

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091944.D
 Acq On : 24 Dec 2016 1:58
 Operator : UM/SJ
 Sample : PB95595BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Quant Time: Dec 24 03:33:06 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	6.74	152	204536	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	872525	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	432249	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	629161	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	394273	20.00	ng	-0.01
86) Perylene-d12	15.29	264	402564	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1778488	145.19	ng	0.05
7) Phenol-d6	6.43	99	2138022	142.96	ng	0.02
23) Nitrobenzene-d5	7.31	82	1415401	90.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	479853	134.14	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2147534	104.80	ng	-0.01
78) Terphenyl-d14	12.84	244	1522048	93.62	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.35	88	300626	49.85	ng	98
3) Pyridine	3.02	79	908297	43.15	ng	100
4) n-Nitrosodimethylamine	3.00	42	389254	49.03	ng	97
6) Aniline	6.42	93	314261	16.18	ng	# 59
8) 2-Chlorophenol	6.54	128	663777	47.64	ng	98
9) Benzaldehyde	6.28	77	92936	8.34	ng	97
10) Phenol	6.44	94	707344	41.50	ng	85
11) bis(2-Chloroethyl)ether	6.49	93	700949	51.69	ng	96
12) 1,3-Dichlorobenzene	6.68	146	691959	46.52	ng	# 95
13) 1,4-Dichlorobenzene	6.76	146	702300	46.39	ng	95
14) 1,2-Dichlorobenzene	6.91	146	569397	43.34	ng	97
15) Benzyl Alcohol	6.90	79	463300	39.87	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.02	45	904574	44.80	ng	89
17) 2-Methylphenol	7.05	107	559752	49.95	ng	95
18) Hexachloroethane	7.25	117	260377	46.39	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	543951	54.67	ng	92
20) 3+4-Methylphenols	7.20	107	754411	56.44	ng	# 71
22) Acetophenone	7.16	105	998250	46.38	ng	# 89
24) Nitrobenzene	7.33	77	765120	45.78	ng	96
25) Isophorone	7.57	82	1242271	42.91	ng	96
26) 2-Nitrophenol	7.65	139	360013	43.68	ng	# 80
27) 2,4-Dimethylphenol	7.71	122	537776	39.34	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	884172	50.37	ng	99
29) 2,4-Dichlorophenol	7.90	162	541608	46.79	ng	85
30) 1,2,4-Trichlorobenzene	7.97	180	570335	44.96	ng	96
31) Naphthalene	8.05	128	1919534	48.07	ng	99
32) Benzoic acid	7.87	122	363253	35.83	ng	91
33) 4-Chloroaniline	8.13	127	132701	7.37	ng	97
34) Hexachlorobutadiene	8.17	225	305968	45.70	ng	100
35) Caprolactam	8.49	113	158519	41.67	ng	# 65
36) 4-Chloro-3-methylphenol	8.62	107	577976	43.39	ng	99
37) 2-Methylnaphthalene	8.74	142	1163057	50.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	538331	49.29	ng	99
40) Hexachlorocyclopentadiene	8.90	237	314201	65.37	ng	98

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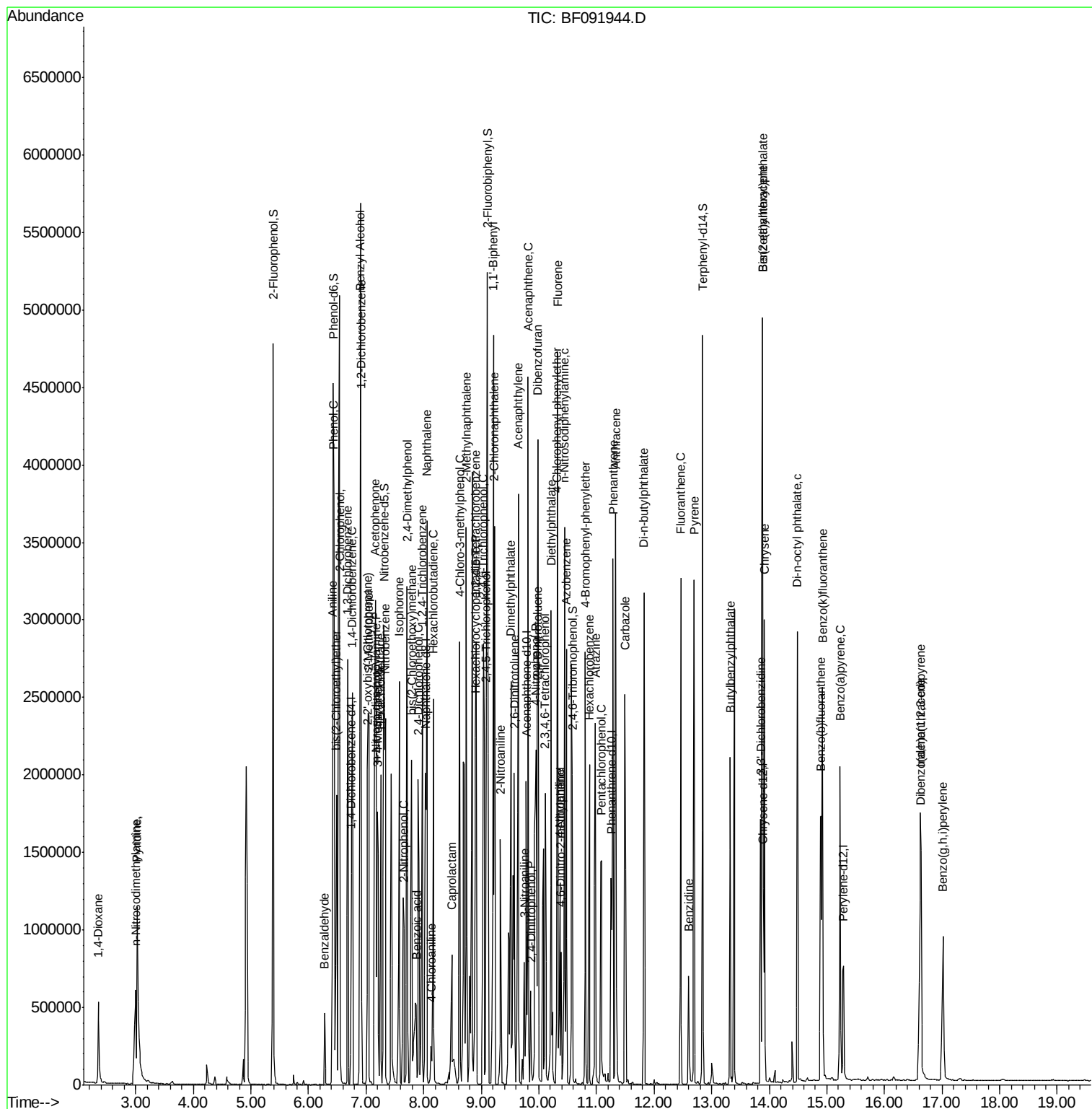
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42) 2,4,6-Trichlorophenol	9.04	196	349207	45.72	nq	98
43) 2,4,5-Trichlorophenol	9.08	196	325203	41.37	nq	95
45) 1,1'-Biphenyl	9.21	154	1473917	49.80	nq	99
46) 2-Chloronaphthalene	9.23	162	1074957	45.86	nq	96
47) 2-Nitroaniline	9.33	65	323564	38.77	nq	98
48) Acenaphthylene	9.64	152	1581264	43.87	nq	99
49) Dimethylphthalate	9.52	163	1318932	47.71	nq	99
50) 2,6-Dinitrotoluene	9.57	165	250923	41.47	nq	# 63
51) Acenaphthene	9.81	154	1014245	41.50	nq	99
52) 3-Nitroaniline	9.74	138	123674	16.52	nq	98
53) 2,4-Dinitrophenol	9.86	184	122636	36.42	nq	96
54) Dibenzofuran	9.98	168	1347409	40.83	nq	96
55) 4-Nitrophenol	9.95	139	348872m	68.61	nq	
56) 2,4-Dinitrotoluene	9.97	165	343402	45.22	nq	# 78
57) Fluorene	10.33	166	1086600	45.25	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	255722	41.14	nq	99
59) Diethylphthalate	10.21	149	1291296	48.10	nq	98
60) 4-Chlorophenyl-phenylether	10.32	204	484325	46.07	nq	97
61) 4-Nitroaniline	10.36	138	231771	29.87	nq	99
62) Azobenzene	10.48	77	1296313	43.85	nq	99
64) 4,6-Dinitro-2-methylphenol	10.38	198	108391	28.49	nq	# 59
65) n-Nitrosodiphenylamine	10.44	169	930364	49.83	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	316673	48.39	nq	98
67) Hexachlorobenzene	10.88	284	344685	49.27	nq	98
68) Atrazine	10.98	200	330647	54.90	nq	97
69) Pentachlorophenol	11.08	266	277539	80.85	nq	98
70) Phenanthrene	11.29	178	1630078	47.78	nq	99
71) Anthracene	11.33	178	1435942	48.93	nq	99
72) Carbazole	11.49	167	1283835	46.28	nq	98
73) Di-n-butylphthalate	11.82	149	1664334	52.14	nq	99
74) Fluoranthene	12.46	202	1289855	42.92	nq	97
76) Benzidine	12.60	184	475012	48.08	nq	97
77) Pyrene	12.69	202	1331284	46.02	nq	99
79) Butylbenzylphthalate	13.32	149	664450	50.50	nq	# 79
80) Benzo(a)anthracene	13.88	228	1012023	45.47	nq	99
81) 3,3'-Dichlorobenzidine	13.85	252	362138	42.91	nq	# 95
82) Chrysene	13.92	228	1019033	45.65	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	809726	52.26	nq	# 97
84) Di-n-octyl phthalate	14.49	149	1354515	47.19	nq	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	976026	50.47	nq	99
87) Benzo(b)fluoranthene	14.90	252	1277669m	50.98	nq	
88) Benzo(k)fluoranthene	14.92	252	836302m	39.13	nq	
89) Benzo(a)pyrene	15.23	252	1019233	45.82	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	814693	44.56	nq	96
91) Benzo(g,h,i)perylene	17.01	276	788297	41.46	nq	# 95

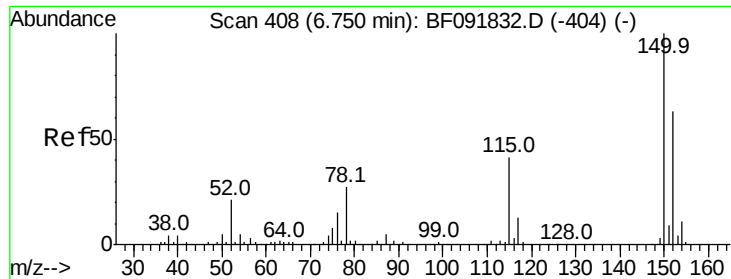
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 27    Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

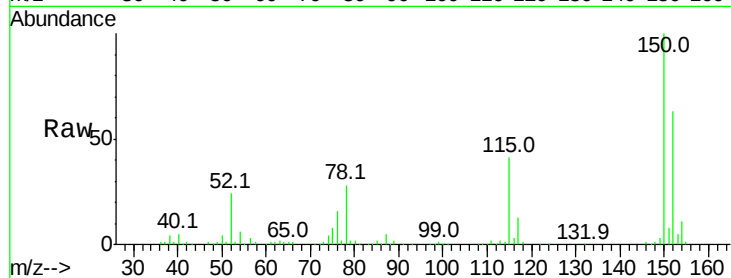
Tot Ion:152 Resp: 204536

Ion Ratio Lower Upper

152 100

150 158.3 124.9 187.3

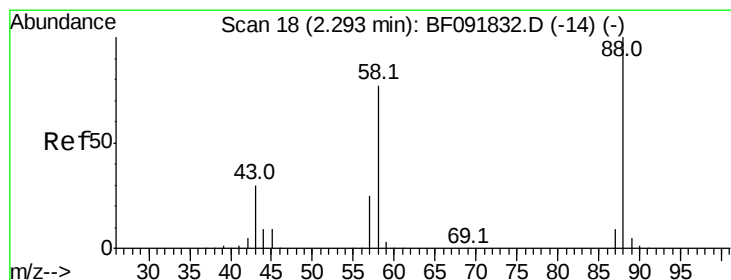
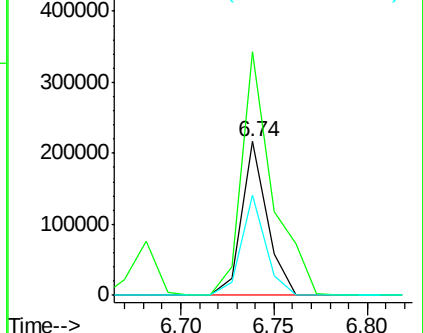
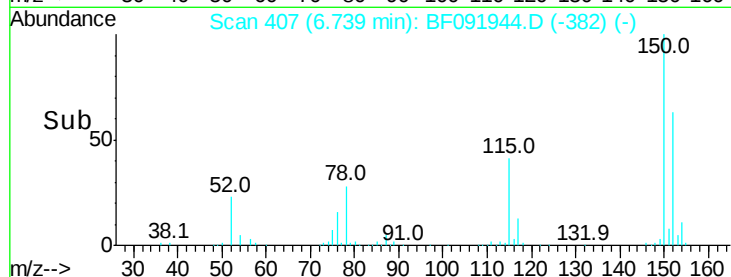
115 65.2 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 49.85 ng

RT: 2.35 min Scan# 23

Delta R.T. 0.06 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

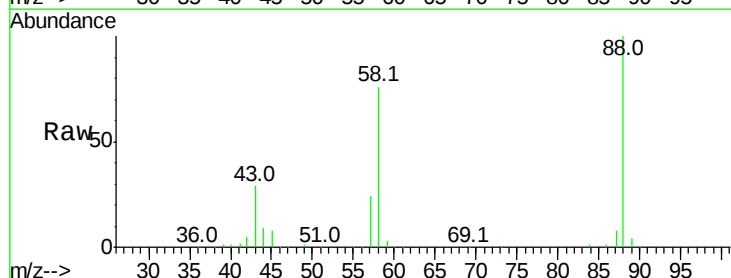
Tgt Ion: 88 Resp: 300626

Ion Ratio Lower Upper

88 100

58 74.1 57.8 86.8

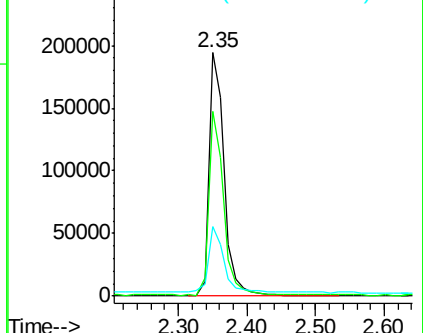
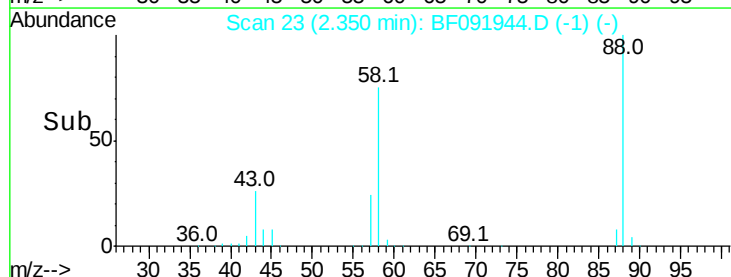
43 28.1 22.3 33.5

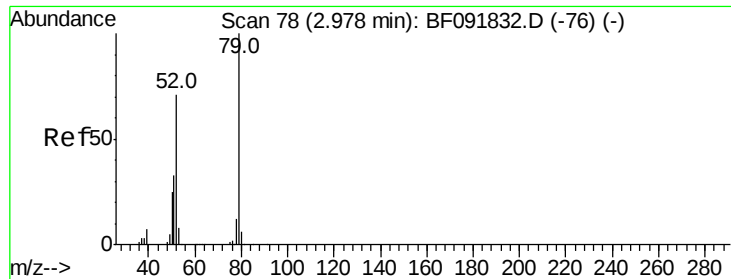


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

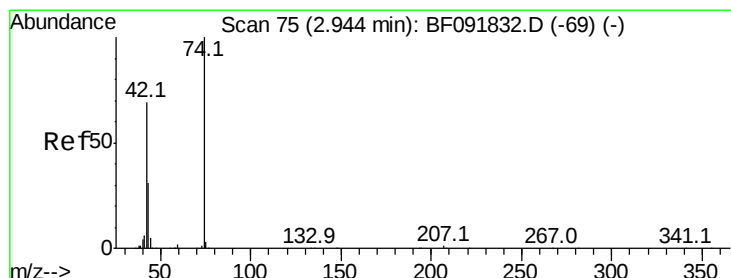
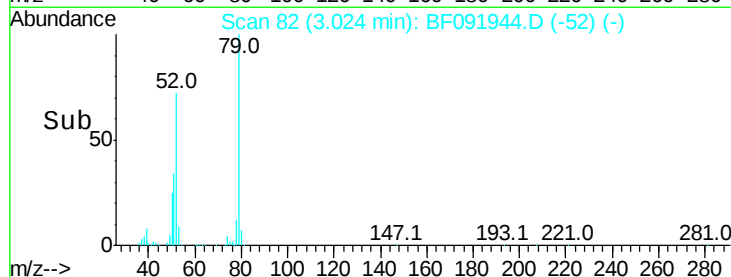
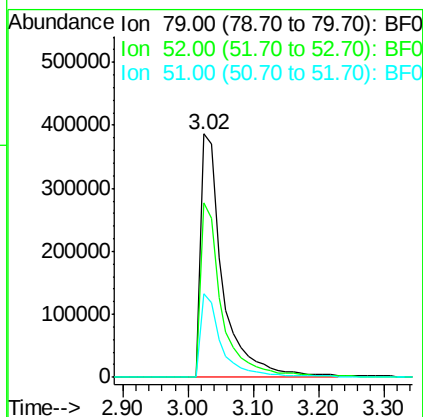
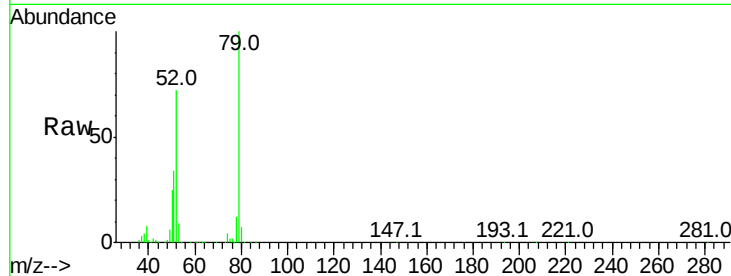




#3
 Pvridine
 Concen: 43.15 ng
 RT: 3.02 min Scan# 82
 Delta R.T. 0.05 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

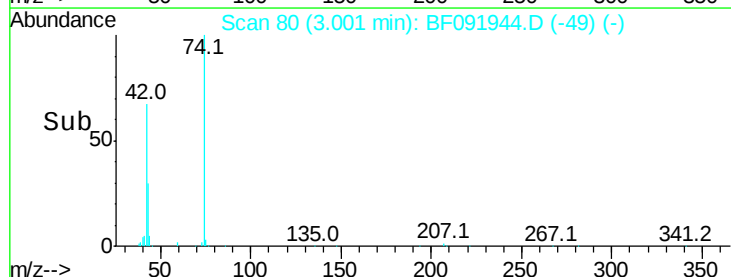
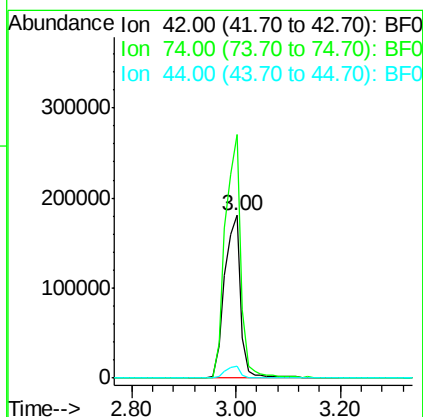
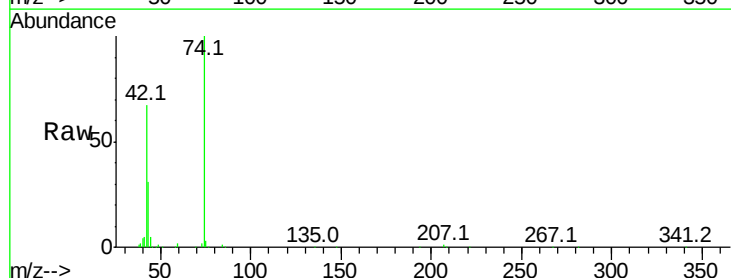
Instrument :
 BNA_F
 ClientSampleId :
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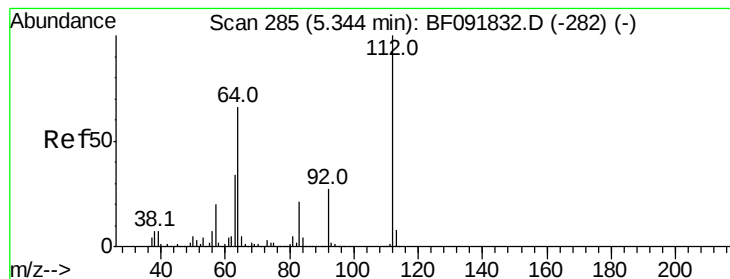
Tot Ion: 79 Resp: 908297
 Ion Ratio Lower Upper
 79 100
 52 71.9 57.1 85.7
 51 34.1 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 49.03 ng
 RT: 3.00 min Scan# 80
 Delta R.T. 0.06 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion: 42 Resp: 389254
 Ion Ratio Lower Upper
 42 100
 74 149.8 117.0 175.4
 44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 145.19 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

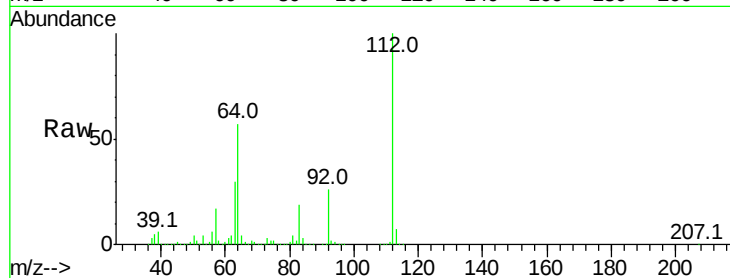
Tot Ion:112 Resp: 1778488

Ion Ratio Lower Upper

112 100

64 57.0 46.1 69.1

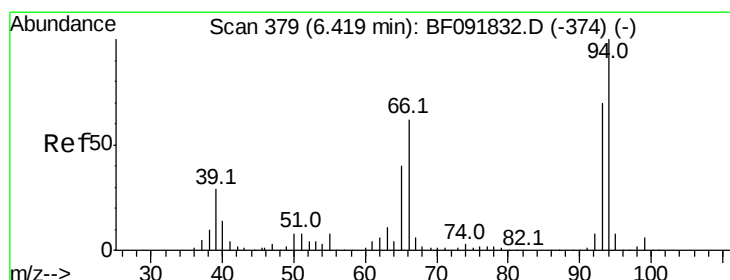
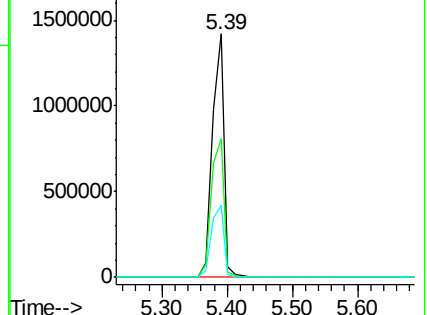
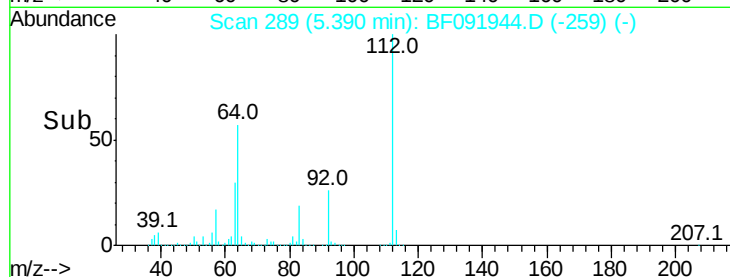
63 29.5 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.18 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

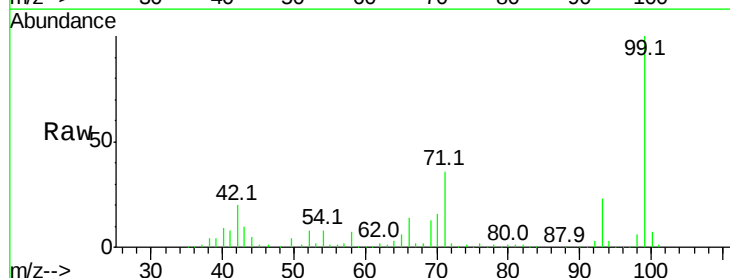
Tgt Ion: 93 Resp: 314261

Ion Ratio Lower Upper

93 100

66 59.8 76.2 114.2#

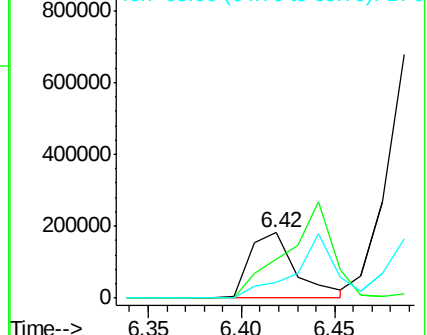
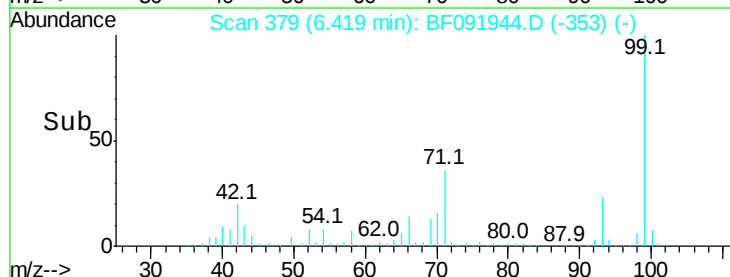
65 23.9 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.96 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

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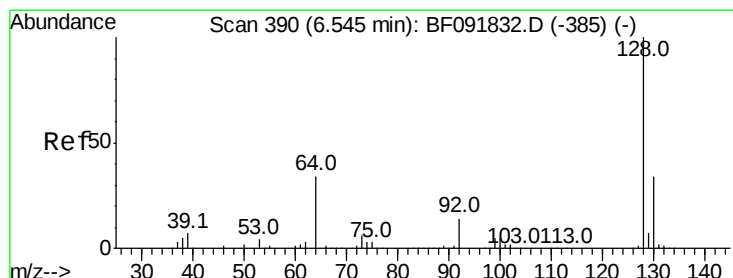
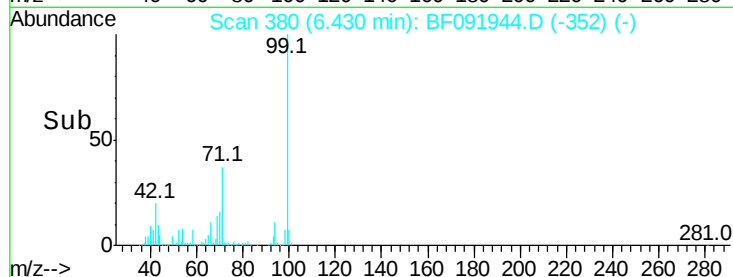
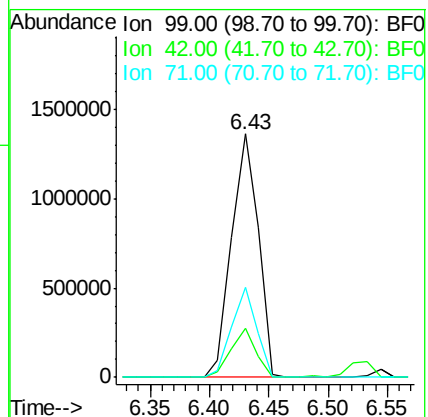
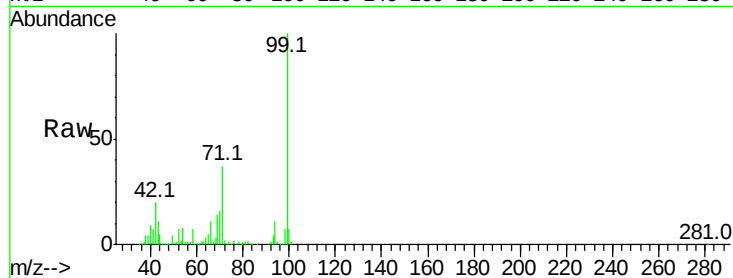
Tot Ion: 99 Resp: 2138022

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

71 36.8 27.5 41.3



#8

2-Chlorophenol

Concen: 47.64 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

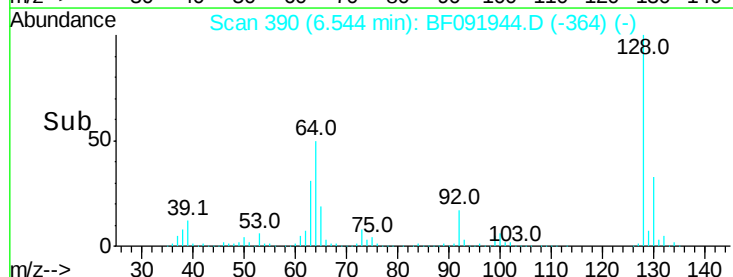
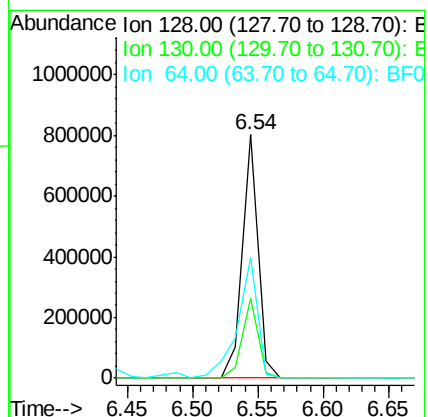
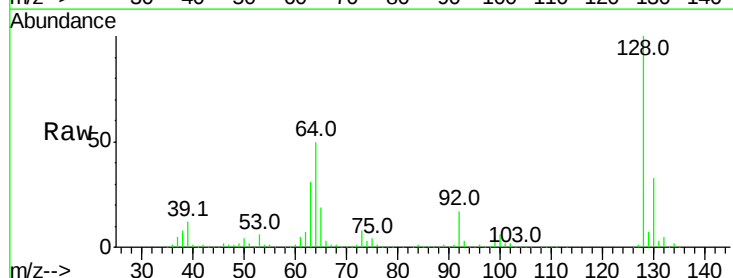
Tgt Ion: 128 Resp: 663777

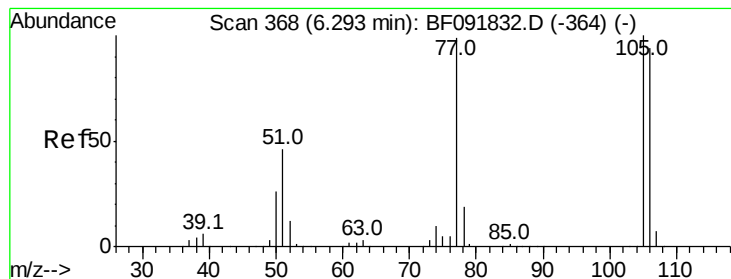
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 49.8 32.2 72.2





#9

Benzaldehyde

Concen: 8.34 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

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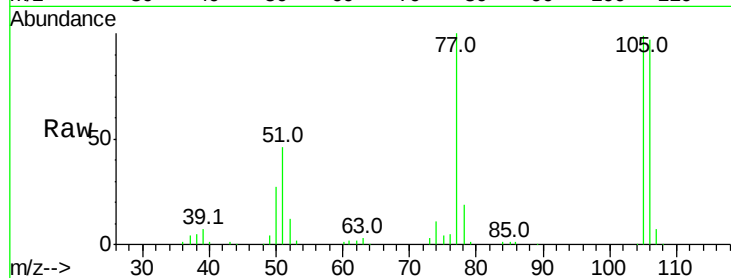
Tot Ion: 77 Resp: 92936

Ion Ratio Lower Upper

77 100

105 98.6 83.9 123.9

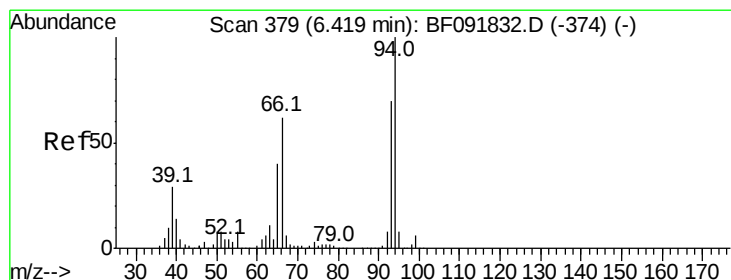
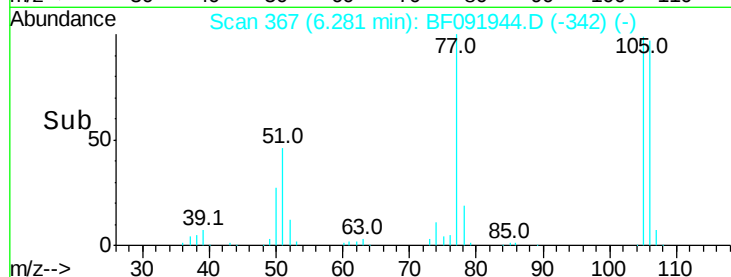
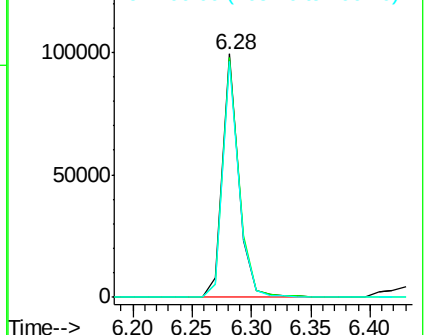
106 96.9 77.6 117.6



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: 41.50 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.02 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

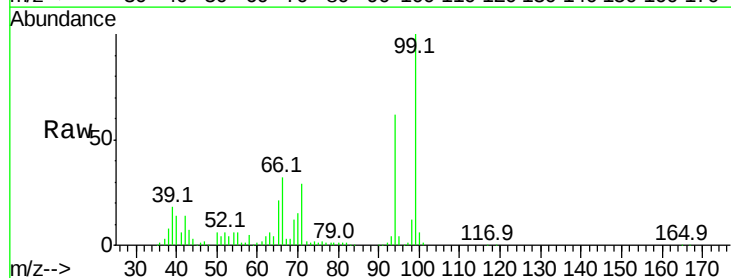
Tgt Ion: 94 Resp: 707344

Ion Ratio Lower Upper

94 100

65 34.2 21.4 61.4

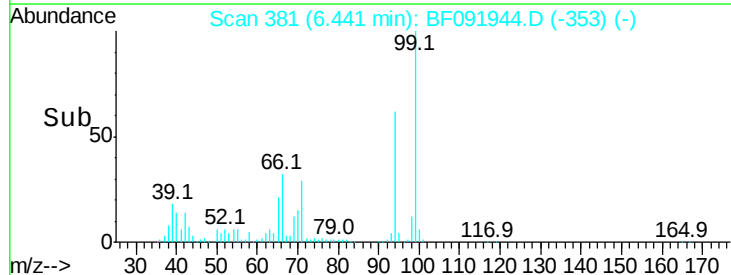
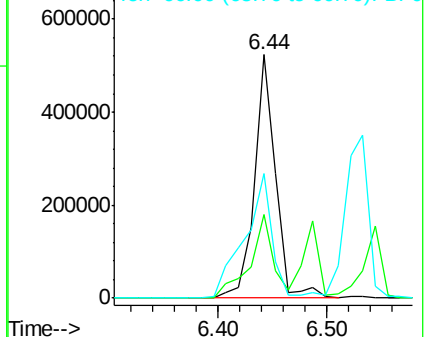
66 51.1 44.0 84.0

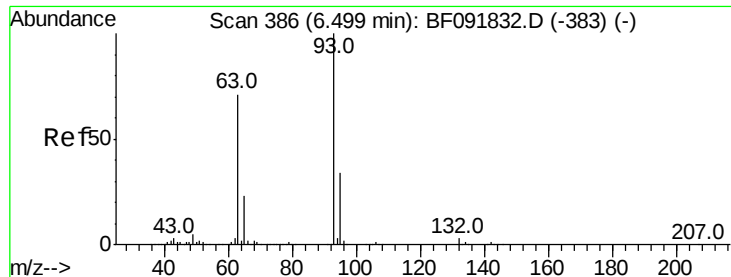


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

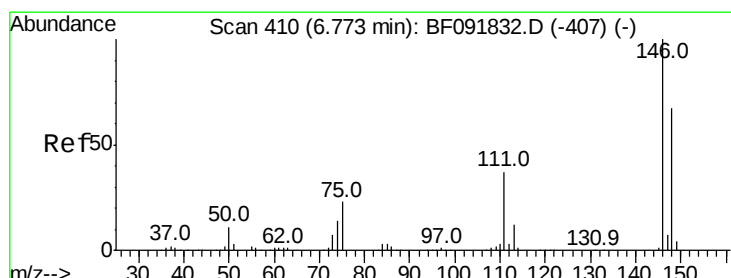
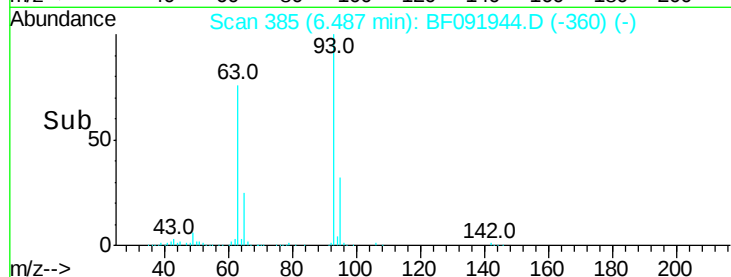
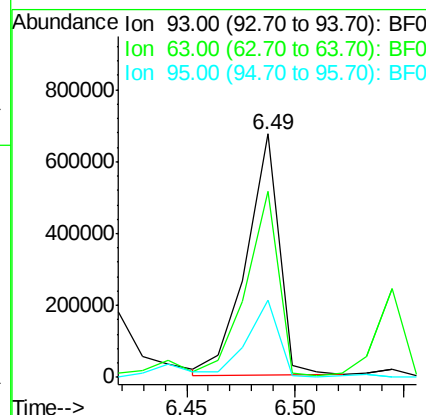
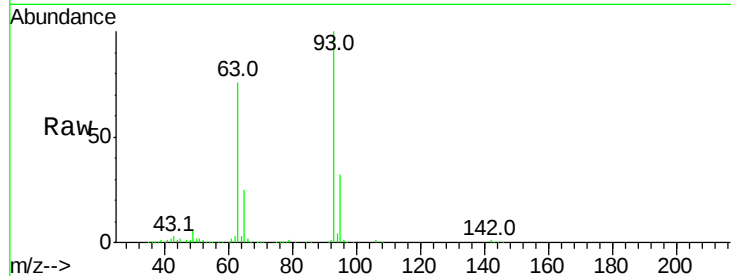




#11
bis(2-Chloroethyl)ether
Concen: 51.69 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

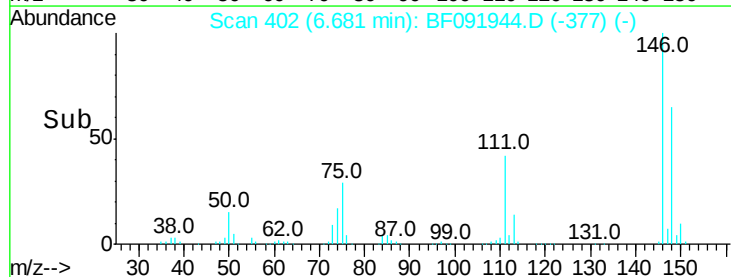
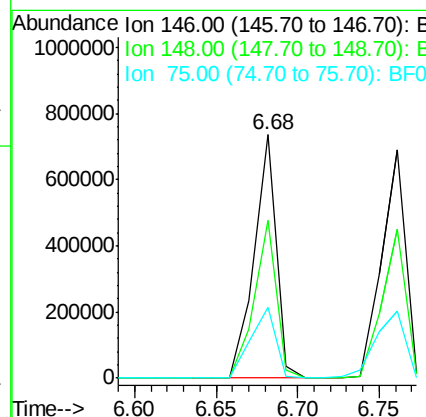
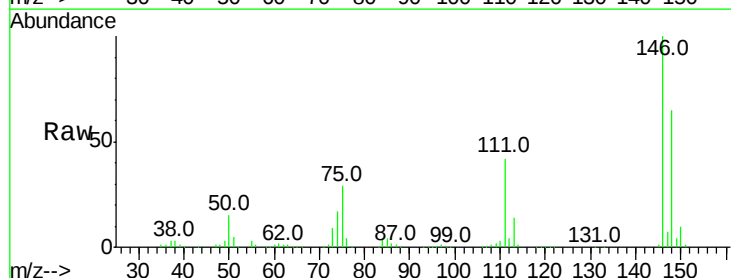
Instrument :
BNA_F
ClientSampleId :
PB95595BS

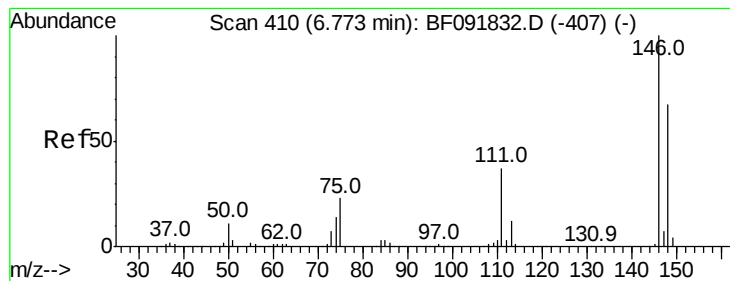
Tot Ion: 93 Resp: 700949
Ion Ratio Lower Upper
93 100
63 76.4 60.4 100.4
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 46.52 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion: 146 Resp: 691959
Ion Ratio Lower Upper
146 100
148 64.9 53.4 80.0
75 29.1 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 46.39 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

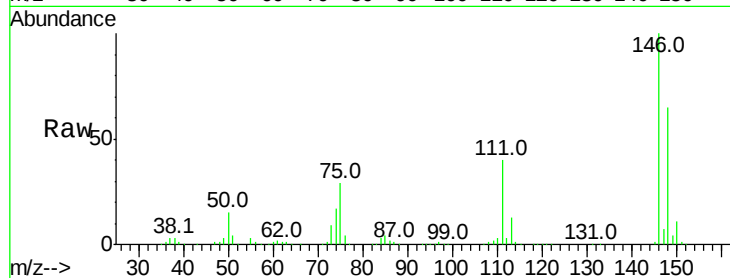
Tot Ion:146 Resp: 702300

Ion Ratio Lower Upper

146 100

148 65.4 50.6 76.0

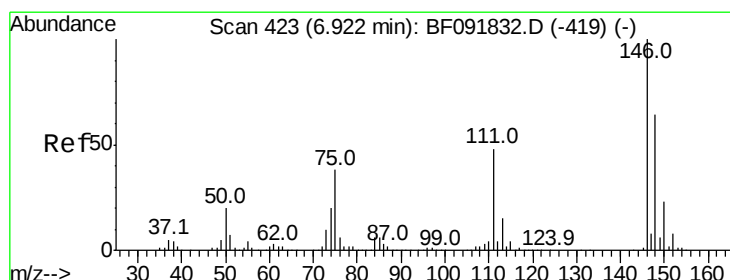
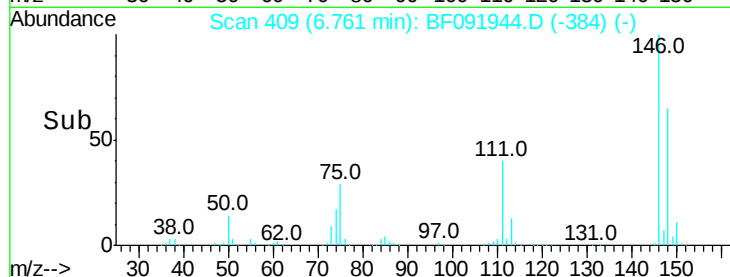
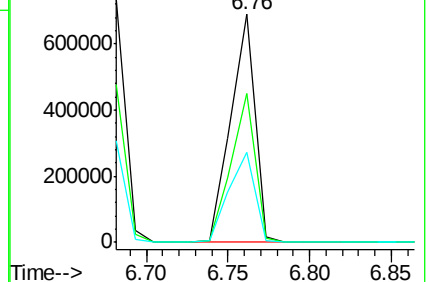
111 39.8 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.34 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

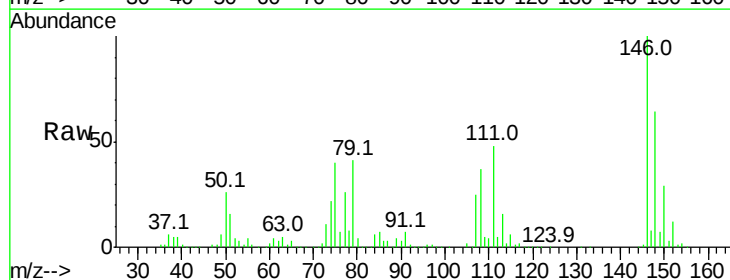
Tgt Ion:146 Resp: 569397

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

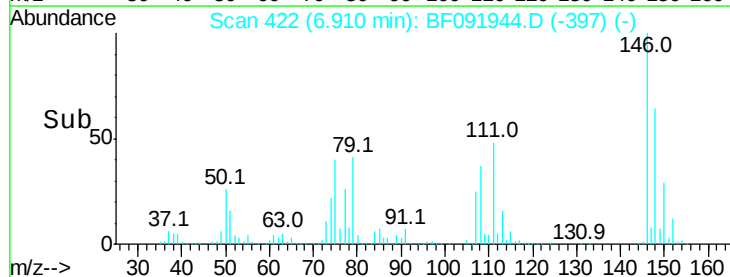
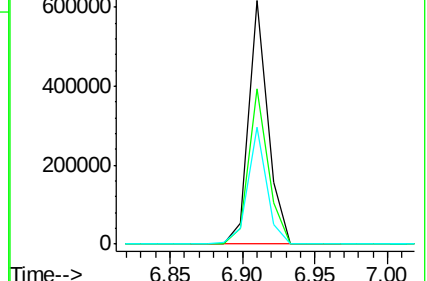
111 47.9 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.87 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleID :

PB95595BS

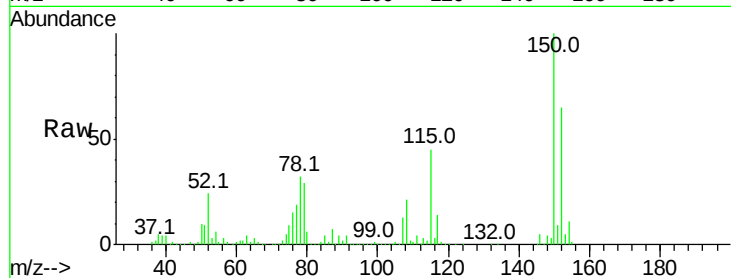
Tot Ion: 79 Resp: 463300

Ion Ratio Lower Upper

79 100

108 71.6 61.4 92.0

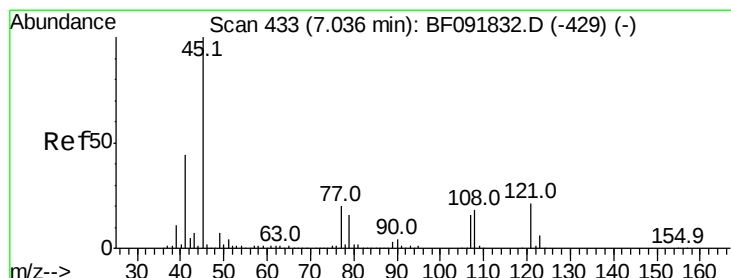
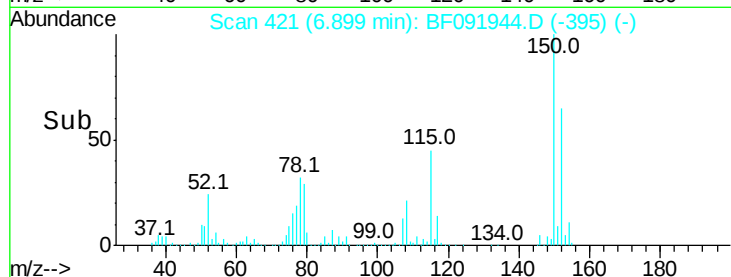
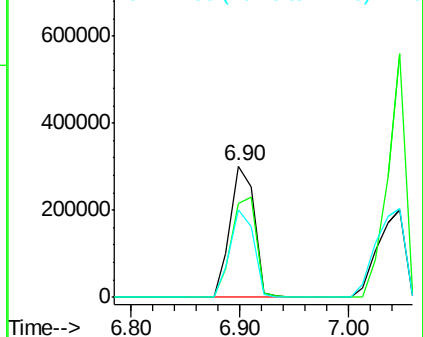
77 67.0 50.9 76.3



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: 44.80 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

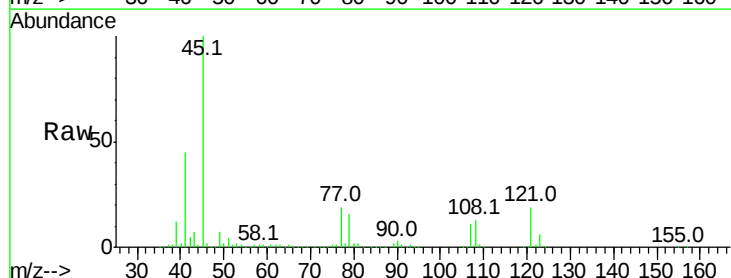
Tgt Ion: 45 Resp: 904574

Ion Ratio Lower Upper

45 100

77 18.5 0.0 34.6

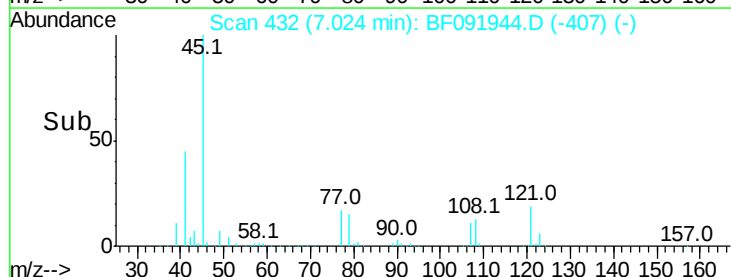
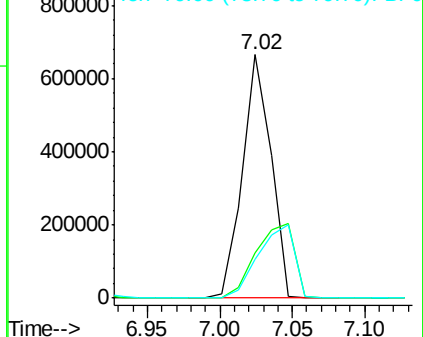
79 15.9 0.0 31.2

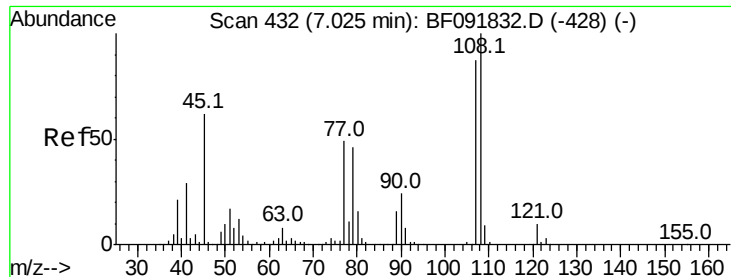


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 49.95 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.02 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

Tot Ion:107 Resp: 559752

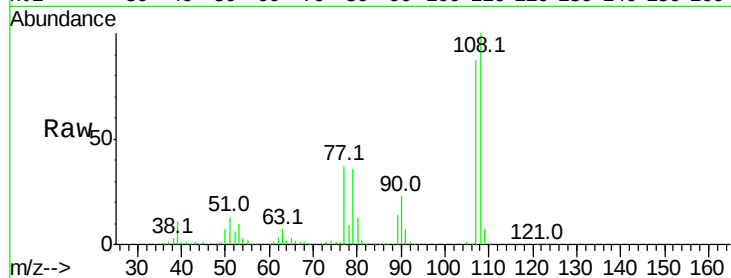
Ion Ratio Lower Upper

107 100

108 115.6 93.0 139.6

77 42.3 39.8 59.8

79 41.7 38.0 57.0

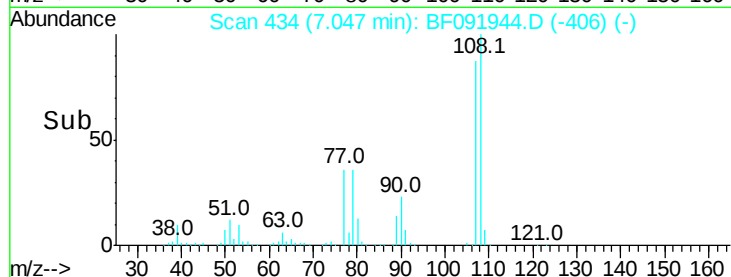


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

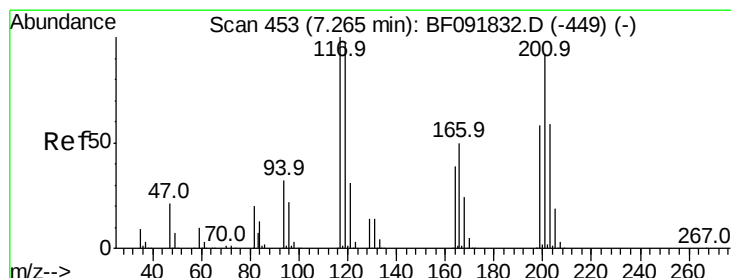
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->

7.05



#18

Hexachloroethane

Concen: 46.39 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

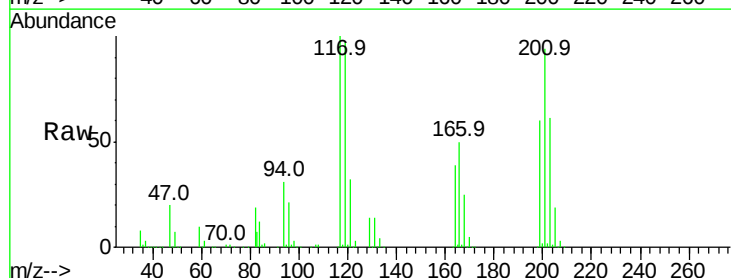
Tgt Ion:117 Resp: 260377

Ion Ratio Lower Upper

117 100

119 96.9 78.1 117.1

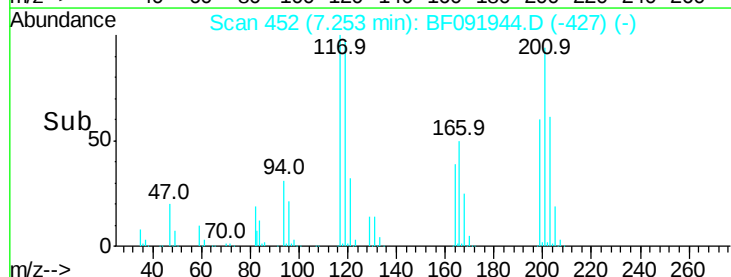
201 93.7 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E

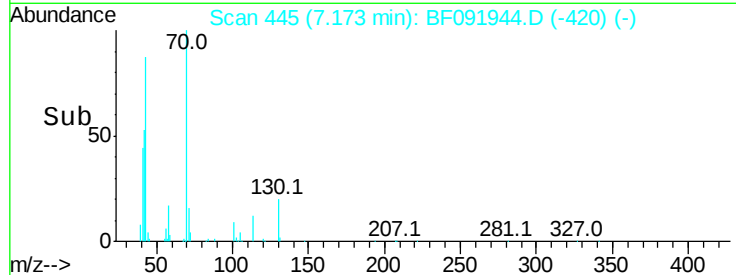
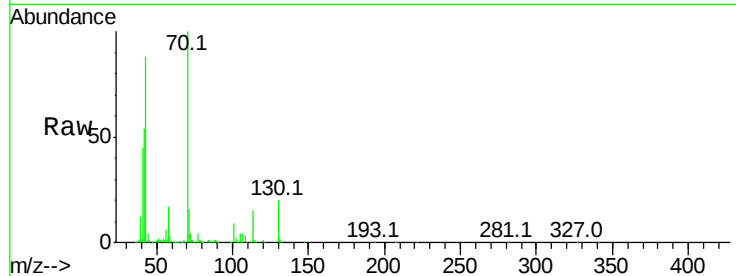
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->

7.25



#19

n-Nitroso-di-n-propylamine

Concen: 54.67 ng

RT: 7.17 min Scan# 445

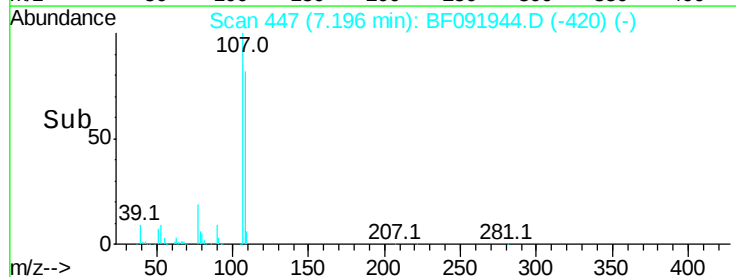
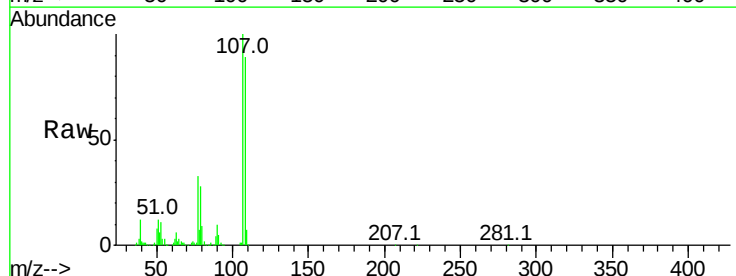
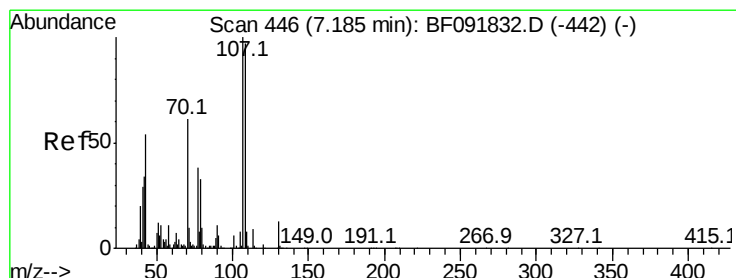
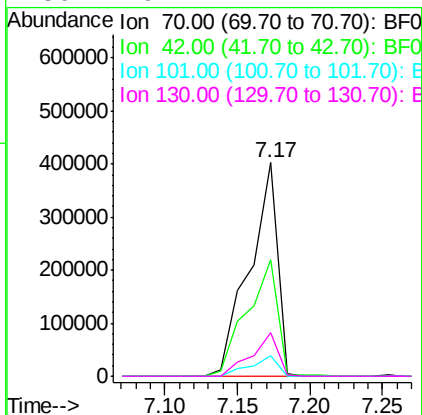
Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
PB95595BS

Tot Ion:	70	Resp:	543951
Ion	Ratio	Lower	Upper
70	100		
42	54.5	49.4	74.0
101	9.4	7.4	11.2
130	20.2	14.2	21.4



#20

3+4-Methylphenols

Concen: 56.44 ng

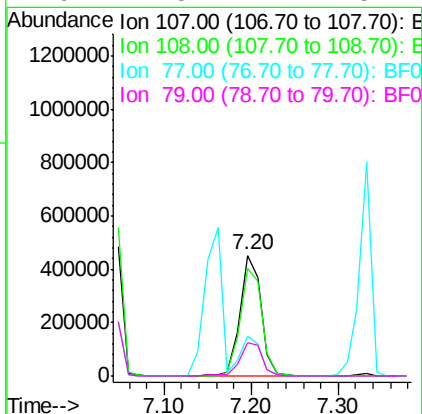
RT: 7.20 min Scan# 447

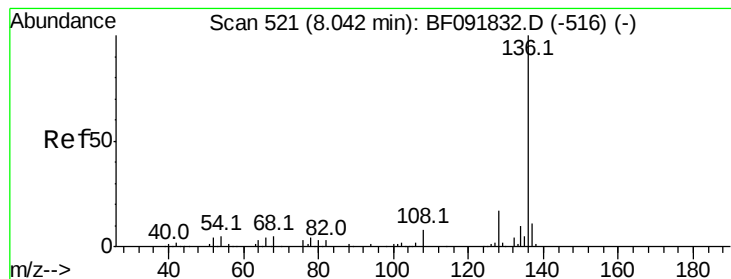
Delta R.T. 0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Tgt Ion:	107	Resp:	754411
Ion	Ratio	Lower	Upper
107	100		
108	89.1	73.0	113.0
77	32.8	71.3	111.3
79	27.8	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

Tot Ion:136 Resp: 872525

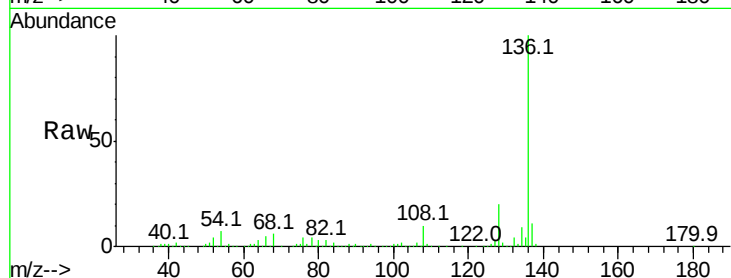
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 7.0 4.5 6.7#

68 5.6 3.6 5.4#



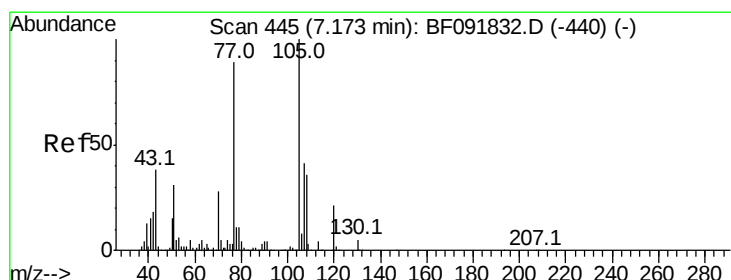
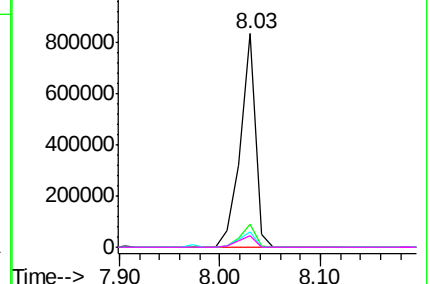
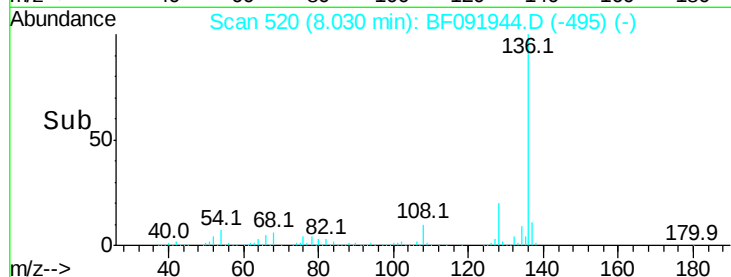
Abundance

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: 46.38 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Tgt Ion:105 Resp: 998250

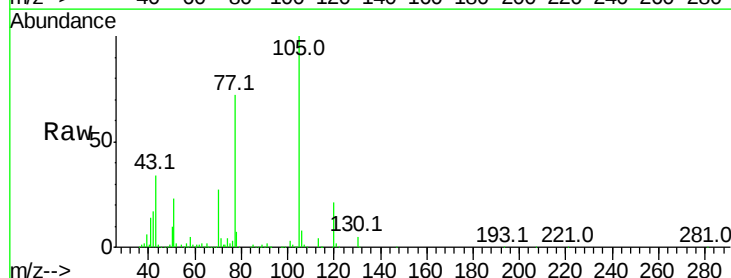
Ion Ratio Lower Upper

105 100

71 4.5 3.2 4.8

51 22.9 26.2 39.4#

120 21.5 16.6 24.8



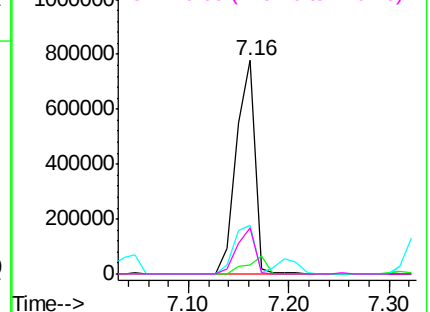
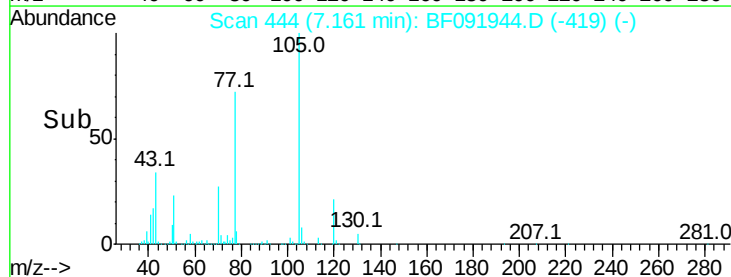
Abundance

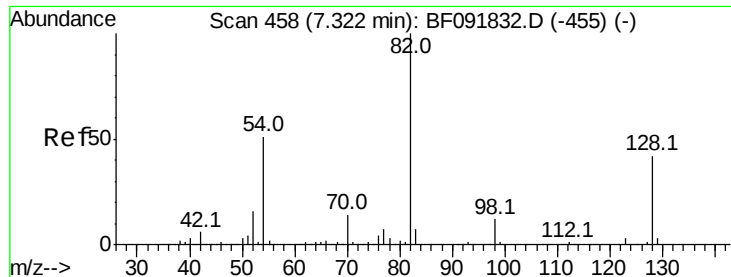
Ion 105.00 (104.70 to 105.70): E

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

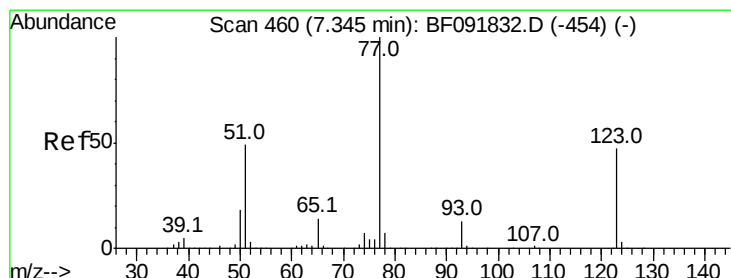
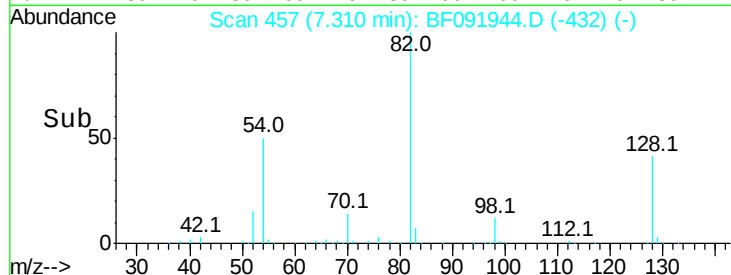
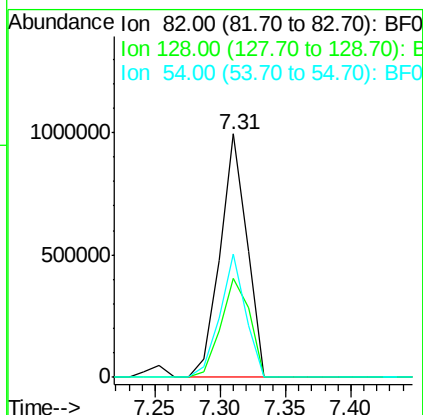
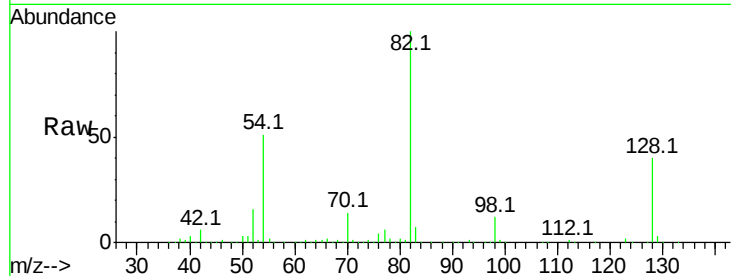




#23
Nitrobenzene-d5
Concen: 90.20 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

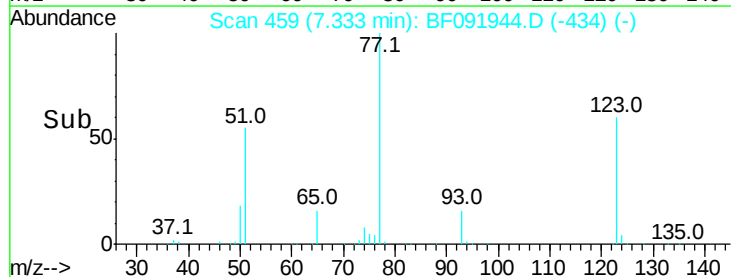
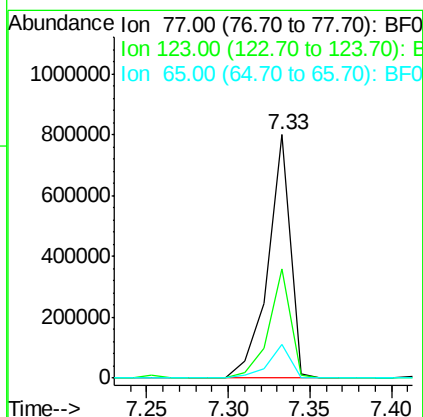
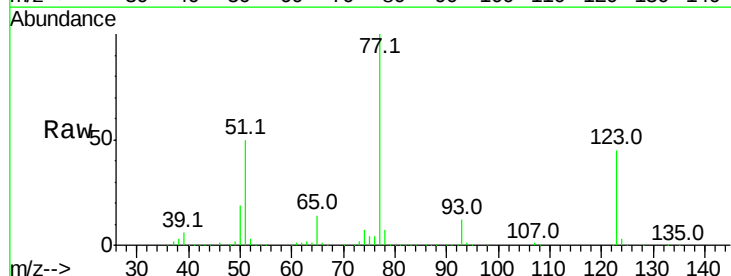
Instrument :
BNA_F
ClientSampleId :
PB95595BS

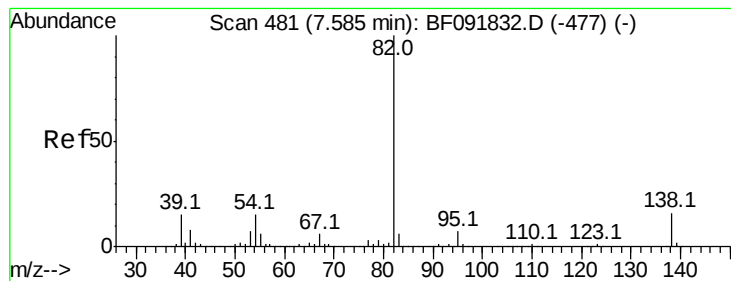
Tot Ion: 82 Resp: 1415401
Ion Ratio Lower Upper
82 100
128 40.5 34.6 52.0
54 50.8 39.5 59.3



#24
Nitrobenzene
Concen: 45.78 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion: 77 Resp: 765120
Ion Ratio Lower Upper
77 100
123 44.6 33.0 49.4
65 13.7 11.2 16.8





#25

Isophorone

Concen: 42.91 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

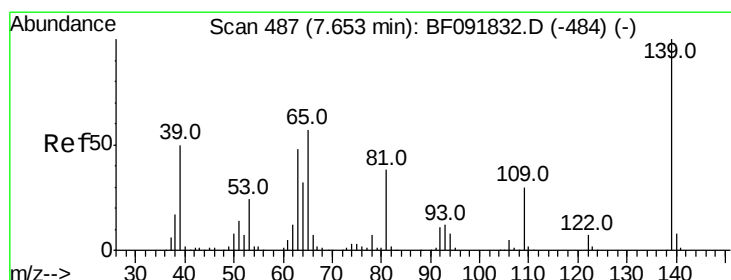
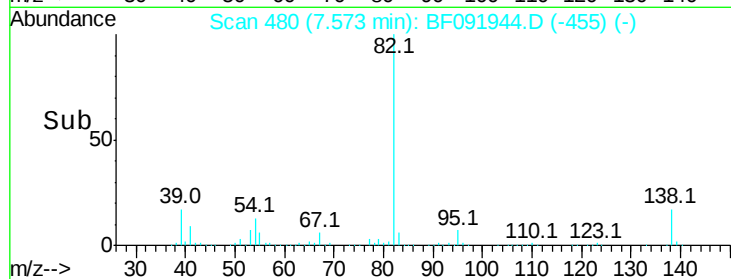
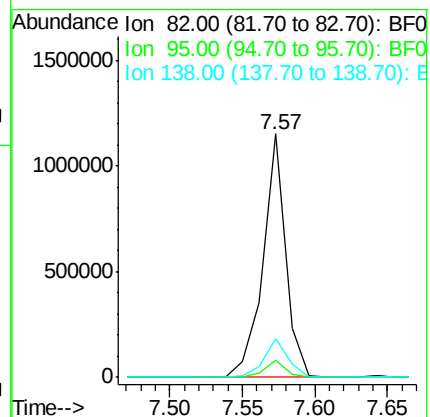
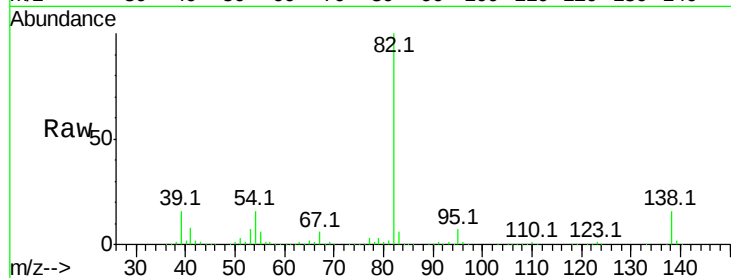
Tot Ion: 82 Resp: 1242271

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 15.7 14.6 22.0



#26

2-Nitrophenol

Concen: 43.68 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

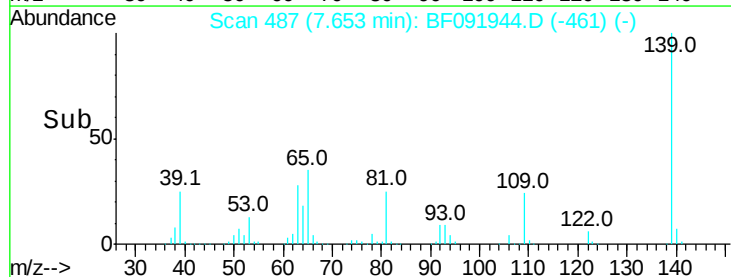
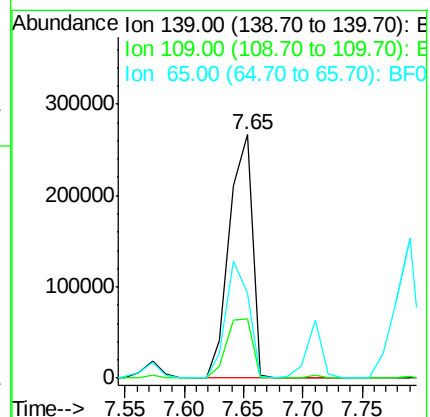
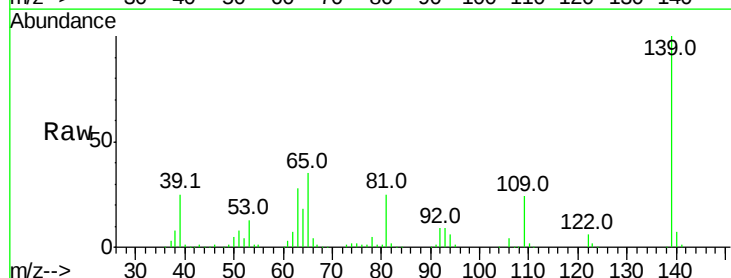
Tgt Ion: 139 Resp: 360013

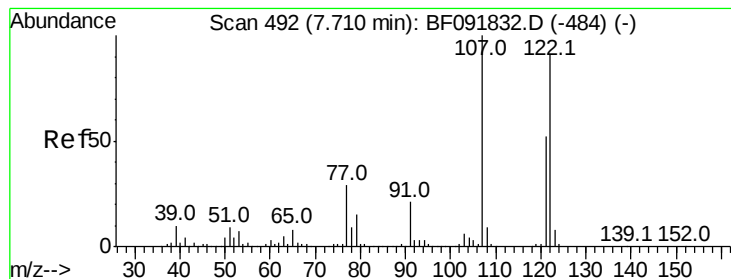
Ion Ratio Lower Upper

139 100

109 24.4 23.3 34.9

65 34.8 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 39.34 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

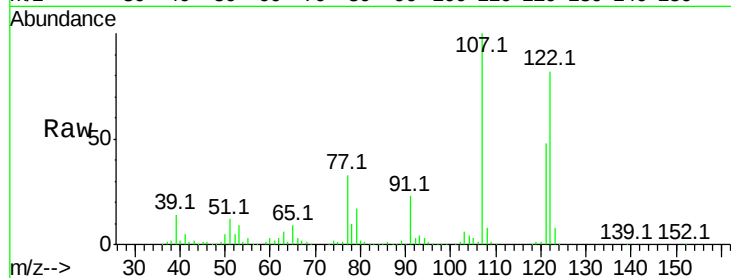
Tot Ion:122 Resp: 537776

Ion Ratio Lower Upper

122 100

107 122.1 94.1 141.1

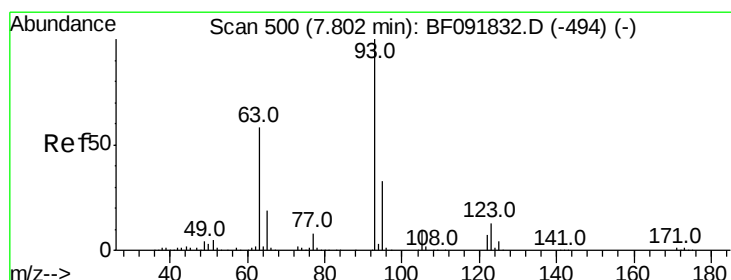
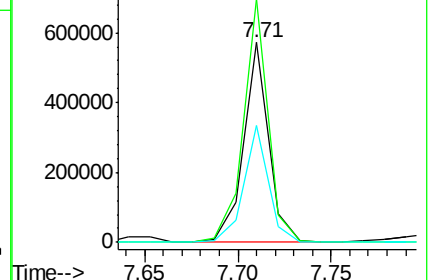
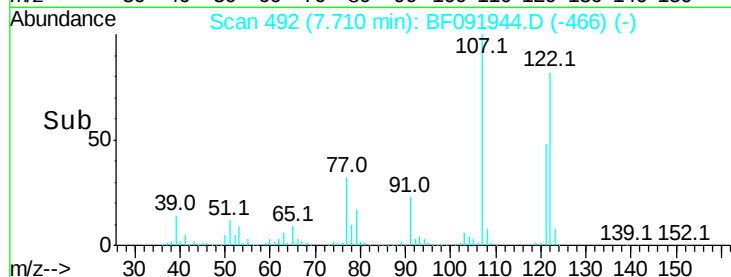
121 58.4 46.0 69.0



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: 50.37 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

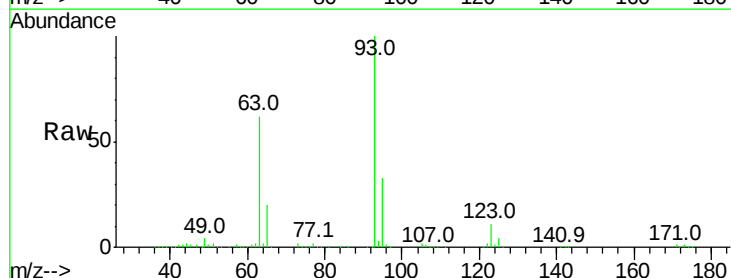
Tgt Ion: 93 Resp: 884172

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

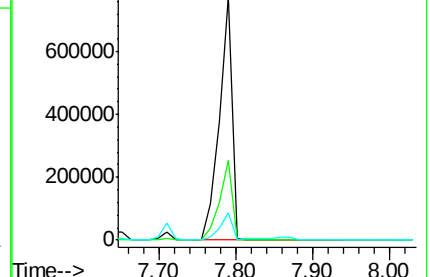
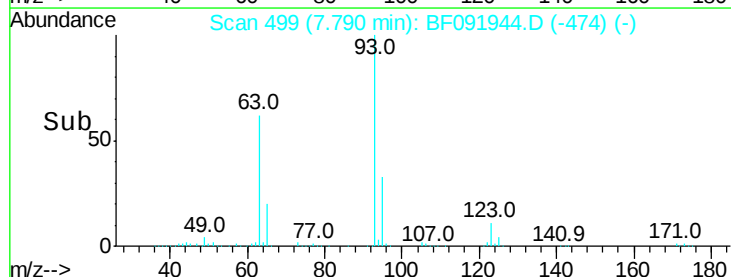
123 11.3 8.6 13.0

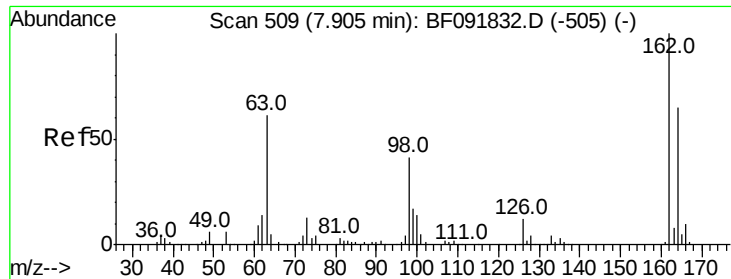


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

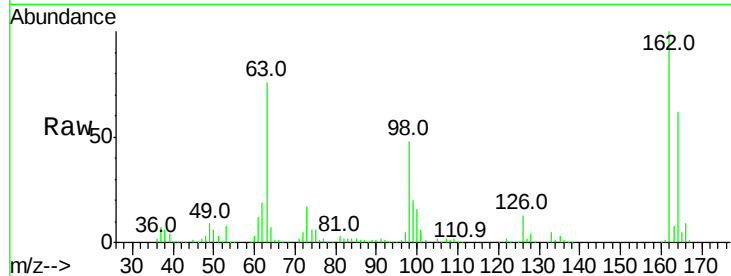




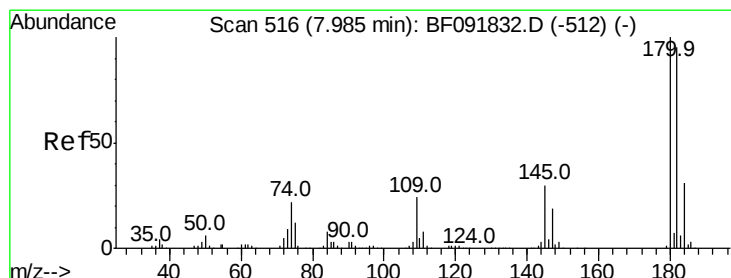
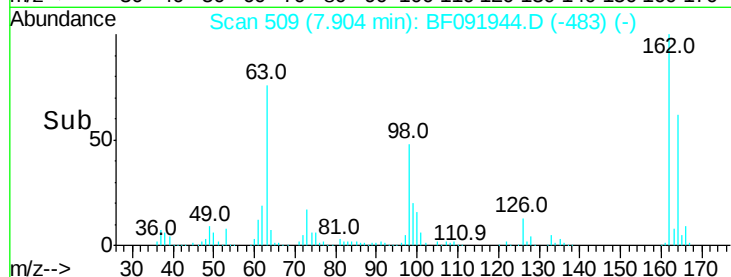
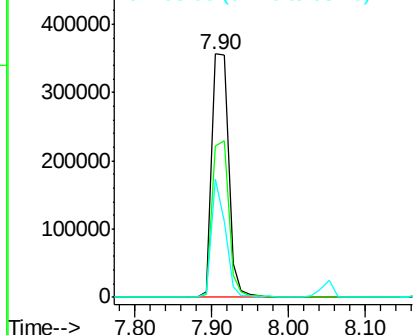
#29
 2,4-Dichlorophenol
 Concen: 46.79 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	46.8	86.8
98	48.4	9.1	49.1

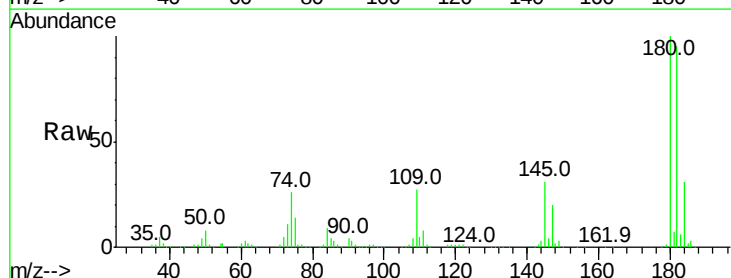


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

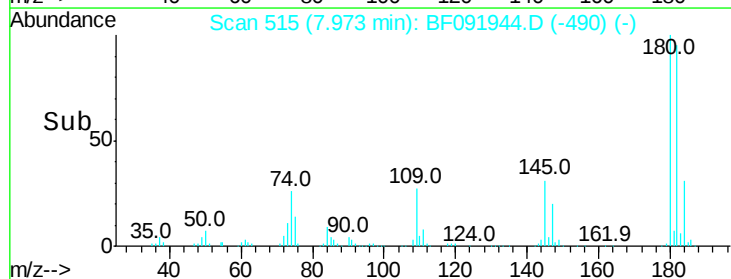
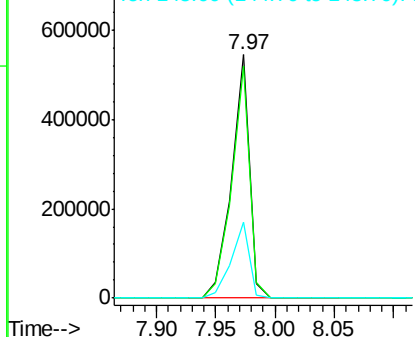


#30
 1,2,4-Trichlorobenzene
 Concen: 44.96 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	78.2	117.4
145	31.3	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: 48.07 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

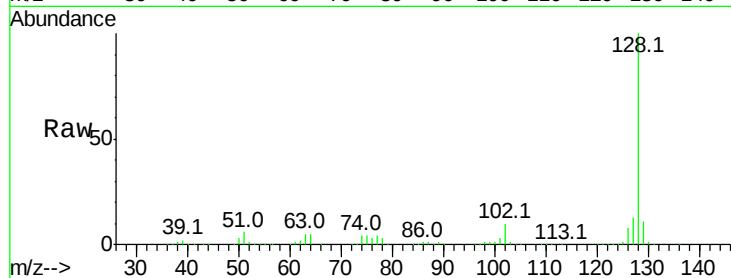
Tot Ion:128 Resp: 1919534

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

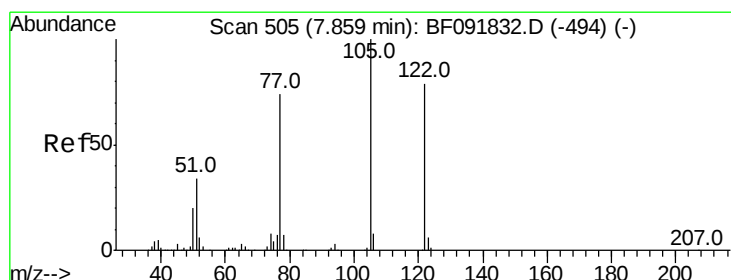
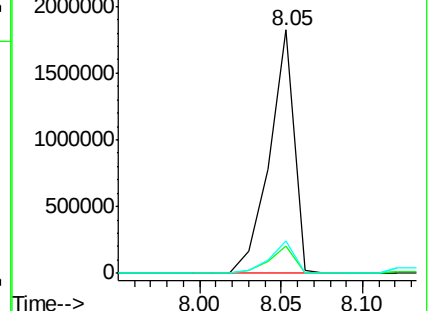
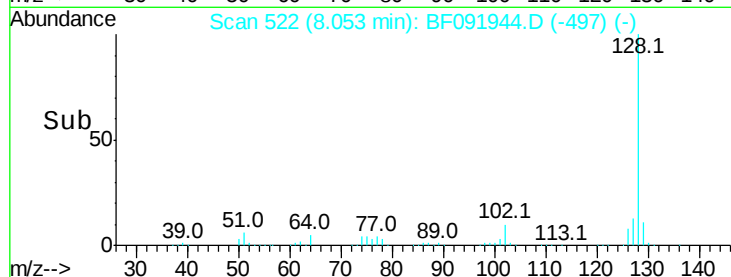
127 13.5 10.8 16.2



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: 35.83 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

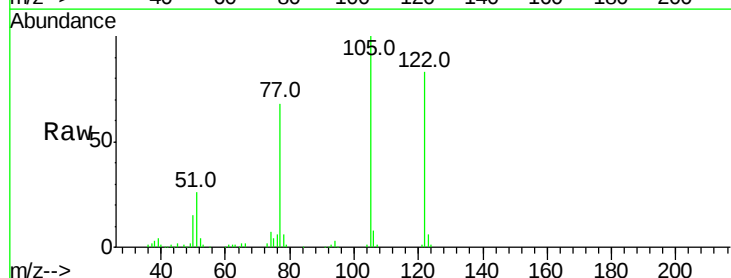
Tgt Ion:122 Resp: 363253

Ion Ratio Lower Upper

122 100

105 120.4 107.2 147.2

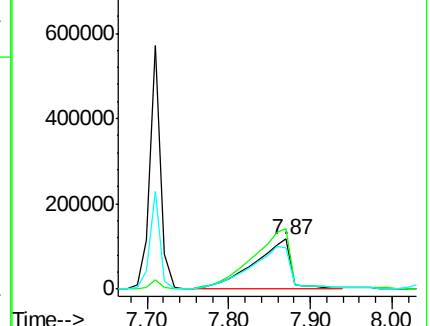
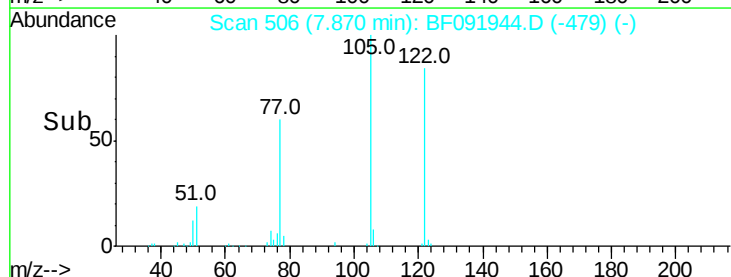
77 82.2 74.5 114.5

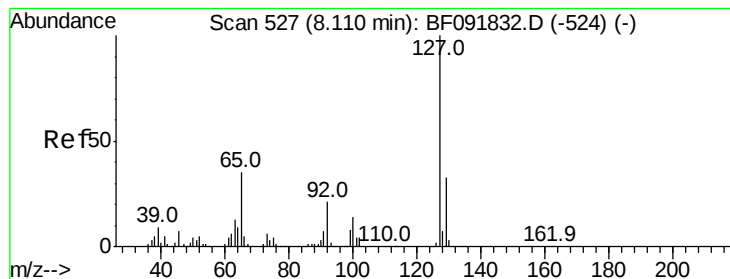


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 7.37 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.02 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

Tot Ion:127 Resp: 132701

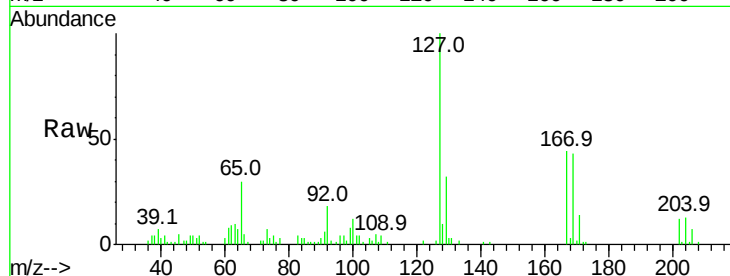
Ion Ratio Lower Upper

127 100

129 32.0 26.3 39.5

65 30.3 25.8 38.8

92 17.8 16.1 24.1

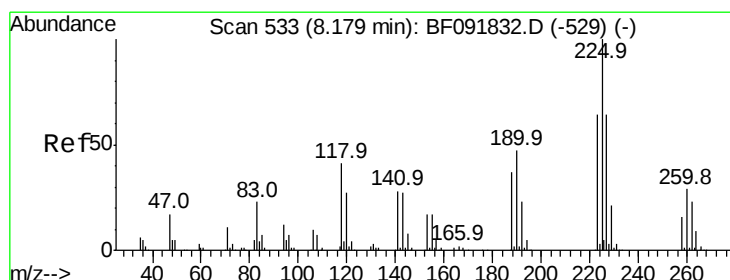
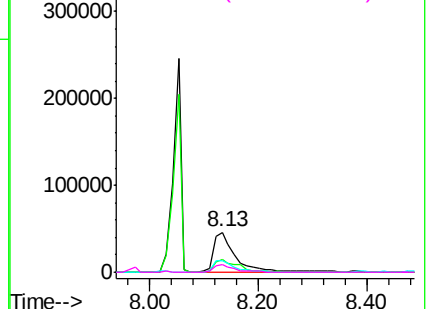
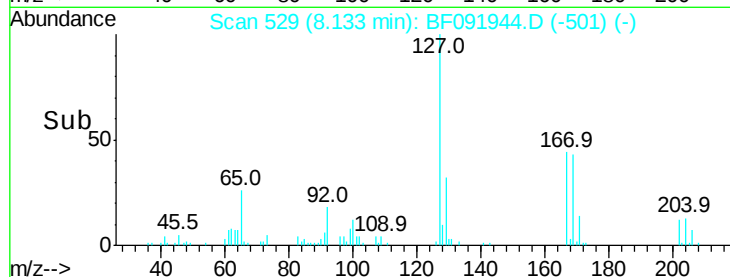


Abundance Ion 127.00 (126.70 to 127.70): E

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: 45.70 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

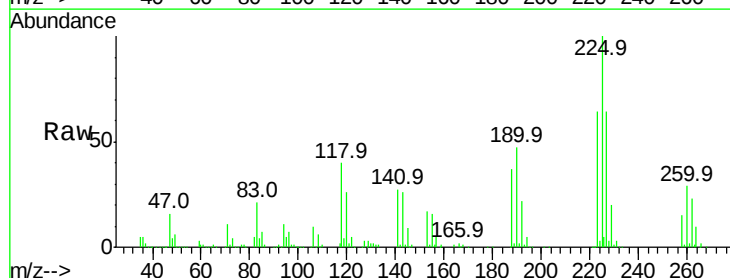
Tgt Ion:225 Resp: 305968

Ion Ratio Lower Upper

225 100

223 63.7 51.0 76.6

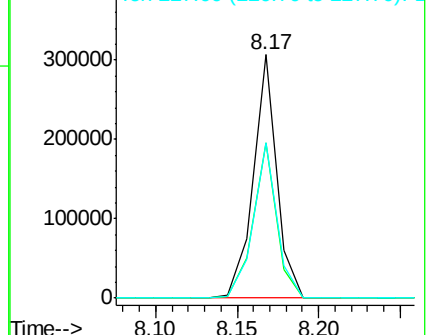
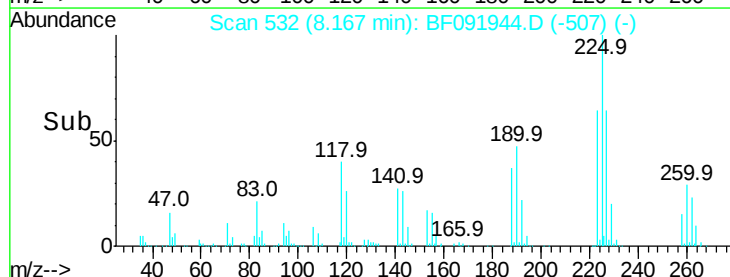
227 63.8 50.6 76.0

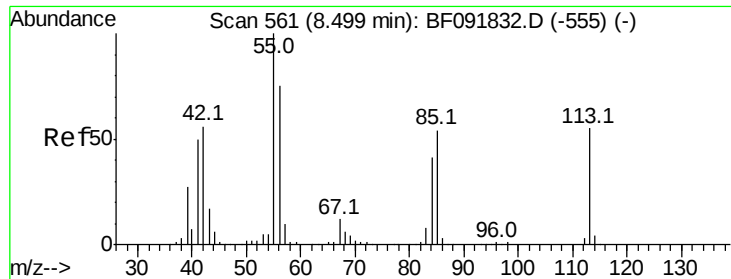


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.67 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

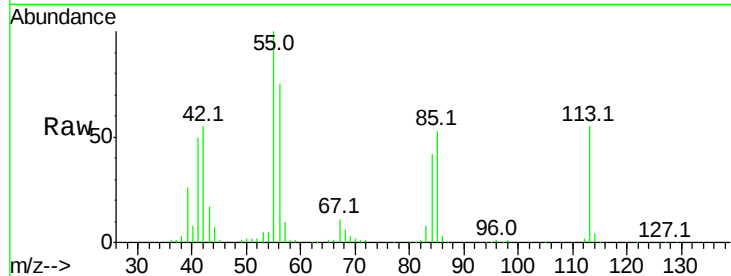
Tot Ion:113 Resp: 158519

Ion Ratio Lower Upper

113 100

55 183.2 119.2 159.2#

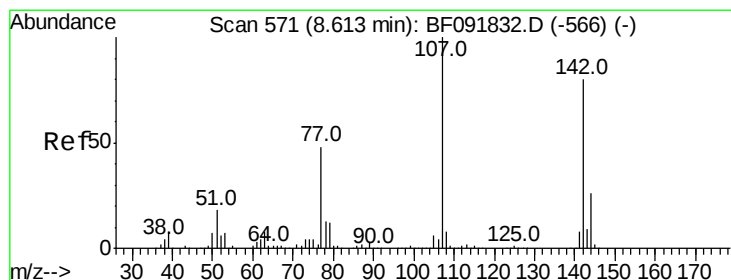
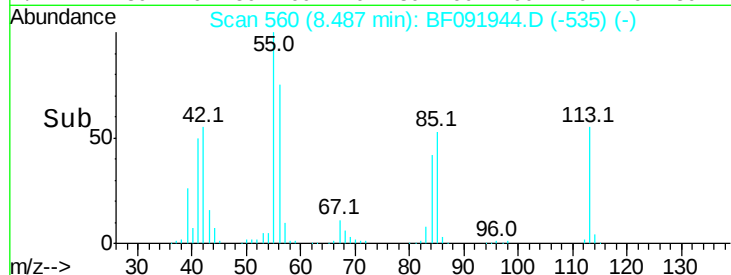
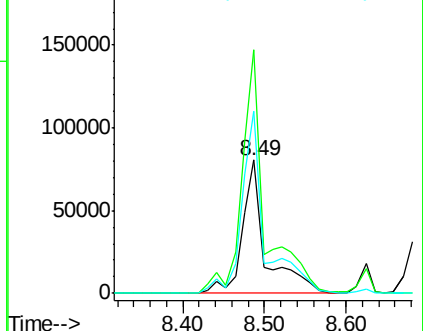
56 136.9 83.8 123.8#



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: 43.39 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

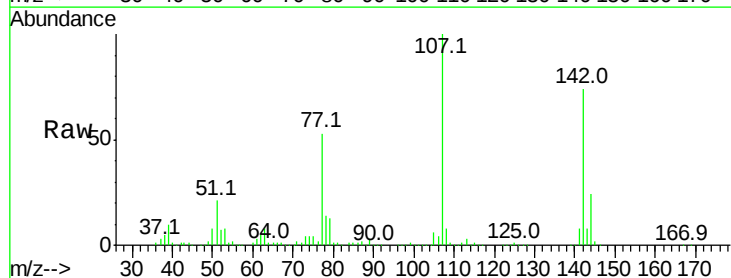
Tgt Ion:107 Resp: 577976

Ion Ratio Lower Upper

107 100

144 24.4 19.3 28.9

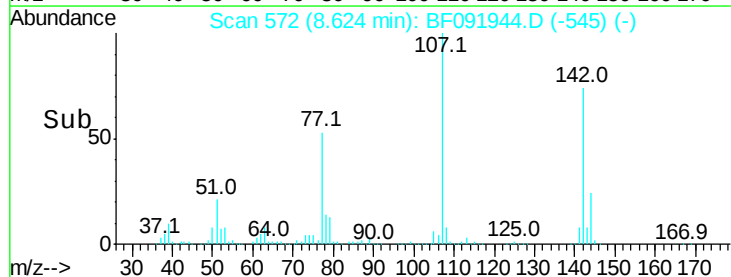
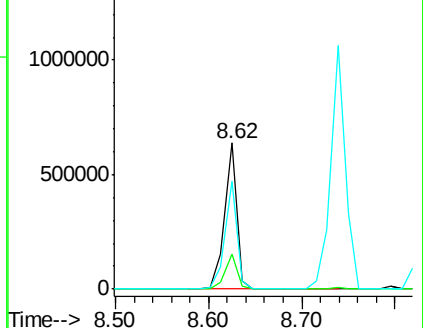
142 74.3 59.0 88.6

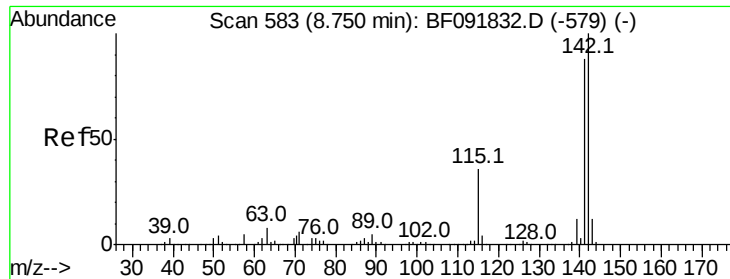


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

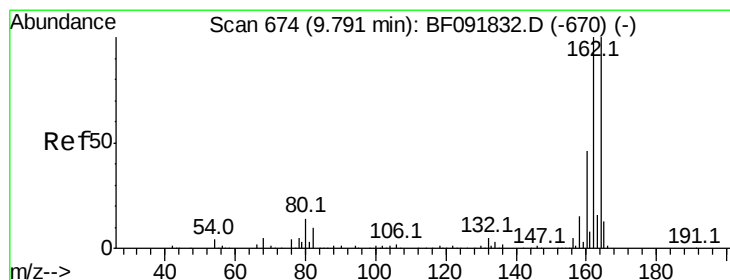
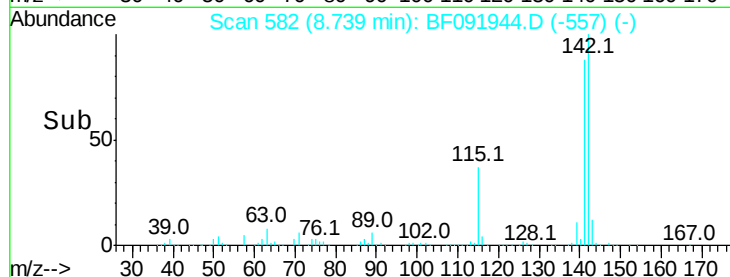
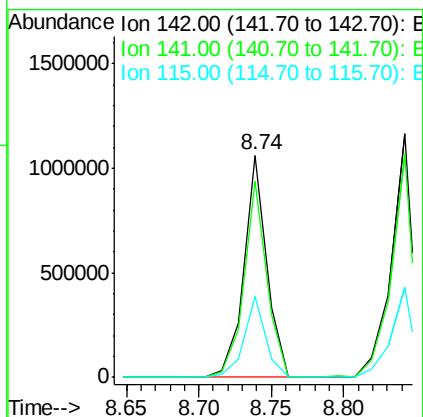
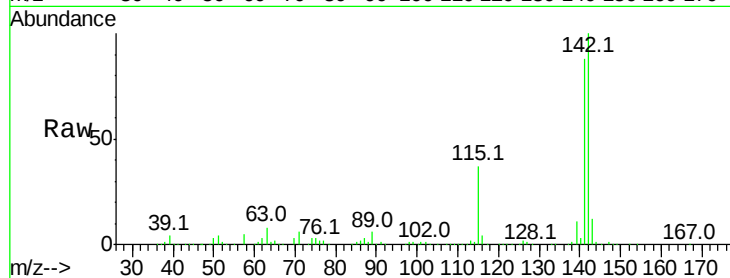




#37
2-Methylnaphthalene
Concen: 50.10 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

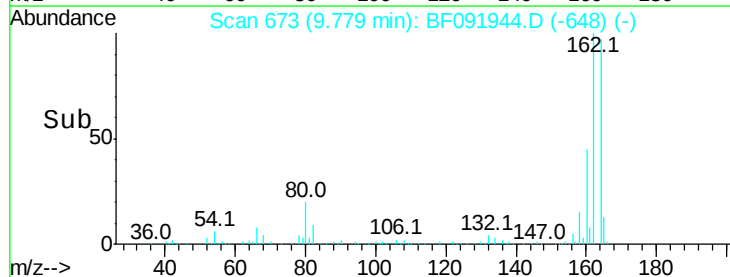
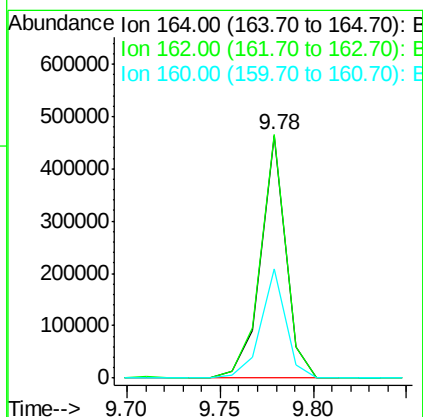
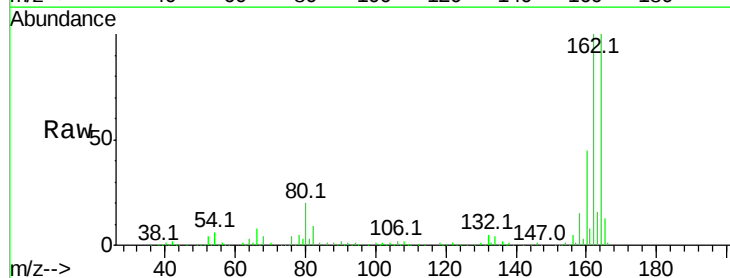
Instrument :
BNA_F
ClientSampled :
PB95595BS

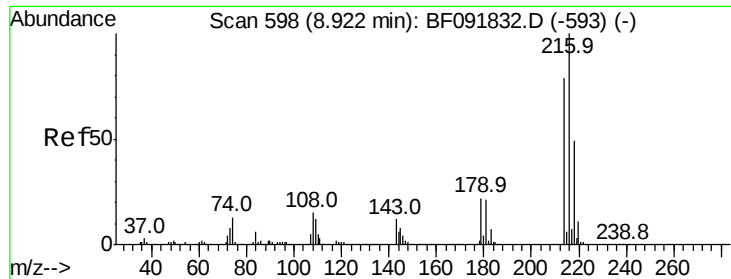
Tot Ion:142 Resp: 1163057
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 36.6 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion:164 Resp: 432249
Ion Ratio Lower Upper
164 100
162 100.2 80.2 120.2
160 44.8 36.9 55.3

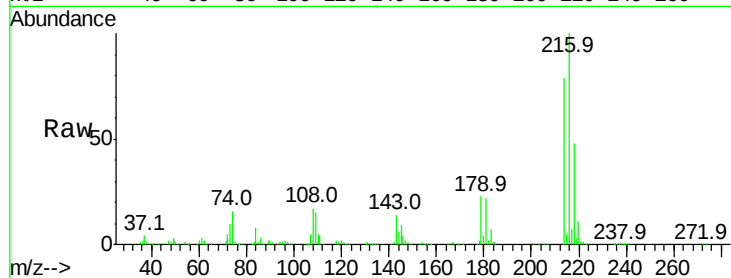




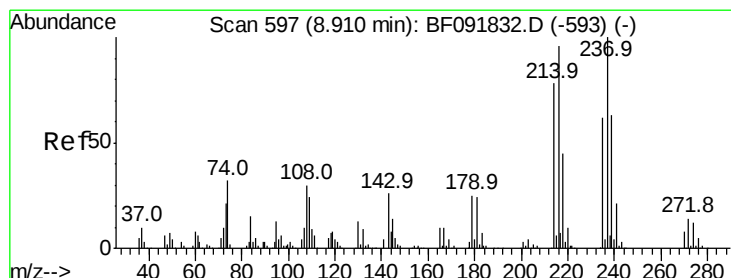
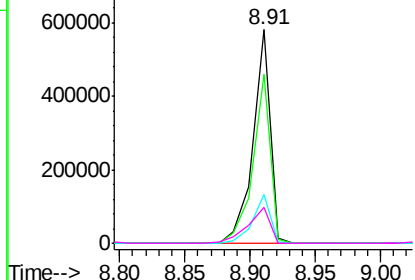
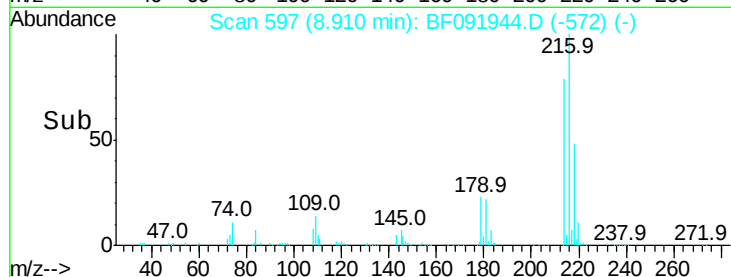
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.29 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tot Ion:	216	Resp:	538331
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	23.1	17.4	26.2
108	21.3	15.6	23.4

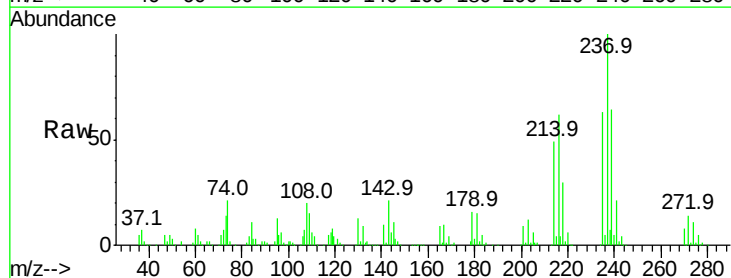


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

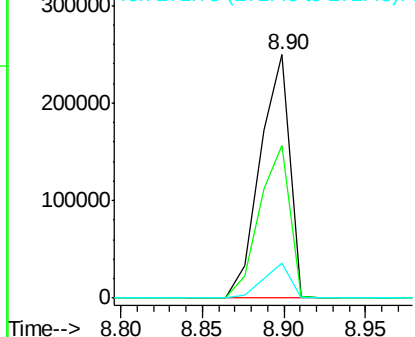
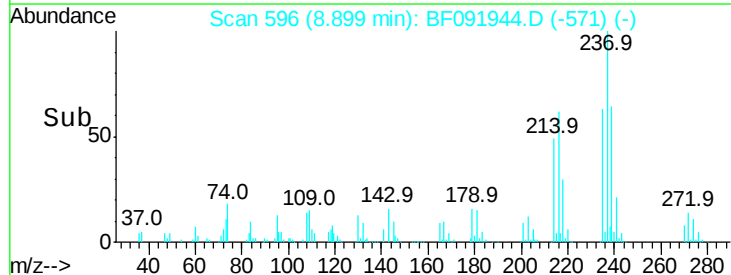


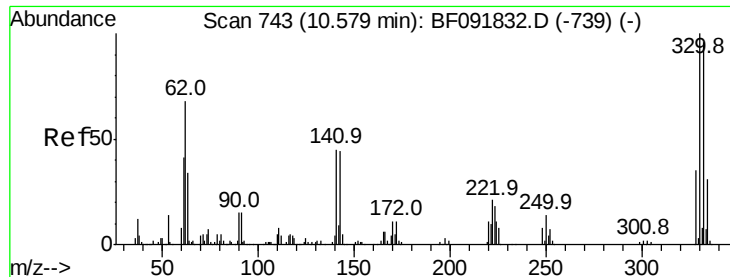
#40
 Hexachlorocyclopentadiene
 Concen: 65.37 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion:	237	Resp:	314201
Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.2	81.2
272	14.3	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

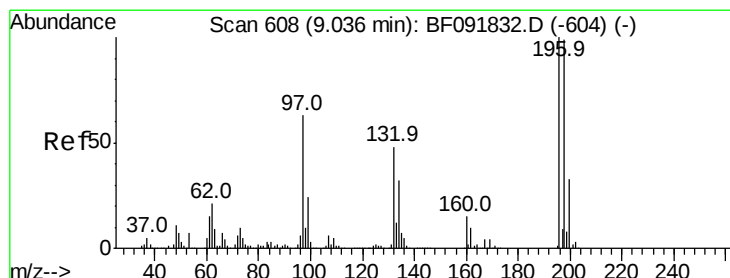
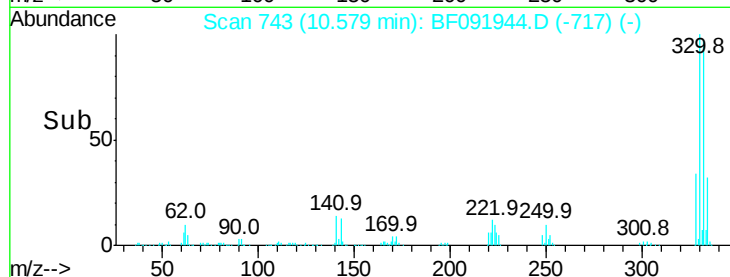
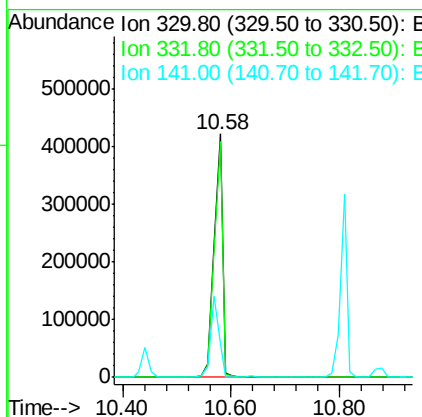
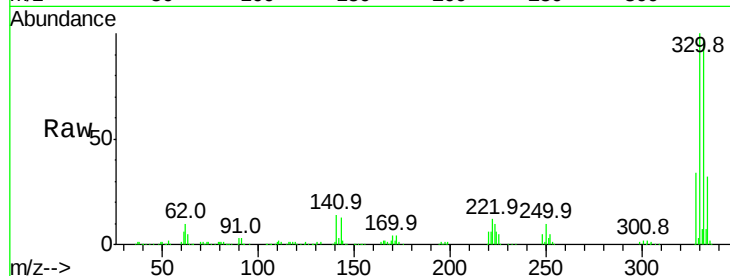




#41
 2,4,6-Tribromophenol
 Concen: 134.14 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

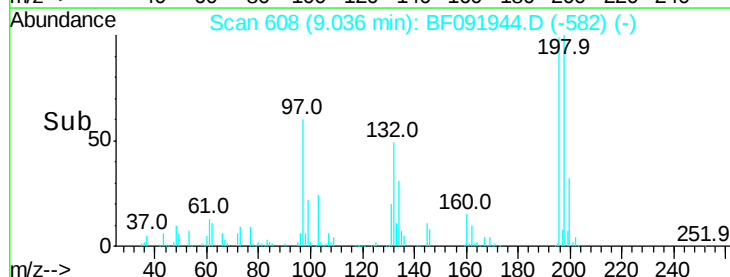
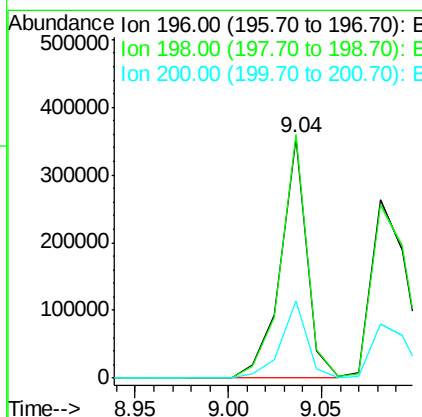
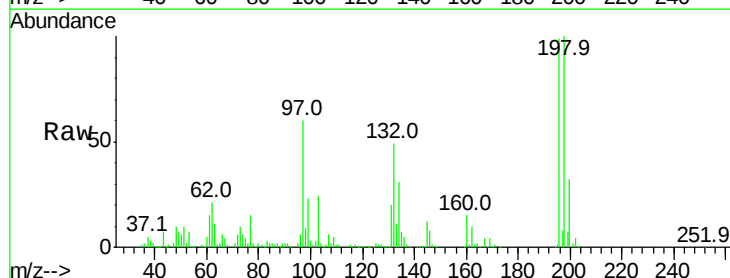
Instrument :
 BNA_F
 ClientSampled :
 PB95595BS

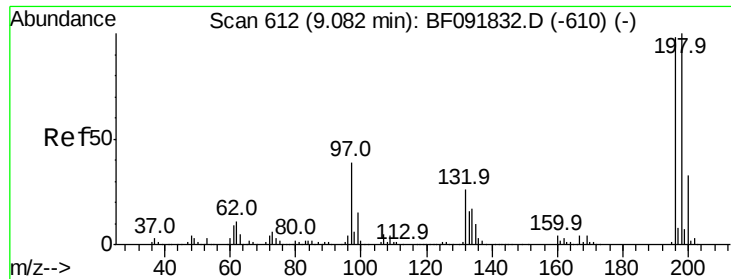
Tot Ion:330 Resp: 479853
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 31.9 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 45.72 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion:196 Resp: 349207
 Ion Ratio Lower Upper
 196 100
 198 101.4 82.1 123.1
 200 32.1 27.0 40.4

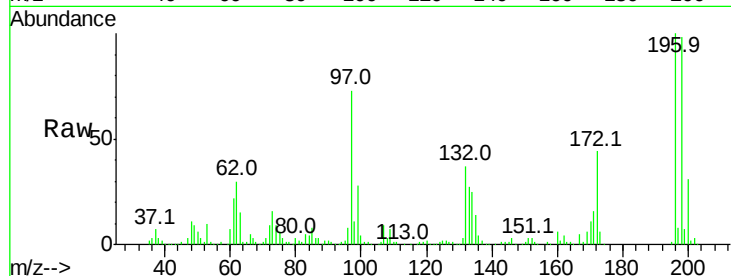




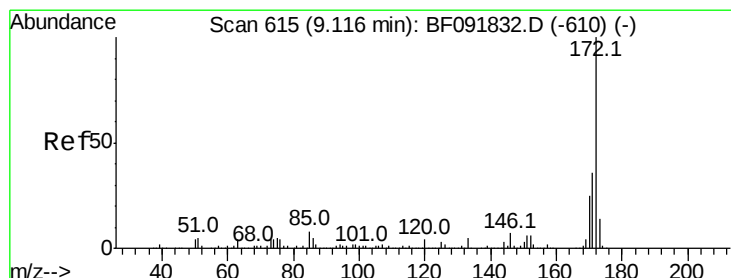
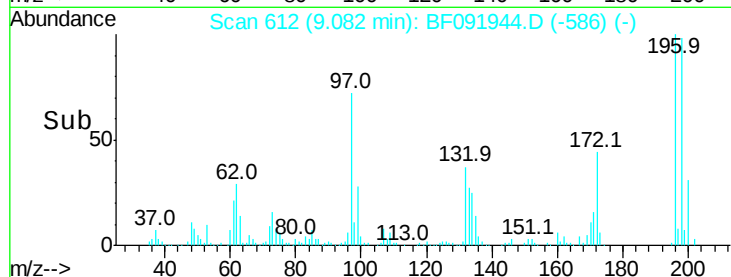
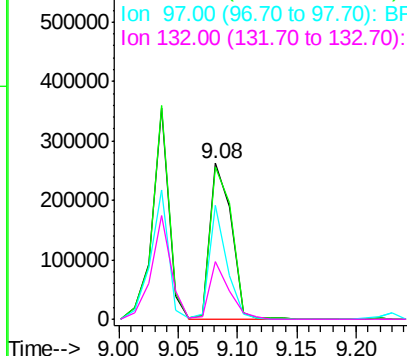
#43
 2,4,5-Trichlorophenol
 Concen: 41.37 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tot Ion:	196	Resp:	325203
Ion	Ratio	Lower	Upper
196	100		
198	97.6	79.4	119.2
97	72.7	51.5	77.3
132	37.0	27.4	41.2

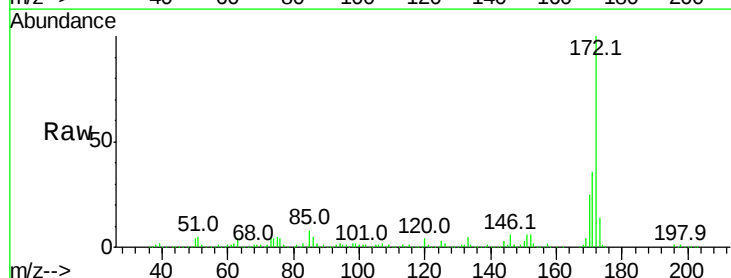


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

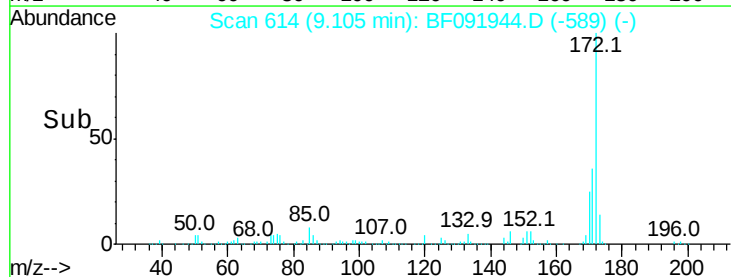
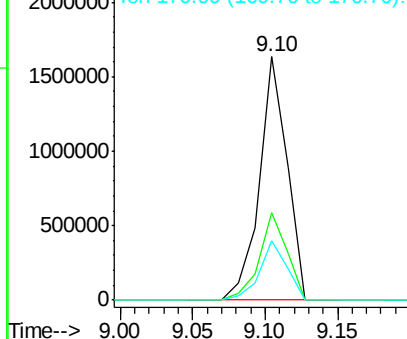


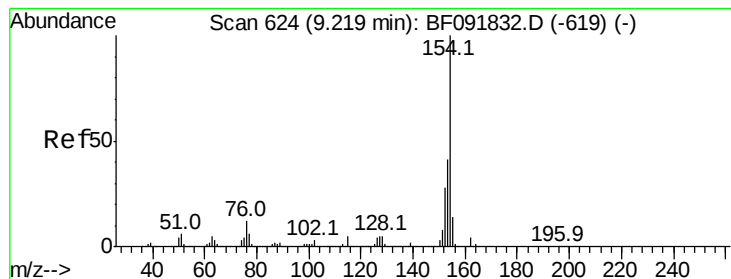
#44
 2-Fluorobiphenyl
 Concen: 104.80 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion:	172	Resp:	2147534
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.6	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: 49.80 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

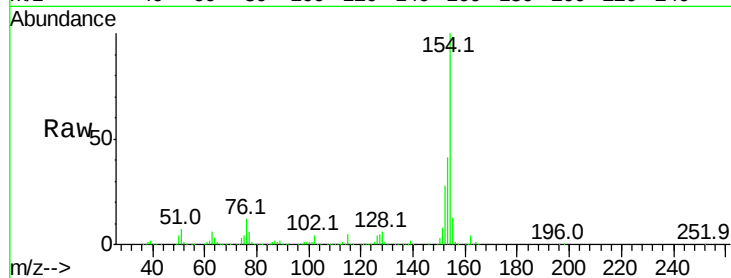
Tot Ion:154 Resp: 1473917

Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

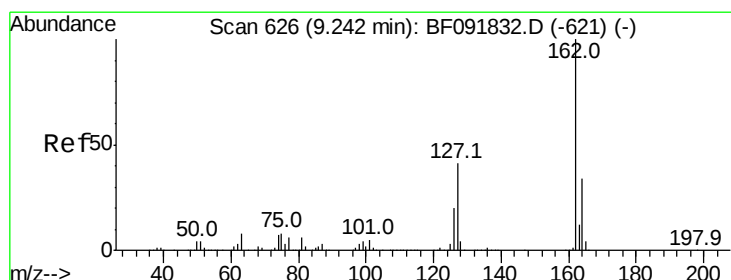
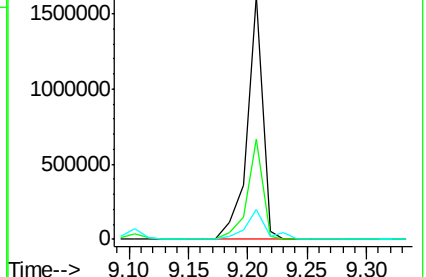
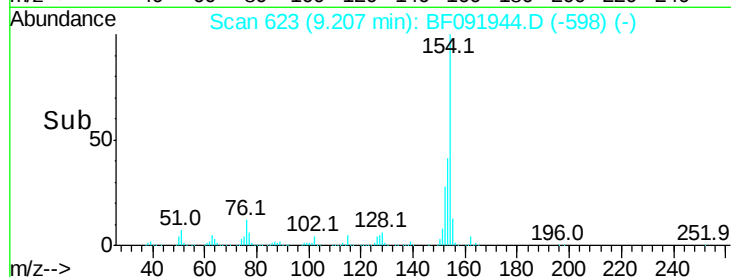
76 12.4 0.0 30.5



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: 45.86 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

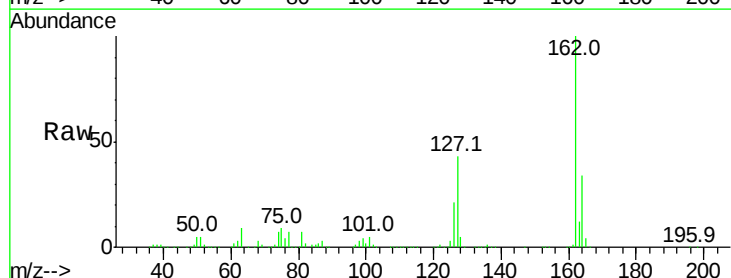
Tgt Ion:162 Resp: 1074957

Ion Ratio Lower Upper

162 100

127 42.6 30.7 46.1

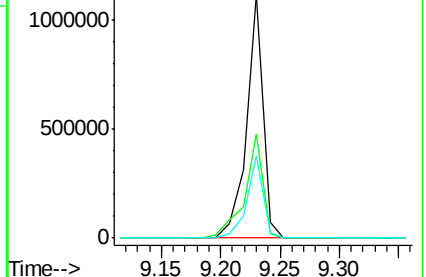
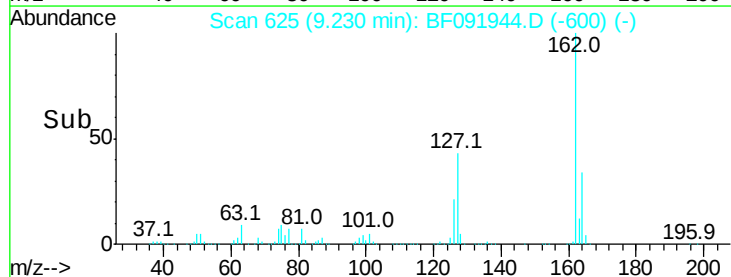
164 33.6 27.6 41.4

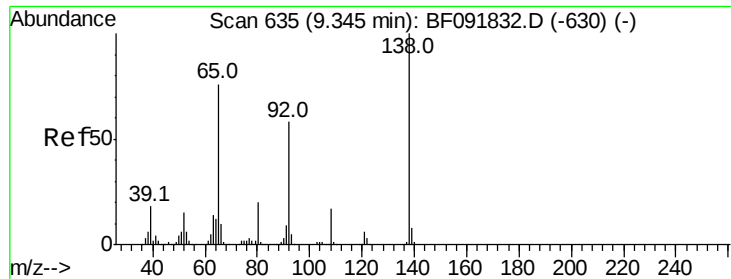


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

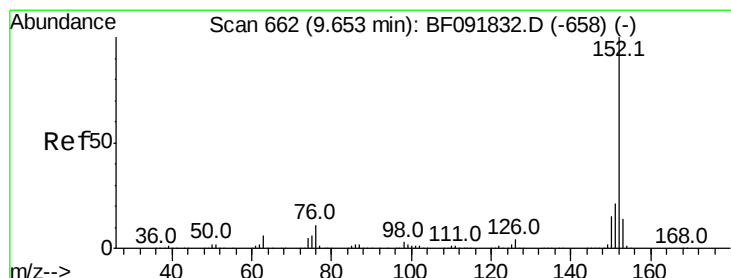
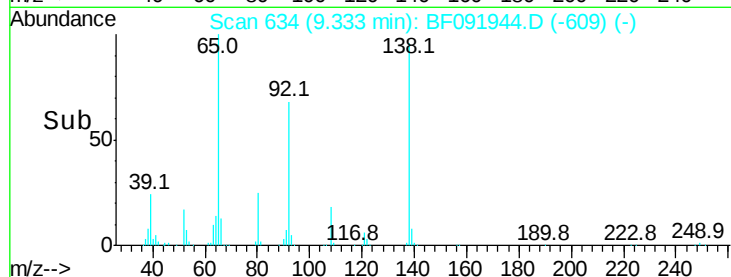
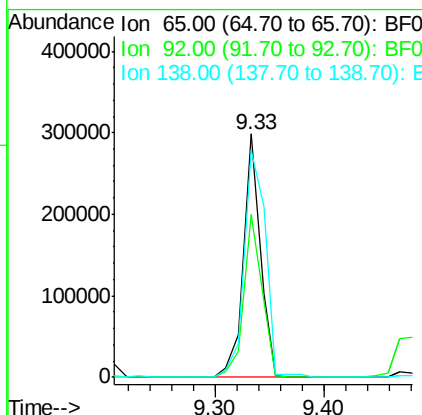
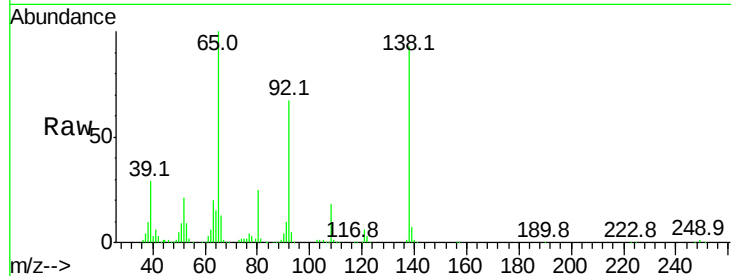




#47
2-Nitroaniline
Concen: 38.77 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

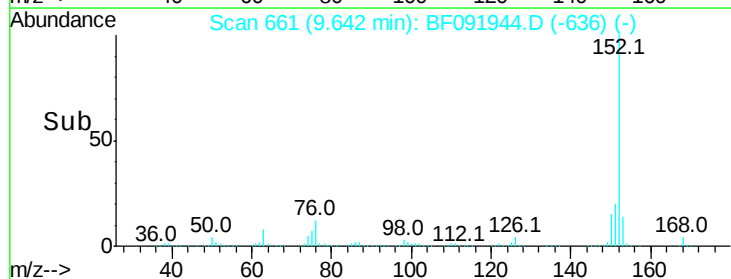
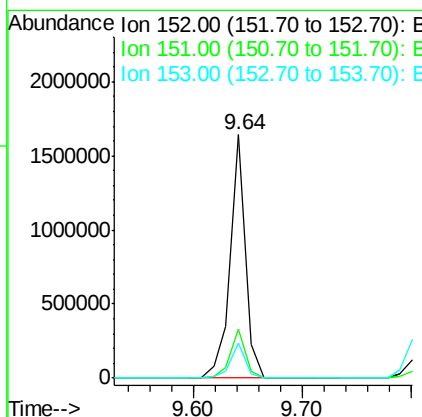
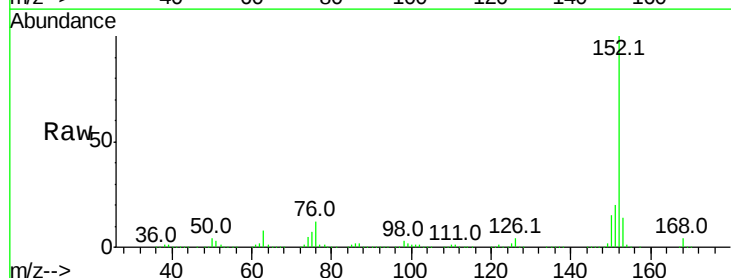
Instrument :
BNA_F
ClientSampleId :
PB95595BS

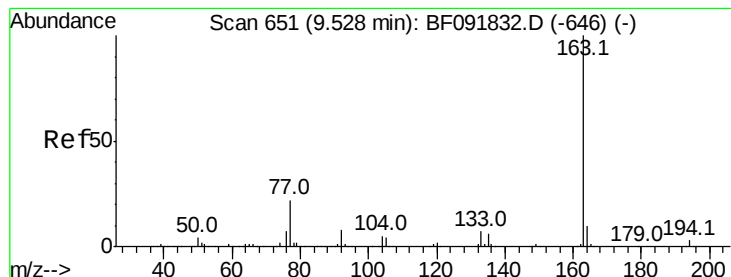
Tot Ion: 65 Resp: 323564
Ion Ratio Lower Upper
65 100
92 66.7 53.9 80.9
138 93.5 76.8 115.2



#48
Acenaphthylene
Concen: 43.87 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion: 152 Resp: 1581264
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 47.71 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

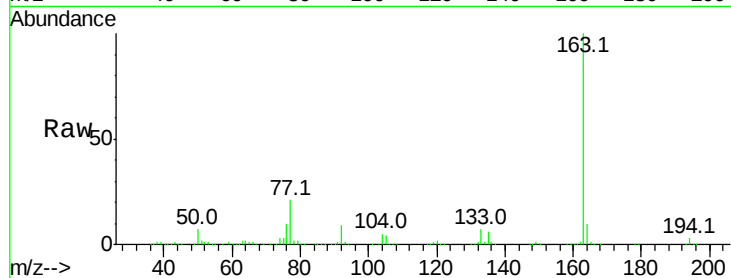
Tot Ion:163 Resp: 1318932

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

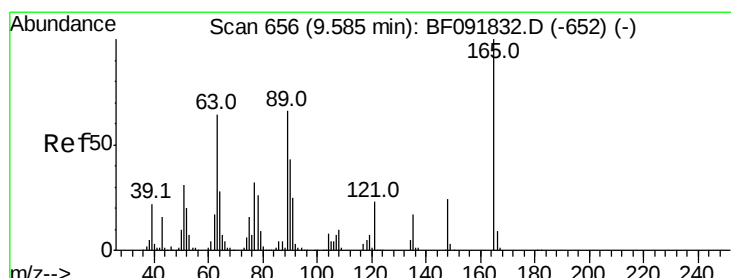
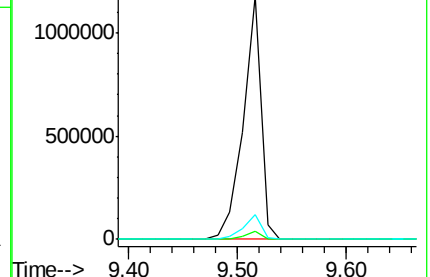
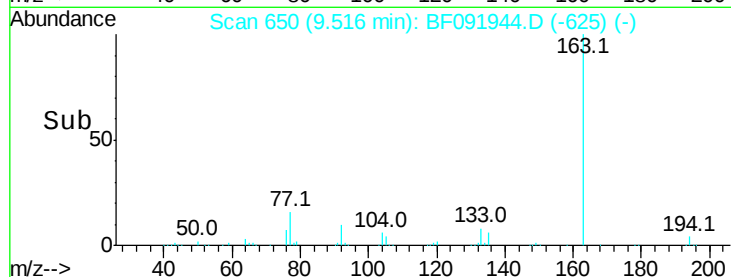
164 10.3 8.0 12.0



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: 41.47 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

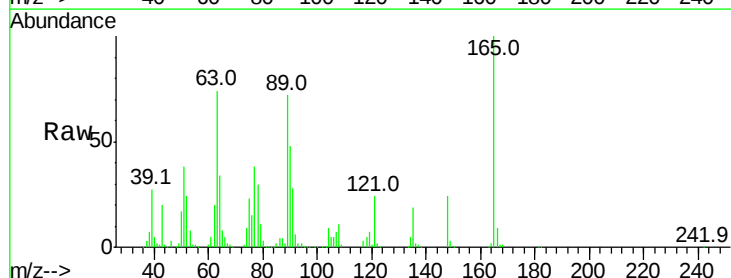
Tgt Ion:165 Resp: 250923

Ion Ratio Lower Upper

165 100

63 74.1 36.2 54.4#

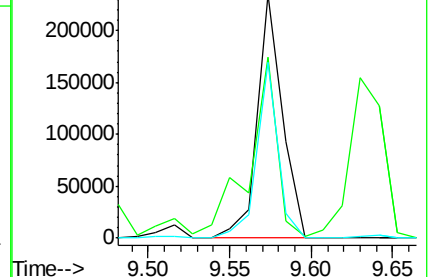
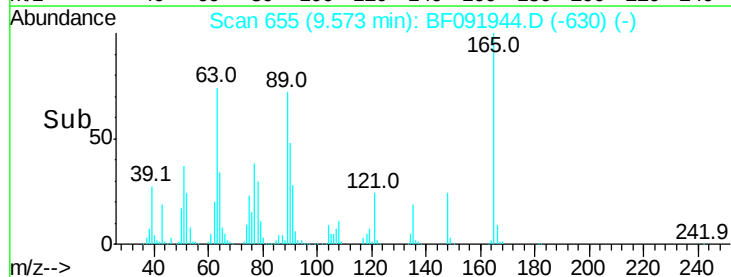
89 72.0 40.2 60.4#

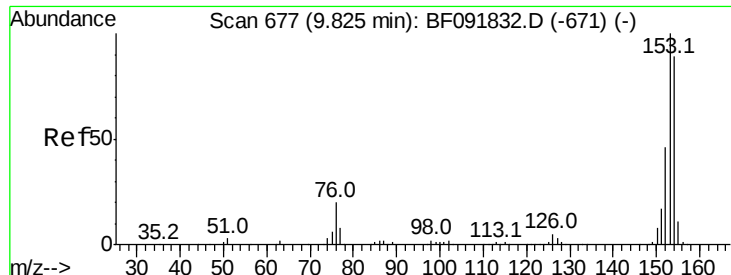


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.50 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

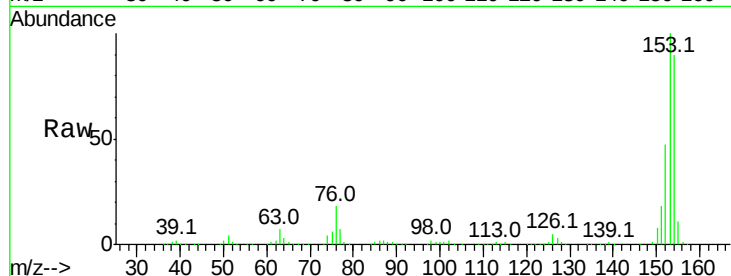
Tot Ion:154 Resp: 1014245

Ion Ratio Lower Upper

154 100

153 111.7 88.6 133.0

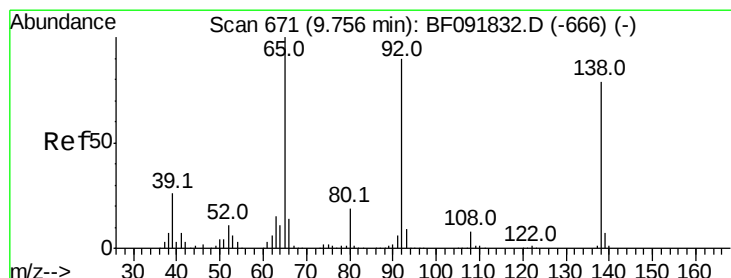
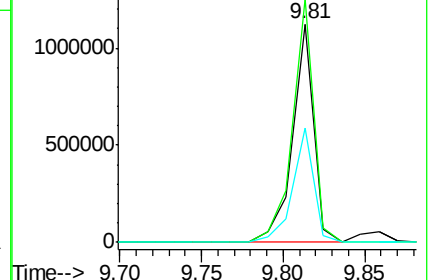
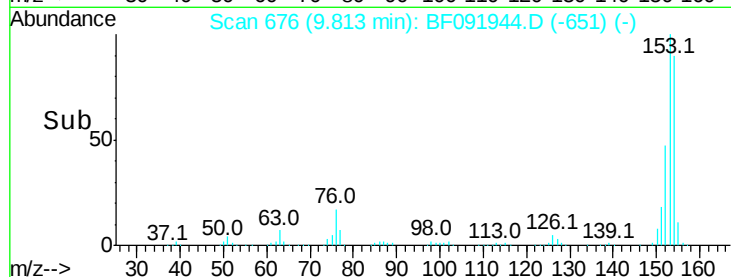
152 52.3 41.6 62.4



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: 16.52 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

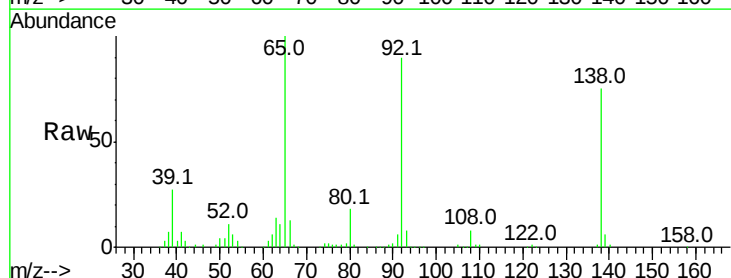
Tgt Ion:138 Resp: 123674

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

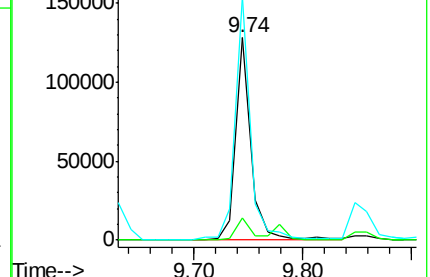
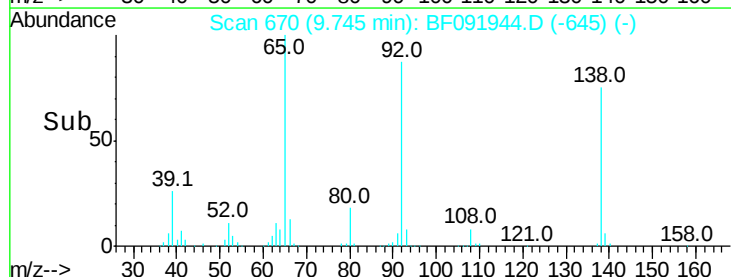
92 120.5 97.8 146.8

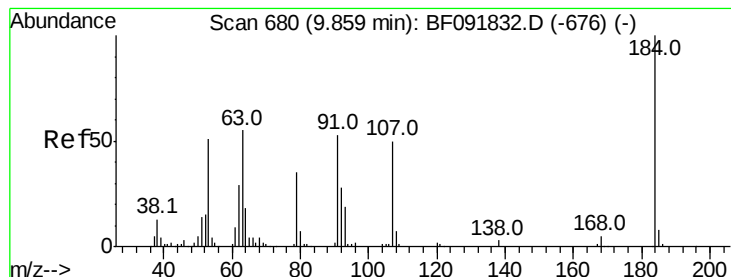


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 36.42 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

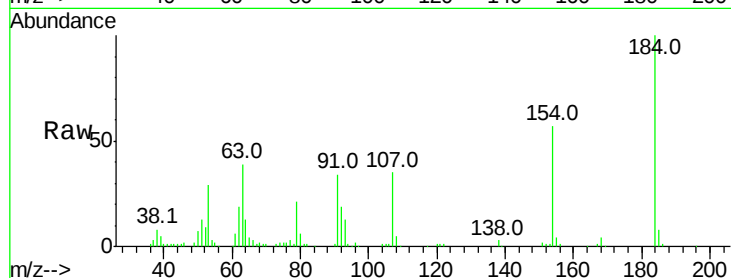
Tot Ion:184 Resp: 122636

Ion Ratio Lower Upper

184 100

63 39.1 28.4 42.6

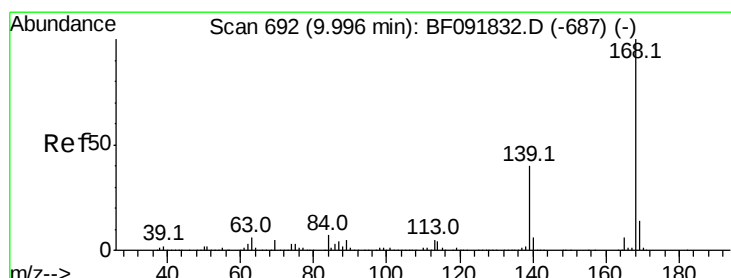
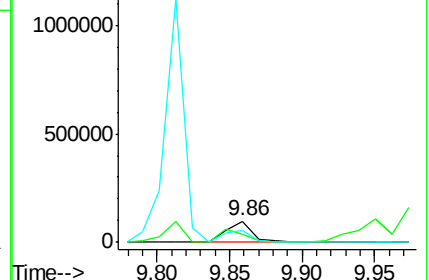
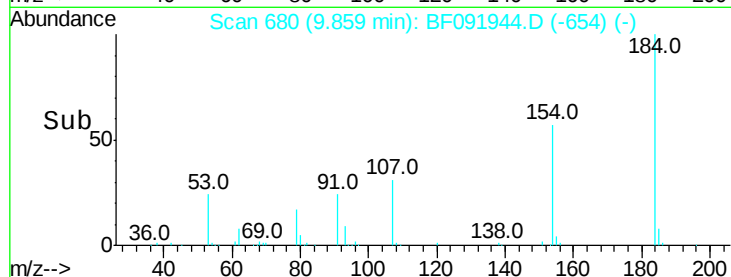
154 57.1 44.3 66.5



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: 40.83 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

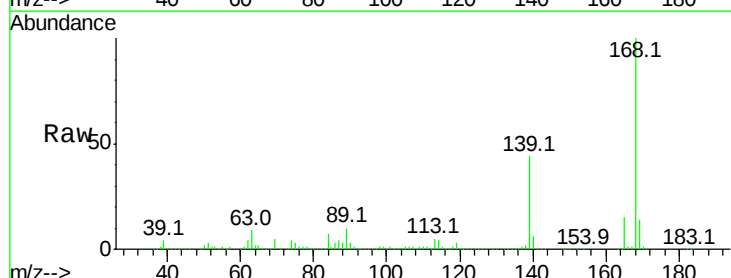
Tgt Ion:168 Resp: 1347409

Ion Ratio Lower Upper

168 100

139 43.8 32.6 49.0

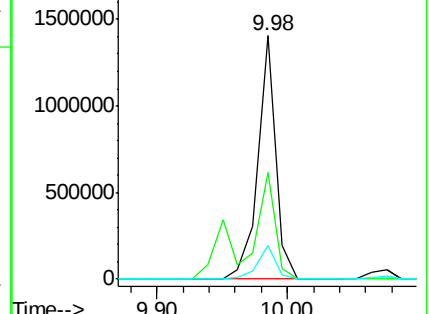
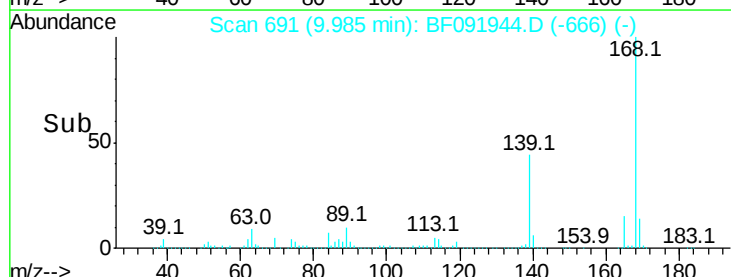
169 13.9 11.3 16.9

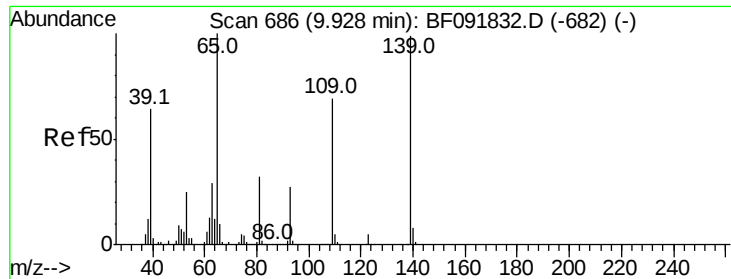


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 68.61 ng/mL

RT: 9.95 min Scan# 688

Delta R.T. 0.02 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleID :

PB95595BS

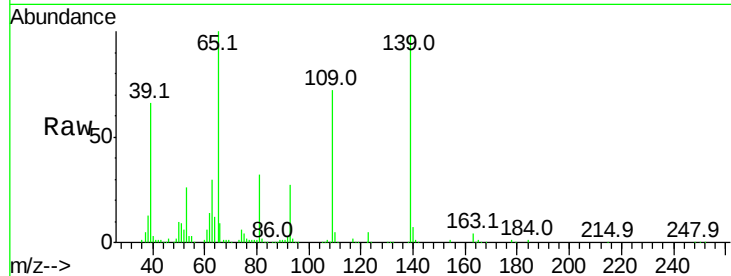
Tot Ion:139 Resp: 348872

Ion Ratio Lower Upper

139 100

109 73.1 52.2 92.2

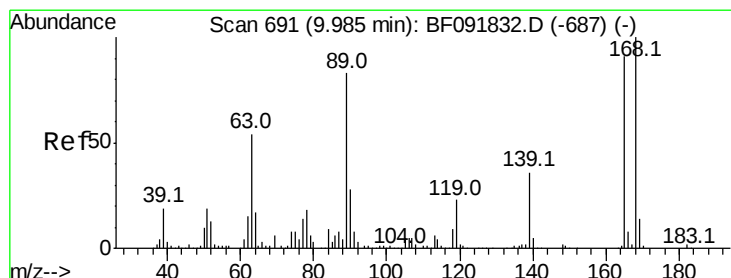
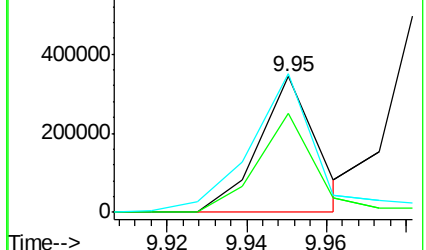
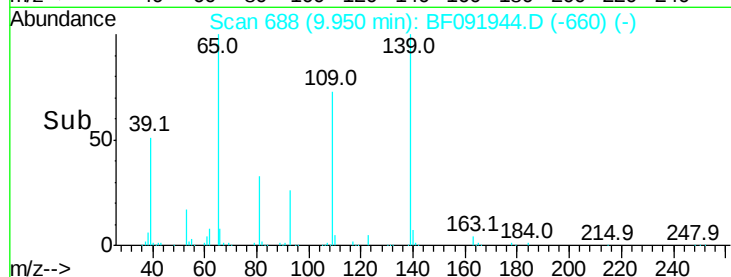
65 102.0 85.8 125.8



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: 45.22 ng/mL

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Tgt Ion:165 Resp: 343402

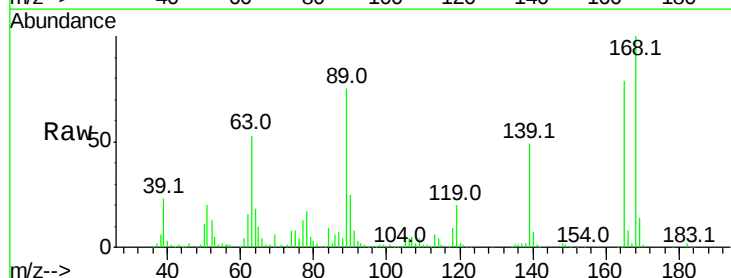
Ion Ratio Lower Upper

165 100

63 66.9 40.2 60.4#

89 96.0 62.5 93.7#

182 2.1 1.8 2.8

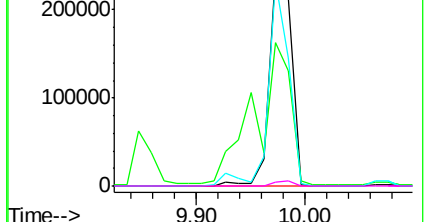
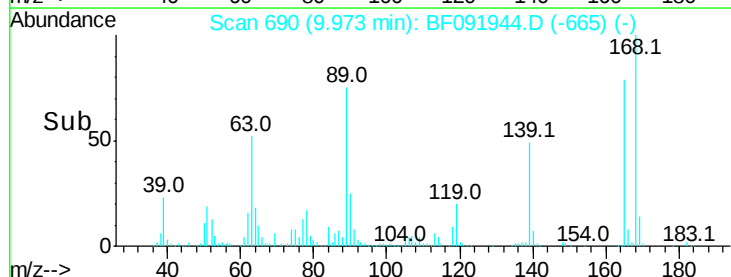


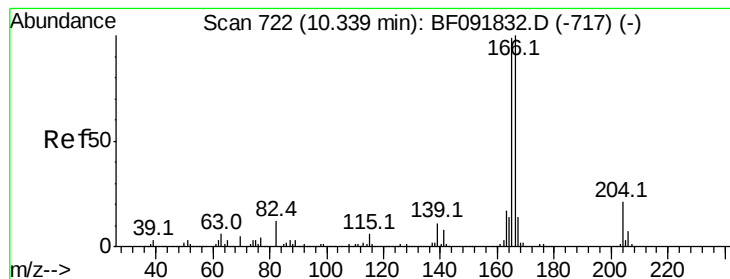
Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.25 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

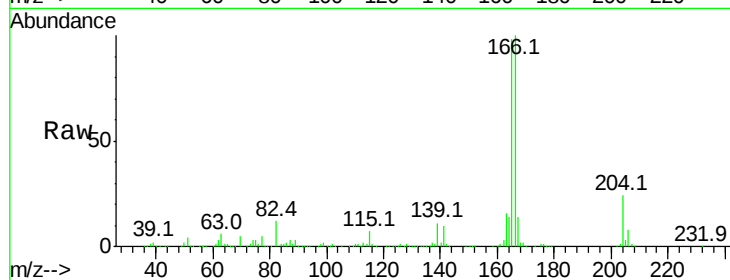
Tot Ion:166 Resp: 1086600

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

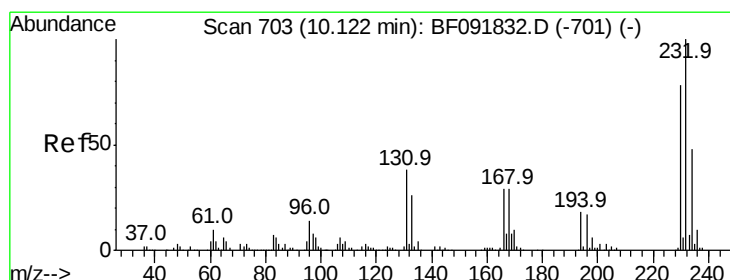
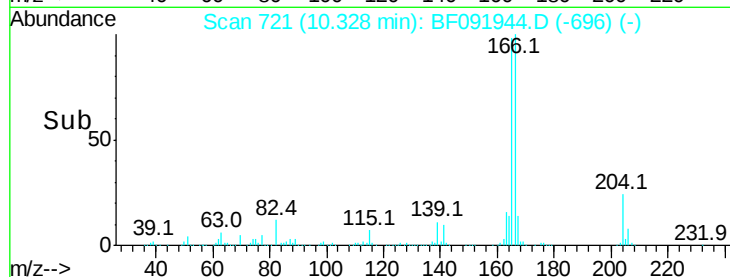
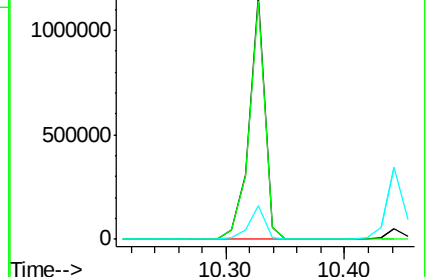
167 13.8 10.8 16.2



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: 41.14 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Tgt Ion:232 Resp: 255722

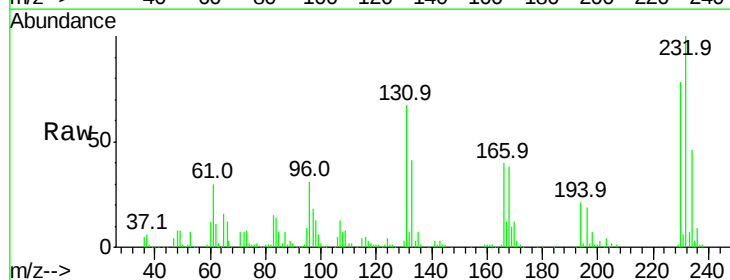
Ion Ratio Lower Upper

232 100

131 51.1 40.1 60.1

130 2.4 1.8 2.8

166 32.8 26.6 39.8

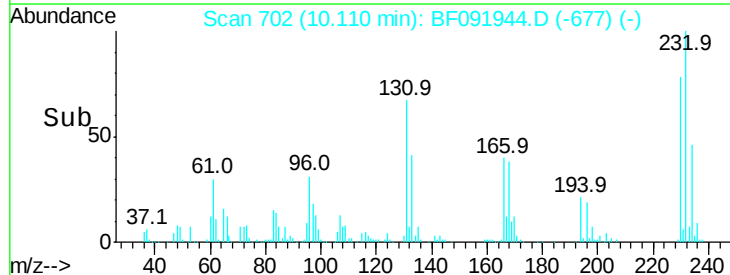
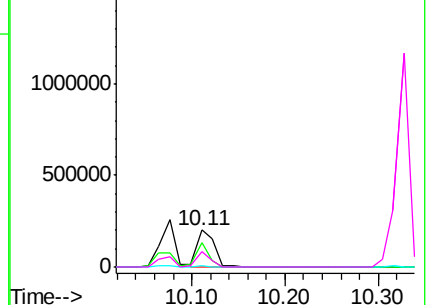


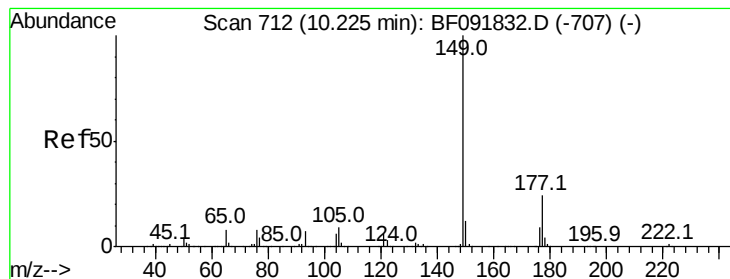
Abundance Ion 232.00 (231.70 to 232.70): E

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: 48.10 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

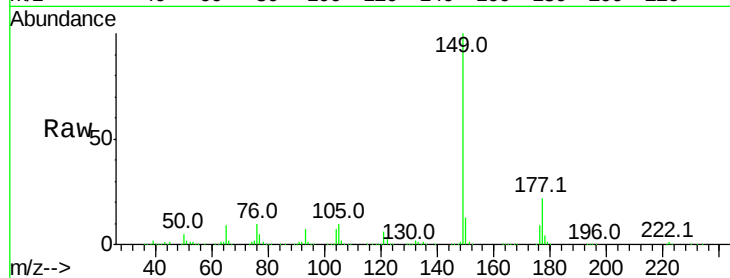
Tot Ion:149 Resp: 1291296

Ion Ratio Lower Upper

149 100

177 22.2 16.6 25.0

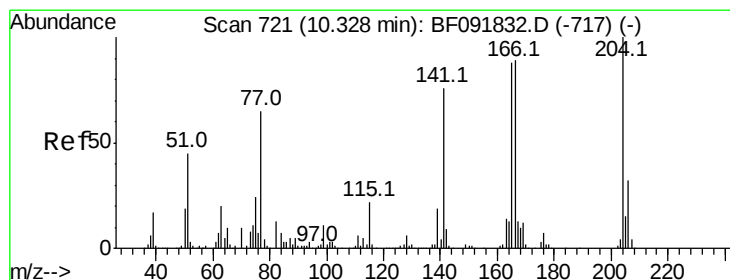
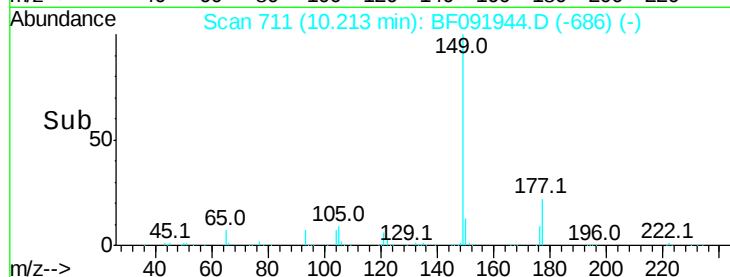
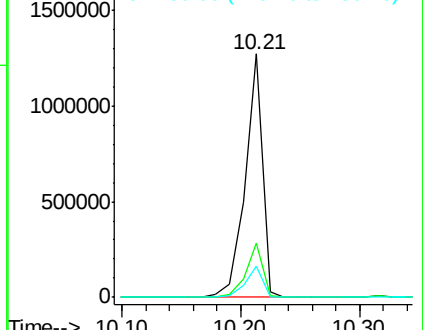
150 12.6 10.4 15.6



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: 46.07 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

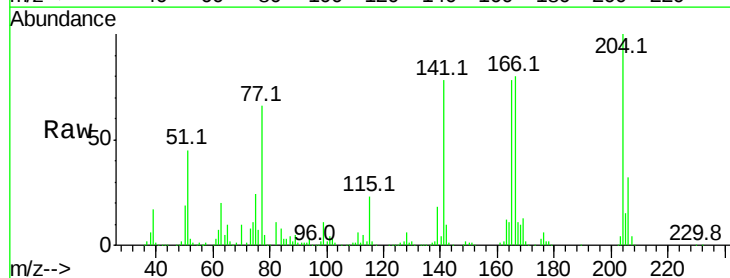
Tgt Ion:204 Resp: 484325

Ion Ratio Lower Upper

204 100

206 32.0 25.8 38.6

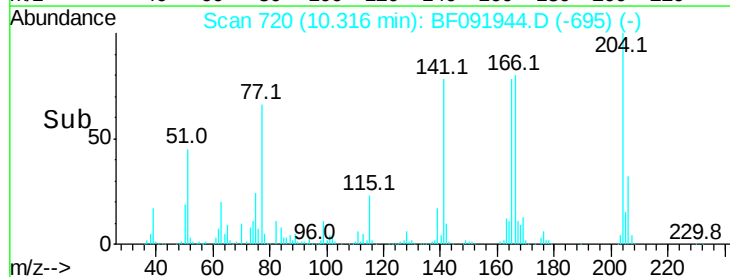
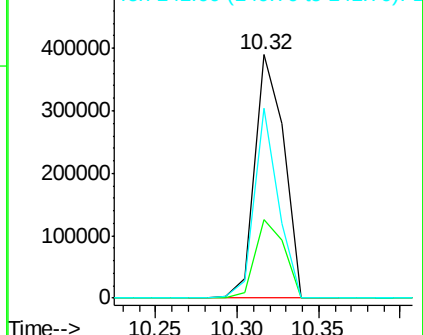
141 78.0 59.4 89.0

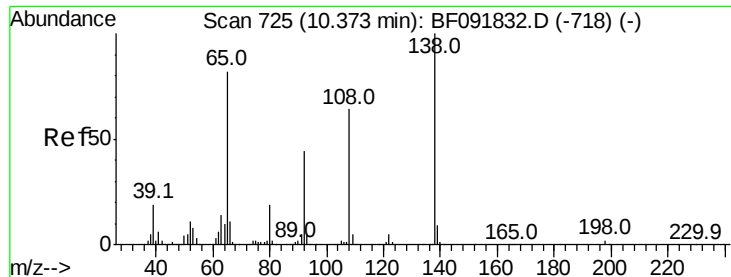


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

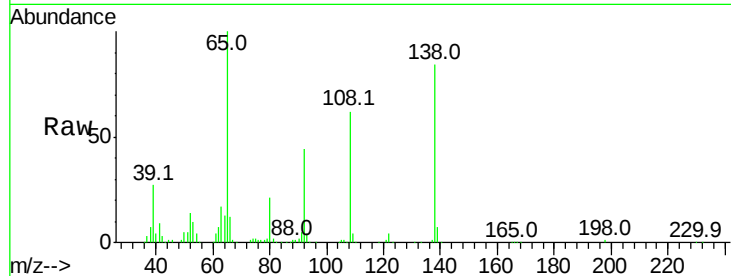




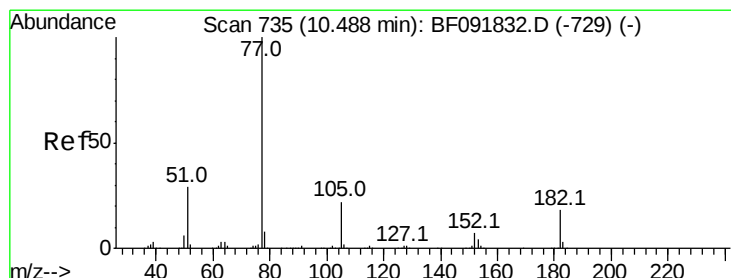
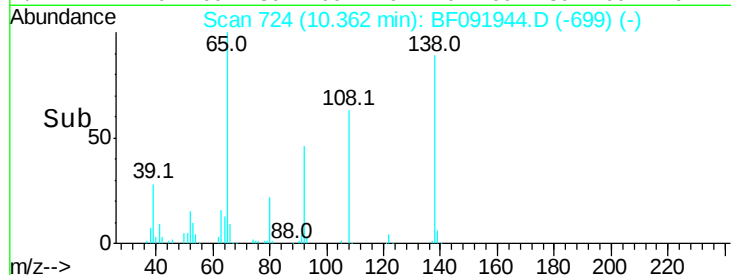
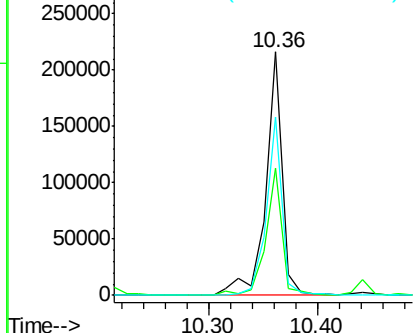
#61
4-Nitroaniline
Concen: 29.87 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
PB95595BS

Tot Ion:138 Resp: 231771
Ion Ratio Lower Upper
138 100
92 52.3 31.7 71.7
108 73.4 52.6 92.6

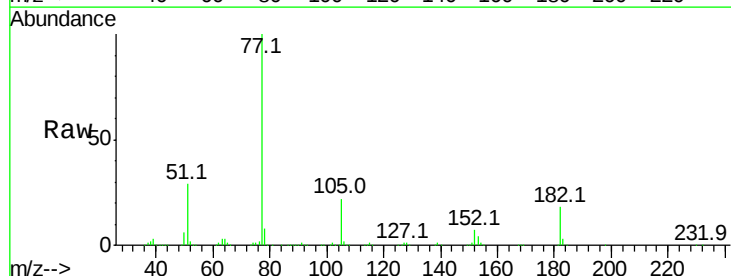


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

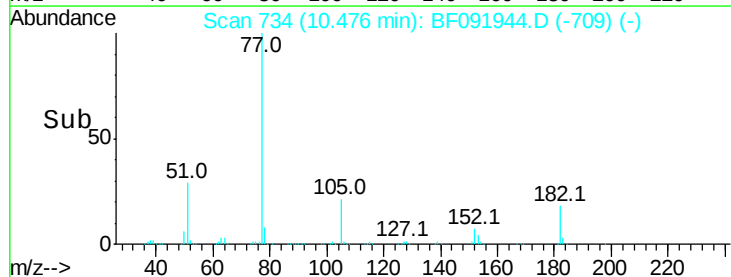
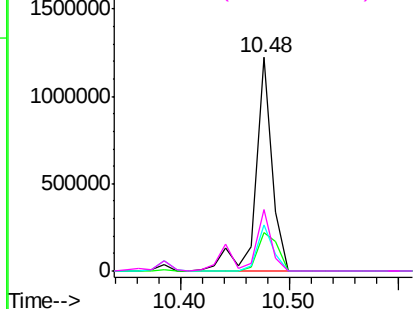


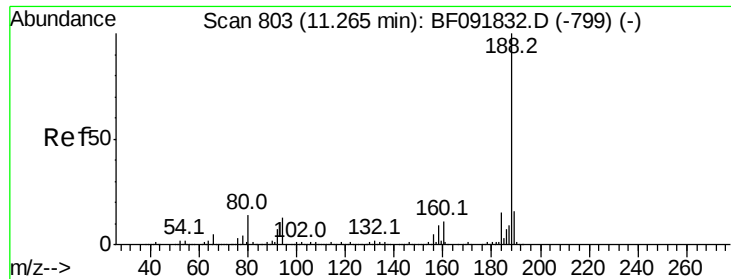
#62
Azobenzene
Concen: 43.85 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion: 77 Resp: 1296313
Ion Ratio Lower Upper
77 100
182 18.2 0.0 39.3
105 21.7 2.3 42.3
51 29.0 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

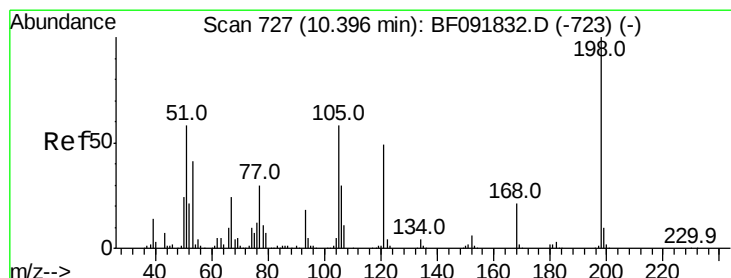
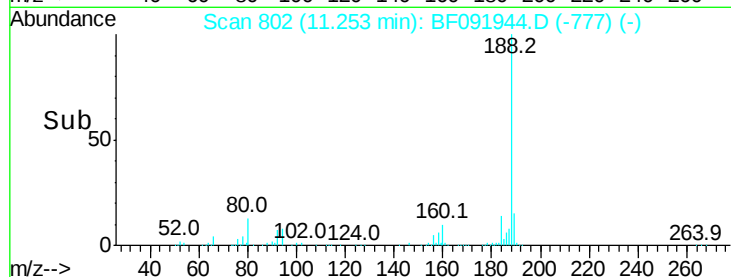
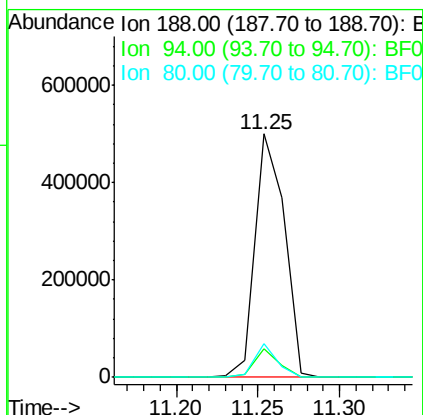
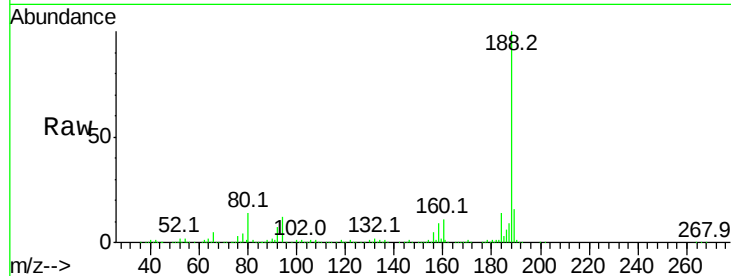




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

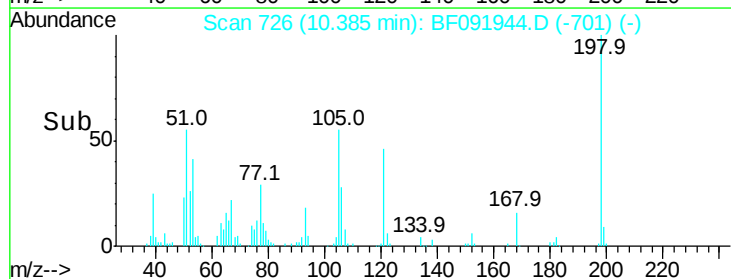
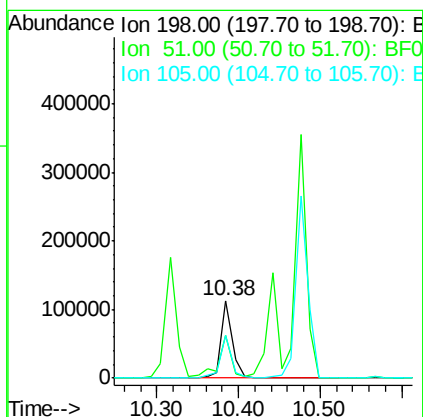
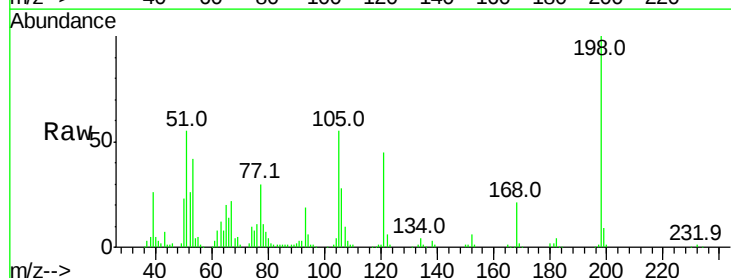
Instrument :
BNA_F
ClientSampleId :
PB95595BS

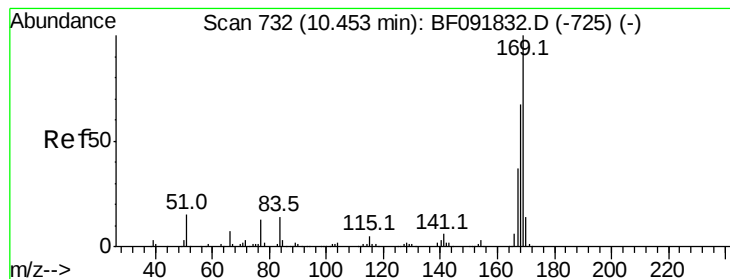
Tot Ion:188 Resp: 629161
Ion Ratio Lower Upper
188 100
94 11.7 10.0 15.0
80 13.8 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 28.49 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion:198 Resp: 108391
Ion Ratio Lower Upper
198 100
51 55.2 6.7 46.7#
105 55.1 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 49.83 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

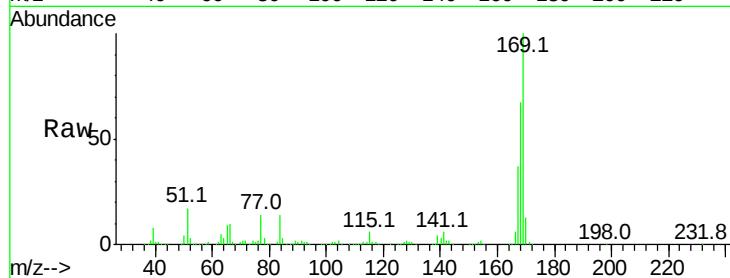
Tot Ion:169 Resp: 930364

Ion Ratio Lower Upper

169 100

168 66.5 54.2 81.2

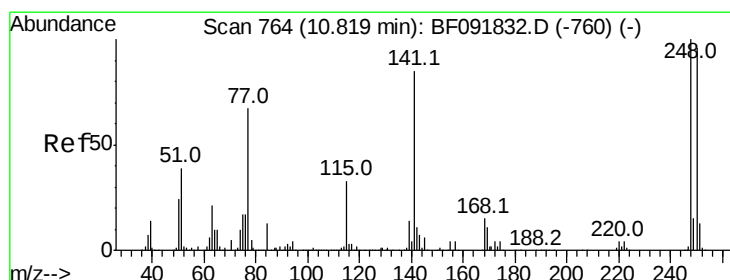
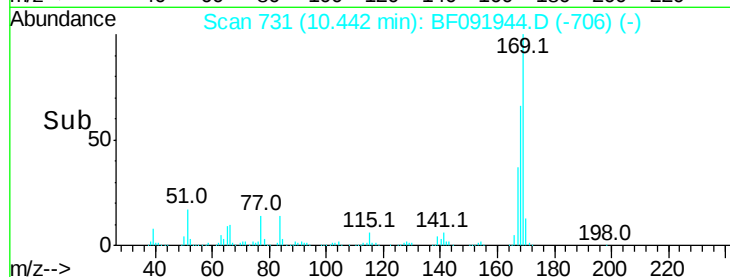
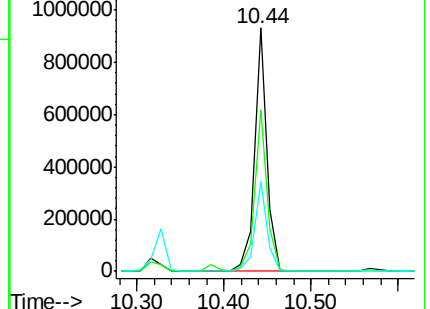
167 37.2 30.2 45.4



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: 48.39 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

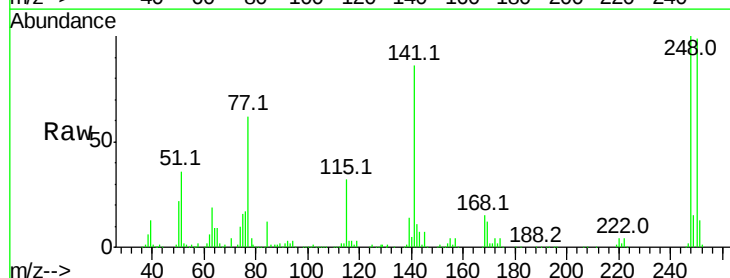
Tgt Ion:248 Resp: 316673

Ion Ratio Lower Upper

248 100

250 98.7 76.9 115.3

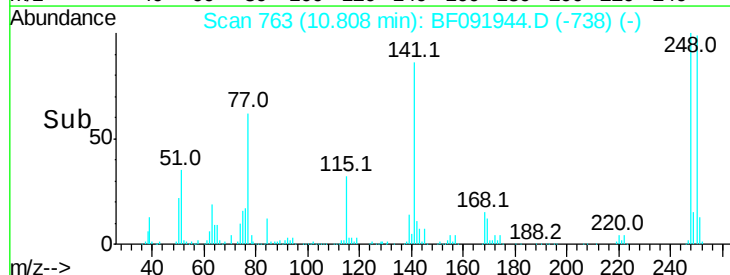
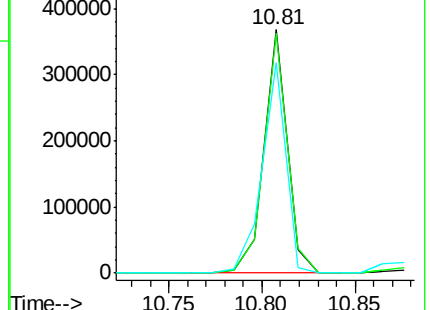
141 86.2 68.2 102.4



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

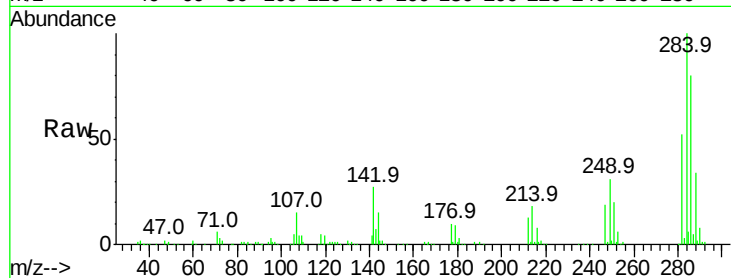




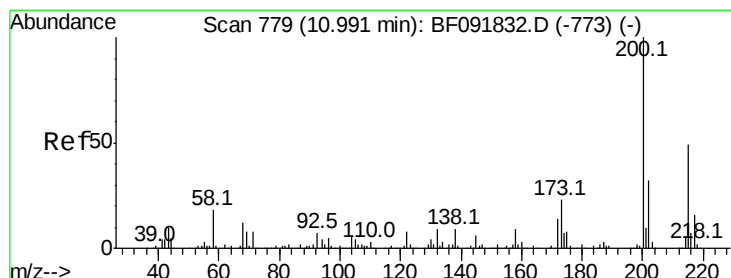
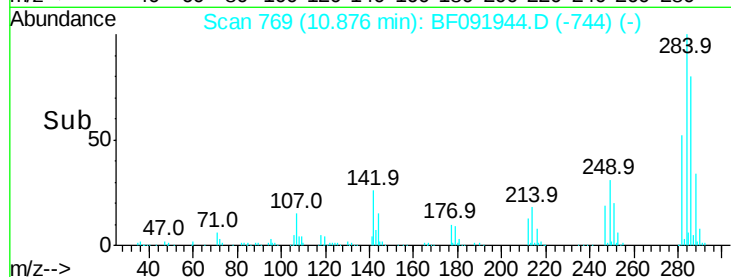
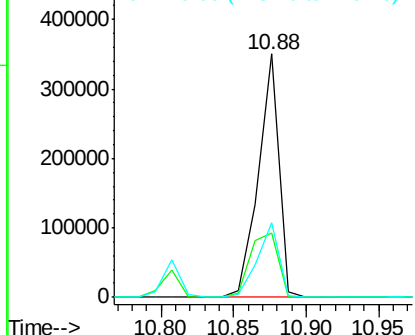
#67
Hexachlorobenzene
Concen: 49.27 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
PB95595BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	26.6	22.6	33.8
249	30.8	25.4	38.0

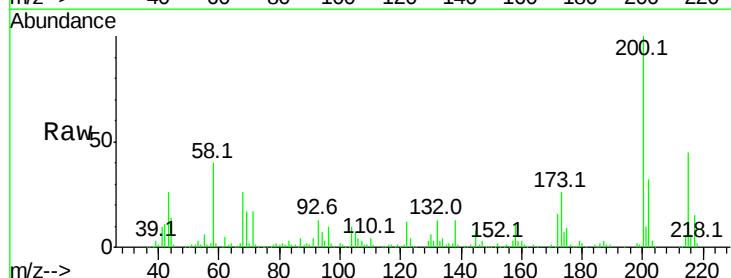


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

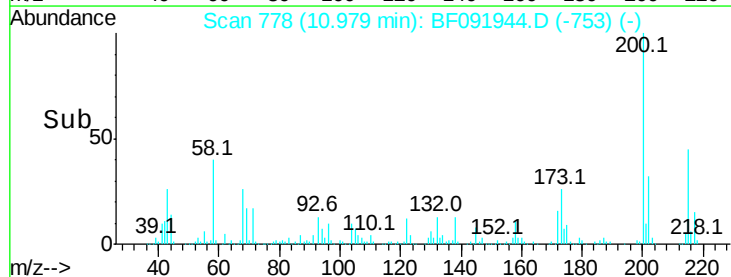
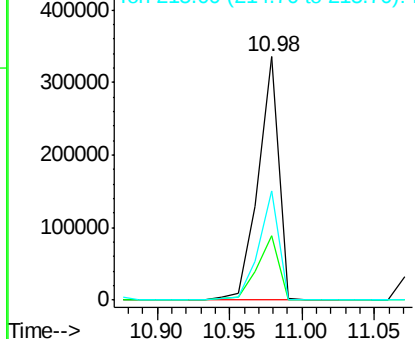


#68
Atrazine
Concen: 54.90 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	9.6	49.6
215	44.7	25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

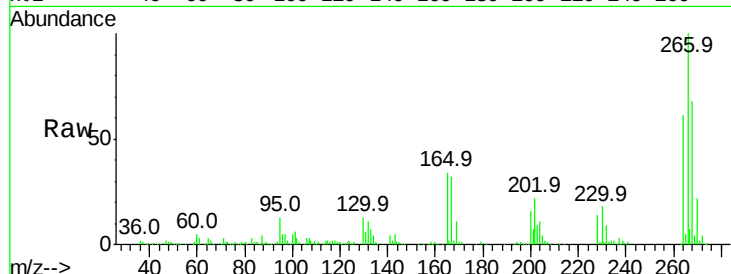




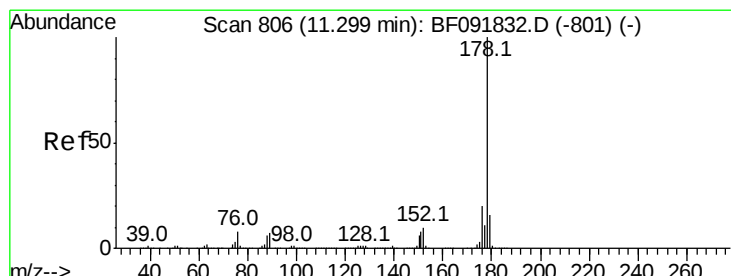
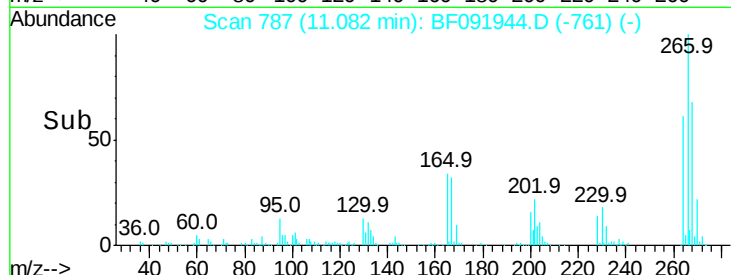
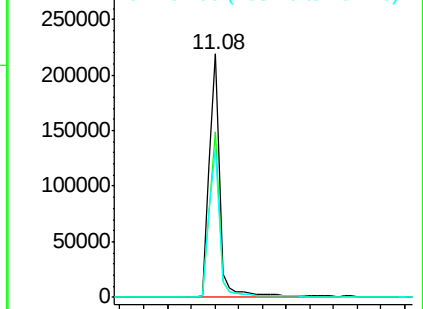
#69
 Pentachlorophenol
 Concen: 80.85 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.9	53.3	79.9
264	61.3	50.3	75.5

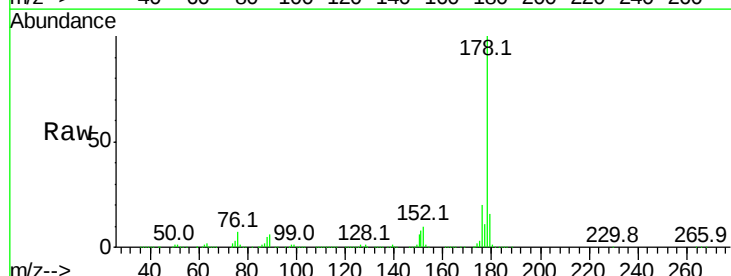


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

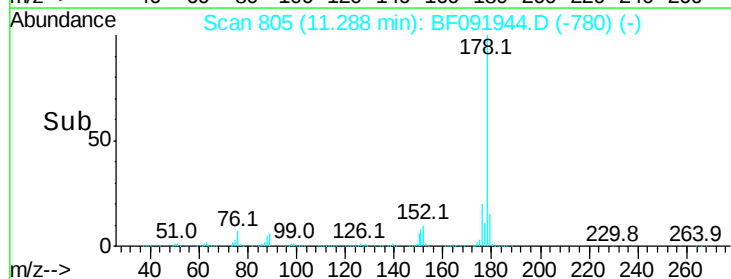
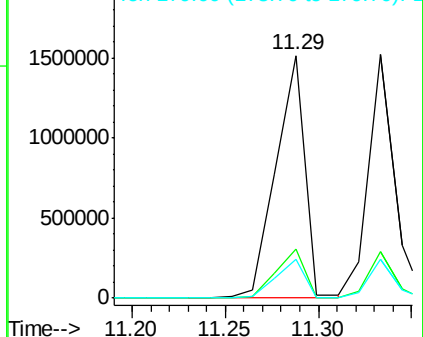


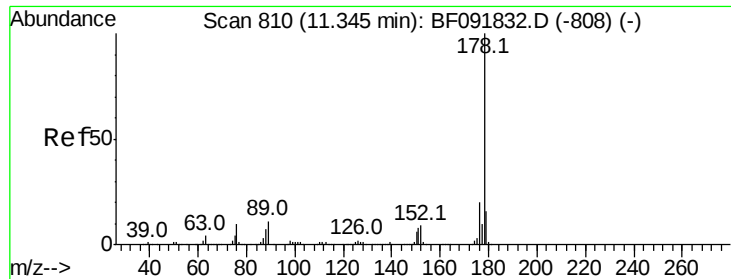
#70
 Phenanthrene
 Concen: 47.78 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.8	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: 48.93 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

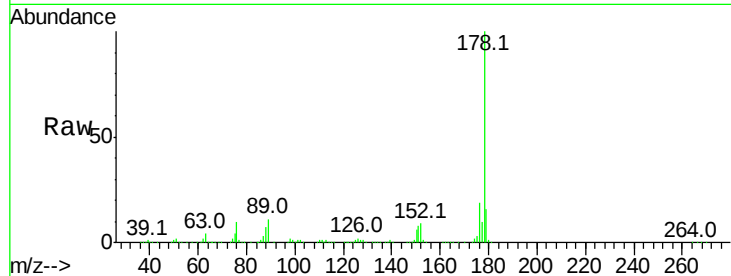
Tot Ion:178 Resp: 1435942

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

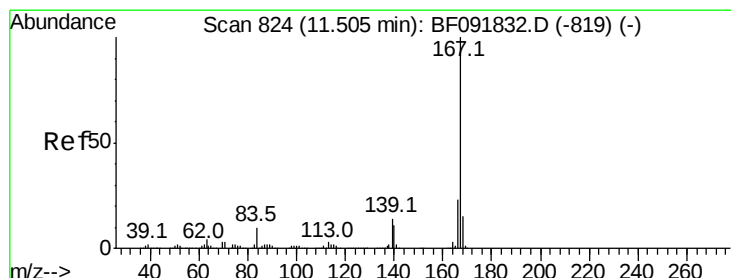
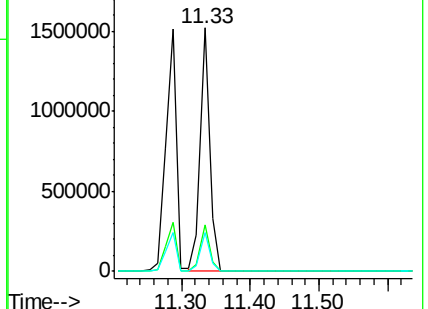
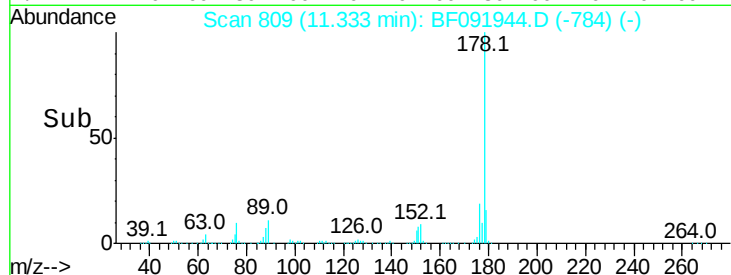
179 16.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.28 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

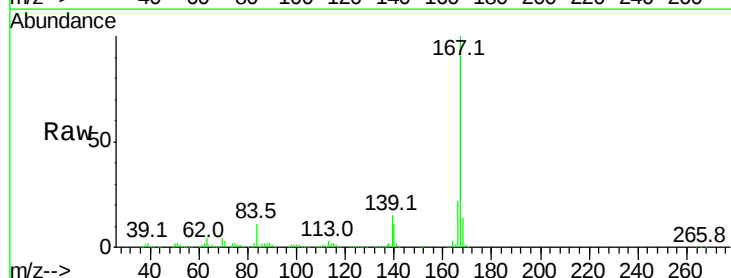
Tgt Ion:167 Resp: 1283835

Ion Ratio Lower Upper

167 100

166 21.6 18.2 27.2

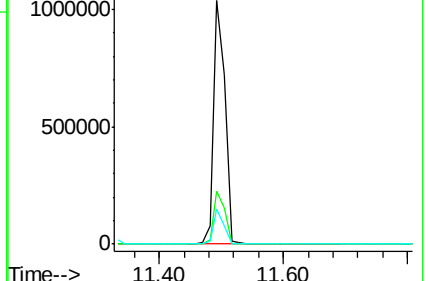
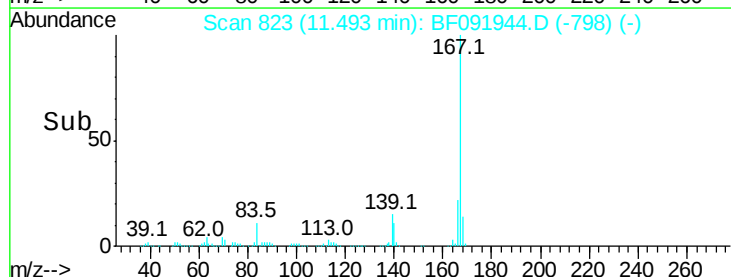
139 14.6 11.4 17.2

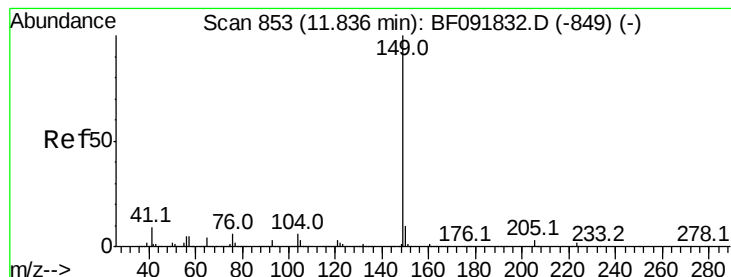


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 52.14 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

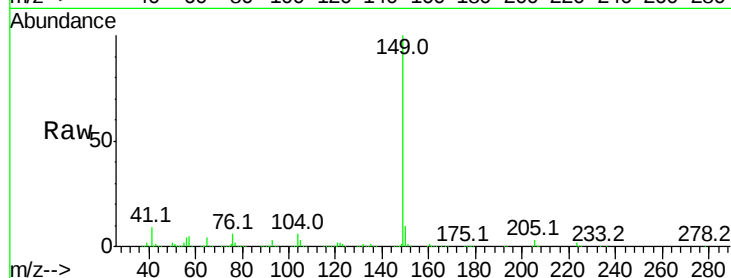
Tot Ion:149 Resp: 1664334

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

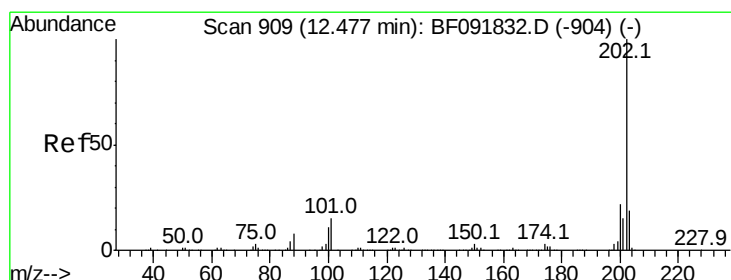
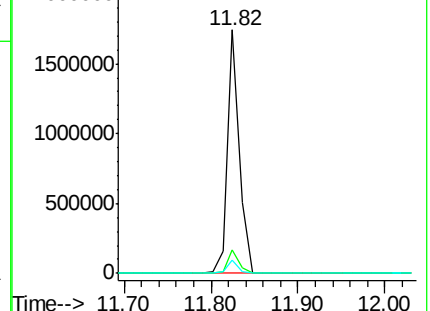
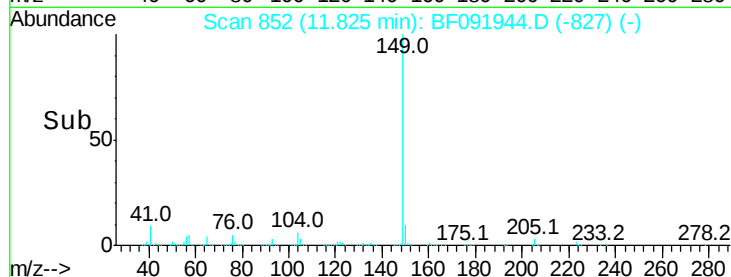
104 5.6 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.92 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

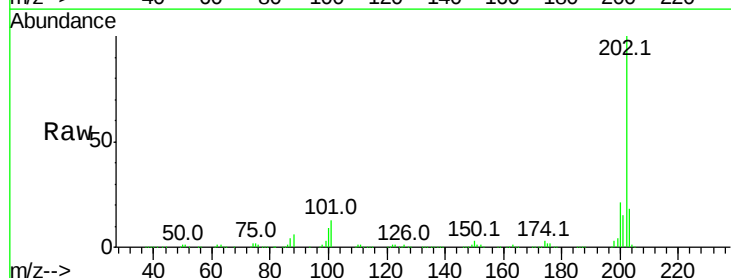
Tgt Ion:202 Resp: 1289855

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.6

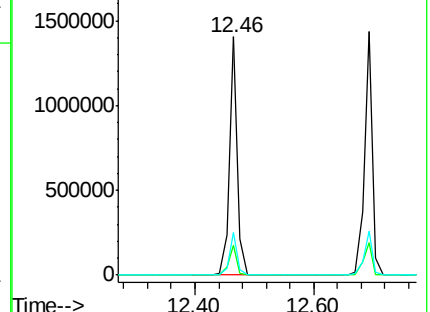
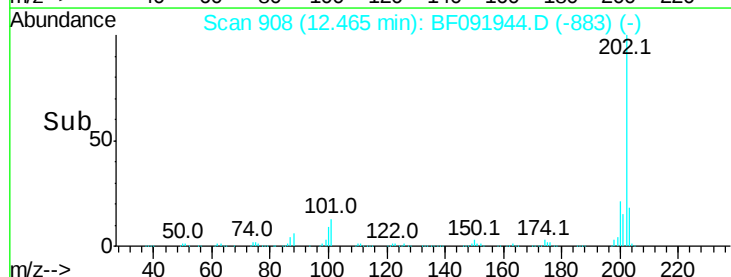
203 17.9 0.0 38.7

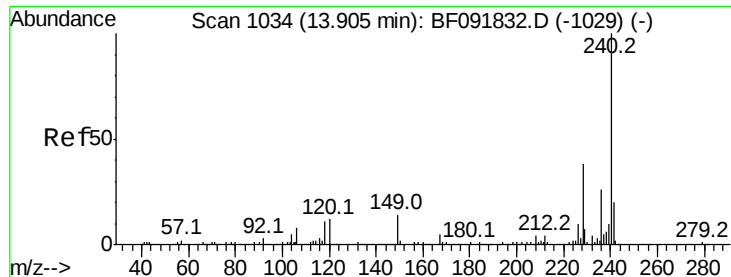


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

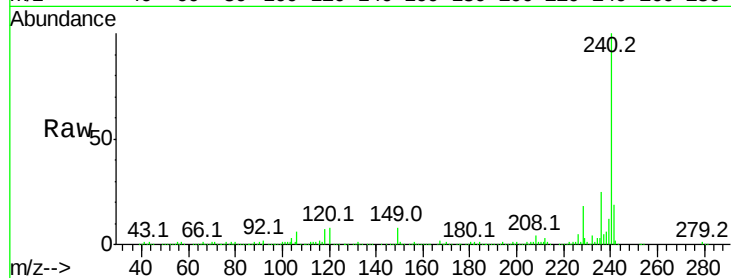
Tot Ion:240 Resp: 394273

Ion Ratio Lower Upper

240 100

120 8.0 12.9 19.3#

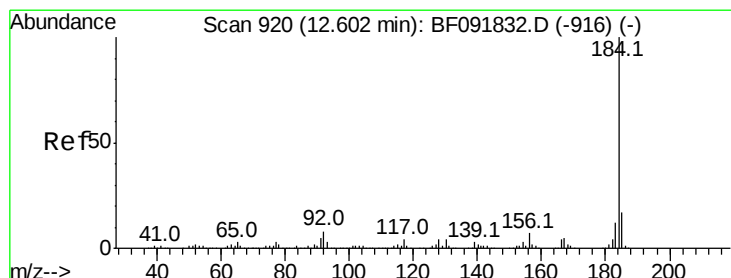
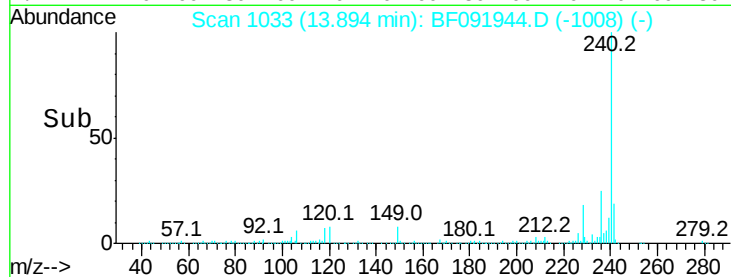
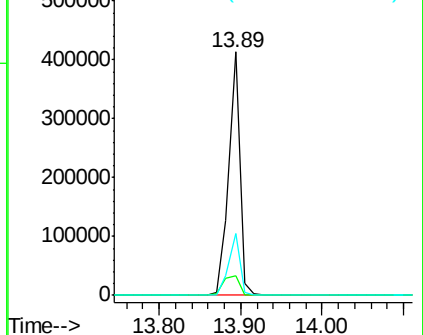
236 25.3 20.9 31.3



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: 48.08 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

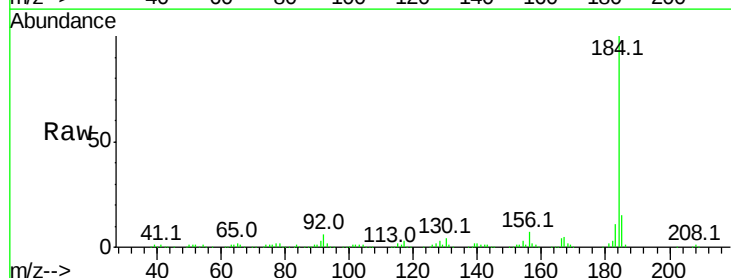
Tgt Ion:184 Resp: 475012

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

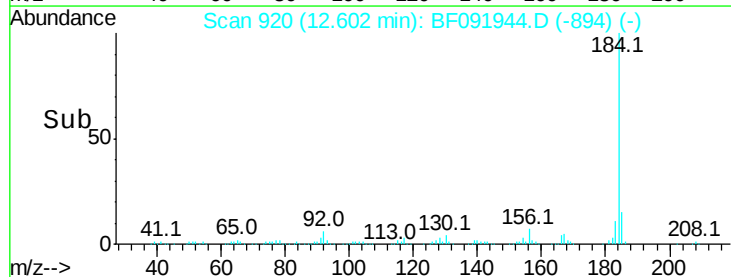
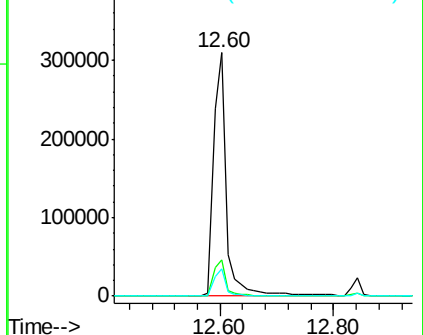
183 11.3 9.2 13.8

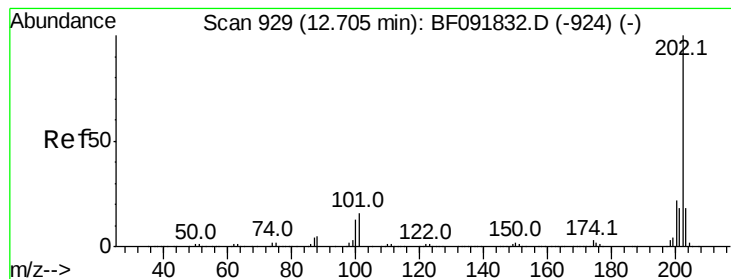


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.02 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

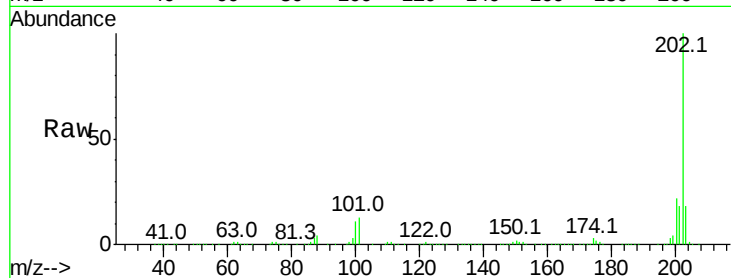
Tot Ion:202 Resp: 1331284

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

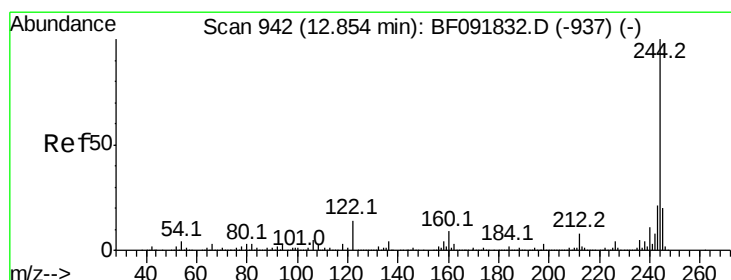
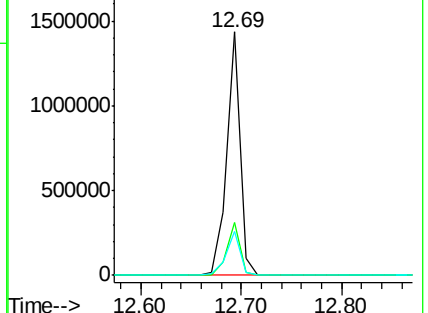
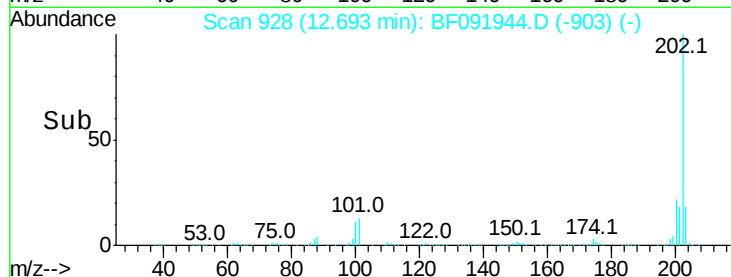
203 17.8 14.7 22.1



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: 93.62 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

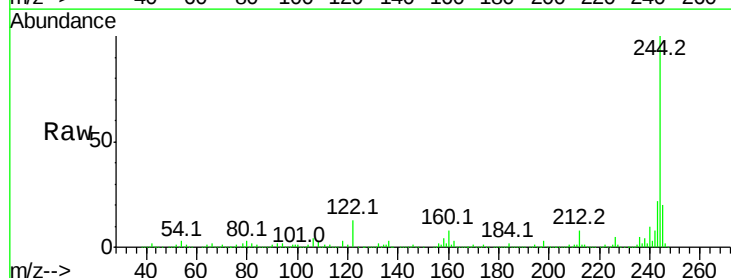
Tgt Ion:244 Resp: 1522048

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

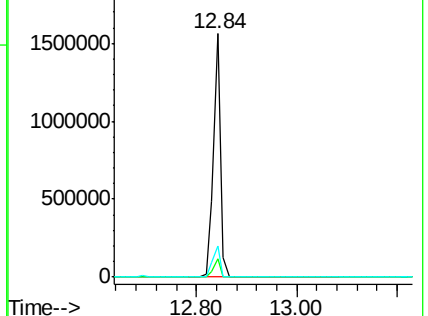
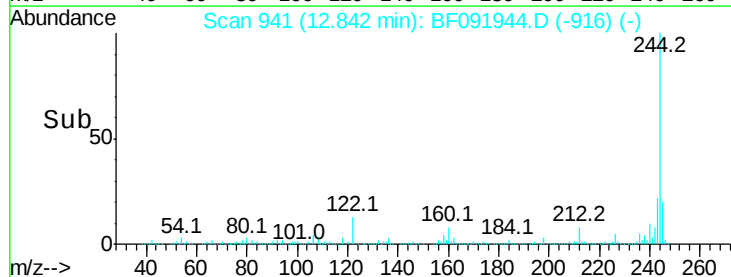
122 12.6 11.4 17.2

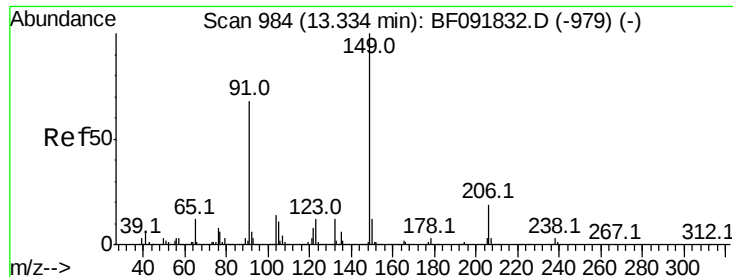


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

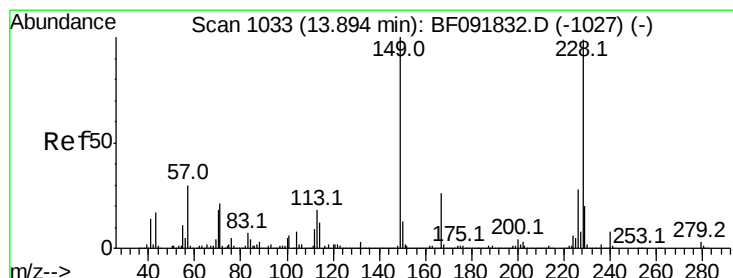
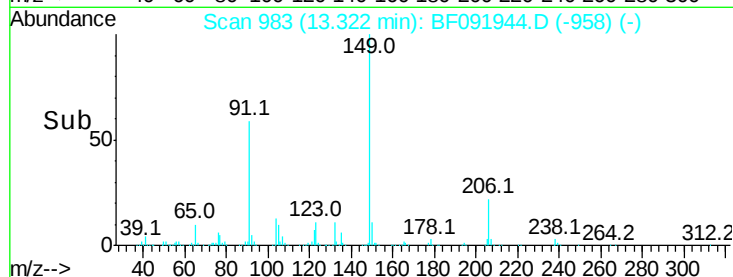
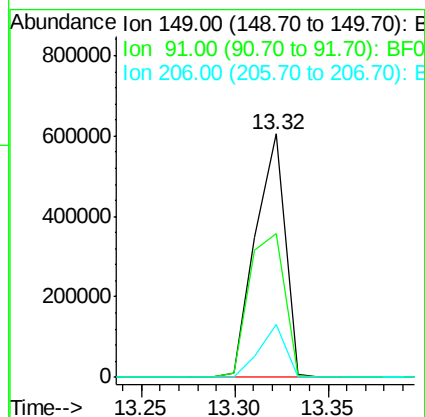
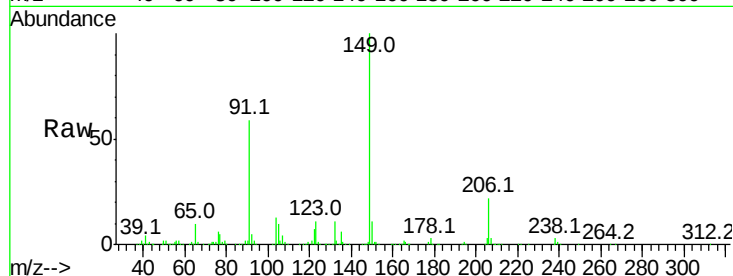




#79
Butylbenzylphthalate
Concen: 50.50 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

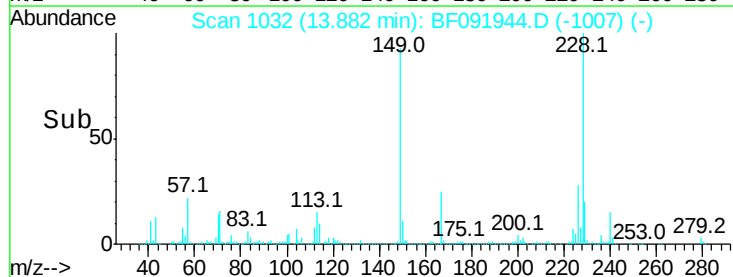
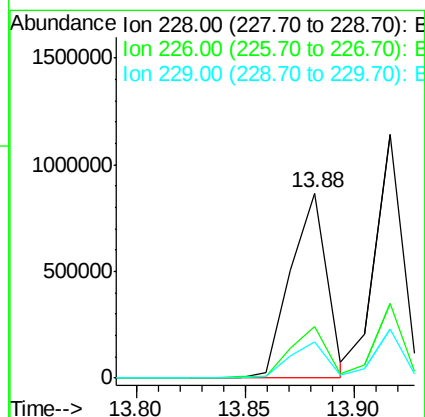
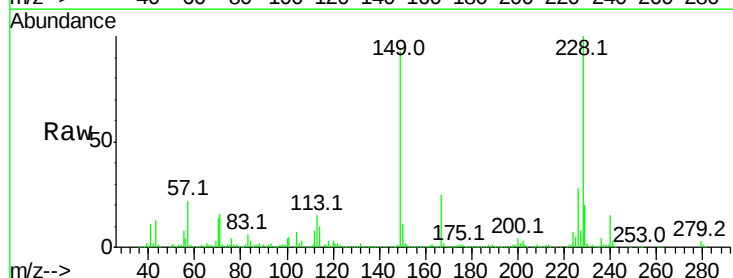
Instrument :
BNA_F
ClientSampleId :
PB95595BS

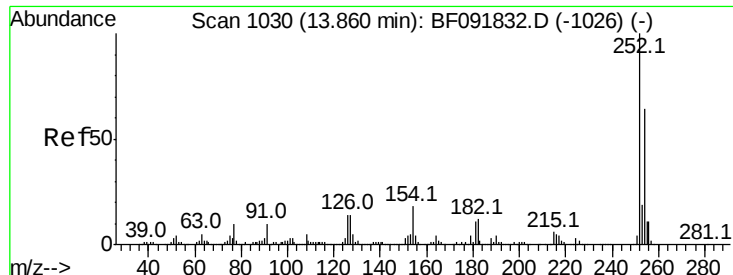
Tot Ion:149 Resp: 664450
Ion Ratio Lower Upper
149 100
91 59.2 63.9 95.9#
206 21.5 14.6 21.8



#80
Benzo(a)anthracene
Concen: 45.47 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion:228 Resp: 1012023
Ion Ratio Lower Upper
228 100
226 27.6 22.4 33.6
229 19.6 16.2 24.4

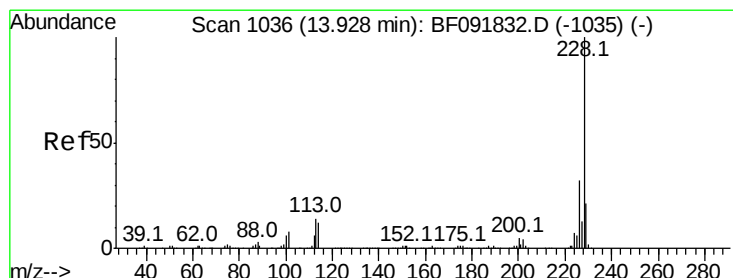
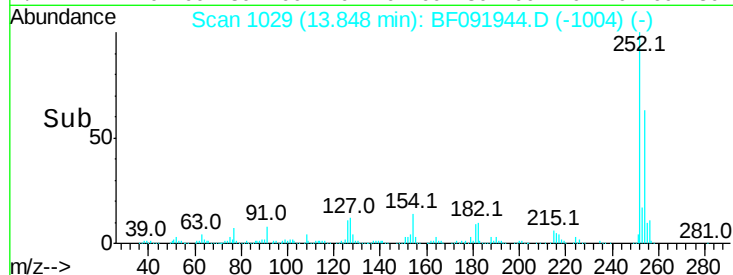
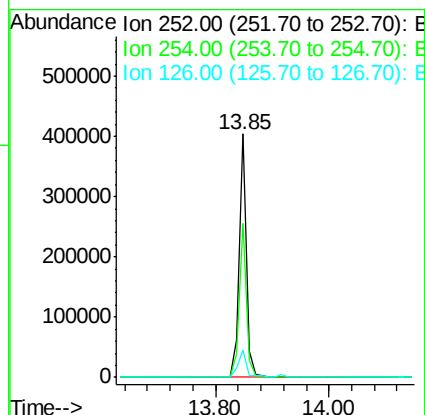
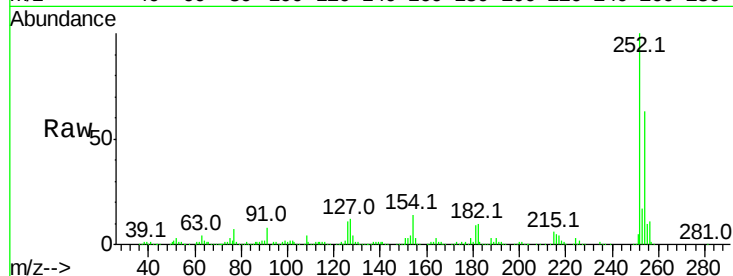




#81
 3,3'-Dichlorobenzidine
 Concen: 42.91 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

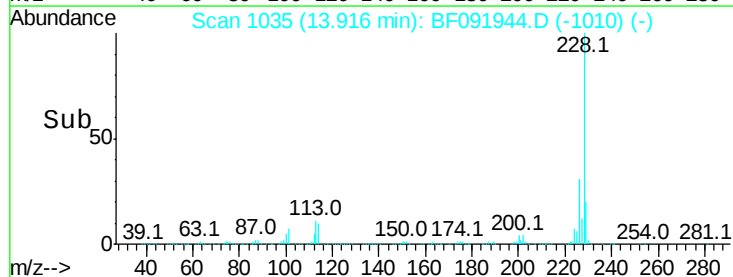
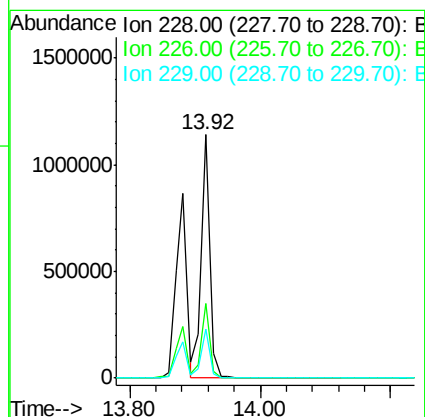
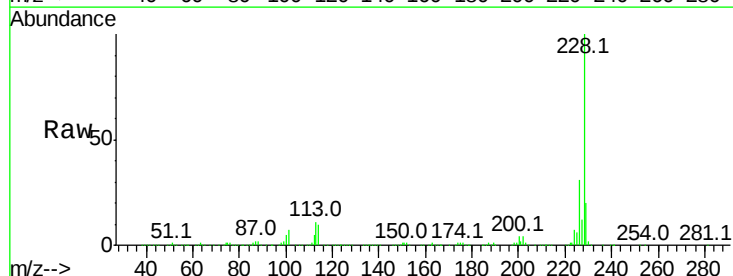
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

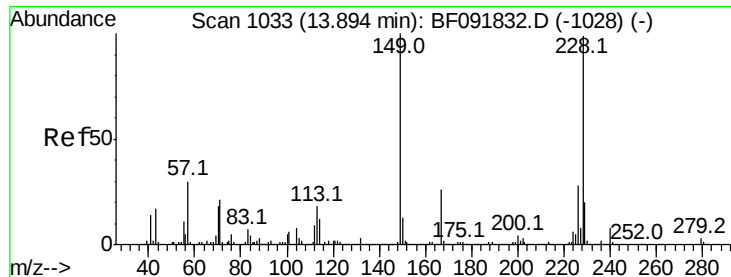
Tot Ion:252 Resp: 362138
 Ion Ratio Lower Upper
 252 100
 254 63.4 52.3 78.5
 126 11.1 13.6 20.4#



#82
 Chrysene
 Concen: 45.65 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion:228 Resp: 1019033
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.4 38.0
 229 20.3 16.2 24.2

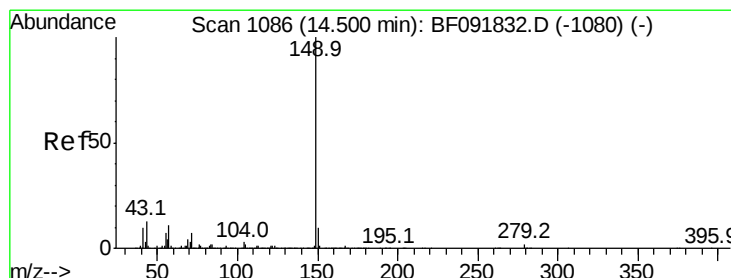
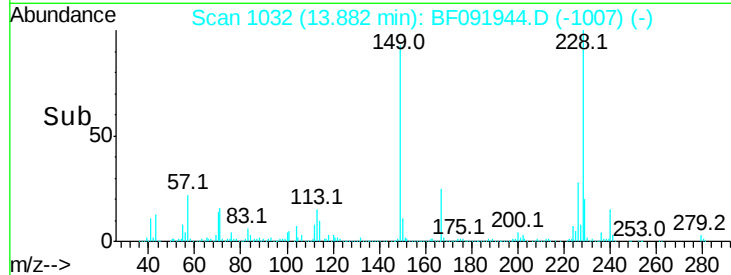
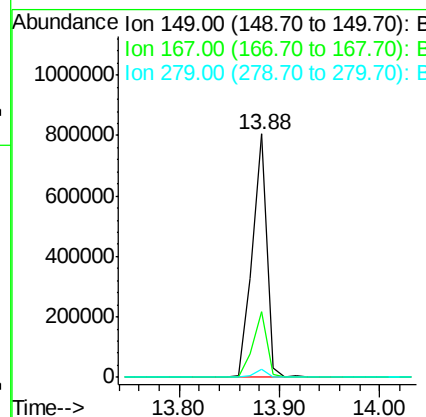
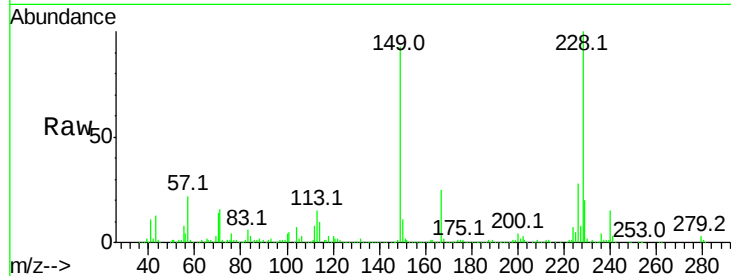




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.26 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

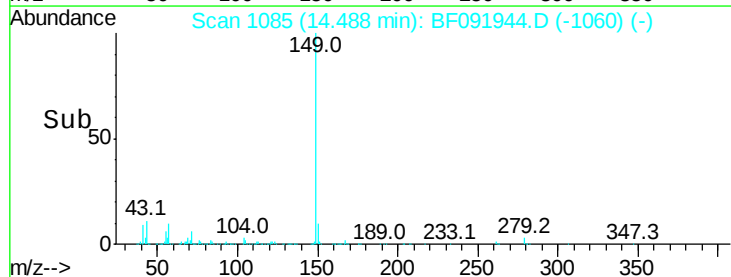
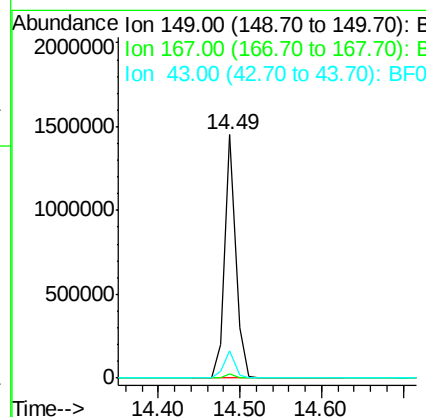
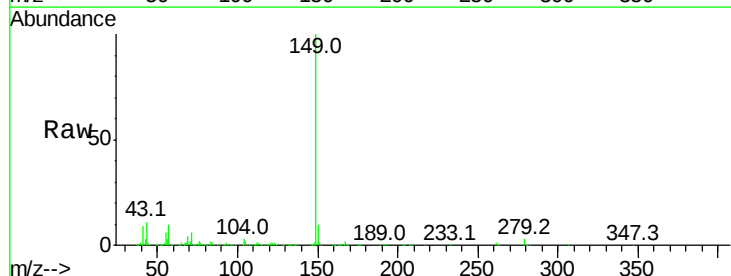
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BS

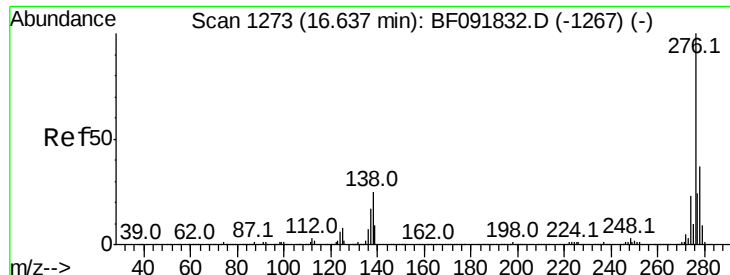
Tot Ion:149 Resp: 809726
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.2 30.4
 279 3.4 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 47.19 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF091944.D
 Acq: 24 Dec 2016 1:58

Tgt Ion:149 Resp: 1354515
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.9 8.9 13.3

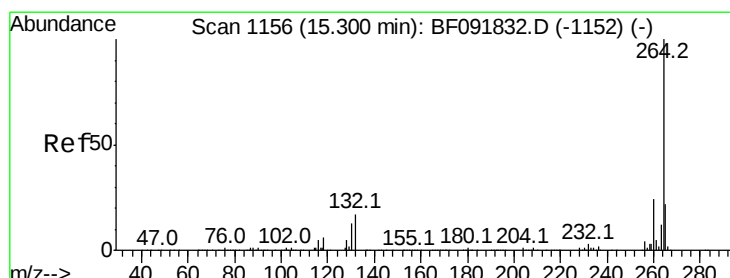
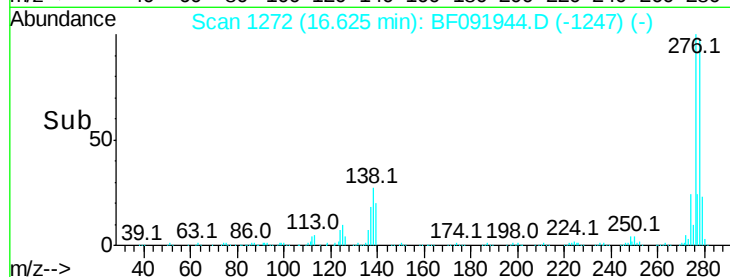
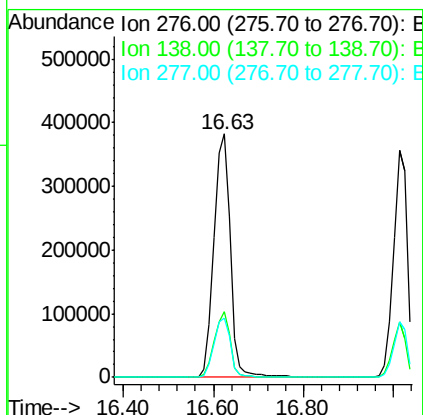
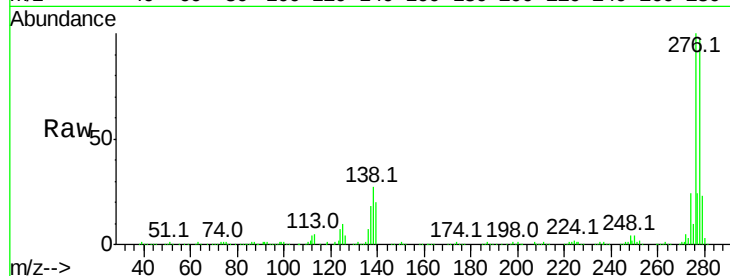




#85
Indeno(1,2,3-cd)pyrene
Concen: 50.47 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

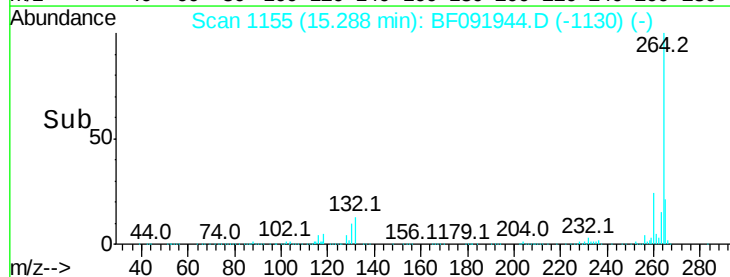
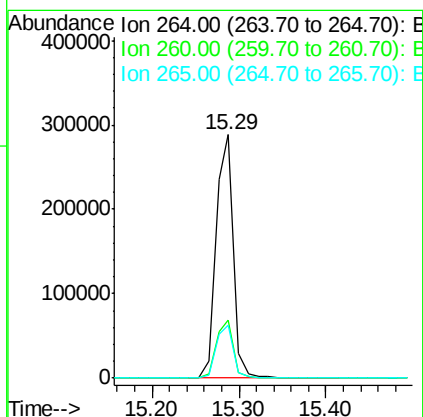
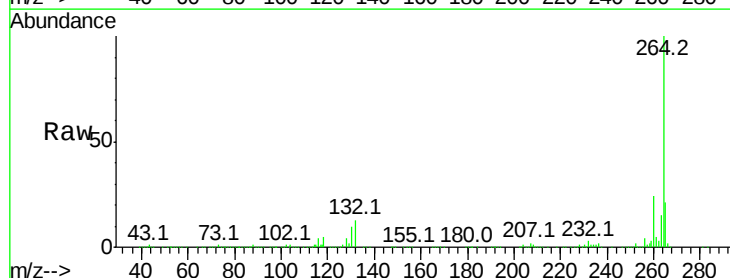
Instrument :
BNA_F
ClientSampleId :
PB95595BS

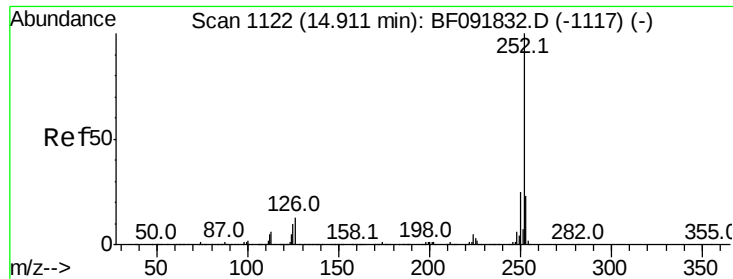
Tot Ion:276 Resp: 976026
Ion Ratio Lower Upper
276 100
138 26.2 21.8 32.6
277 24.8 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion:264 Resp: 402564
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.5 17.4 26.0

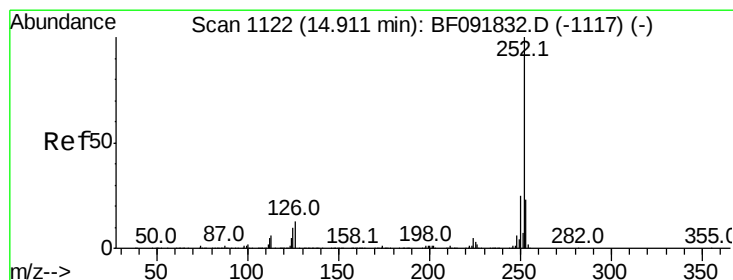
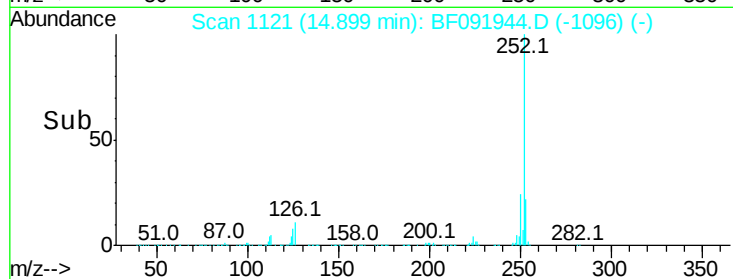
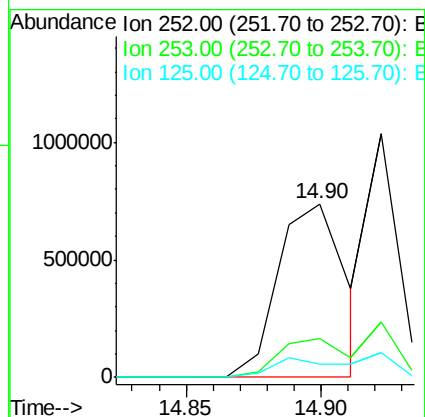
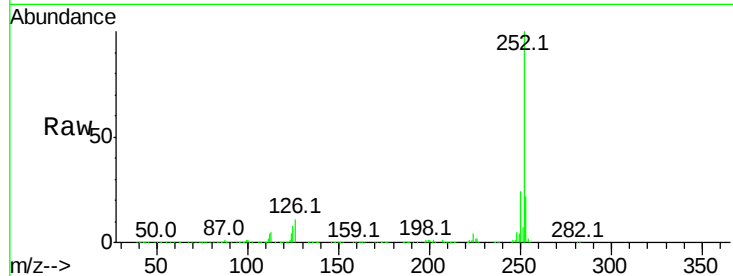




#87
Benzo(b)fluoranthene
Concen: 50.98 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

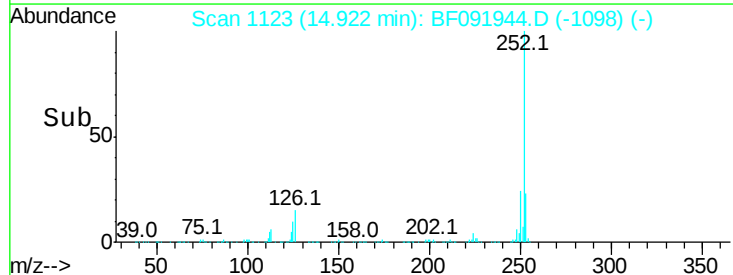
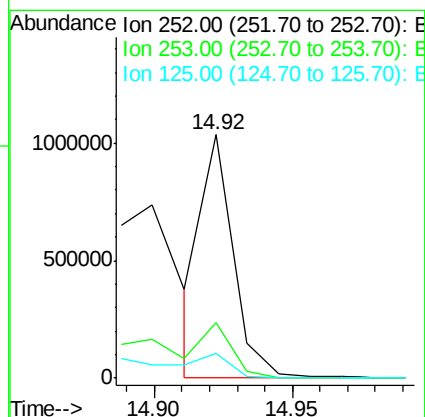
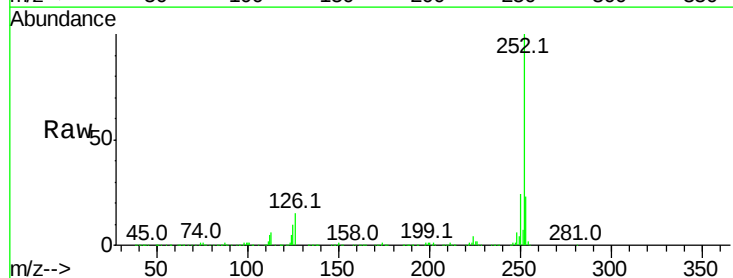
Instrument :
BNA_F
ClientSampleId :
PB95595BS

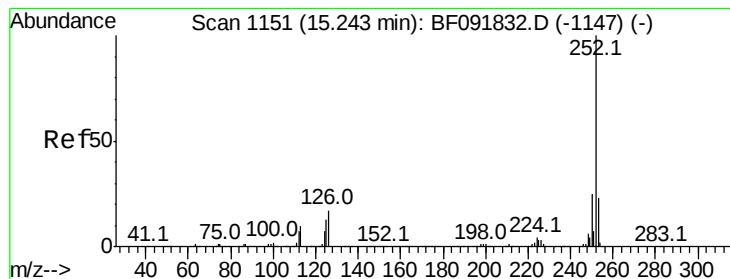
Tot Ion:252 Resp: 1277669
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 7.9 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 39.13 ng m
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091944.D
Acq: 24 Dec 2016 1:58

Tgt Ion:252 Resp: 836302
Ion Ratio Lower Upper
252 100
253 22.7 18.5 27.7
125 10.1 8.9 13.3





#89

Benzo(a)pyrene

Concen: 45.82 ng

RT: 15.23 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

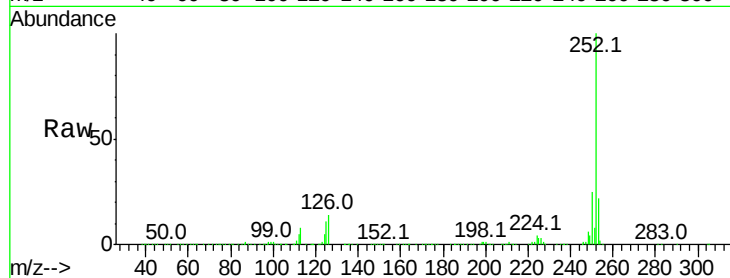
Tot Ion:252 Resp: 1019233

Ion Ratio Lower Upper

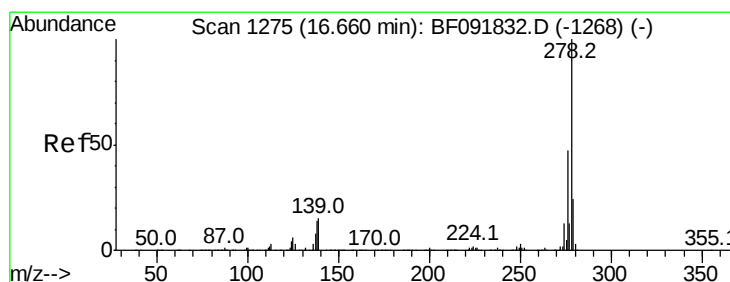
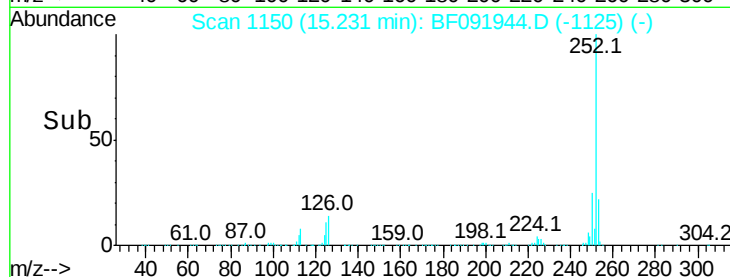
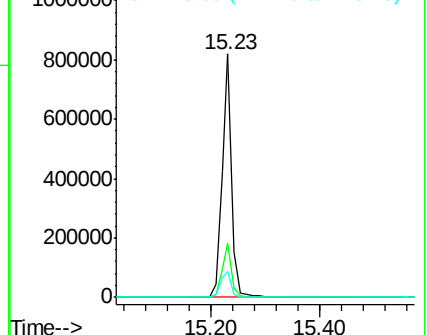
252 100

253 22.2 18.2 27.2

125 10.7 10.0 15.0



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



#90

Dibenzo(a,h)anthracene

Concen: 44.56 ng

RT: 16.64 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

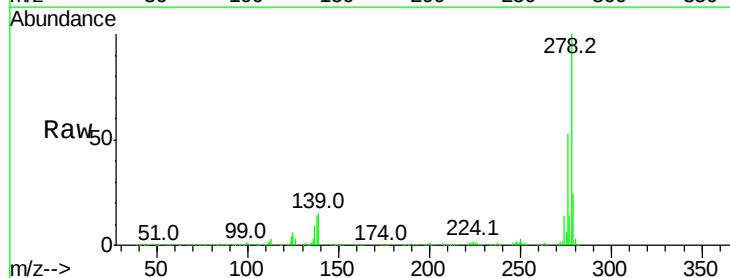
Tgt Ion:278 Resp: 814693

Ion Ratio Lower Upper

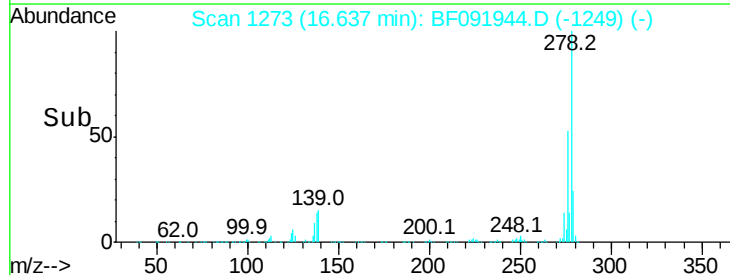
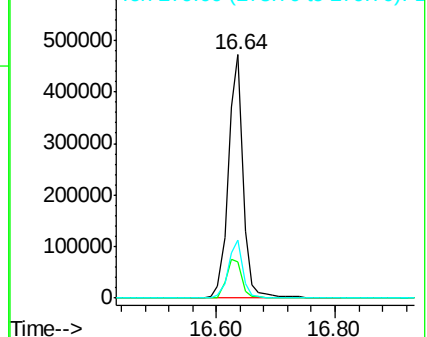
278 100

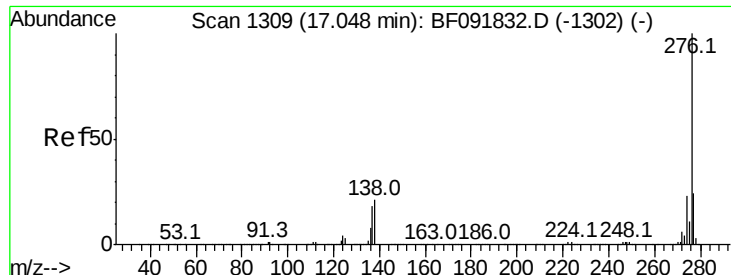
139 14.9 14.8 22.2

279 24.0 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.46 ng

RT: 17.01 min Scan# 1306

Delta R.T. -0.03 min

Lab File: BF091944.D

Acq: 24 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

PB95595BS

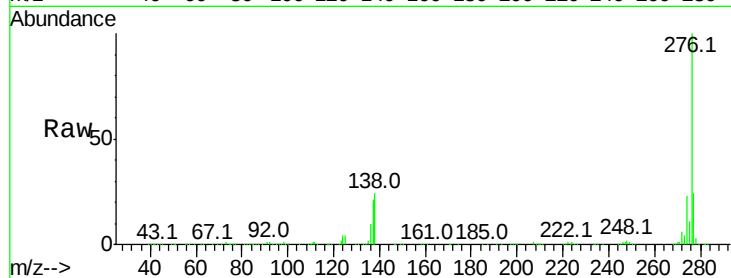
Tot Ion:276 Resp: 788297

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 24.3 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

