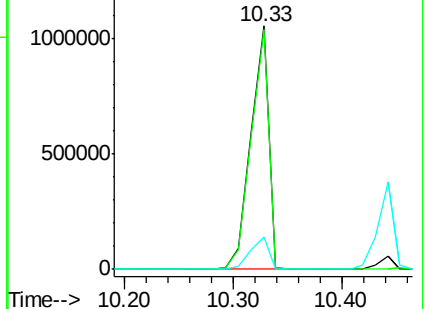
167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.92 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Tgt Ion:232 Resp: 284328

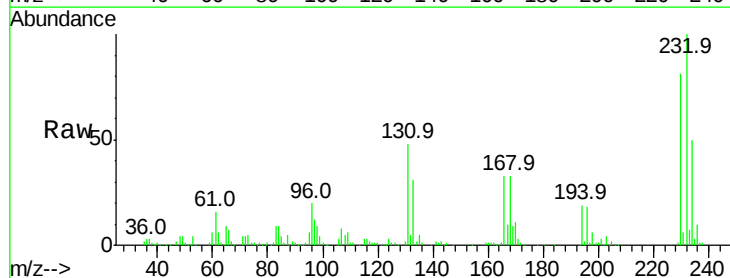
Ion Ratio Lower Upper

232 100

131 51.0 40.1 60.1

130 2.4 1.8 2.8

166 32.7 26.6 39.8

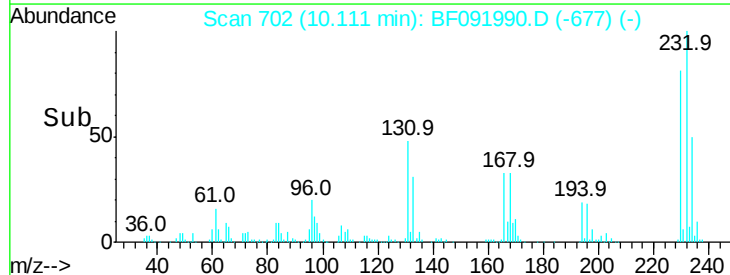
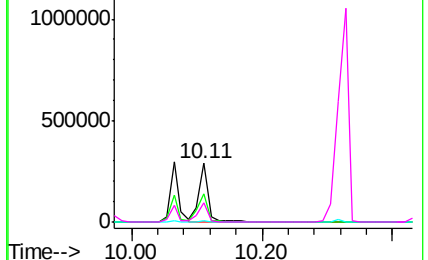


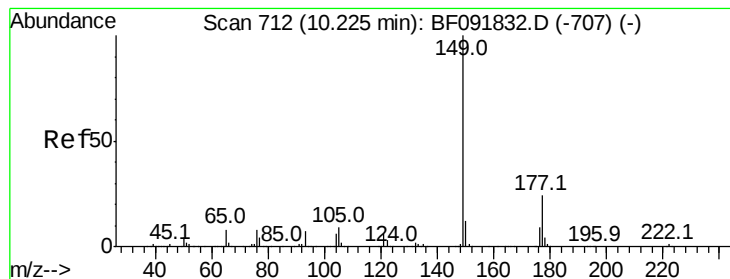
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 40.19 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

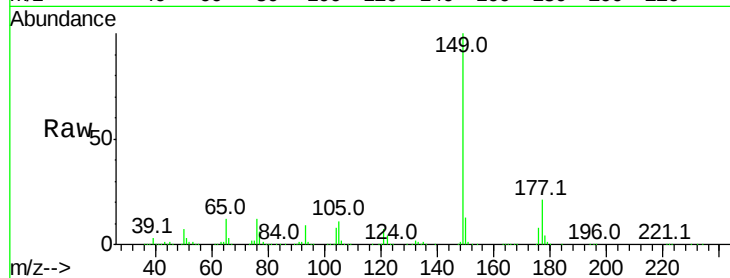
Tot Ion:149 Resp: 1236141

Ion Ratio Lower Upper

149 100

177 20.5 16.6 25.0

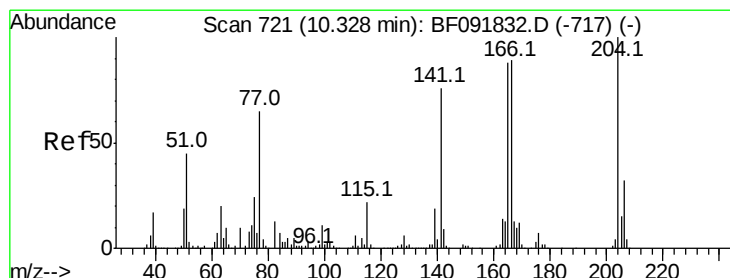
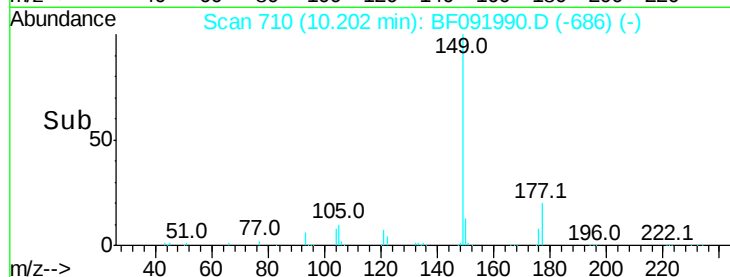
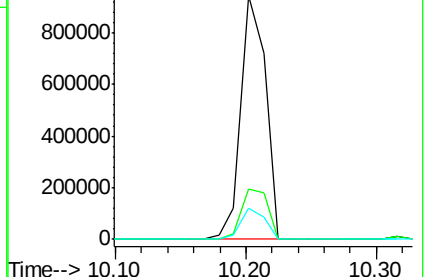
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.31 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

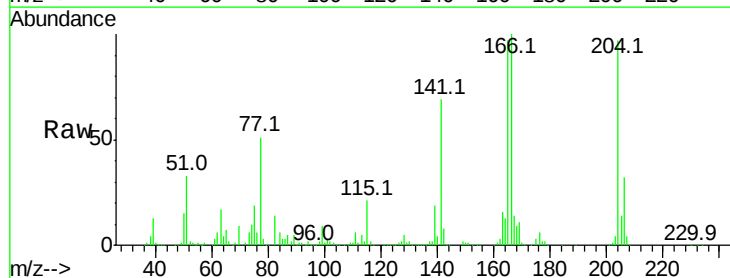
Tgt Ion:204 Resp: 497550

Ion Ratio Lower Upper

204 100

206 33.2 25.8 38.6

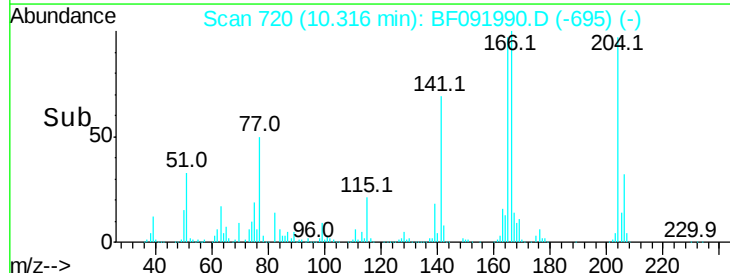
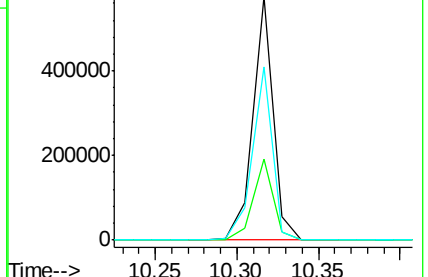
141 71.0 59.4 89.0

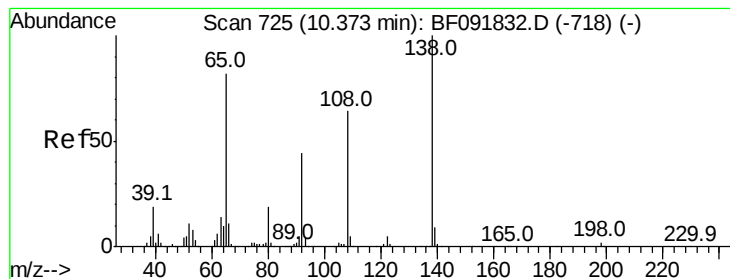


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.06 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

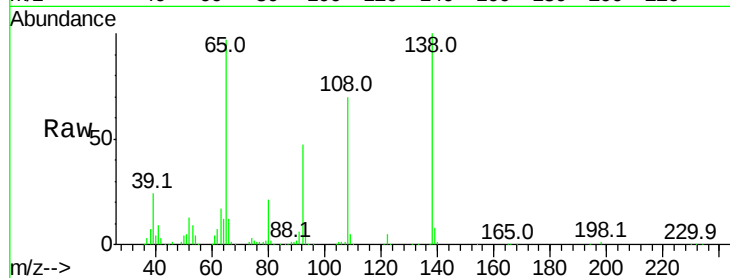
Tot Ion:138 Resp: 302756

Ion Ratio Lower Upper

138 100

92 47.4 31.7 71.7

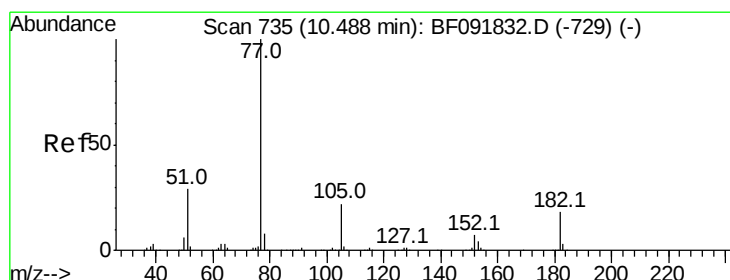
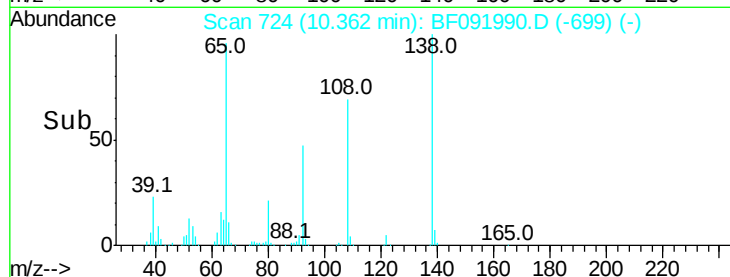
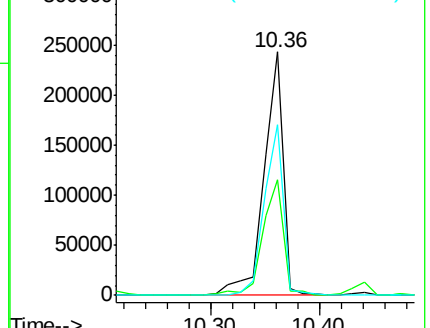
108 70.1 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.19 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Tgt Ion: 77 Resp: 1428820

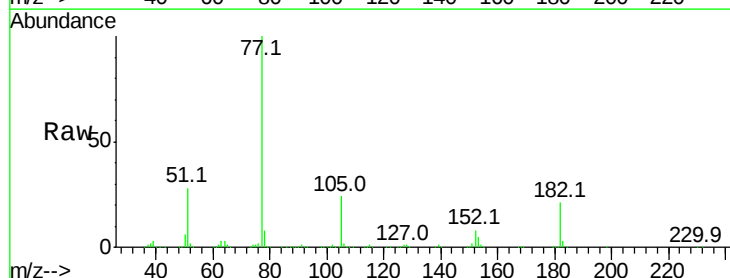
Ion Ratio Lower Upper

77 100

182 21.2 0.0 39.3

105 23.5 2.3 42.3

51 28.4 8.9 48.9

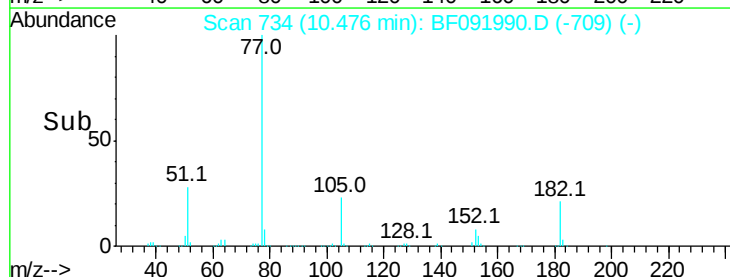
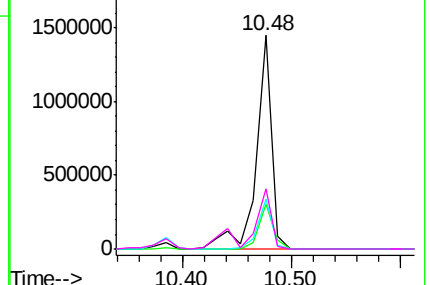


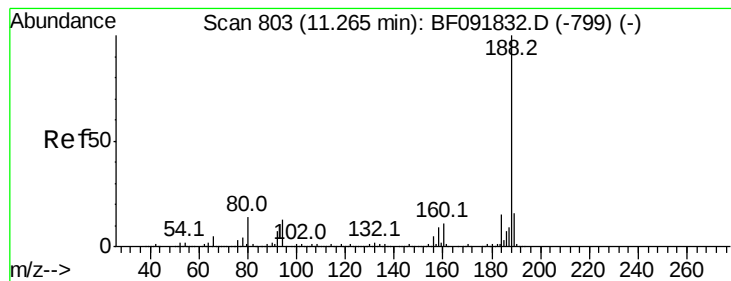
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

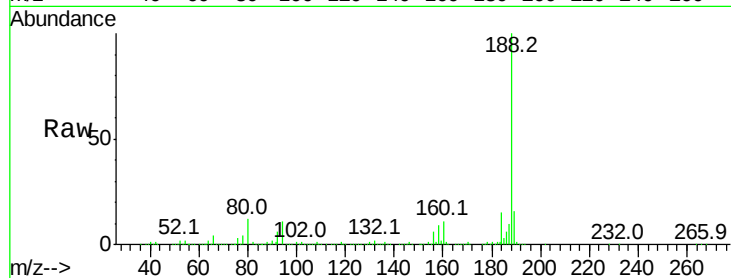
Tot Ion:188 Resp: 669840

Ion Ratio Lower Upper

188 100

94 10.5 10.0 15.0

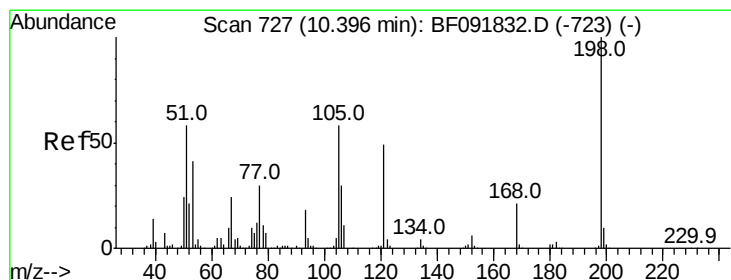
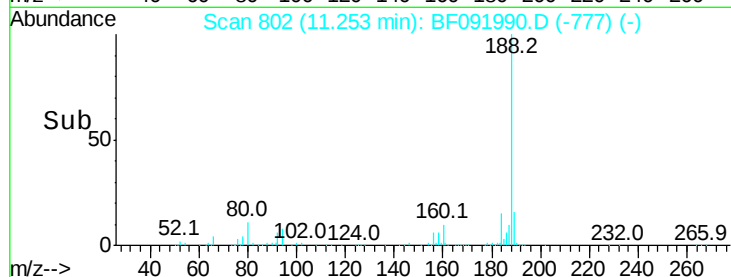
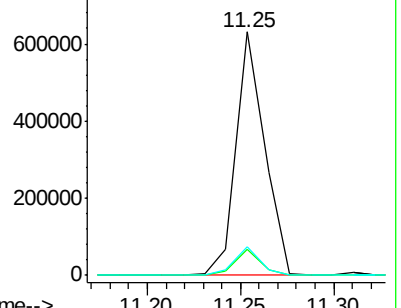
80 11.7 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 40.02 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

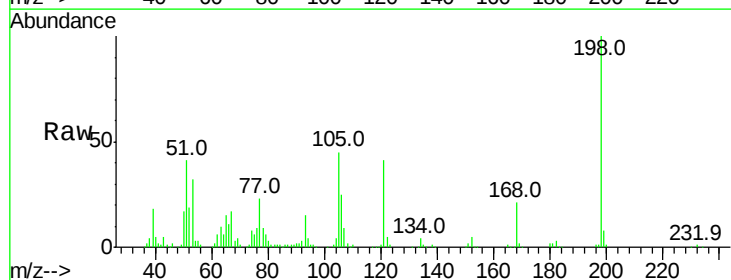
Tgt Ion:198 Resp: 162084

Ion Ratio Lower Upper

198 100

51 41.3 6.7 46.7

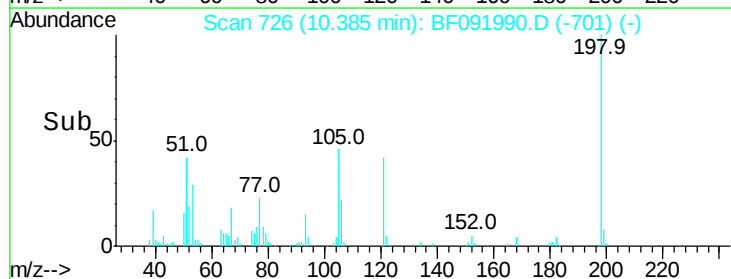
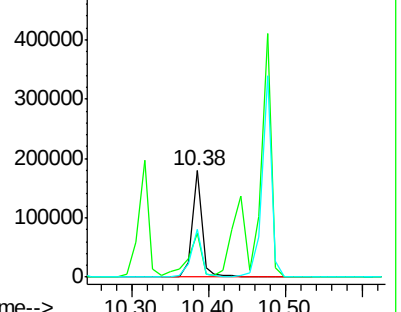
105 45.2 16.6 56.6

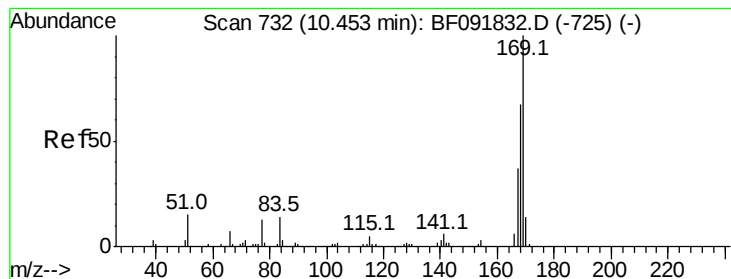


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.68 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

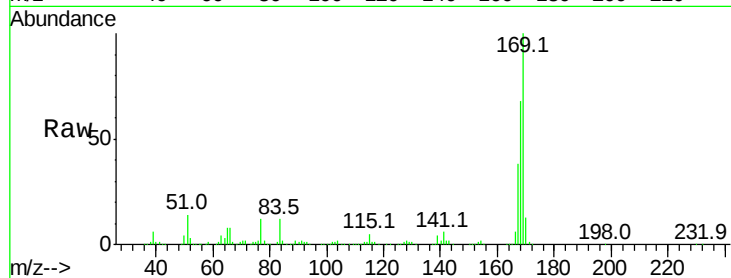
Tot Ion:169 Resp: 1007324

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

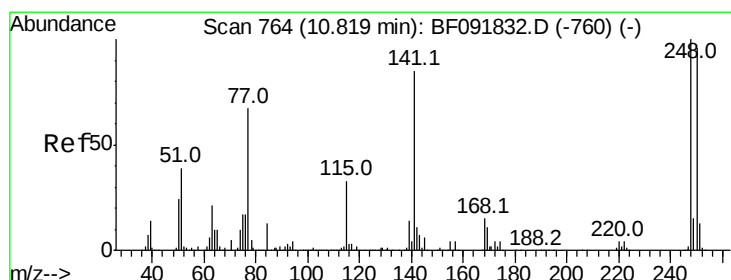
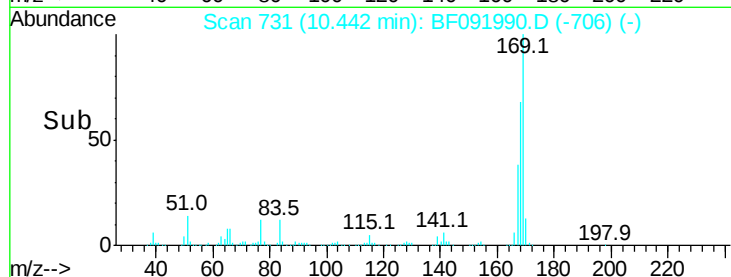
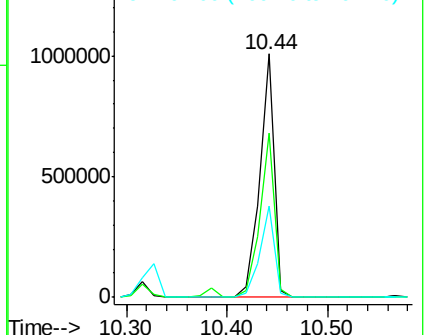
167 37.6 30.2 45.4



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: 52.10 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

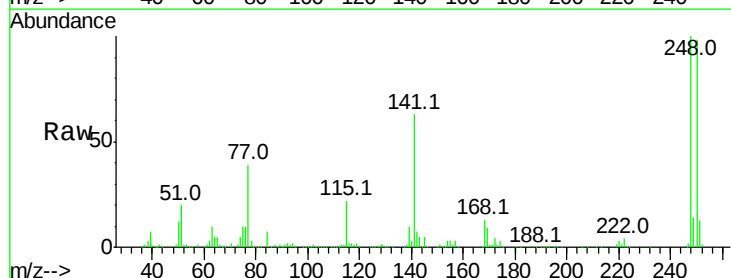
Tgt Ion:248 Resp: 363038

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

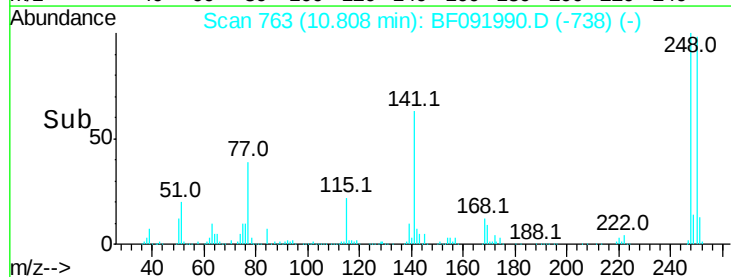
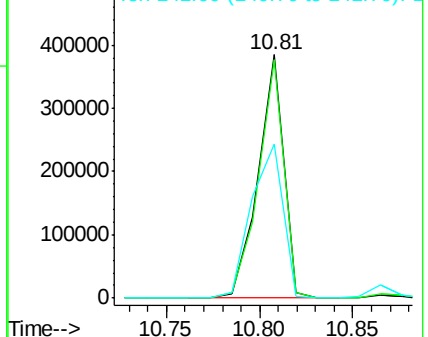
141 63.1 68.2 102.4#

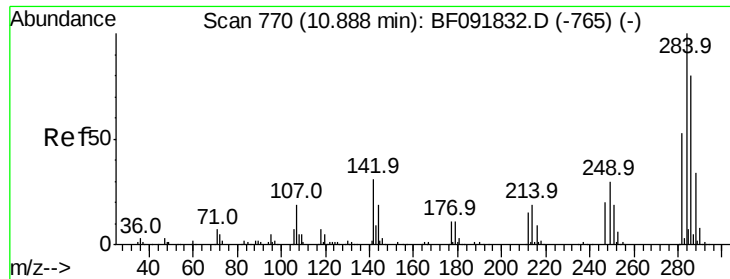


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

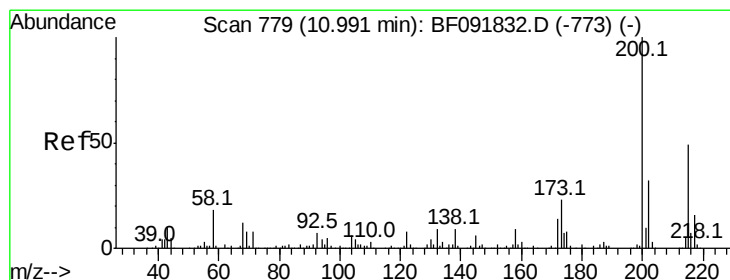
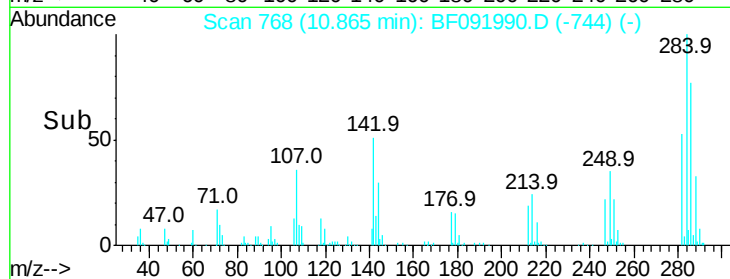
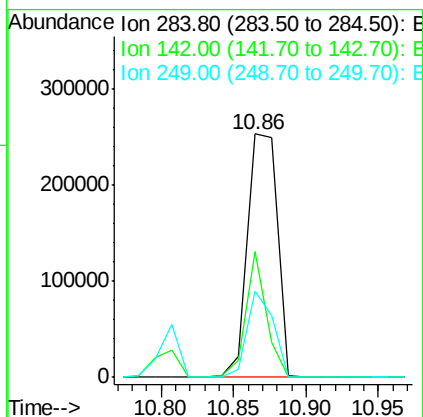
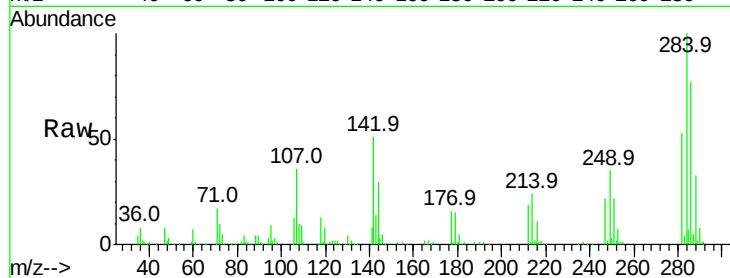




#67
Hexachlorobenzene
Concen: 48.77 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

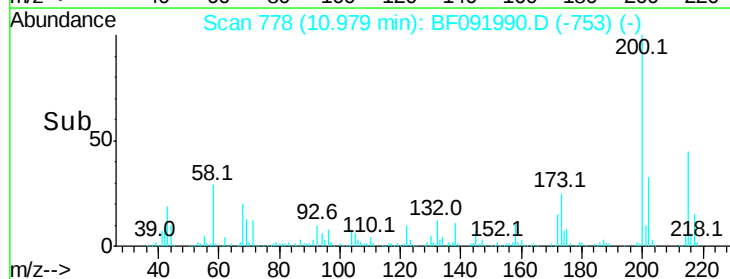
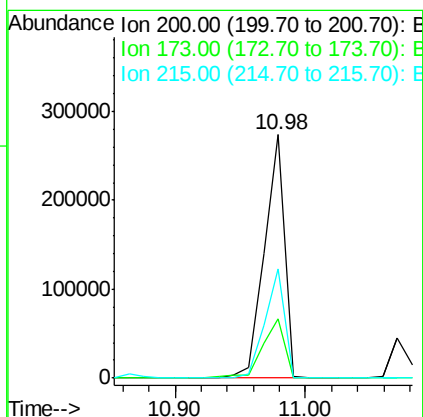
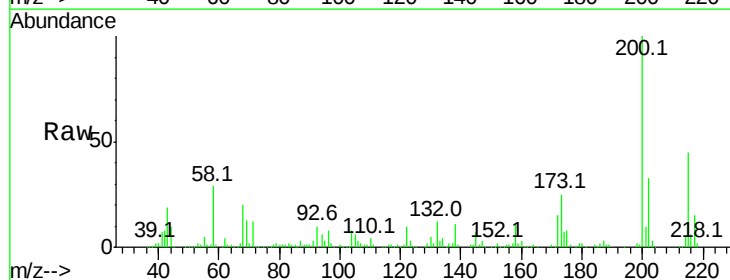
Instrument :
BNA_F
ClientSampleId :
PB95631BS

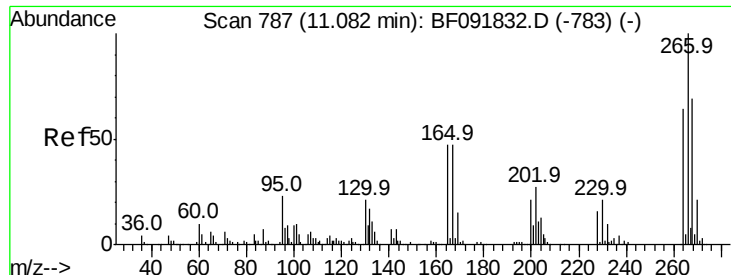
Tot Ion	Ratio	Lower	Upper
284	100		
142	51.5	22.6	33.8#
249	35.3	25.4	38.0



#68
Atrazine
Concen: 46.24 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.6	9.6	49.6
215	45.0	25.7	65.7

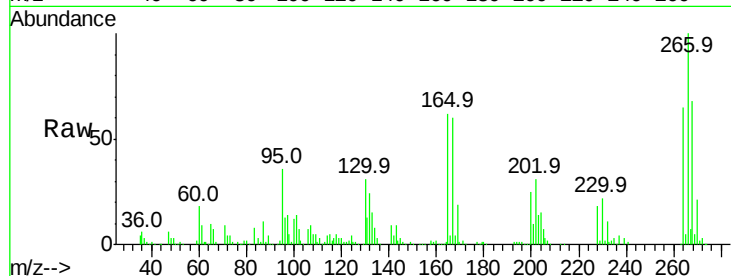




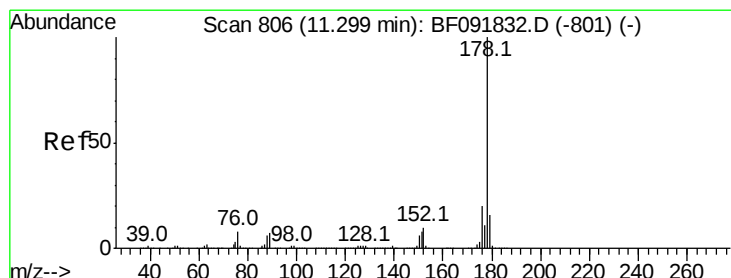
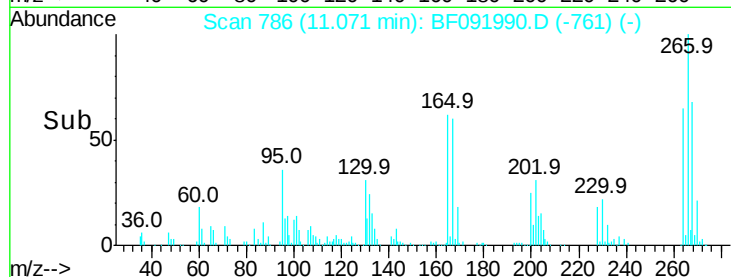
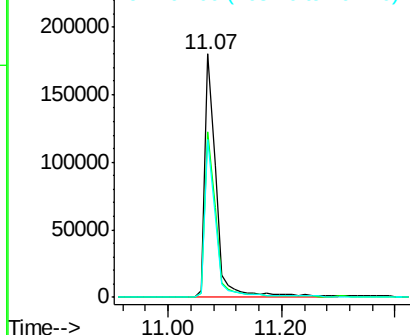
#69
 Pentachlorophenol
 Concen: 65.20 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

Instrument :
 BNA_F
 ClientSampleId :
 PB95631BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.2	53.3	79.9
264	64.8	50.3	75.5

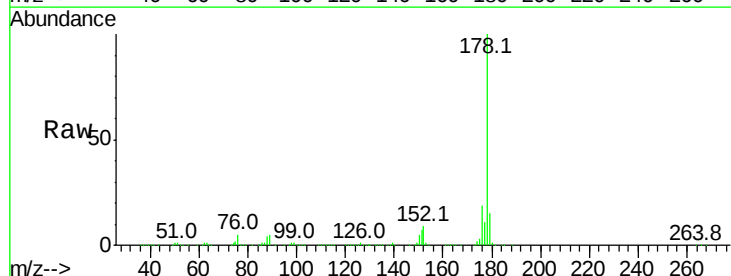


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

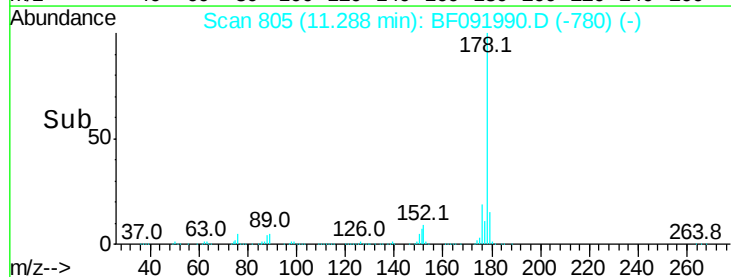
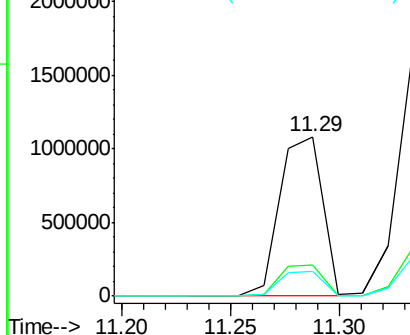


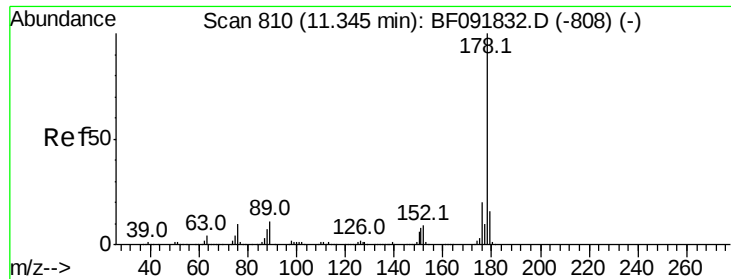
#70
 Phenanthrene
 Concen: 41.10 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.6	25.0
179	15.3	12.8	19.2



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

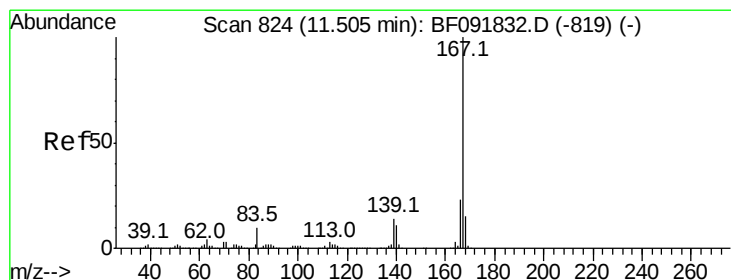
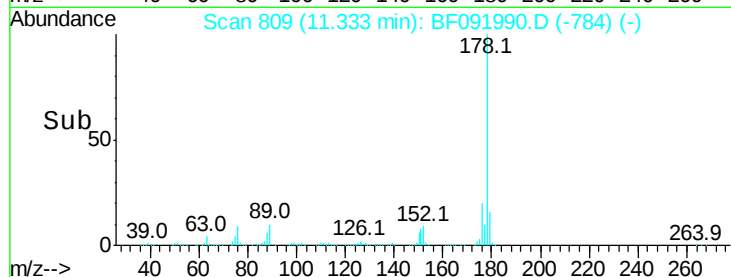
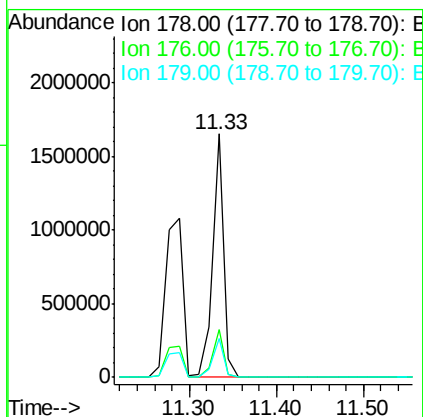
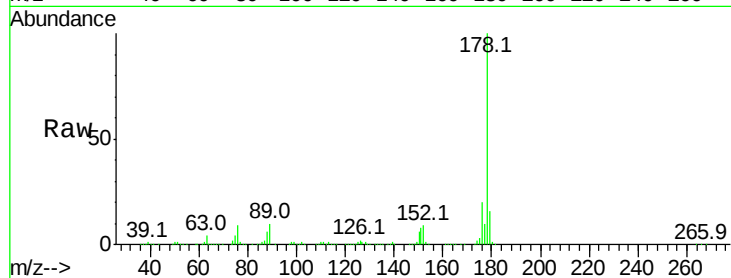




#71
 Anthracene
 Concen: 46.37 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

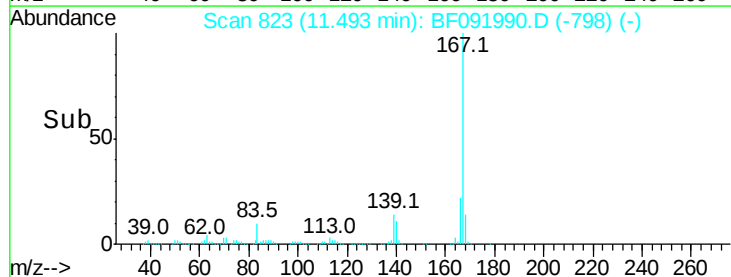
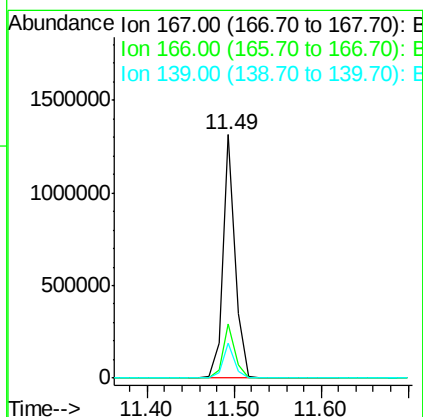
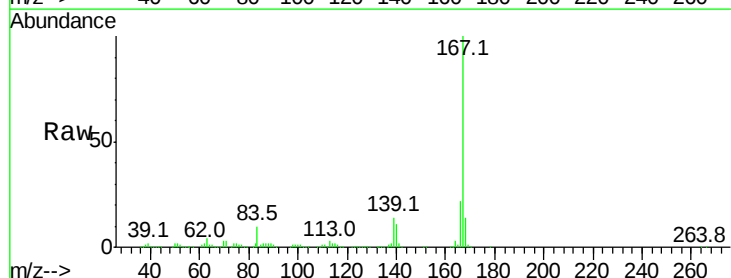
Instrument :
 BNA_F
 ClientSampleId :
 PB95631BS

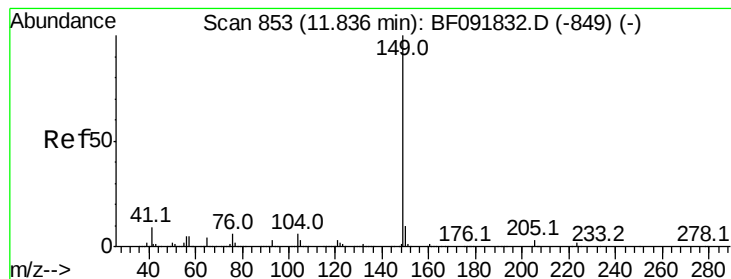
Tot Ion:178 Resp: 1477920
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.9 23.9
 179 15.9 13.2 19.8



#72
 Carbazole
 Concen: 41.73 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

Tgt Ion:167 Resp: 1288718
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 14.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: 46.70 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

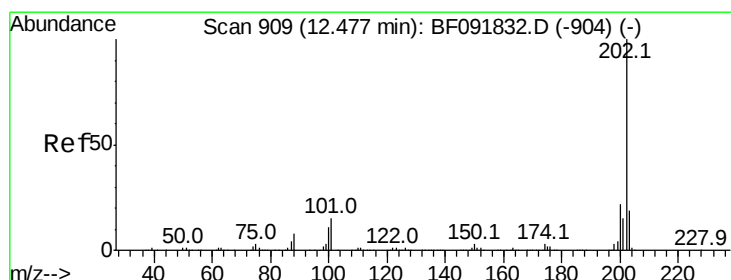
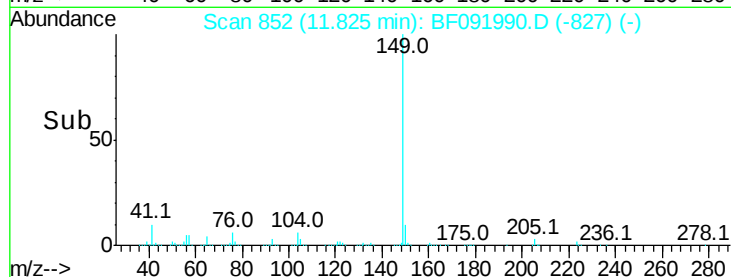
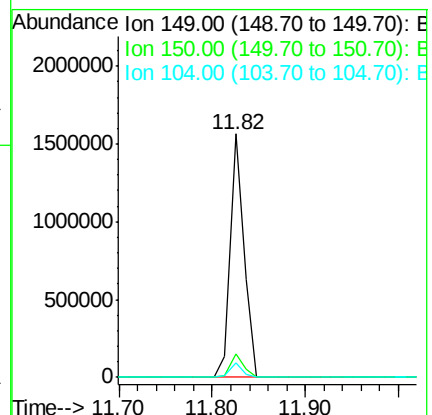
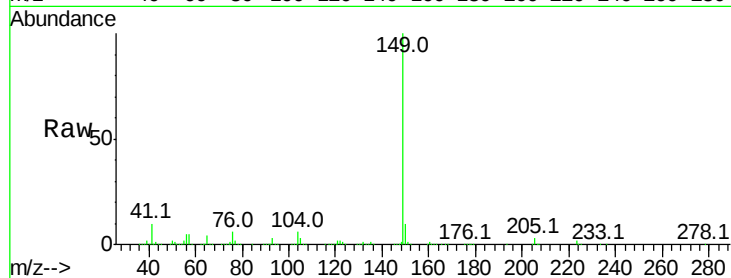
Tot Ion:149 Resp: 1601978

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

104 5.8 4.6 7.0



#74

Fluoranthene

Concen: 52.14 ng

RT: 12.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

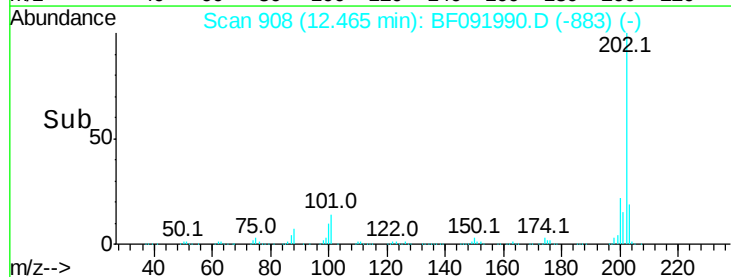
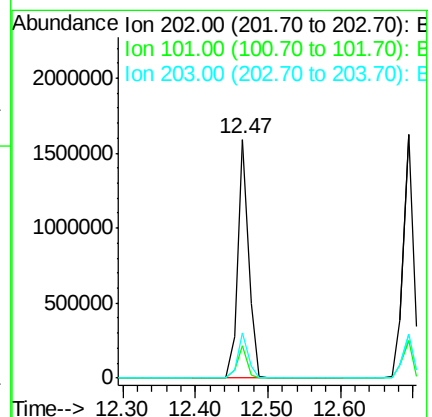
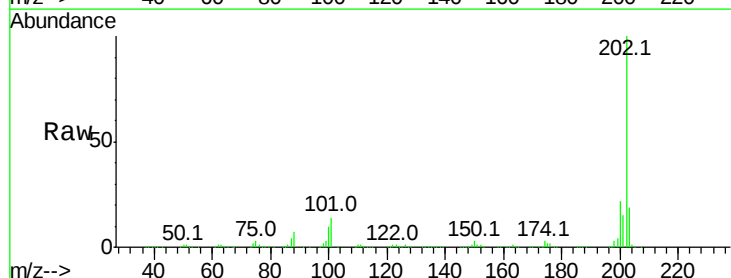
Tgt Ion:202 Resp: 1642160

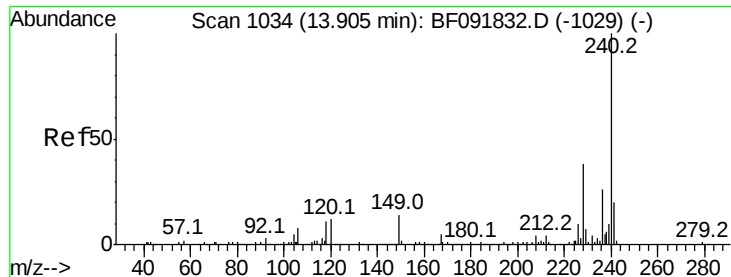
Ion Ratio Lower Upper

202 100

101 13.8 0.0 34.6

203 18.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

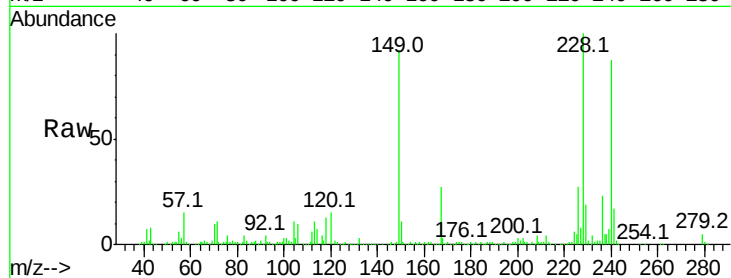
Tot Ion:240 Resp: 511542

Ion Ratio Lower Upper

240 100

120 16.8 12.9 19.3

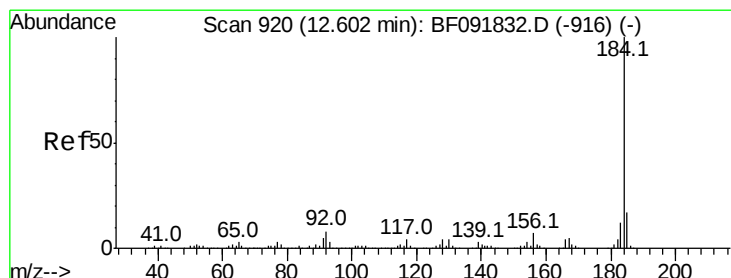
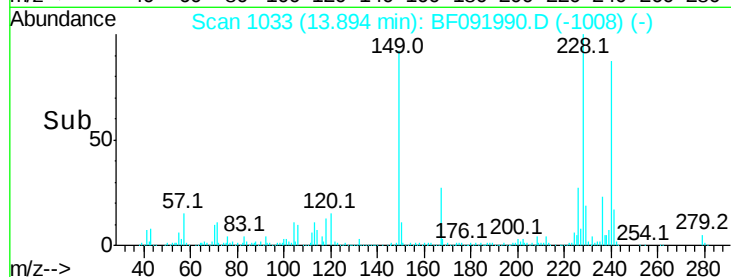
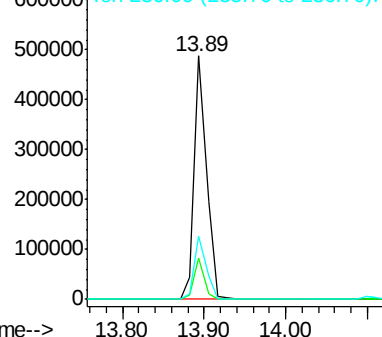
236 26.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.10 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

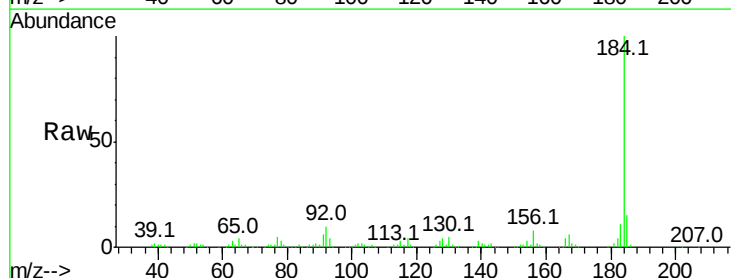
Tgt Ion:184 Resp: 437415

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

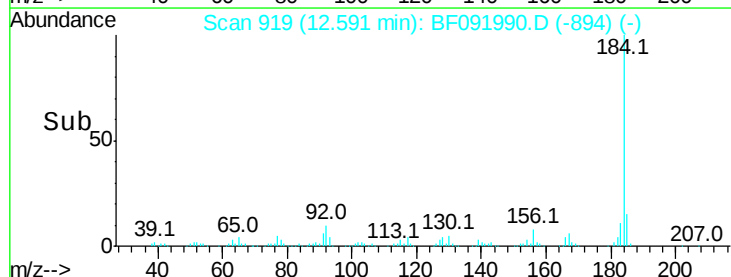
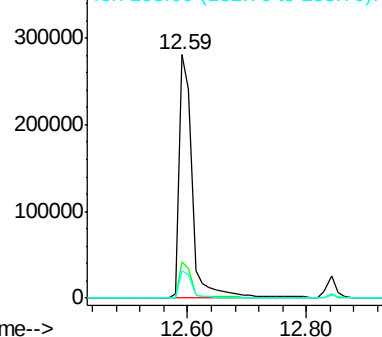
183 11.1 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

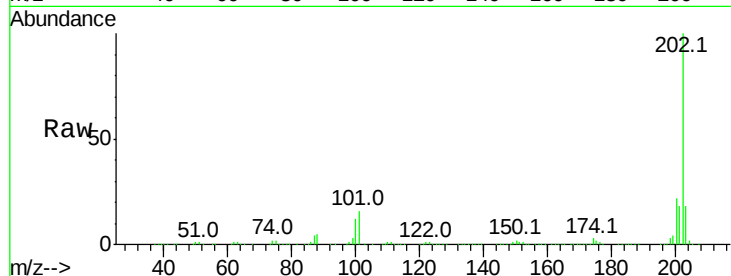




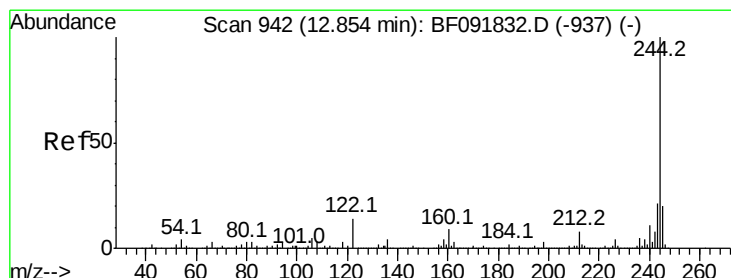
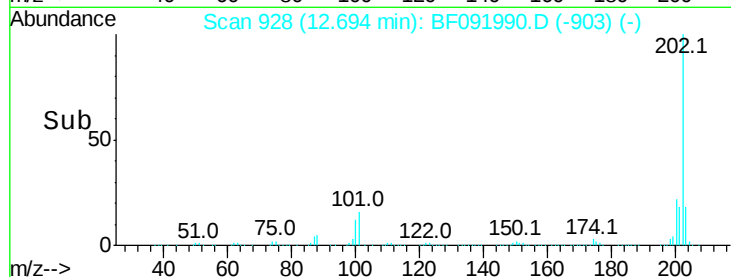
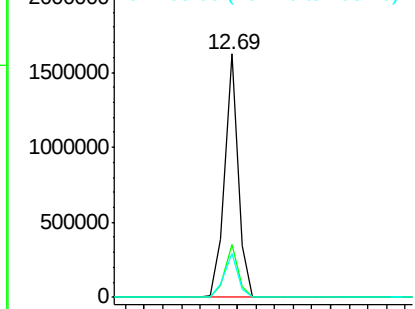
#77
Pvrene
Concen: 43.63 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Instrument :
BNA_F
ClientSampleId :
PB95631BS

Tot Ion:202 Resp: 1637382
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 18.1 14.7 22.1

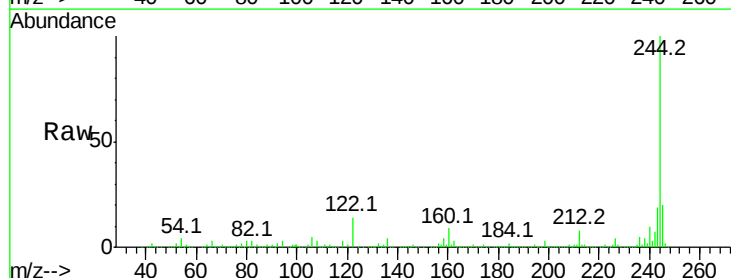


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

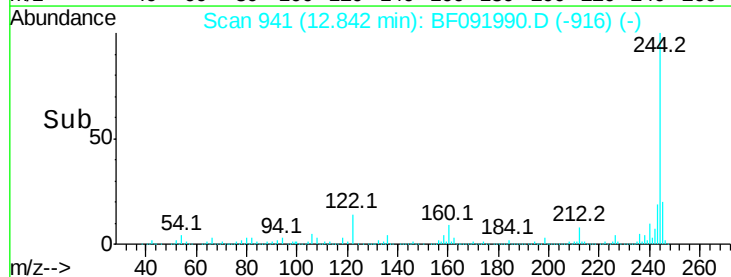
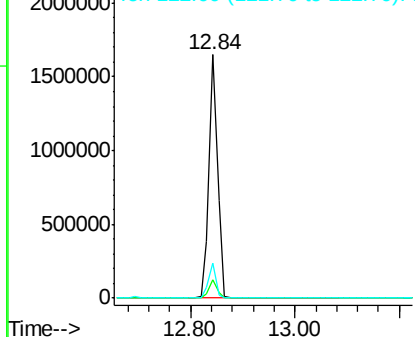


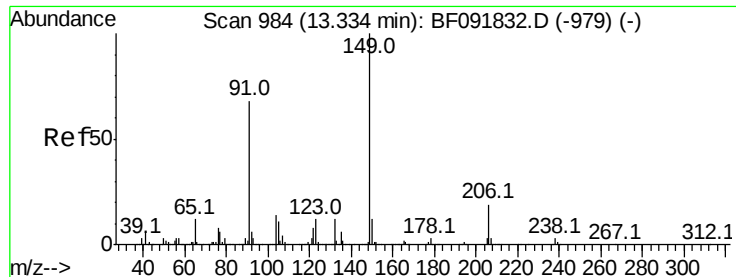
#78
Terphenyl-d14
Concen: 88.87 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Tgt Ion:244 Resp: 1874454
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 14.2 11.4 17.2



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

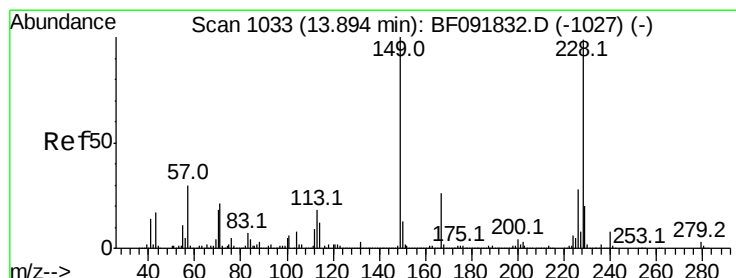
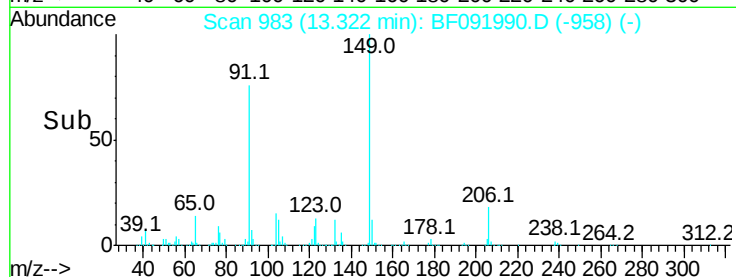
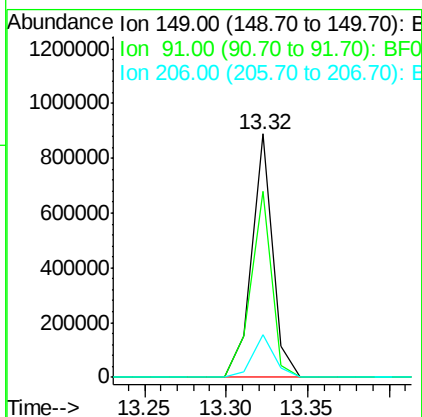
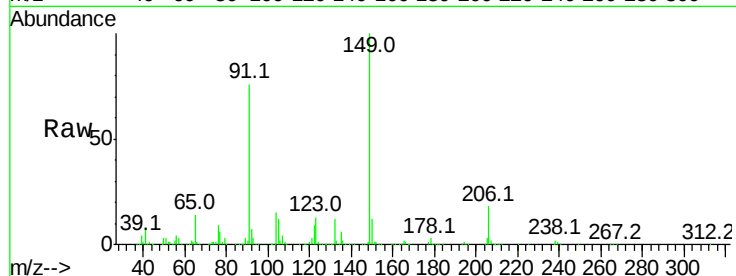




#79
Butylbenzylphthalate
Concen: 46.68 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

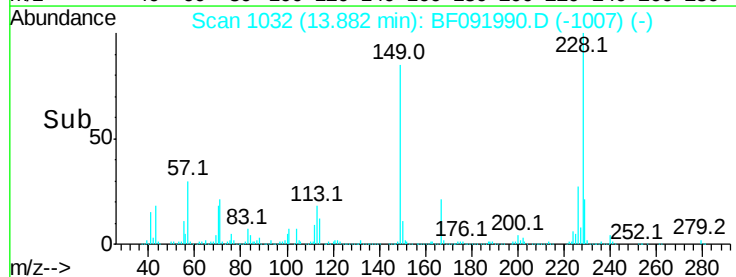
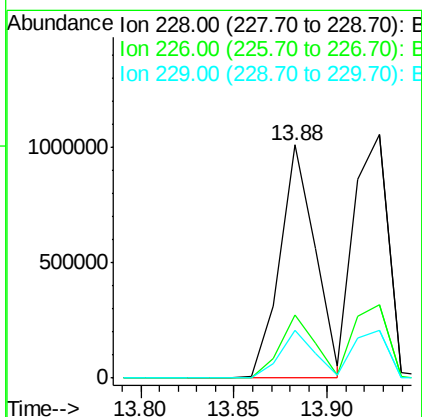
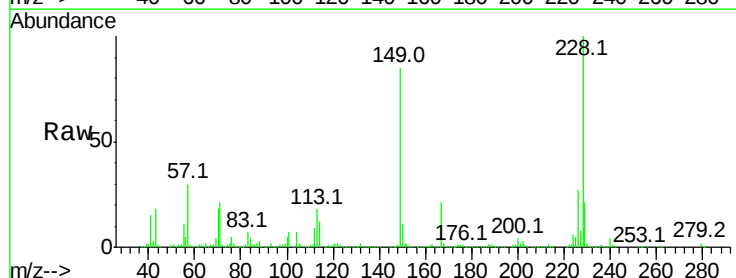
Instrument :
BNA_F
ClientSampleId :
PB95631BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.2	63.9	95.9
206	17.6	14.6	21.8



#80
Benzo(a)anthracene
Concen: 46.21 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.4	33.6
229	20.6	16.2	24.4

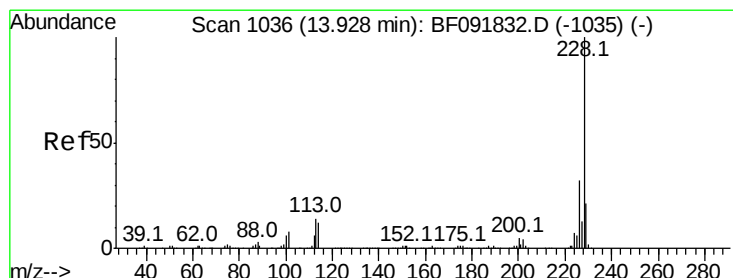
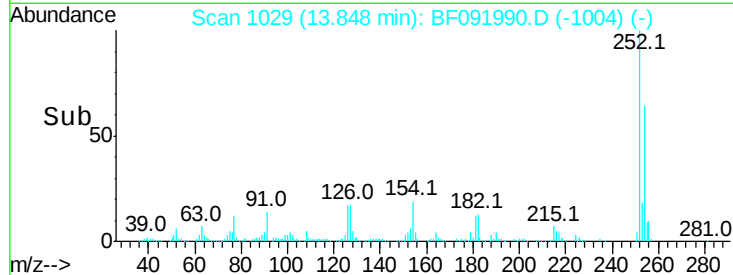
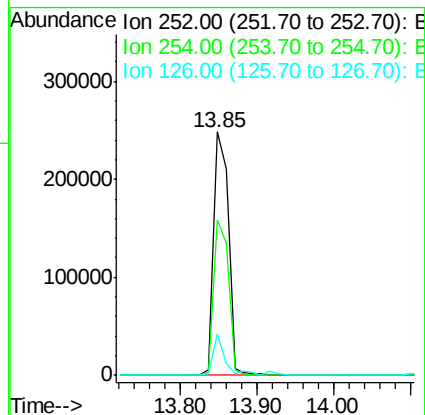
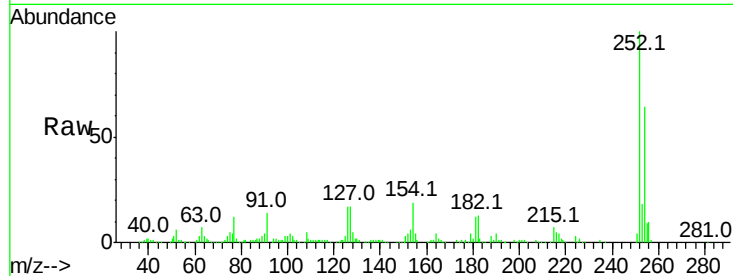




#81
 3,3'-Dichlorobenzidine
 Concen: 30.14 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

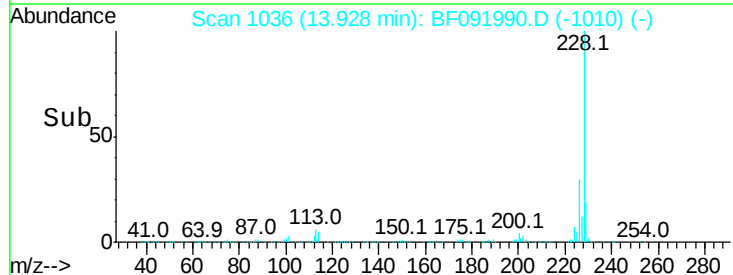
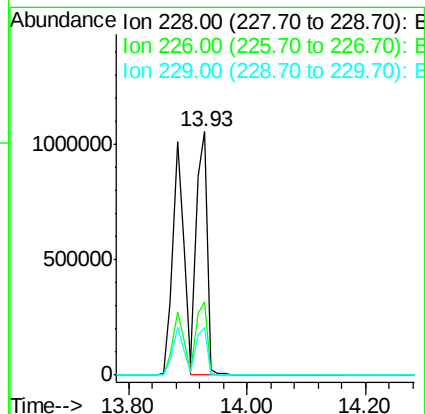
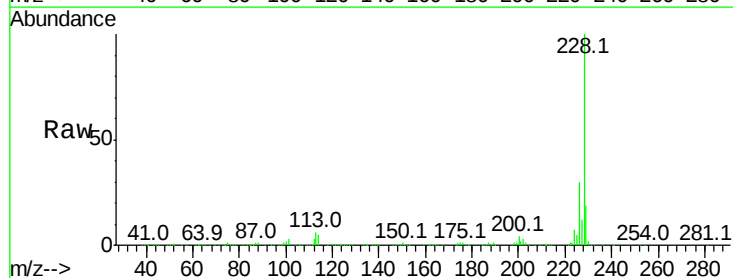
Instrument :
 BNA_F
 ClientSampleId :
 PB95631BS

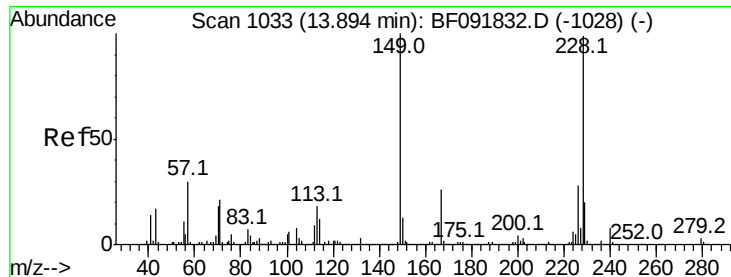
Tot Ion:252 Resp: 330034
 Ion Ratio Lower Upper
 252 100
 254 63.9 52.3 78.5
 126 16.8 13.6 20.4



#82
 Chrysene
 Concen: 46.85 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

Tgt Ion:228 Resp: 1357016
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.4 38.0
 229 19.5 16.2 24.2

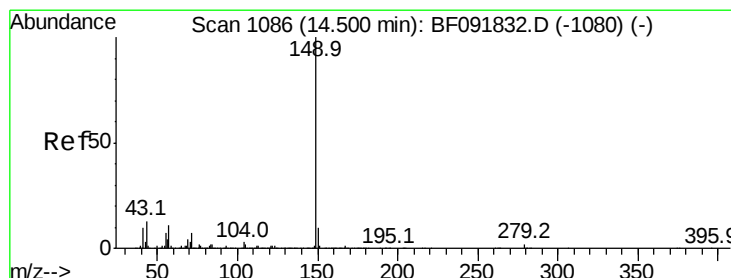
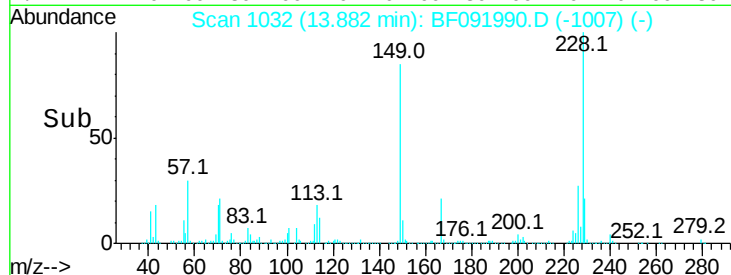
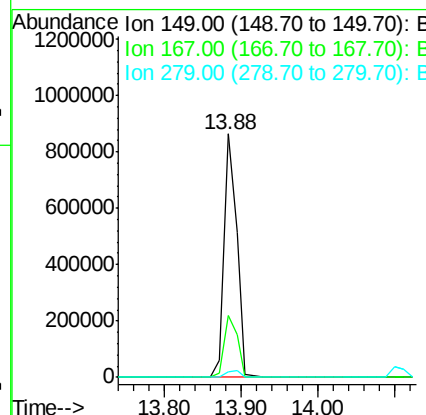
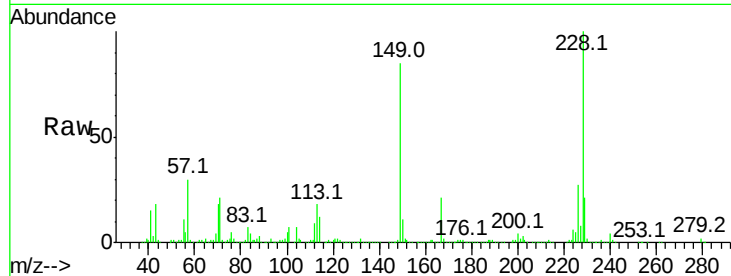




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.98 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

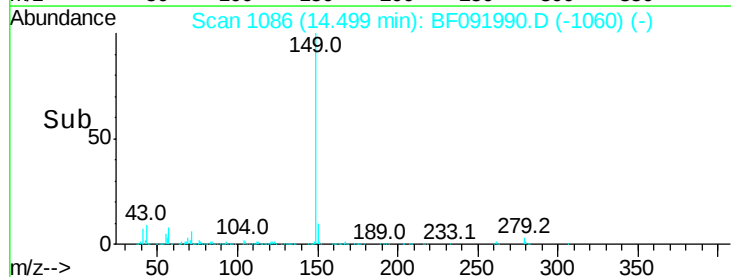
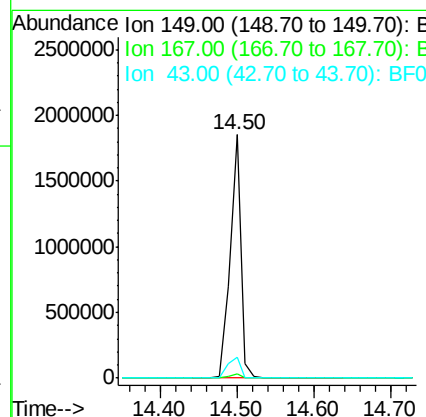
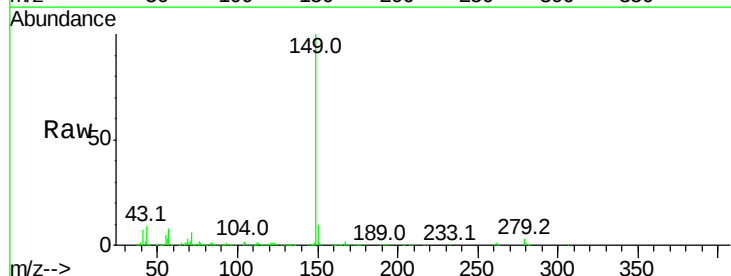
Instrument :
 BNA_F
 ClientSampleId :
 PB95631BS

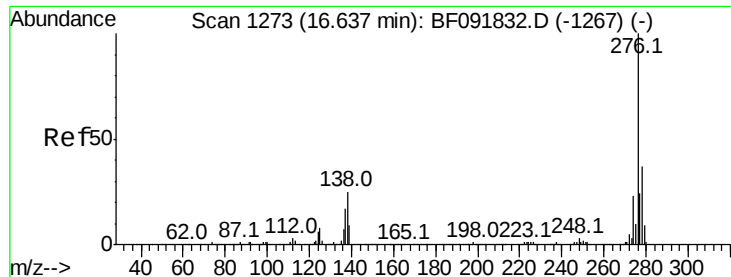
Tot Ion:149 Resp: 1004778
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.2 30.4
 279 2.2 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 49.77 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF091990.D
 Acq: 28 Dec 2016 3:39

Tgt Ion:149 Resp: 1853272
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.5 8.9 13.3

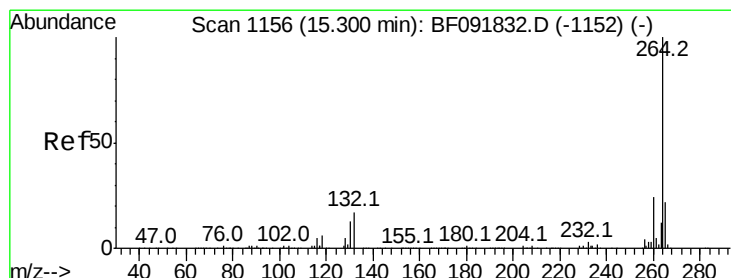
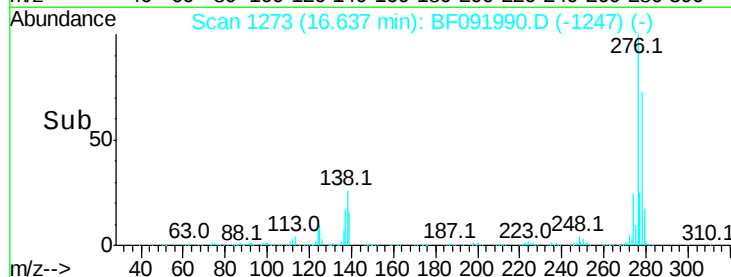
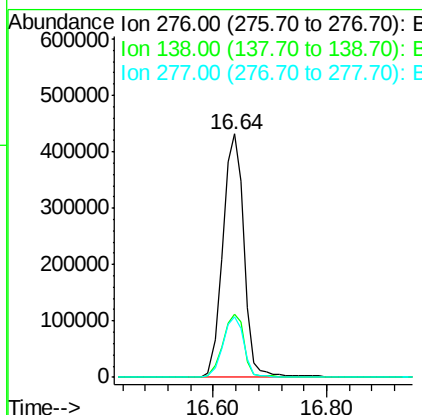
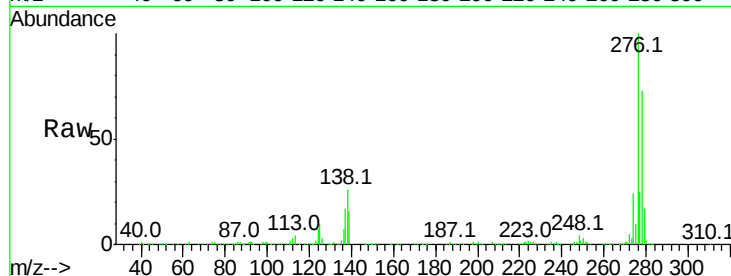




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.17 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

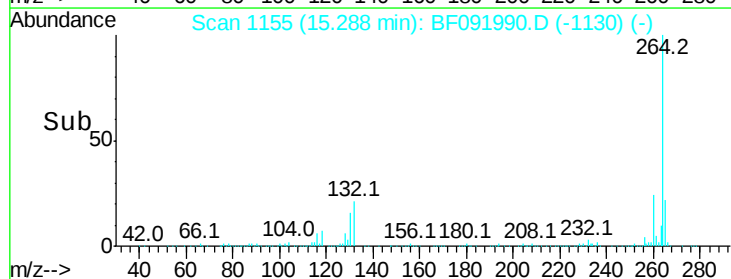
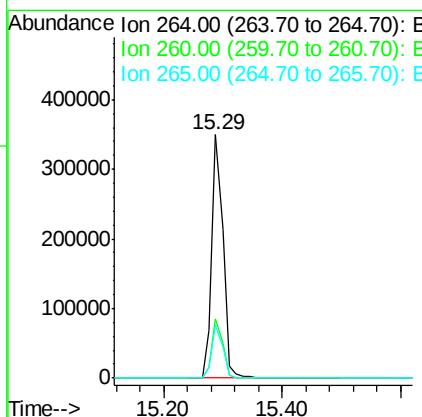
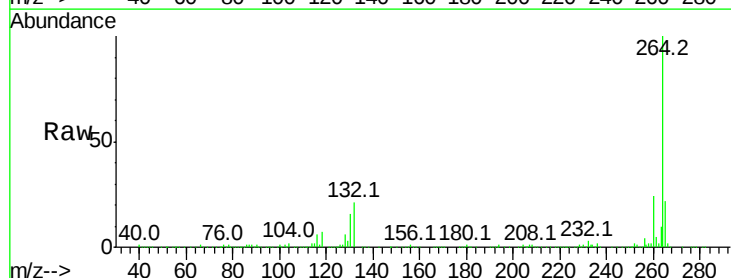
Instrument :
BNA_F
ClientSampleId :
PB95631BS

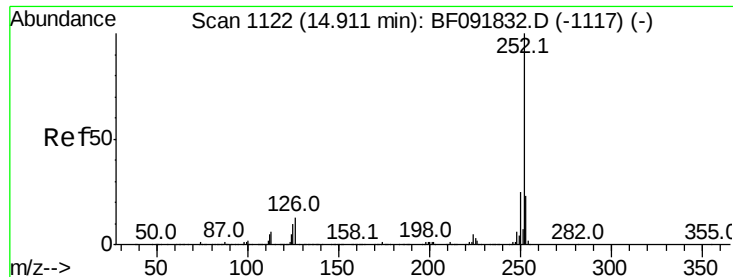
Tot Ion:276 Resp: 1133317
Ion Ratio Lower Upper
276 100
138 26.2 21.8 32.6
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Tgt Ion:264 Resp: 457520
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.6 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 39.60 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

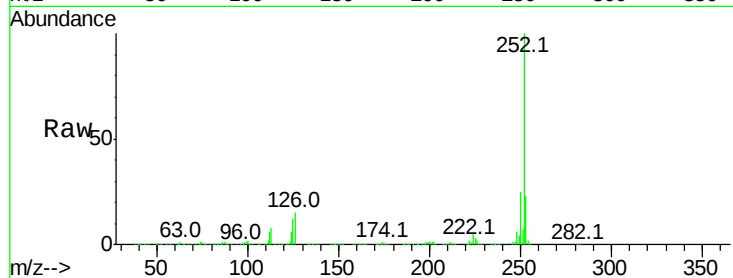
Tot Ion:252 Resp: 1128070

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

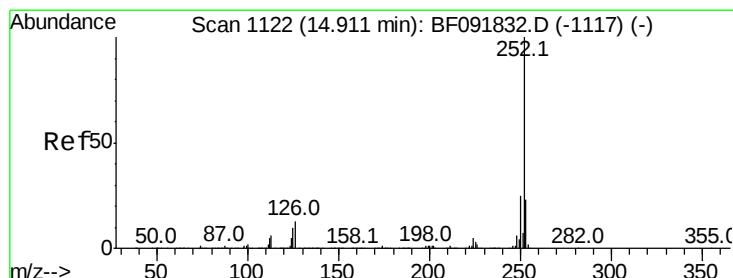
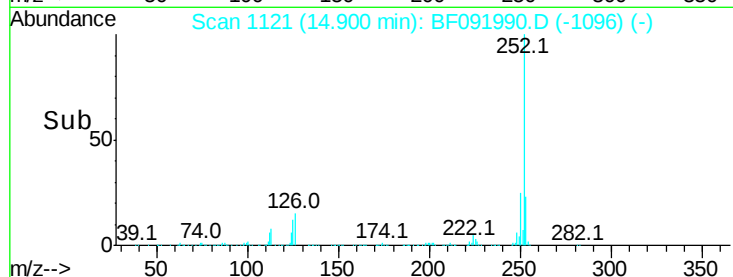
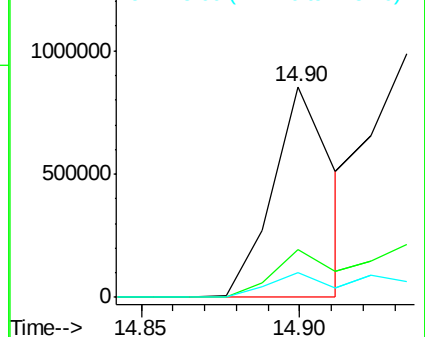
125 11.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.80 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

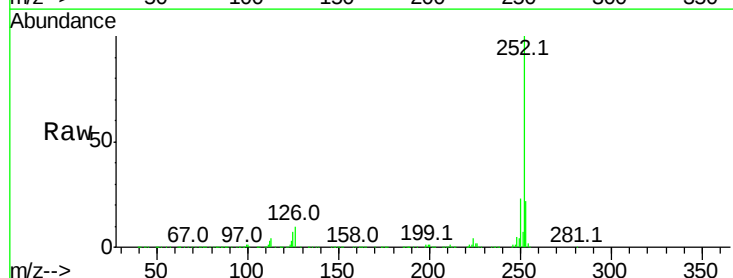
Tgt Ion:252 Resp: 1185302

Ion Ratio Lower Upper

252 100

253 21.6 18.5 27.7

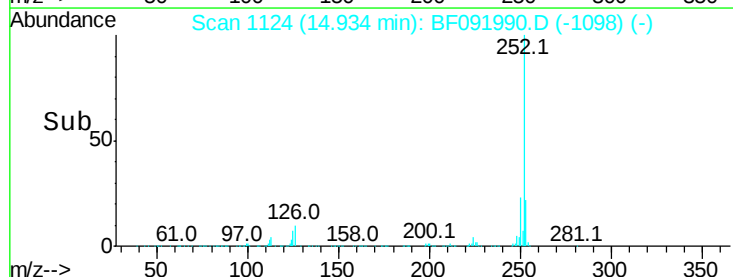
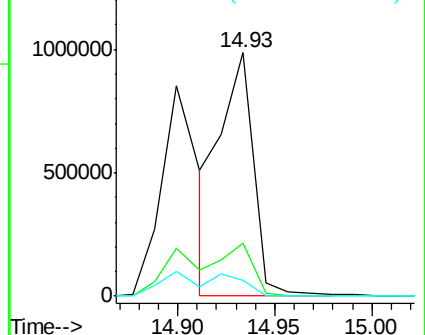
125 6.5 8.9 13.3#

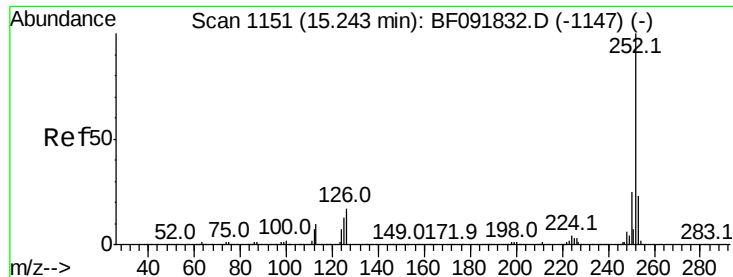


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

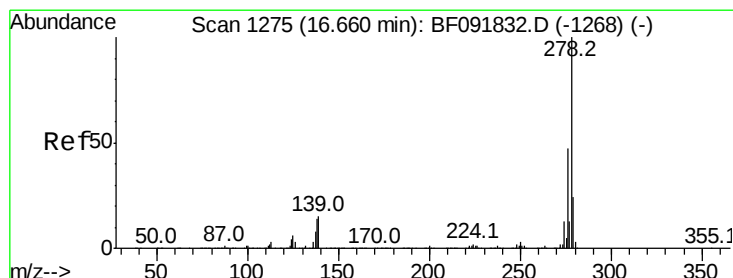
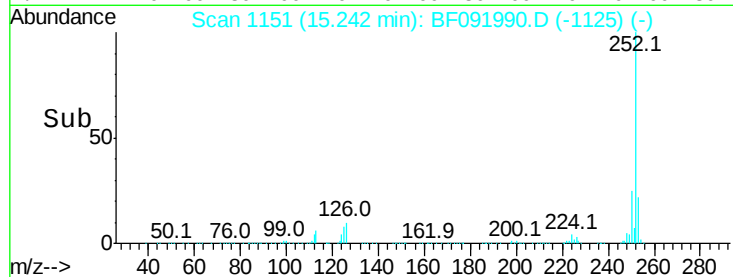
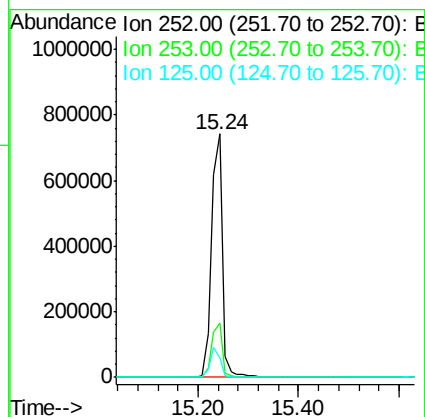
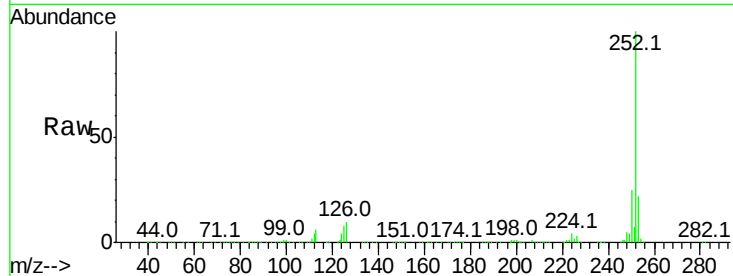




#89
Benzo(a)pyrene
Concen: 43.68 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

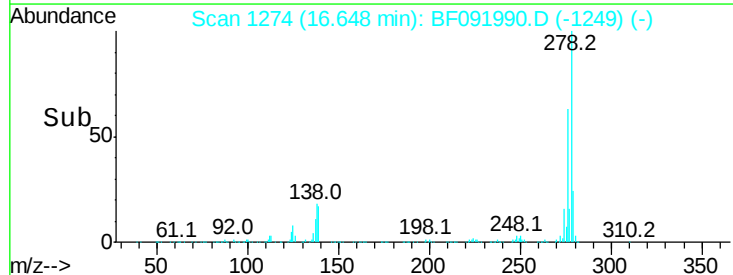
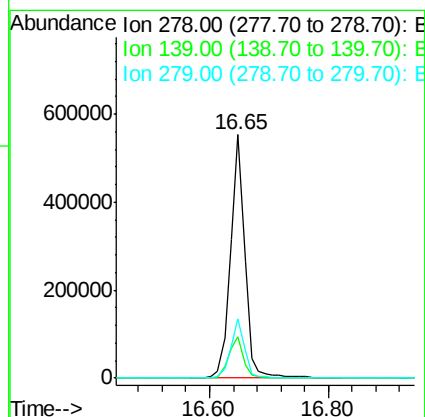
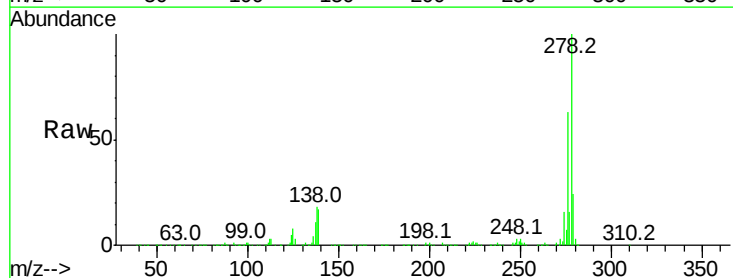
Instrument :
BNA_F
ClientSampleId :
PB95631BS

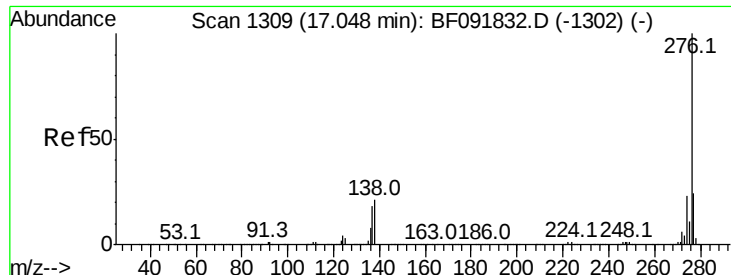
Tot Ion:252 Resp: 1104314
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 8.2 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 44.62 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF091990.D
Acq: 28 Dec 2016 3:39

Tgt Ion:278 Resp: 927282
Ion Ratio Lower Upper
278 100
139 17.0 14.8 22.2
279 24.4 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 43.91 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF091990.D

Acq: 28 Dec 2016 3:39

Instrument :

BNA_F

ClientSampleId :

PB95631BS

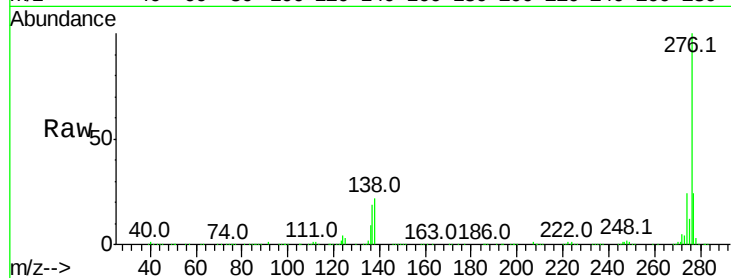
Tot Ion: 276 Resp: 948730

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 22.0 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

