

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
 Data File : BF091969.D
 Acq On : 27 Dec 2016 15:54
 Operator : UM/SJ
 Sample : PB95629BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95629BS

Quant Time: Dec 28 00:39:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	213713	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	908228	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	477659	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	760275	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	566130	20.00	ng	-0.01
86) Perylene-d12	15.29	264	471897	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1601502	125.12	ng	0.01
7) Phenol-d6	6.41	99	1687992	108.02	ng	0.00
23) Nitrobenzene-d5	7.30	82	1066520	65.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	374620	94.77	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1890189	80.38	ng	-0.01
78) Terphenyl-d14	12.84	244	1622171	69.49	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	252222	40.03	ng	95
3) Pyridine	2.99	79	684791	31.14	ng	98
4) n-Nitrosodimethylamine	2.94	42	338791	40.84	ng	97
6) Aniline	6.41	93	439924	21.67	ng	# 64
8) 2-Chlorophenol	6.53	128	607800	41.75	ng	87
9) Benzaldehyde	6.27	77	63725	5.29	ng	99
10) Phenol	6.43	94	712023	39.99	ng	# 64
11) bis(2-Chloroethyl)ether	6.48	93	718746	50.73	ng	88
12) 1,3-Dichlorobenzene	6.67	146	627832m	40.39	ng	
13) 1,4-Dichlorobenzene	6.75	146	636052	40.21	ng	94
14) 1,2-Dichlorobenzene	6.90	146	547267	39.87	ng	97
15) Benzyl Alcohol	6.89	79	405649	33.41	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	822610	38.99	ng	83
17) 2-Methylphenol	7.02	107	491309	41.96	ng	# 89
18) Hexachloroethane	7.24	117	238179	40.61	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	499938	48.09	ng	94
20) 3+4-Methylphenols	7.18	107	708765	50.75	ng	# 73
22) Acetophenone	7.15	105	923924	41.24	ng	# 90
24) Nitrobenzene	7.32	77	708678	40.74	ng	95
25) Isophorone	7.56	82	1181608	39.21	ng	96
26) 2-Nitrophenol	7.64	139	354743	41.35	ng	# 88
27) 2,4-Dimethylphenol	7.70	122	509748	35.82	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	780139	42.69	ng	99
29) 2,4-Dichlorophenol	7.90	162	506425	42.03	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	508619	38.52	ng	# 95
31) Naphthalene	8.04	128	1695519	40.79	ng	99
32) Benzoic acid	7.85	122	327582	31.04	ng	95
33) 4-Chloroaniline	8.14	127	312299	16.66	ng	96
34) Hexachlorobutadiene	8.16	225	282818	40.58	ng	99
35) Caprolactam	8.48	113	150292m	37.96	ng	
36) 4-Chloro-3-methylphenol	8.61	107	541794	39.08	ng	99
37) 2-Methylnaphthalene	8.74	142	1108422	43.46	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	447987	37.12	ng	# 98
40) Hexachlorocyclopentadiene	8.89	237	423097	78.78	ng	95

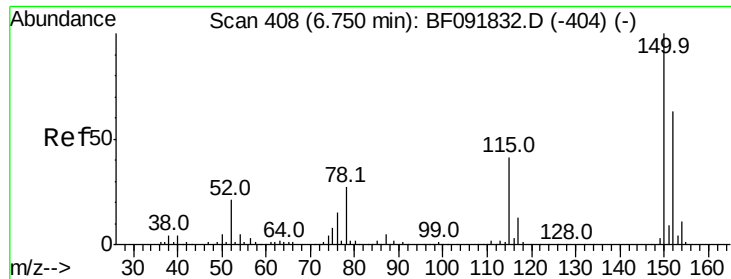
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122716\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	328185	38.89	nq	97
43) 2,4,5-Trichlorophenol	9.08	196	337267	38.83	nq	# 89
45) 1,1'-Biphenyl	9.20	154	1253454	38.33	nq	97
46) 2-Chloronaphthalene	9.22	162	983638	37.98	nq	94
47) 2-Nitroaniline	9.33	65	375431	40.71	nq	# 77
48) Acenaphthylene	9.64	152	1596790	40.09	nq	98
49) Dimethylphthalate	9.50	163	1256790	41.14	nq	99
50) 2,6-Dinitrotoluene	9.57	165	306307	45.81	nq	93
51) Acenaphthene	9.81	154	988598	36.61	nq	98
52) 3-Nitroaniline	9.74	138	202946	24.52	nq	84
53) 2,4-Dinitrophenol	9.85	184	226720	60.94	nq	# 52
54) Dibenzofuran	9.98	168	1441092	39.51	nq	94
55) 4-Nitrophenol	9.94	139	371901	66.19	nq	96
56) 2,4-Dinitrotoluene	9.97	165	340238	40.54	nq	# 84
57) Fluorene	10.33	166	1064801	40.13	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	294801	42.91	nq	98
59) Diethylphthalate	10.20	149	1204223	40.59	nq	100
60) 4-Chlorophenyl-phenylether	10.32	204	488008	42.00	nq	95
61) 4-Nitroaniline	10.36	138	302585	35.29	nq	96
62) Azobenzene	10.48	77	1440267	44.09	nq	96
64) 4,6-Dinitro-2-methylphenol	10.38	198	203449	44.25	nq	81
65) n-Nitrosodiphenylamine	10.44	169	1011565	44.84	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	339783	42.96	nq	# 82
67) Hexachlorobenzene	10.86	284	326498	38.62	nq	# 78
68) Atrazine	10.98	200	278136	38.22	nq	93
69) Pentachlorophenol	11.07	266	305163	73.57	nq	99
70) Phenanthrene	11.28	178	1552090	37.65	nq	99
71) Anthracene	11.33	178	1756722	49.93	nq	100
72) Carbazole	11.49	167	1391013	38.49	nq	100
73) Di-n-butylphthalate	11.83	149	1767777	45.28	nq	99
74) Fluoranthene	12.47	202	1628494	45.03	nq	97
76) Benzidine	12.59	184	691945	49.01	nq	97
77) Pyrene	12.69	202	1693253	40.76	nq	100
79) Butylbenzylphthalate	13.32	149	805105	42.62	nq	89
80) Benzo(a)anthracene	13.88	228	1320585	41.32	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	398109	32.85	nq	98
82) Chrysene	13.92	228	1104049	34.44	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	926546	41.65	nq	99
84) Di-n-octyl phthalate	14.49	149	1682313	40.82	nq	98
85) Indeno(1,2,3-cd)pyrene	16.63	276	1151428	41.46	nq	99
87) Benzo(b)fluoranthene	14.90	252	1231615m	41.92	nq	
88) Benzo(k)fluoranthene	14.92	252	991198m	39.56	nq	
89) Benzo(a)pyrene	15.23	252	1058794	40.60	nq	99
90) Dibenzo(a,h)anthracene	16.64	278	950868	44.36	nq	99
91) Benzo(g,h,i)perylene	17.03	276	984031	44.15	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091969.D

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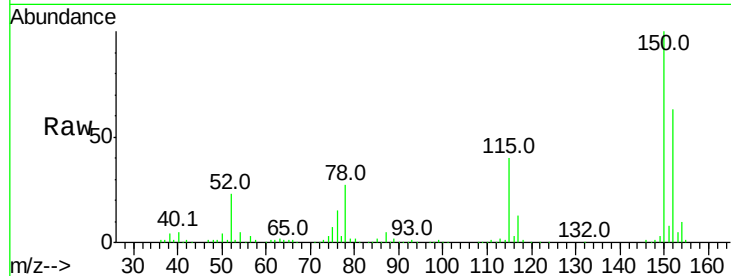
Tot Ion:152 Resp: 213713

Ion Ratio Lower Upper

152 100

150 159.4 124.9 187.3

115 64.1 46.0 69.0

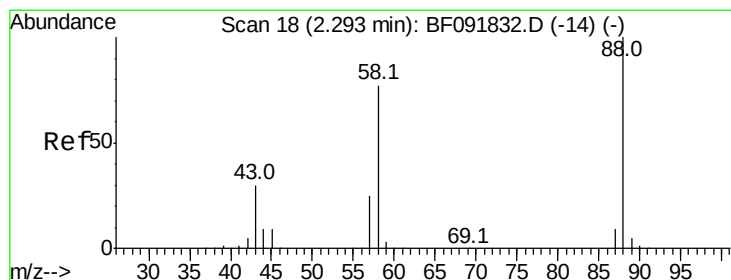
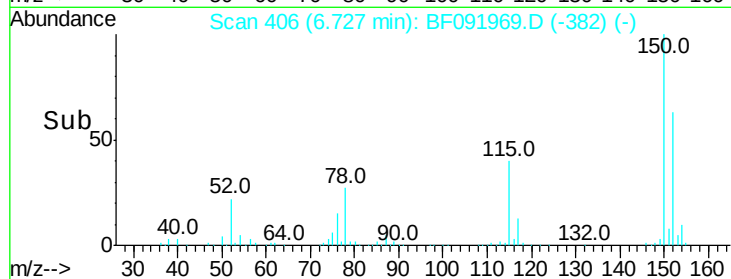
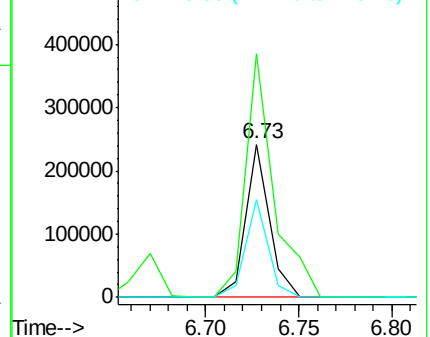


Abundance

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: 40.03 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

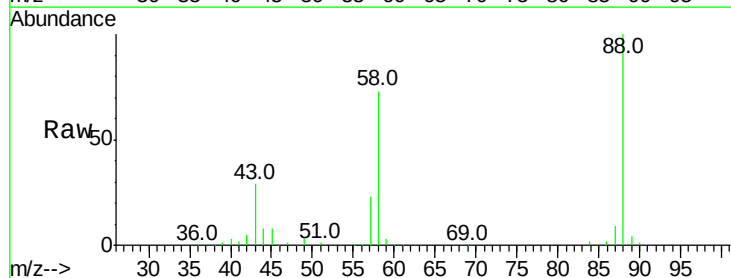
Tgt Ion: 88 Resp: 252222

Ion Ratio Lower Upper

88 100

58 75.6 57.8 86.8

43 31.2 22.3 33.5

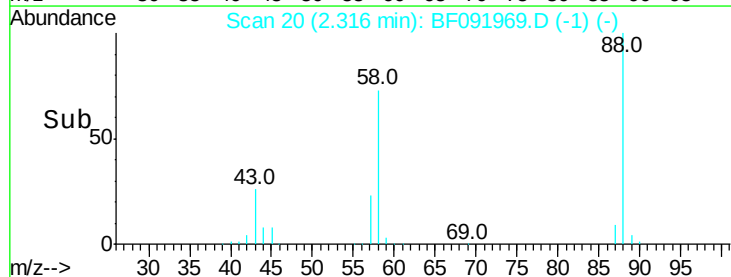
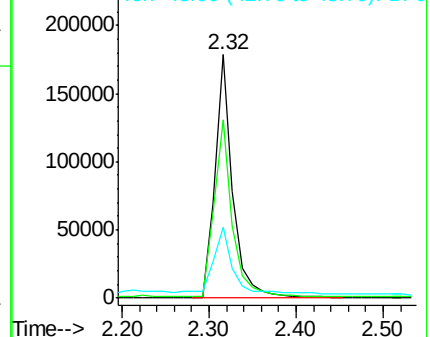


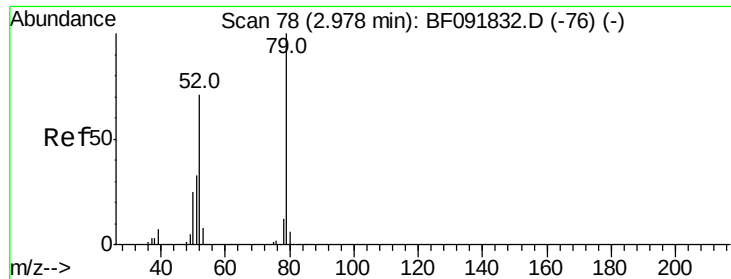
Abundance

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

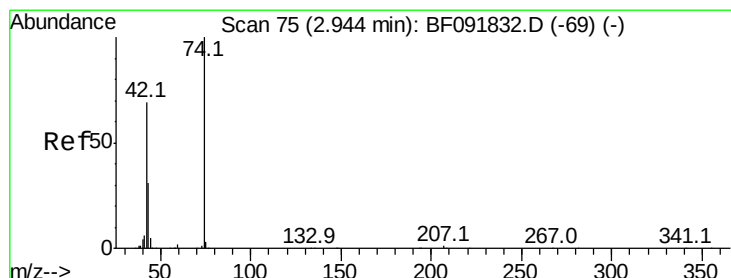
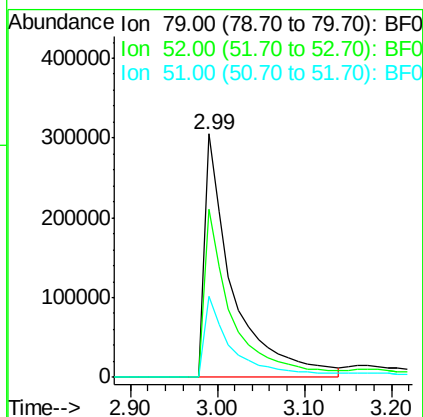
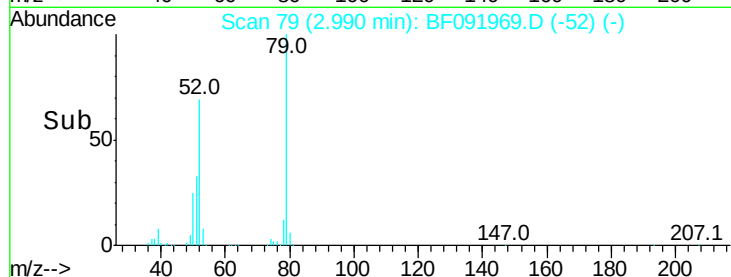
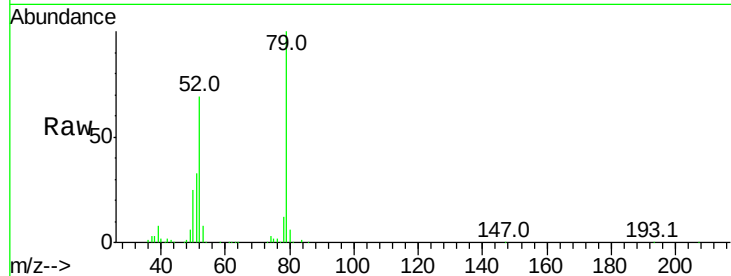




#3
 Pvridine
 Concen: 31.14 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.01 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

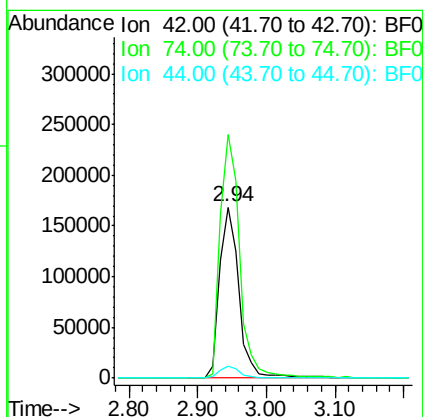
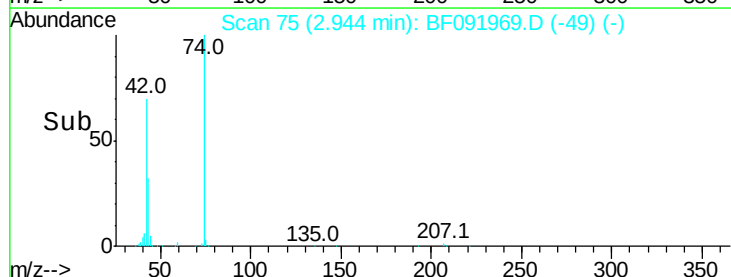
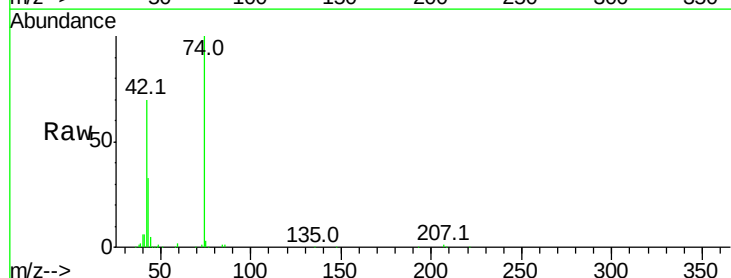
Instrument :
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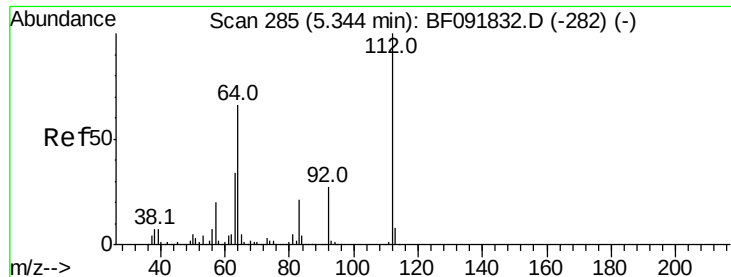
Tot Ion: 79 Resp: 684791
 Ion Ratio Lower Upper
 79 100
 52 69.1 57.1 85.7
 51 33.1 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 40.84 ng
 RT: 2.94 min Scan# 75
 Delta R.T. 0.00 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

Tgt Ion: 42 Resp: 338791
 Ion Ratio Lower Upper
 42 100
 74 142.6 117.0 175.4
 44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 125.12 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

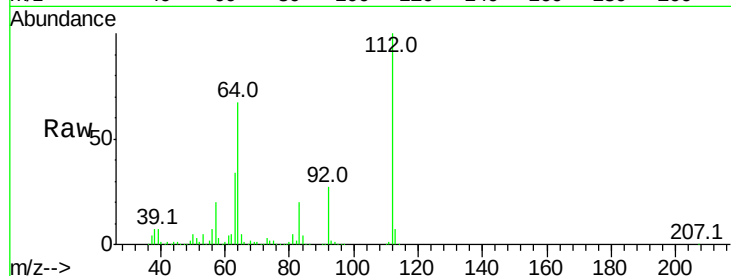
Tot Ion:112 Resp: 1601502

Ion Ratio Lower Upper

112 100

64 66.9 46.1 69.1

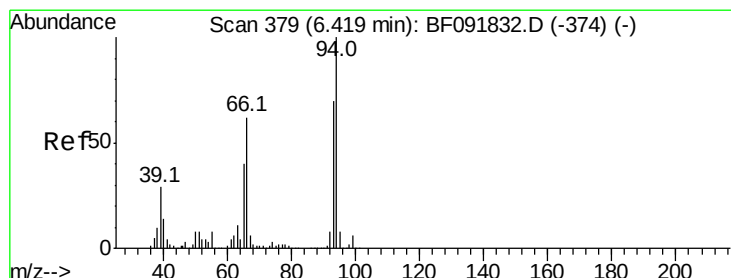
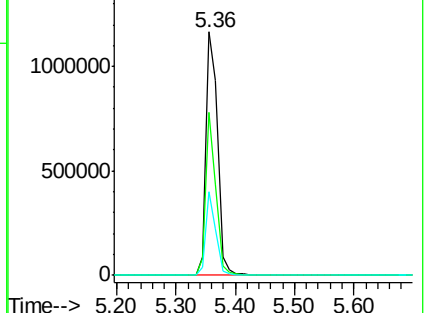
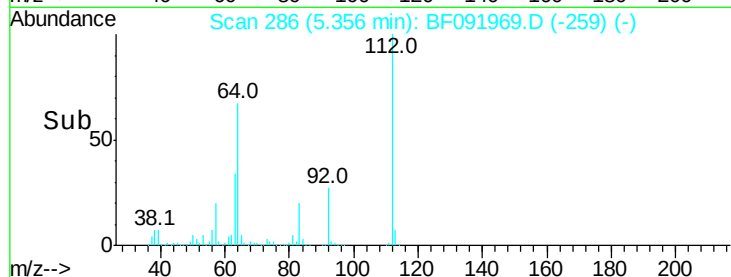
63 34.2 23.8 35.6



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: 21.67 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

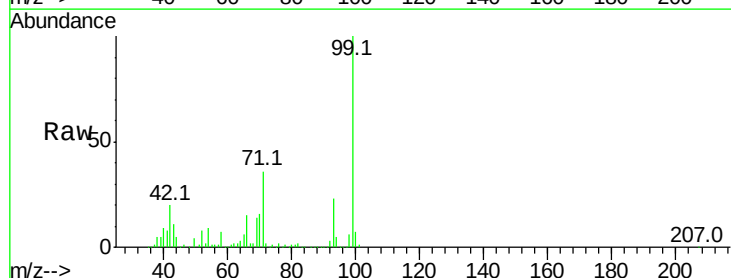
Tgt Ion: 93 Resp: 439924

Ion Ratio Lower Upper

93 100

66 65.0 76.2 114.2#

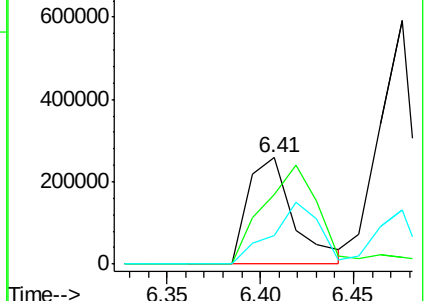
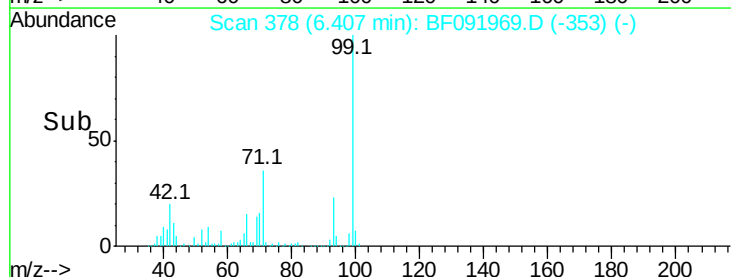
65 27.2 49.3 73.9#

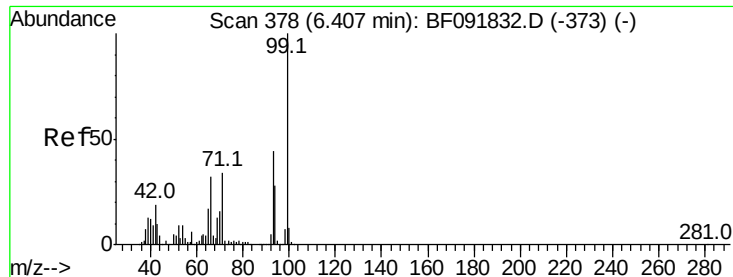


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.02 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

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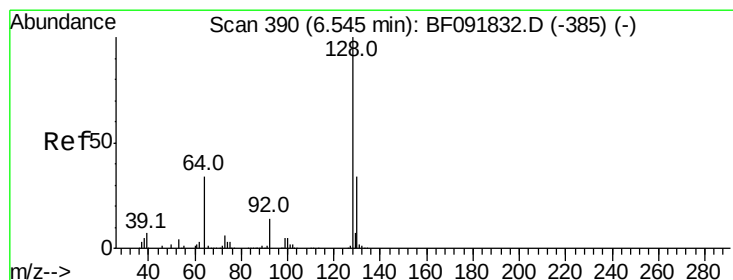
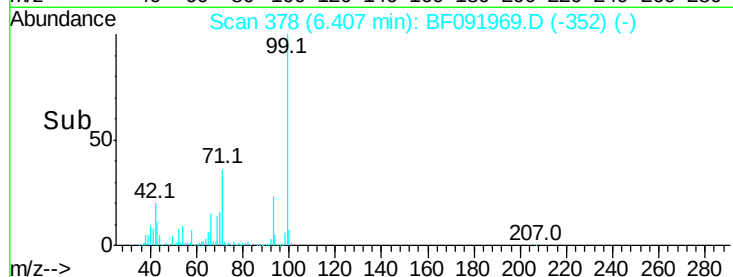
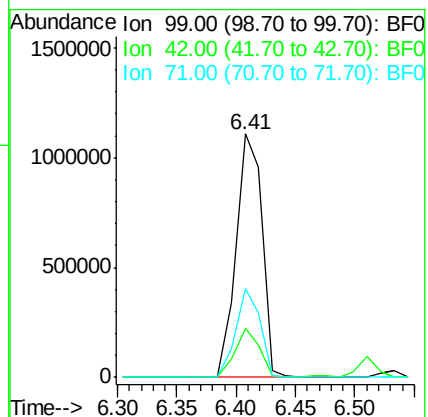
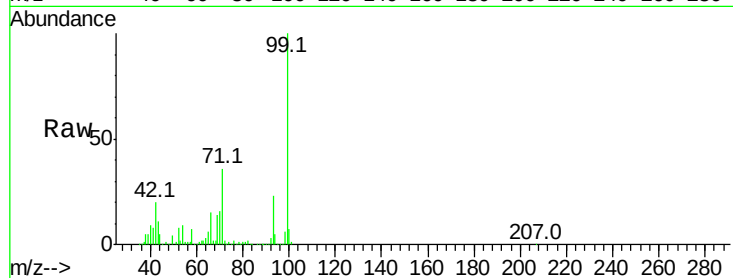
Tot Ion: 99 Resp: 1687992

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

71 36.2 27.5 41.3



#8

2-Chlorophenol

Concen: 41.75 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

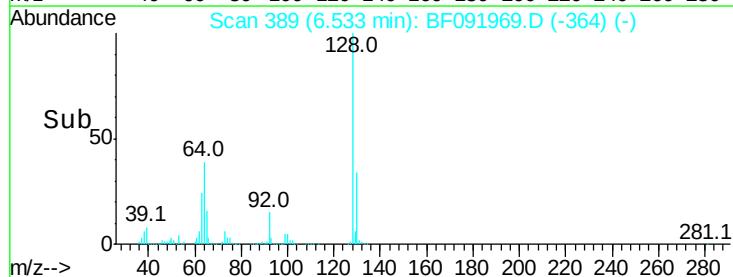
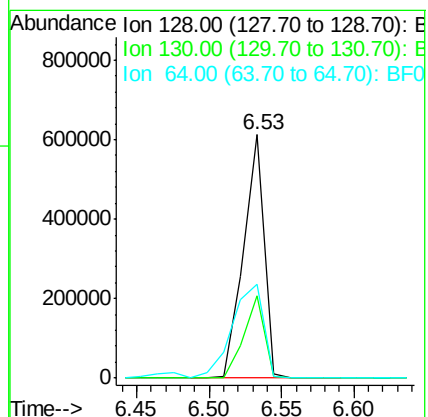
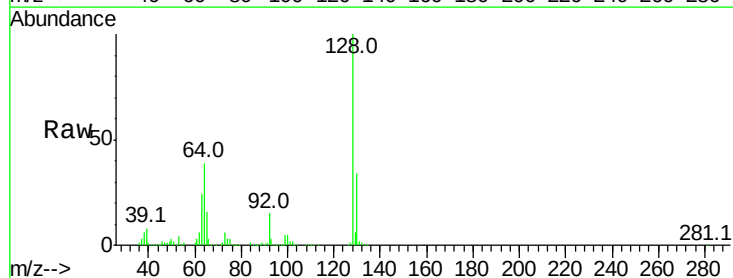
Tgt Ion: 128 Resp: 607800

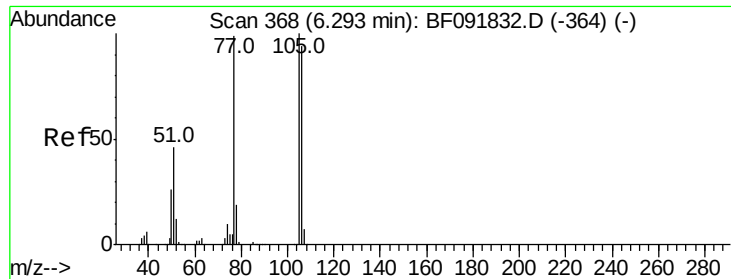
Ion Ratio Lower Upper

128 100

130 33.9 12.3 52.3

64 38.7 32.2 72.2

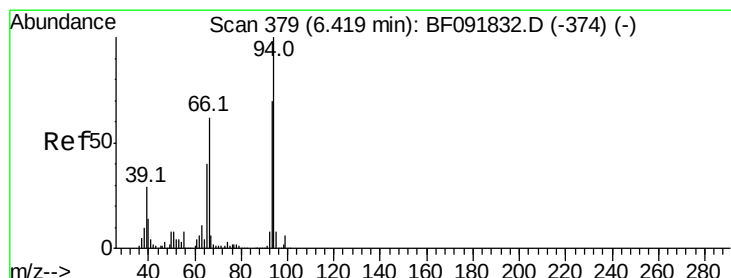
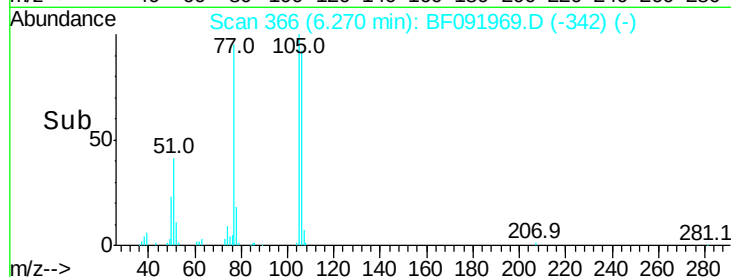
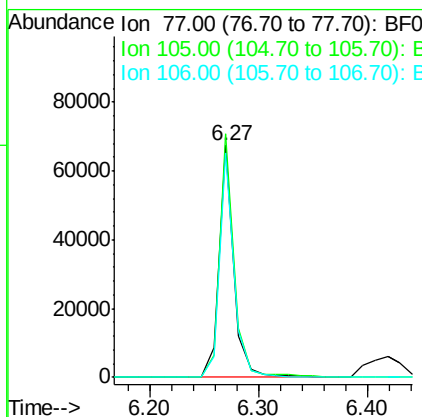
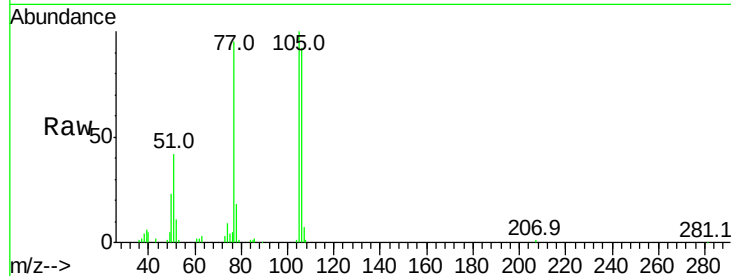




#9
Benzaldehyde
Concen: 5.29 ng
RT: 6.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

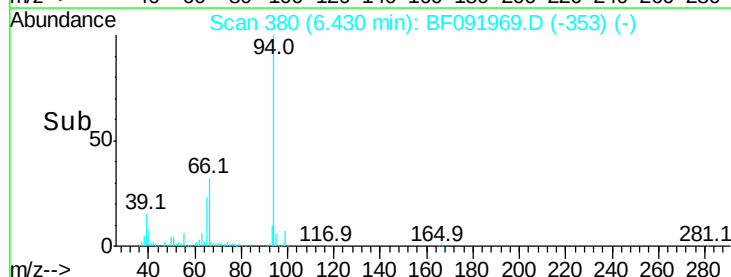
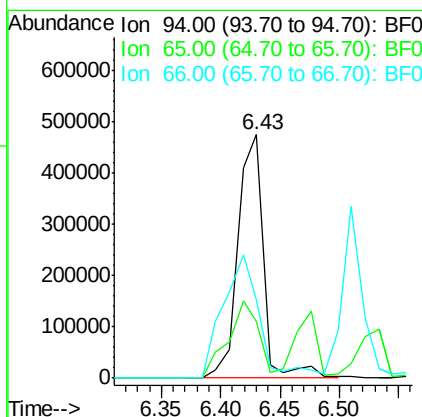
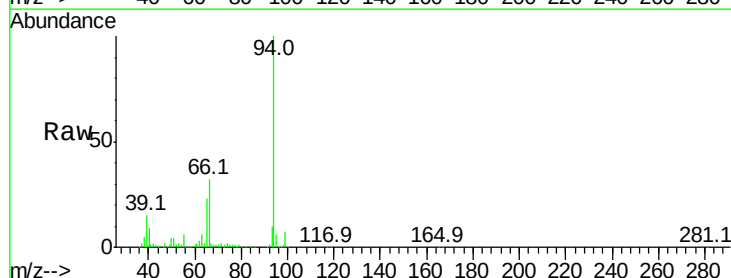
Instrument :
BNA_F
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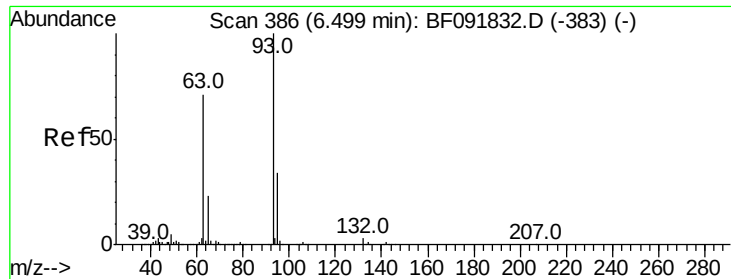
Tot Ion: 77 Resp: 63725
Ion Ratio Lower Upper
77 100
105 104.9 83.9 123.9
106 96.9 77.6 117.6



#10
Phenol
Concen: 39.99 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.01 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

Tgt Ion: 94 Resp: 712023
Ion Ratio Lower Upper
94 100
65 23.4 21.4 61.4
66 32.2 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 50.73 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

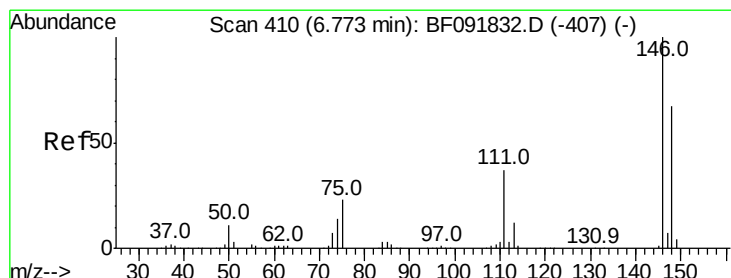
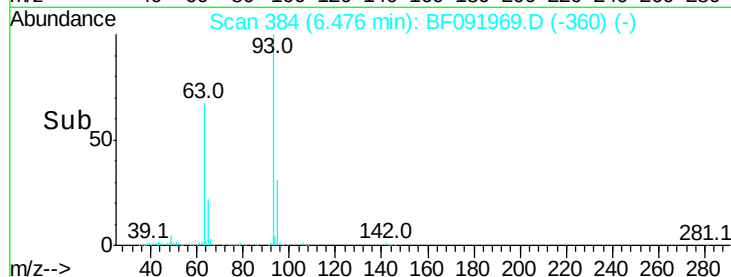
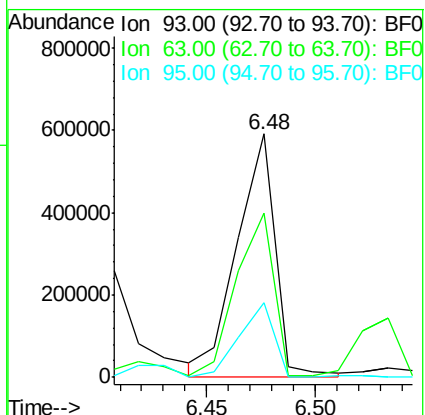
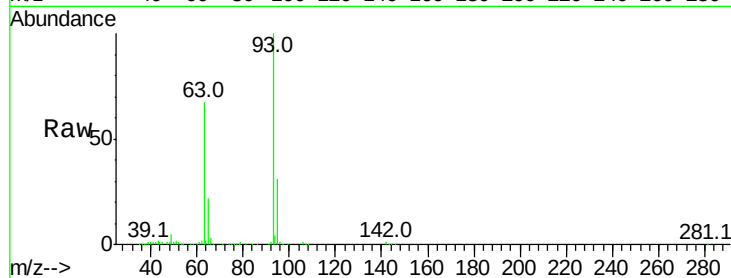
Tot Ion: 93 Resp: 718746

Ion Ratio Lower Upper

93 100

63 67.3 60.4 100.4

95 30.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.39 ng m

RT: 6.67 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

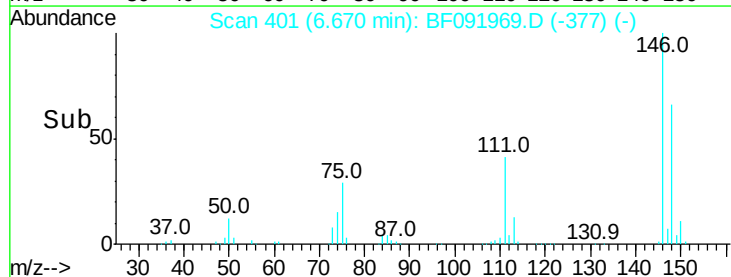
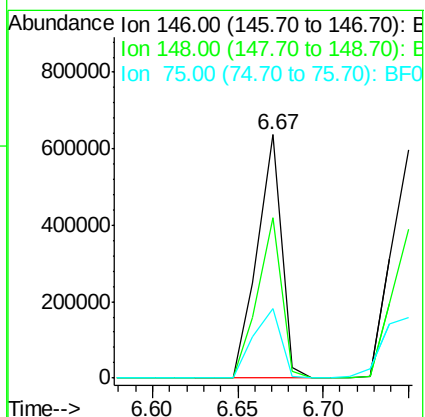
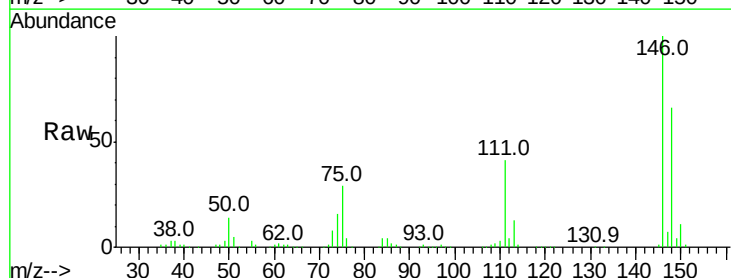
Tgt Ion: 146 Resp: 627832

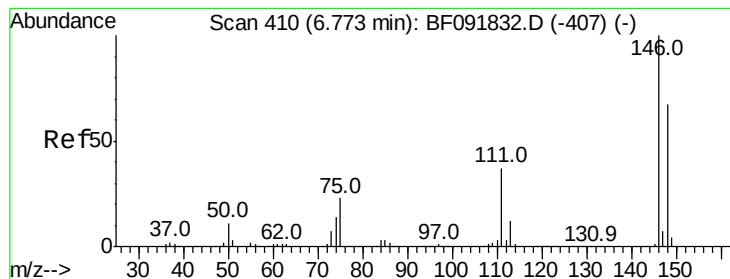
Ion Ratio Lower Upper

146 100

148 65.9 53.4 80.0

75 28.8 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 40.21 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

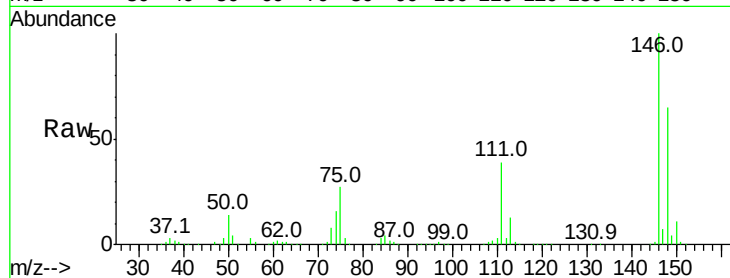
Tot Ion:146 Resp: 636052

Ion Ratio Lower Upper

146 100

148 65.3 50.6 76.0

111 38.7 36.2 54.4



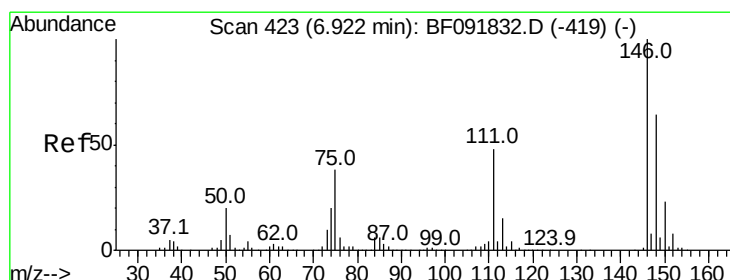
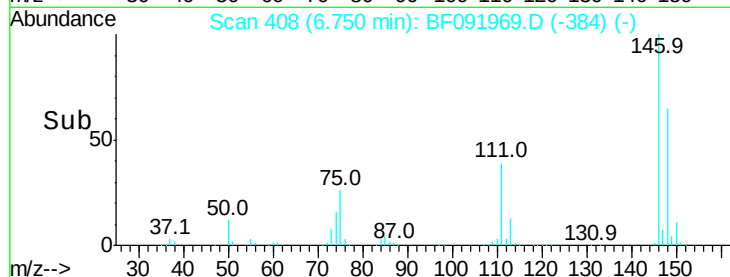
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->



#14

1,2-Dichlorobenzene

Concen: 39.87 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

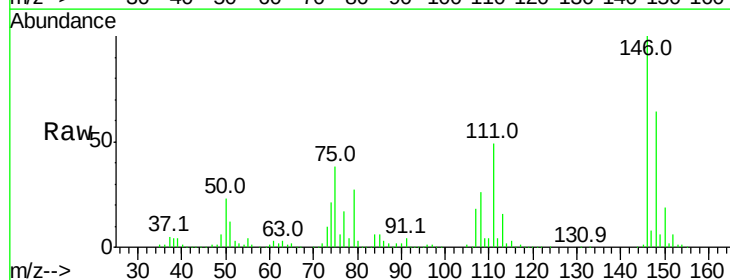
Tgt Ion:146 Resp: 547267

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

111 48.5 36.2 54.2



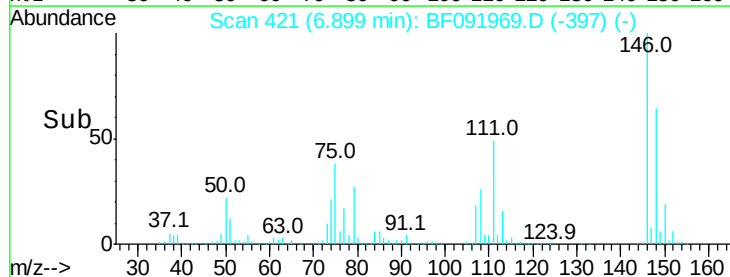
Abundance Ion 146.00 (145.70 to 146.70): E

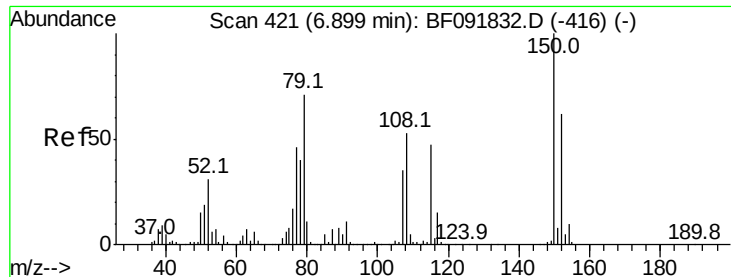
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Time-->





#15

Benzyl Alcohol

Concen: 33.41 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleID :

PB95629BS

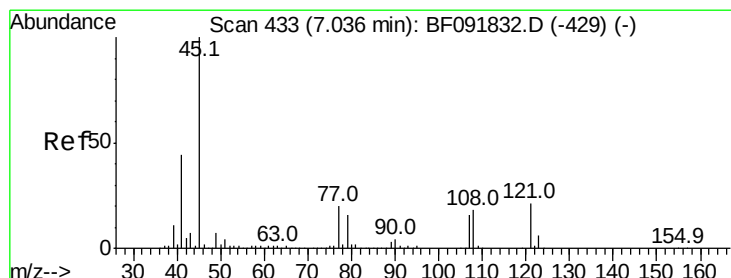
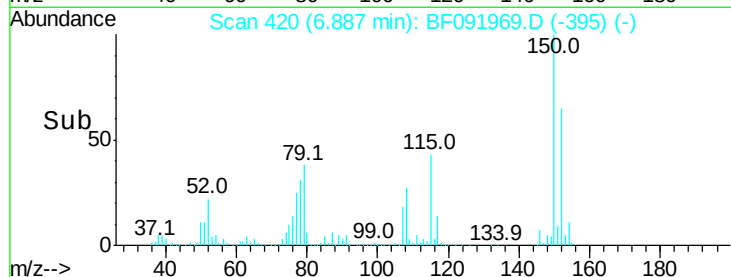
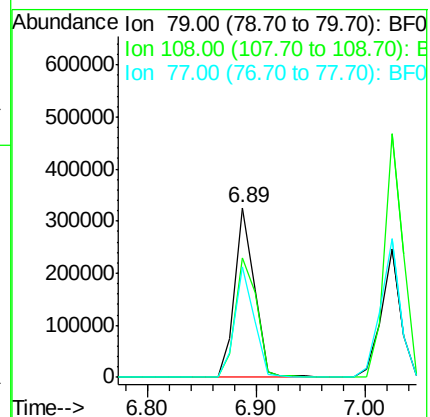
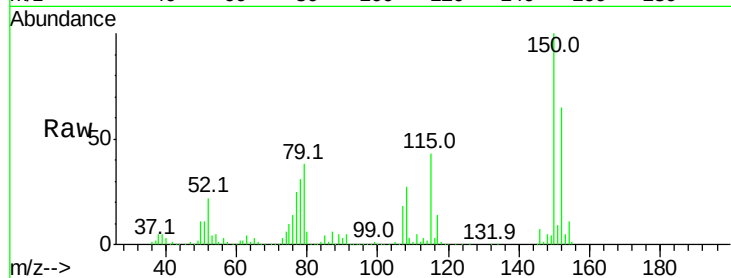
Tot Ion: 79 Resp: 405649

Ion Ratio Lower Upper

79 100

108 70.2 61.4 92.0

77 64.9 50.9 76.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.99 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

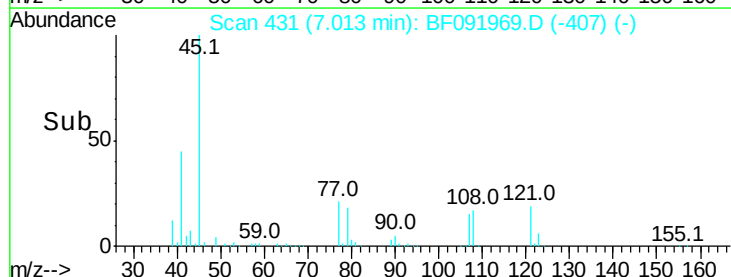
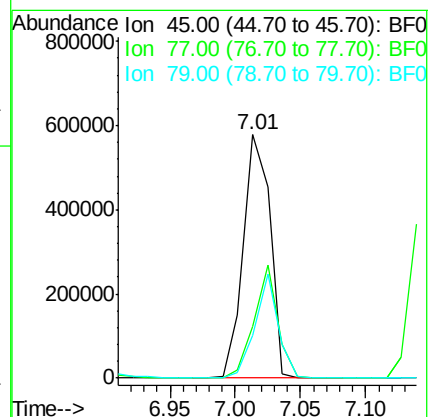
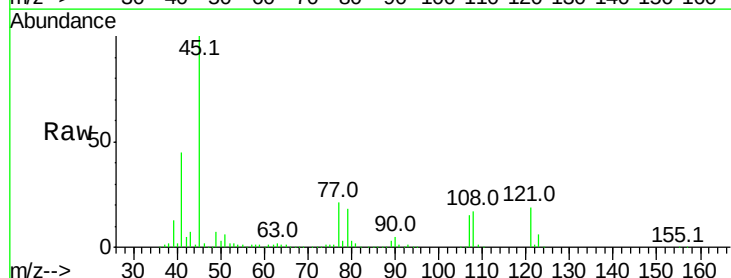
Tgt Ion: 45 Resp: 822610

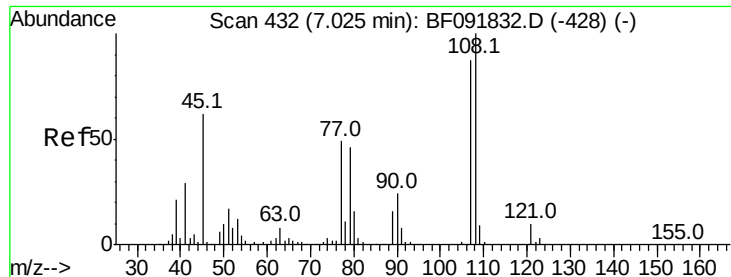
Ion Ratio Lower Upper

45 100

77 21.3 0.0 34.6

79 17.7 0.0 31.2





#17

2-Methylphenol

Concen: 41.96 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

Tot Ion:107 Resp: 491309

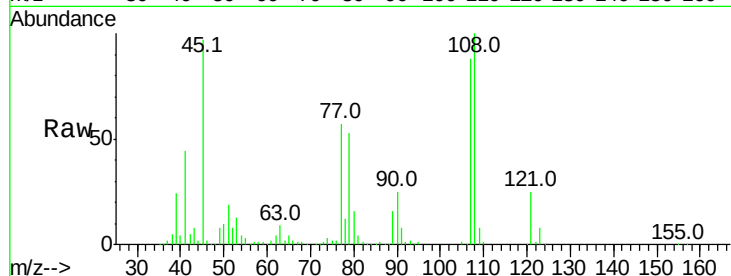
Ion Ratio Lower Upper

107 100

108 113.2 93.0 139.6

77 64.8 39.8 59.8#

79 59.9 38.0 57.0#

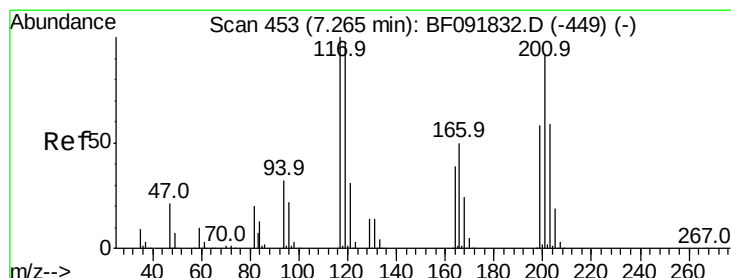
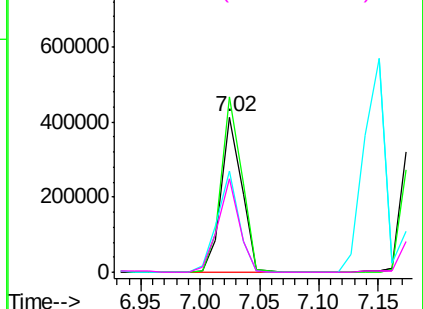
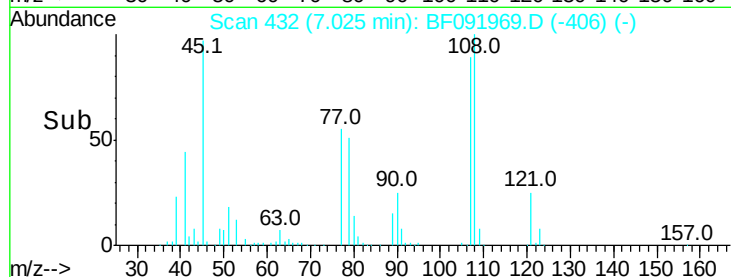


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 40.61 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

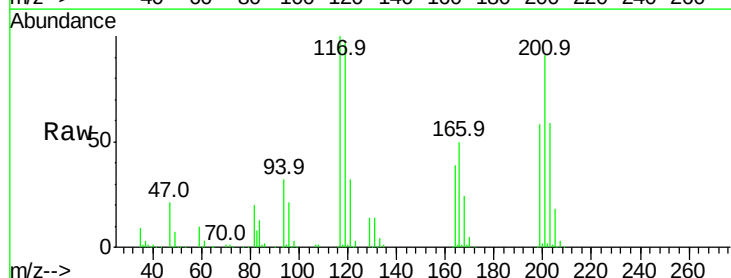
Tgt Ion:117 Resp: 238179

Ion Ratio Lower Upper

117 100

119 96.8 78.1 117.1

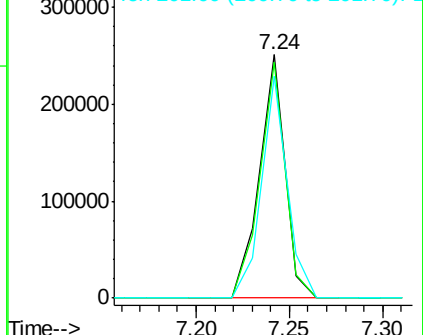
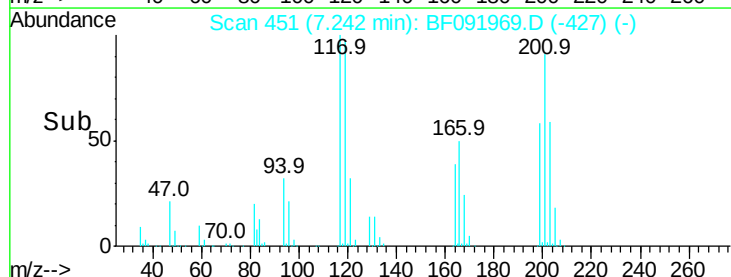
201 91.0 78.6 117.8

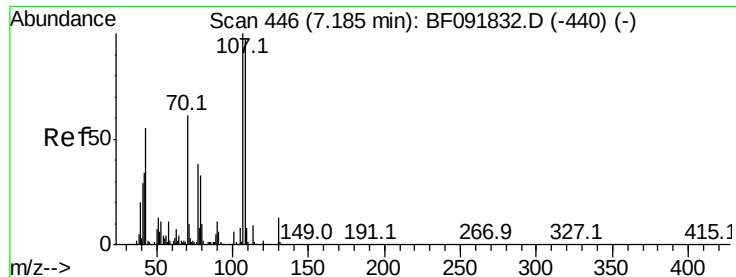


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

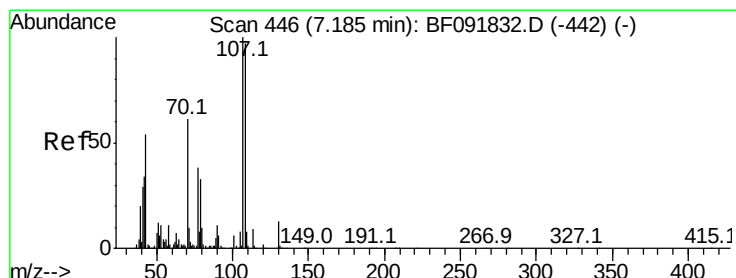
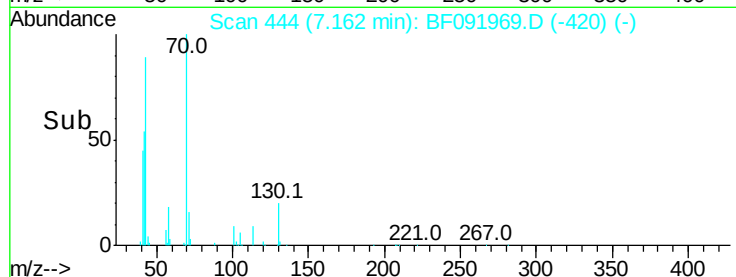
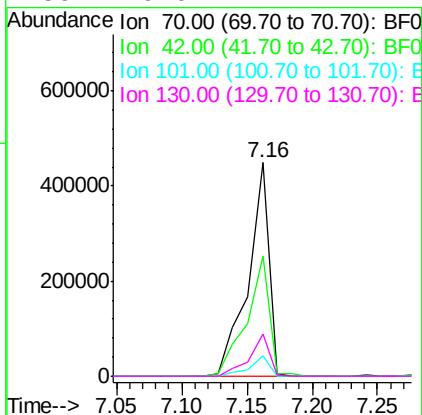
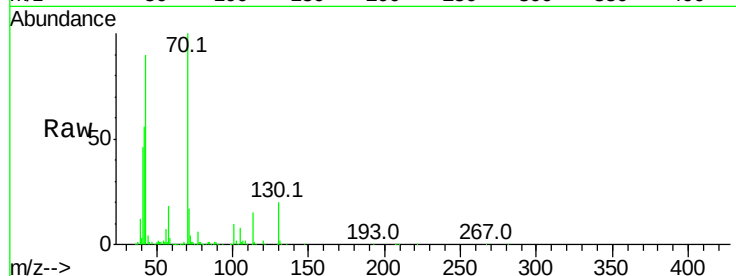




#19
n-Nitroso-di-n-propylamine
Concen: 48.09 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

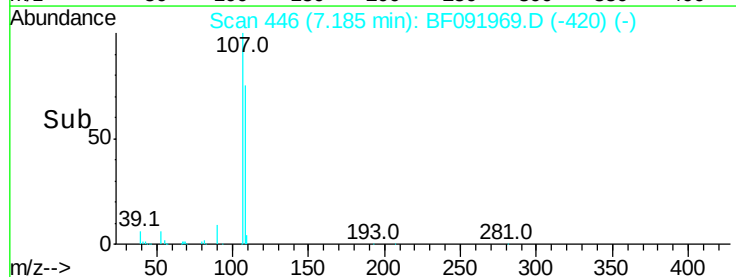
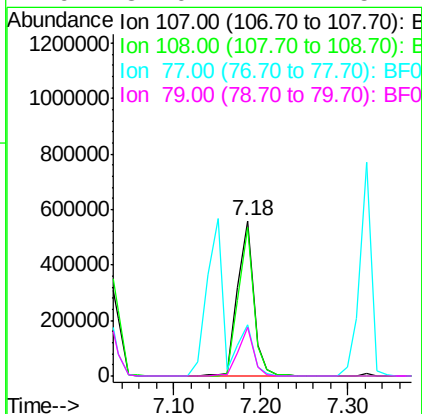
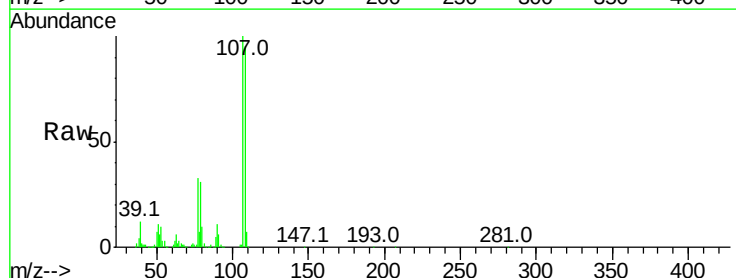
Instrument :
BNA_F
ClientSampleId :
PB95629BS

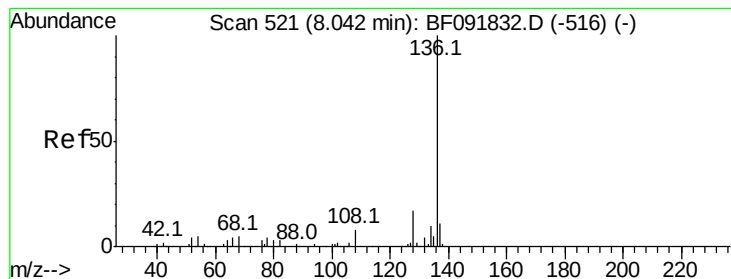
Tot Ion:	70	Resp:	499938
Ion	Ratio	Lower	Upper
70	100		
42	56.4	49.4	74.0
101	9.6	7.4	11.2
130	20.0	14.2	21.4



#20
3+4-Methylphenols
Concen: 50.75 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

Tgt Ion:	107	Resp:	708765
Ion	Ratio	Lower	Upper
107	100		
108	95.3	73.0	113.0
77	32.7	71.3	111.3
79	31.0	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

Tot Ion:136 Resp: 908228

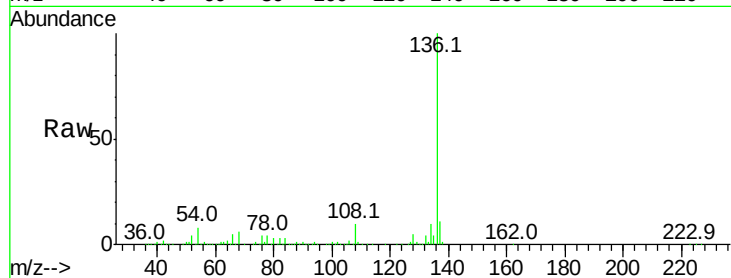
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.1 4.5 6.7#

68 6.1 3.6 5.4#



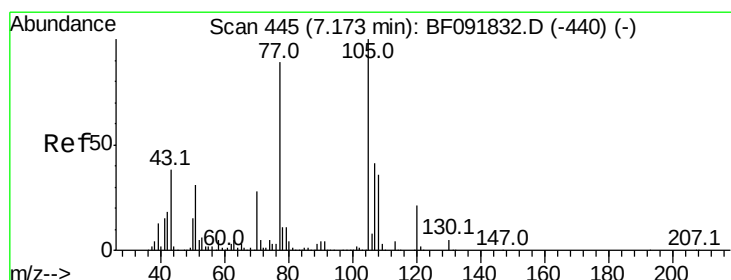
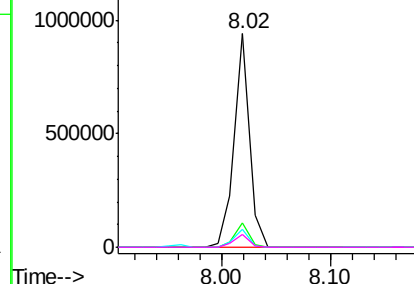
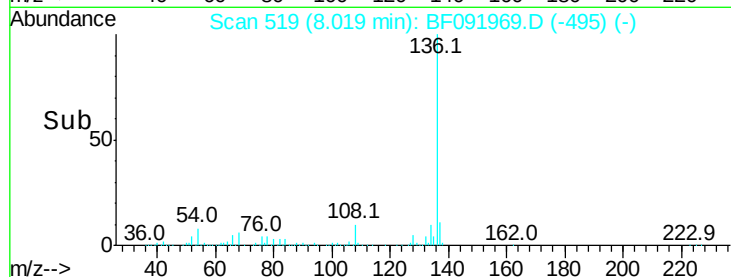
Abundance

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: 41.24 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Tgt Ion:105 Resp: 923924

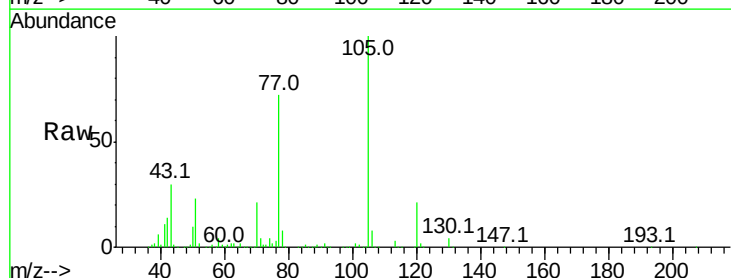
Ion Ratio Lower Upper

105 100

71 3.6 3.2 4.8

51 23.1 26.2 39.4#

120 21.3 16.6 24.8



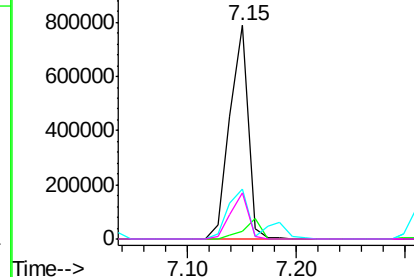
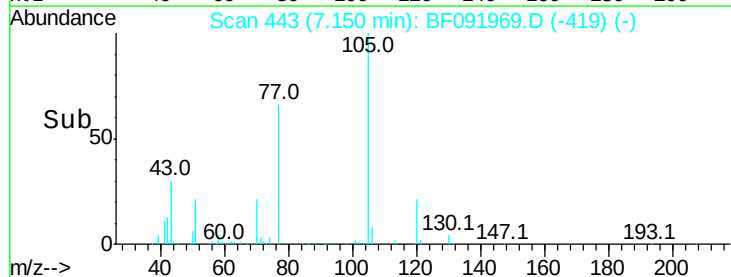
Abundance

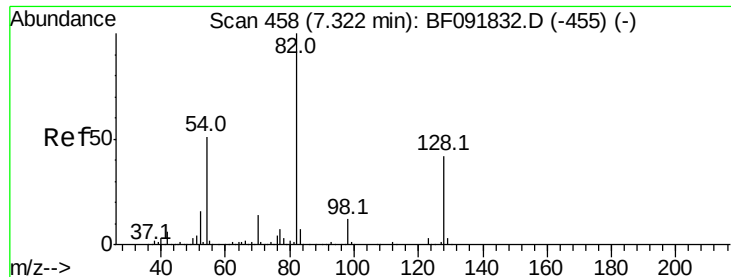
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

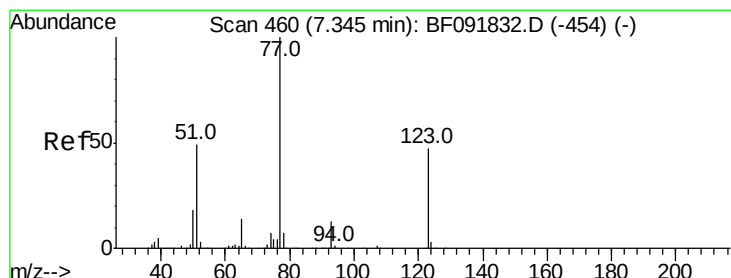
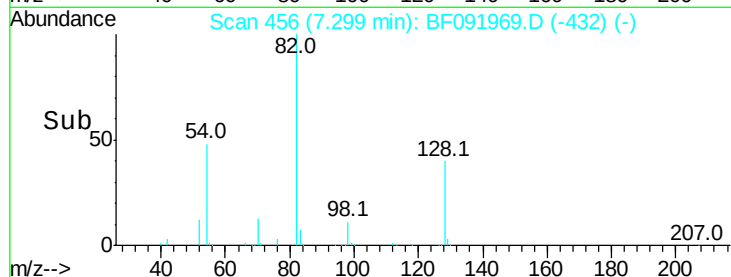
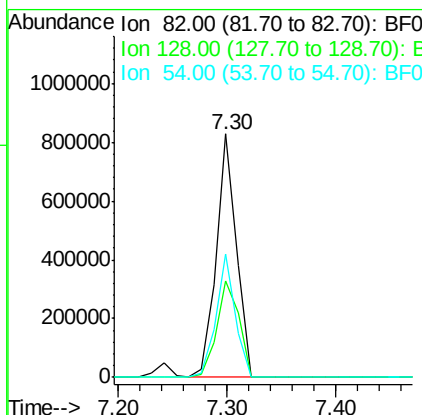
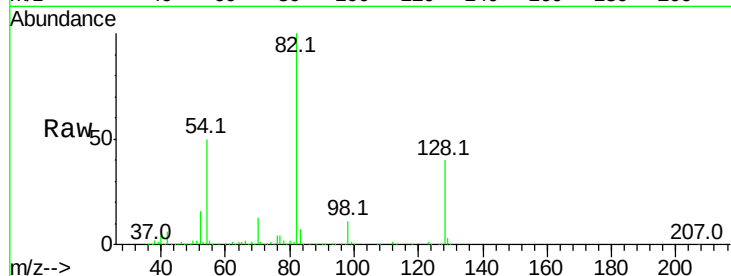




#23
 Nitrobenzene-d5
 Concen: 65.30 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

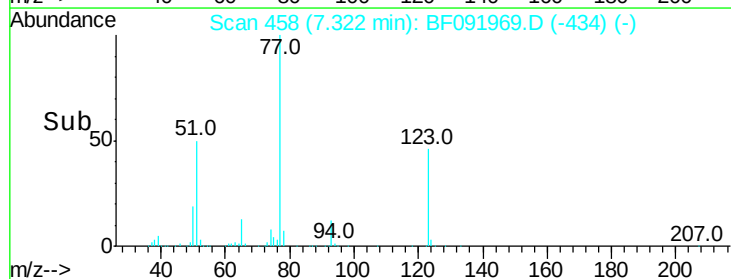
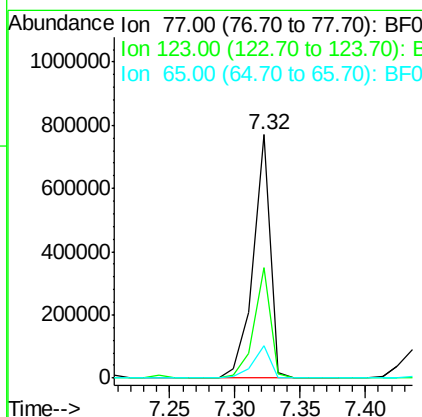
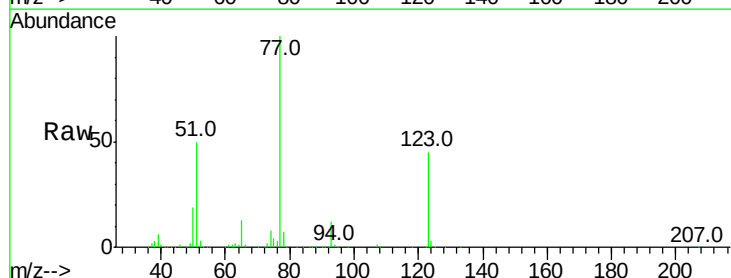
Instrument :
 BNA_F
 ClientSampled :
 PB95629BS

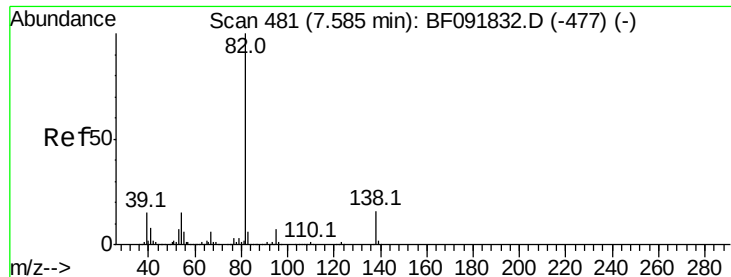
Tot Ion: 82 Resp: 1066520
 Ion Ratio Lower Upper
 82 100
 128 39.7 34.6 52.0
 54 50.4 39.5 59.3



#24
 Nitrobenzene
 Concen: 40.74 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

Tgt Ion: 77 Resp: 708678
 Ion Ratio Lower Upper
 77 100
 123 45.3 33.0 49.4
 65 13.3 11.2 16.8





#25

Isophorone

Concen: 39.21 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

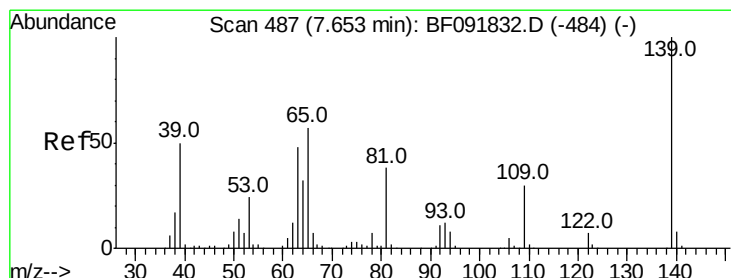
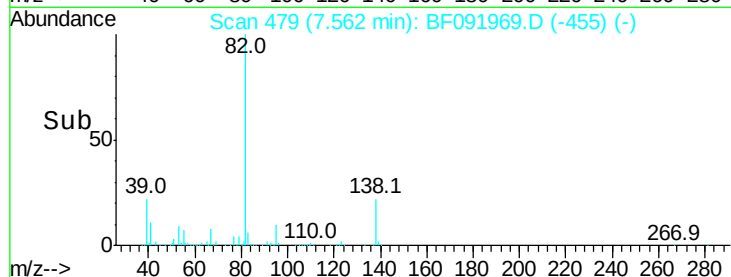
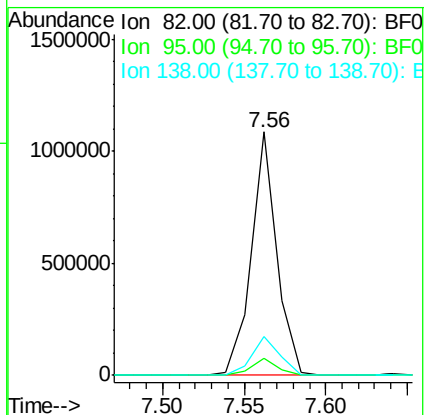
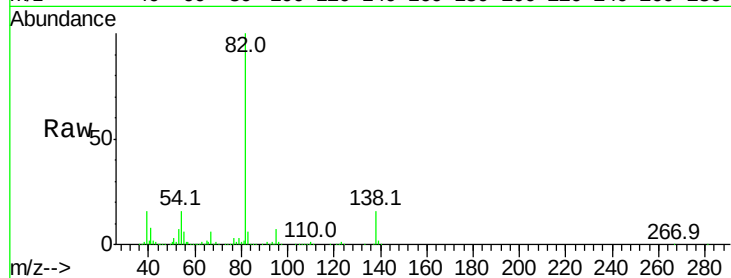
Tot Ion: 82 Resp: 1181608

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 16.0 14.6 22.0



#26

2-Nitrophenol

Concen: 41.35 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

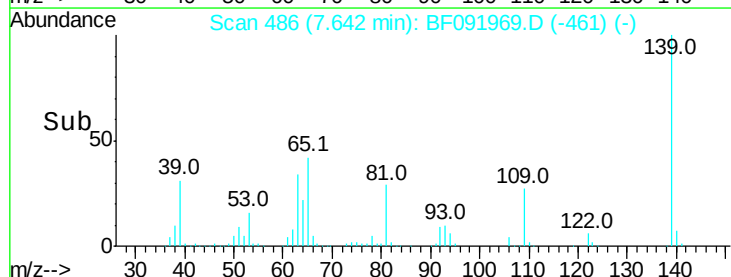
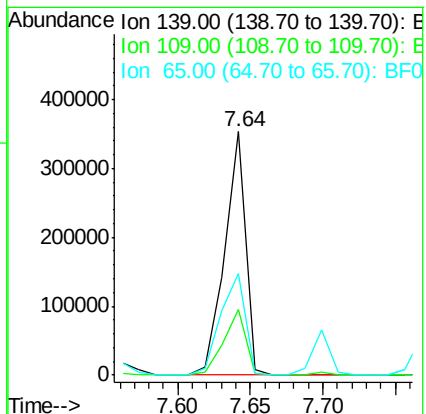
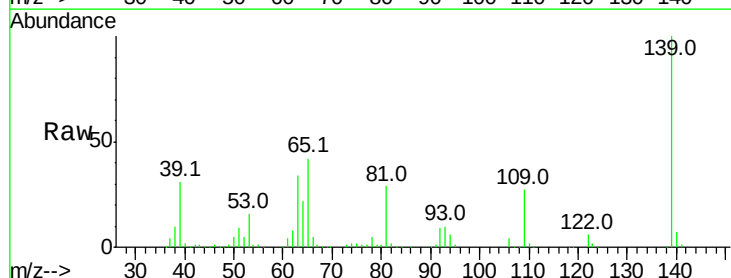
Tgt Ion: 139 Resp: 354743

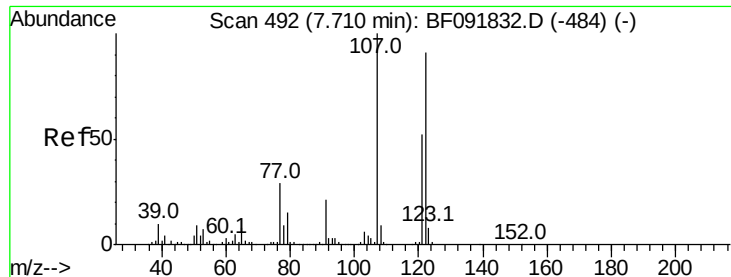
Ion Ratio Lower Upper

139 100

109 27.0 23.3 34.9

65 41.5 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 35.82 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

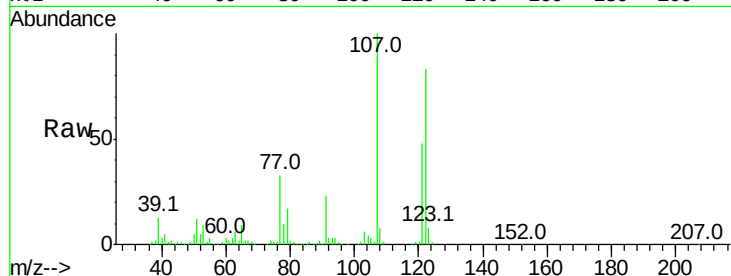
Tot Ion:122 Resp: 509748

Ion Ratio Lower Upper

122 100

107 120.8 94.1 141.1

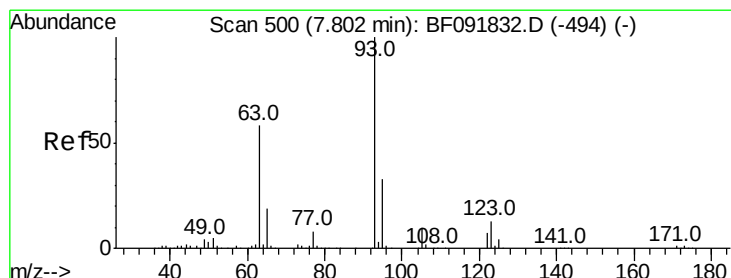
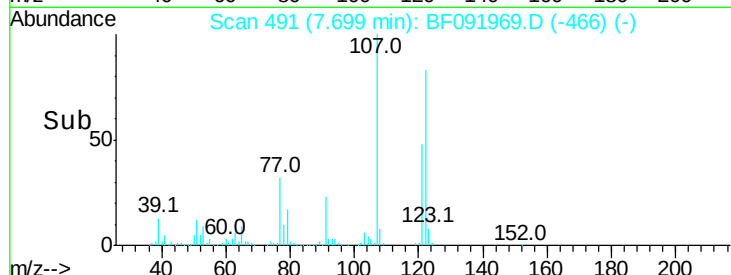
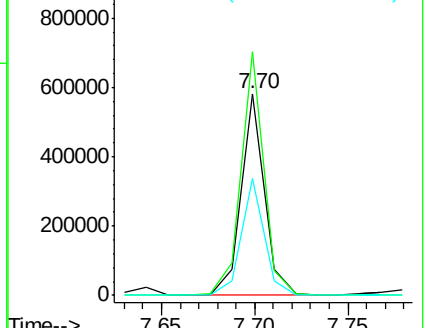
121 57.9 46.0 69.0



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: 42.69 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

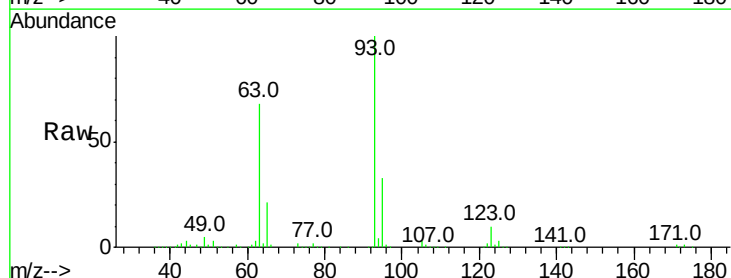
Tgt Ion: 93 Resp: 780139

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

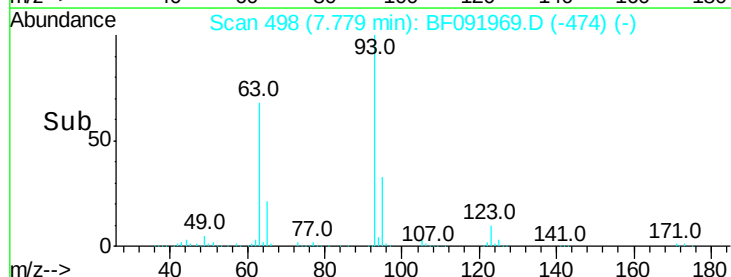
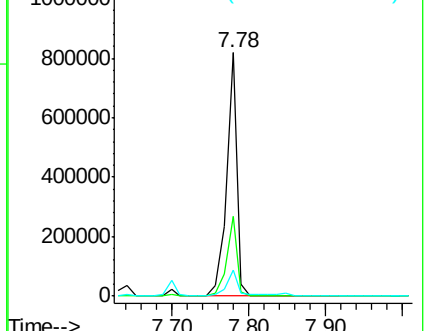
123 10.5 8.6 13.0

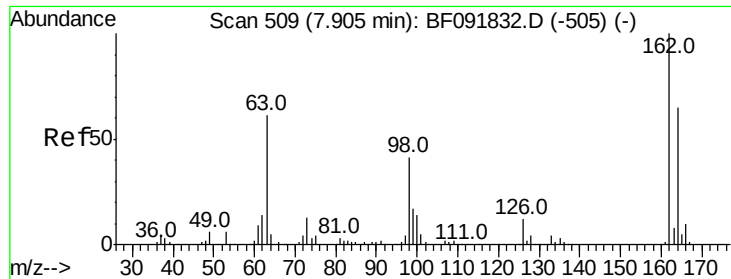


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

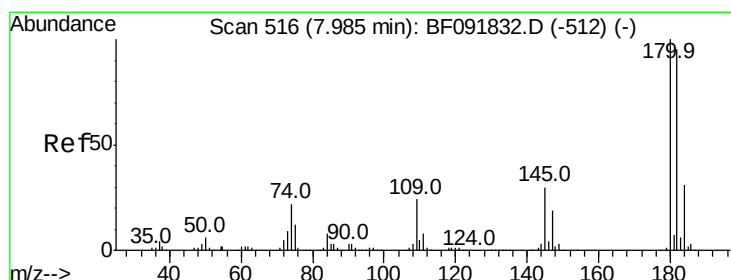
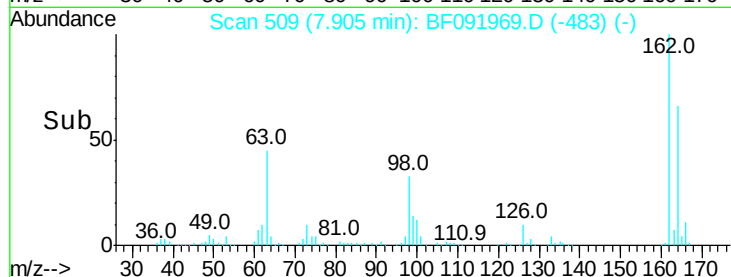
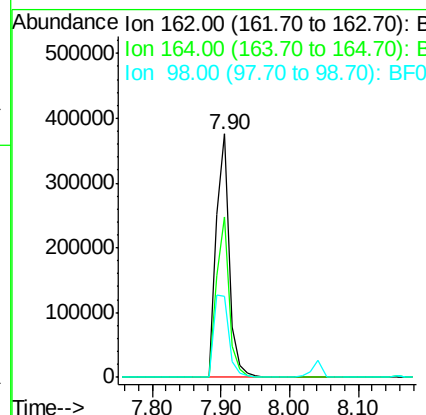
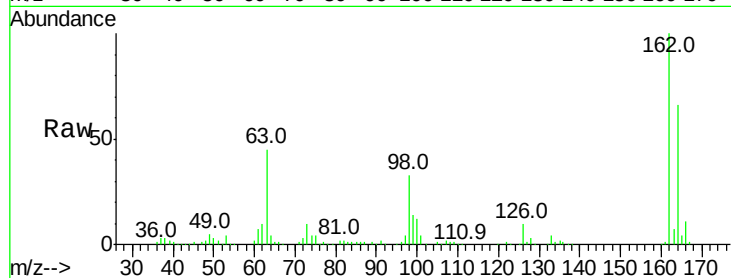




#29
 2,4-Dichlorophenol
 Concen: 42.03 ng
 RT: 7.90 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

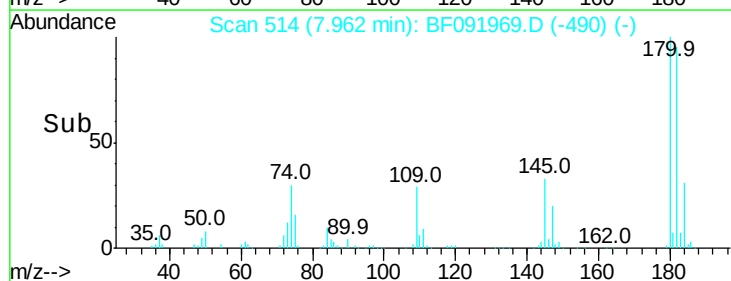
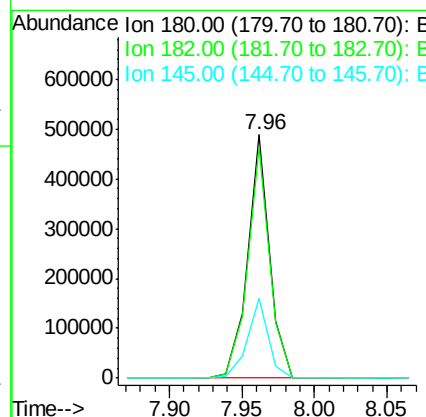
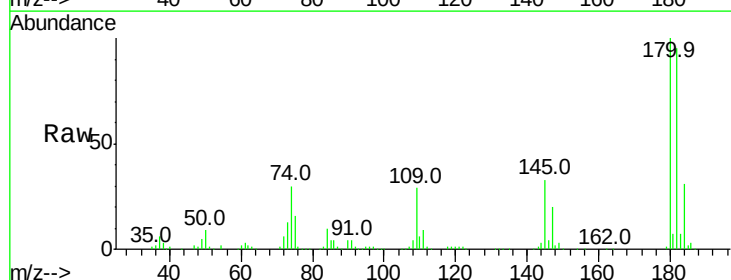
Instrument :
 BNA_F
 ClientSampleId :
 PB95629BS

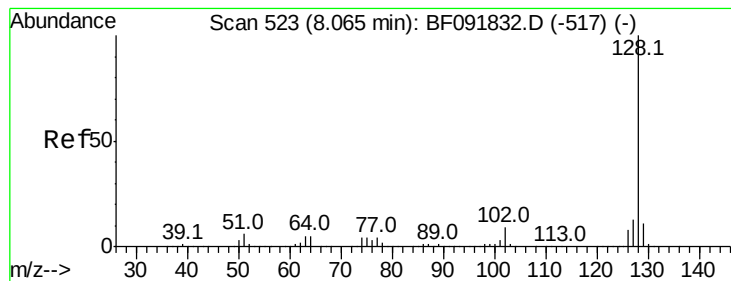
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	46.8	86.8
98	33.2	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.52 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.02 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	78.2	117.4
145	32.9	21.6	32.4#





#31

Naphthalene

Concen: 40.79 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

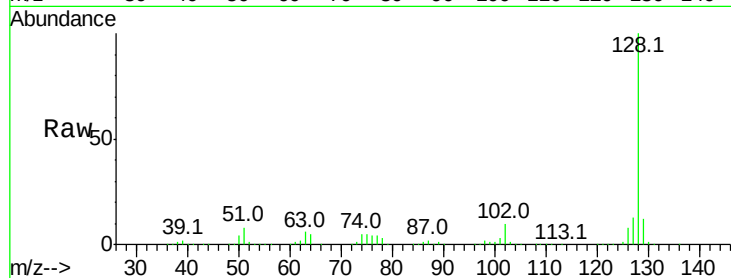
Tot Ion:128 Resp: 1695519

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

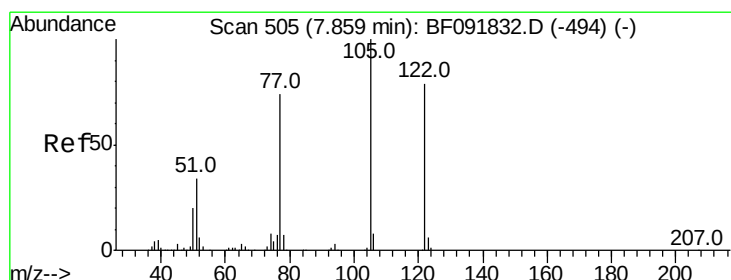
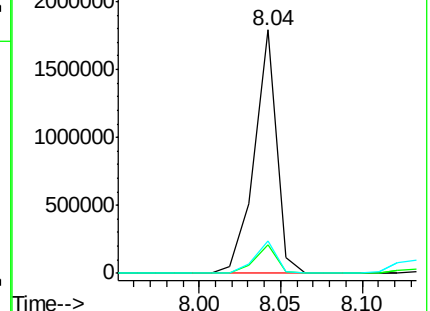
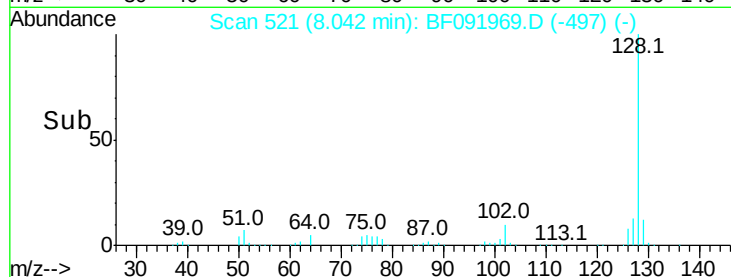
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.04 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

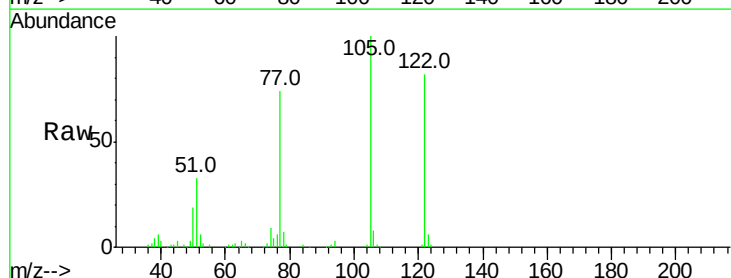
Tgt Ion:122 Resp: 327582

Ion Ratio Lower Upper

122 100

105 121.6 107.2 147.2

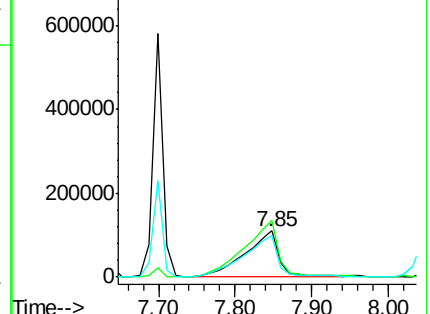
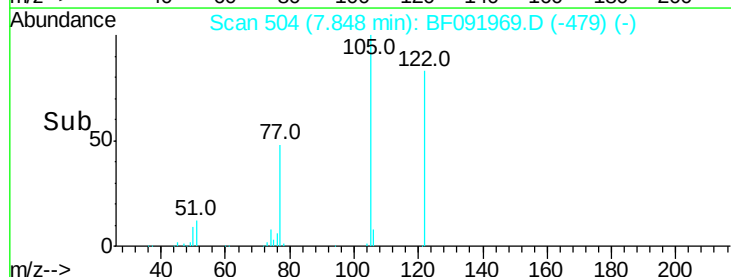
77 89.5 74.5 114.5

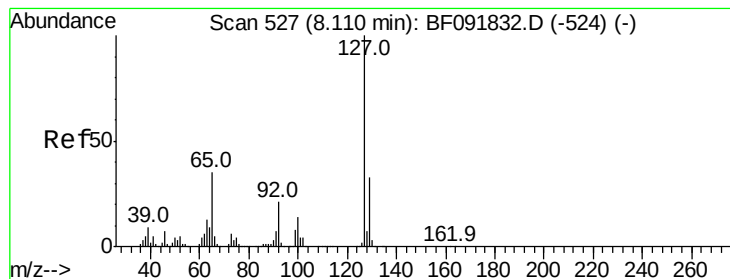


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 16.66 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.03 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

Tot Ion:127 Resp: 312299

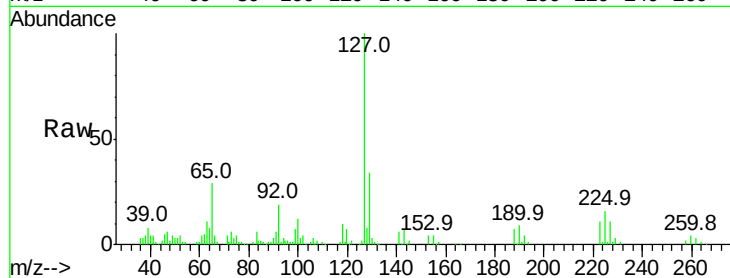
Ion Ratio Lower Upper

127 100

129 34.3 26.3 39.5

65 29.4 25.8 38.8

92 18.6 16.1 24.1

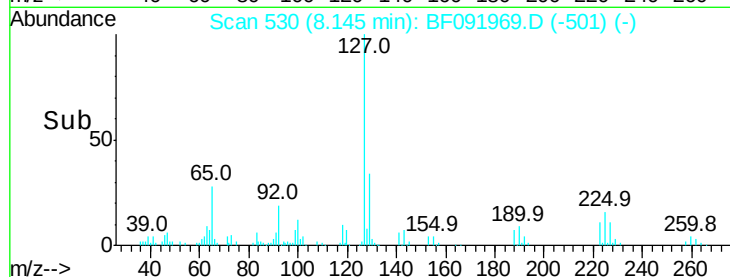


Abundance Ion 127.00 (126.70 to 127.70): E

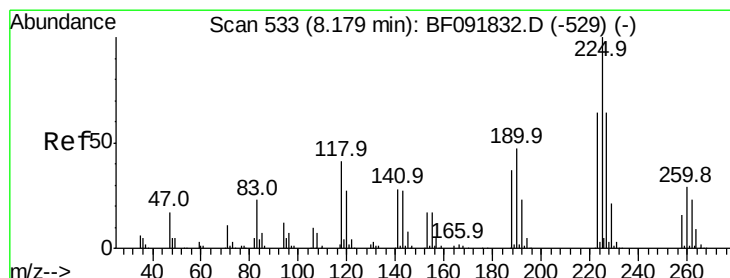
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 40.58 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

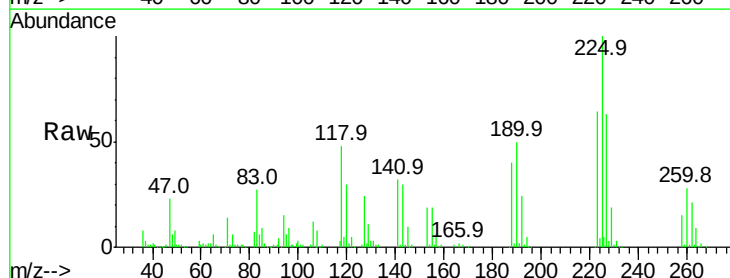
Tgt Ion:225 Resp: 282818

Ion Ratio Lower Upper

225 100

223 64.1 51.0 76.6

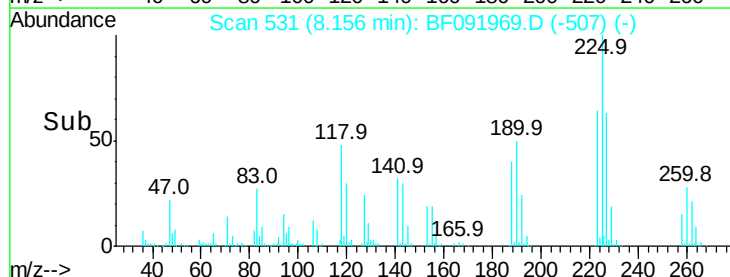
227 62.8 50.6 76.0



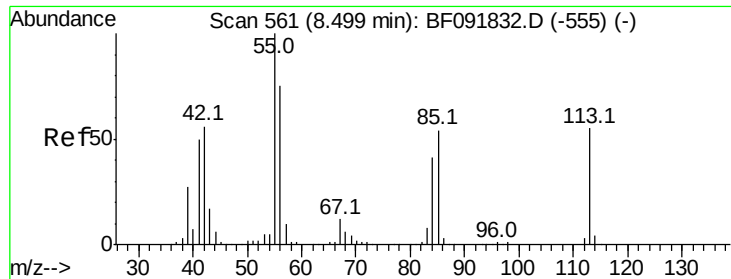
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#35

Caprolactam

Concen: 37.96 ng/mL

RT: 8.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

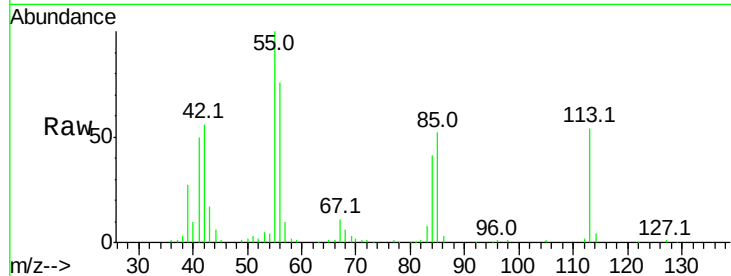
Tot Ion:113 Resp: 150292

Ion Ratio Lower Upper

113 100

55 186.6 119.2 159.2#

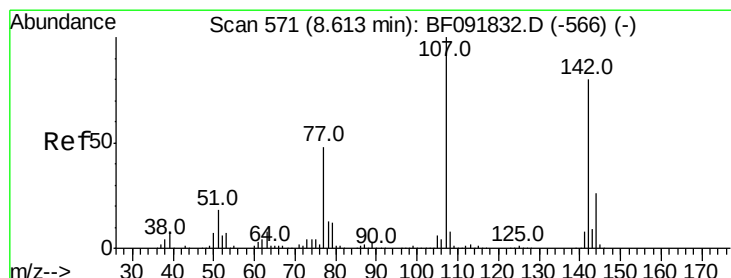
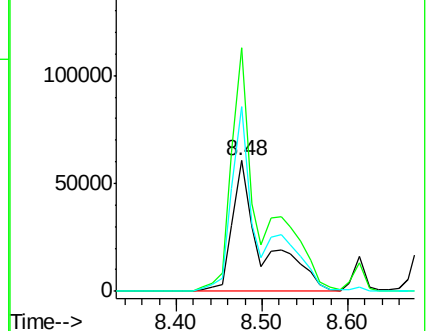
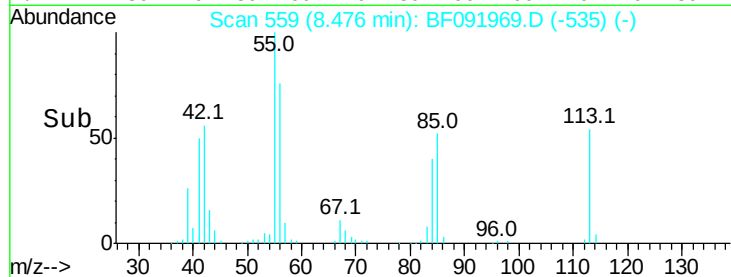
56 141.5 83.8 123.8#



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: 39.08 ng/mL

RT: 8.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

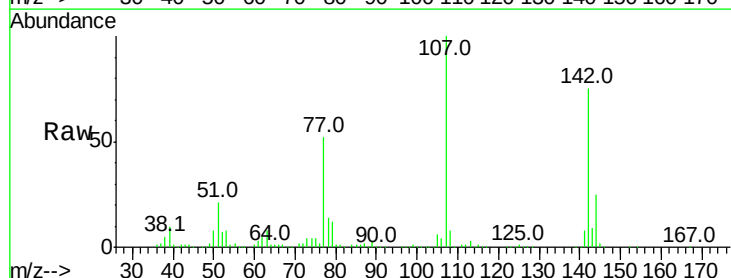
Tgt Ion:107 Resp: 541794

Ion Ratio Lower Upper

107 100

144 24.6 19.3 28.9

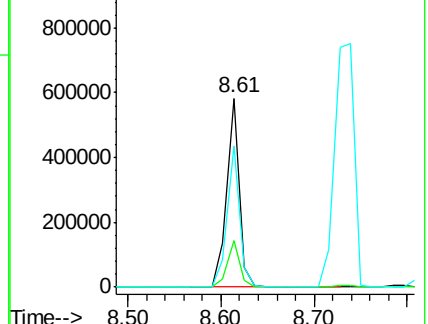
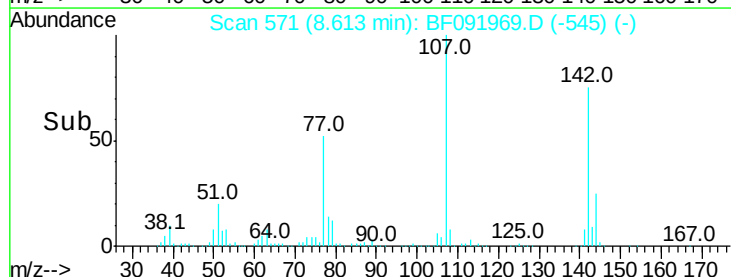
142 75.0 59.0 88.6

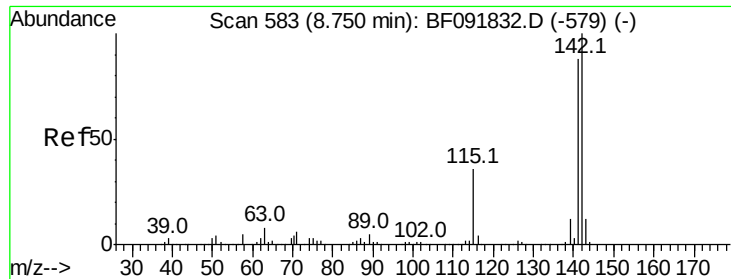


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.46 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.01 min

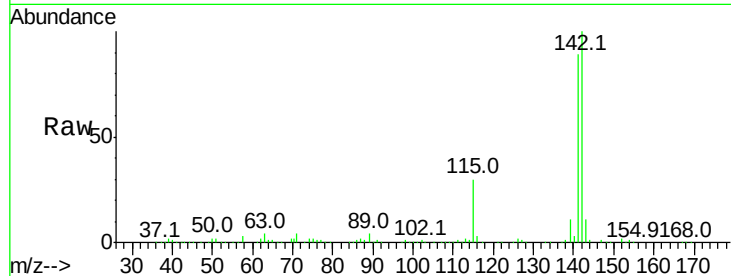
Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :
BNA_F
ClientSampled :
PB95629BS

Tot Ion:142 Resp: 1108422

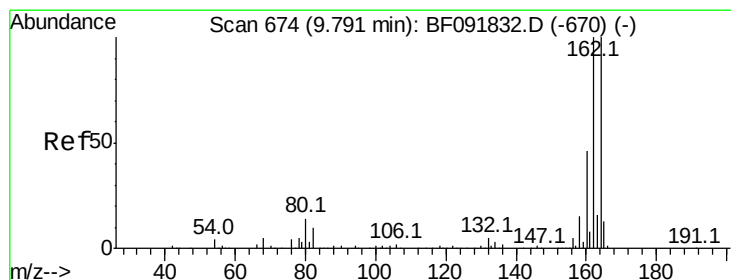
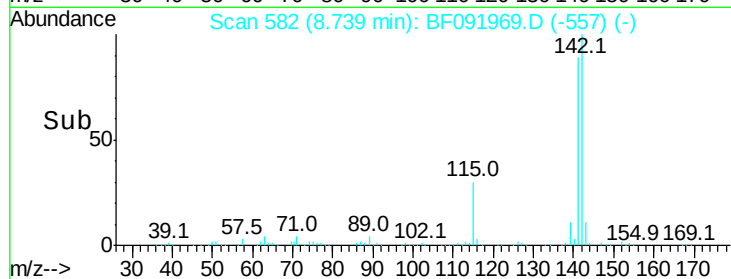
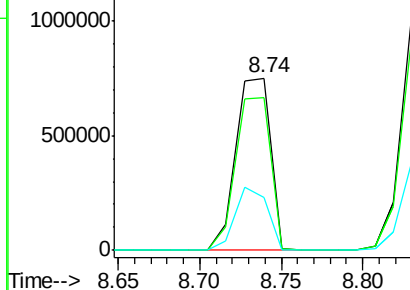
Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	30.4	28.3	42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

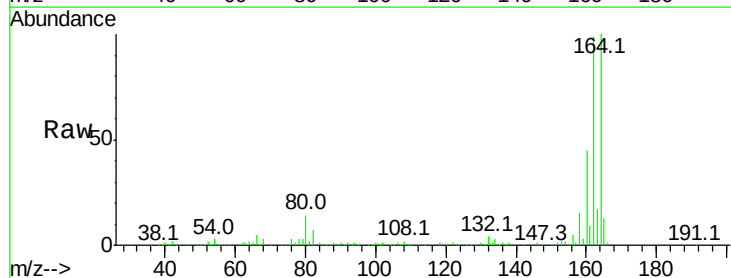
Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Tgt Ion:164 Resp: 477659

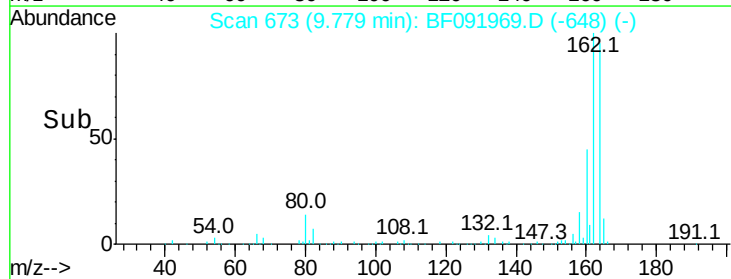
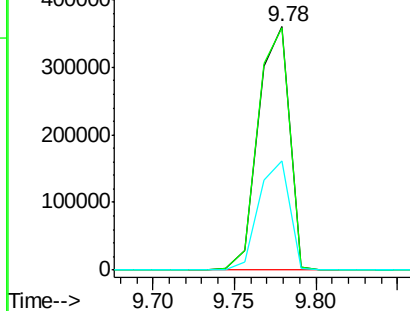
Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.2	120.2
160	44.7	36.9	55.3

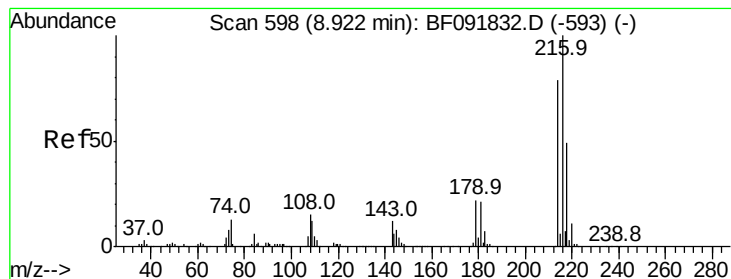


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.12 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

Tot Ion:216 Resp: 447987

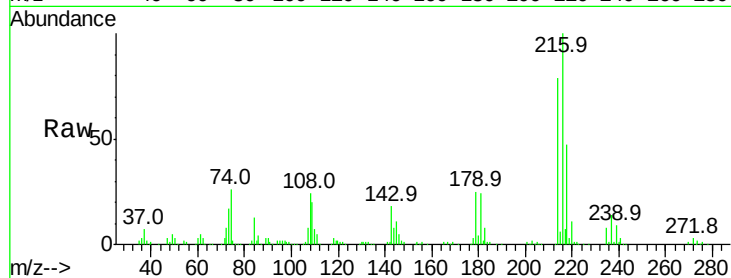
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.0

179 22.7 17.4 26.2

108 24.1 15.6 23.4#

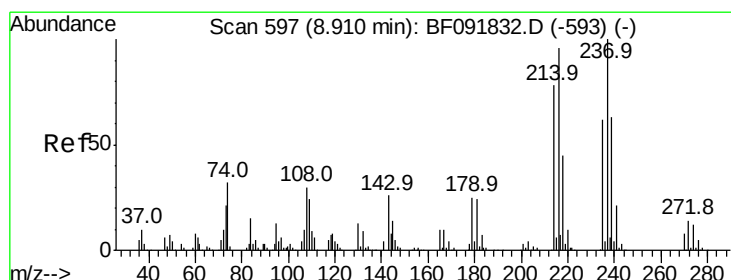
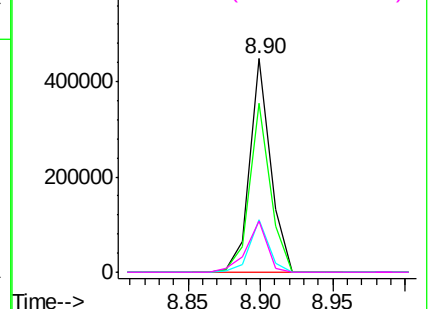
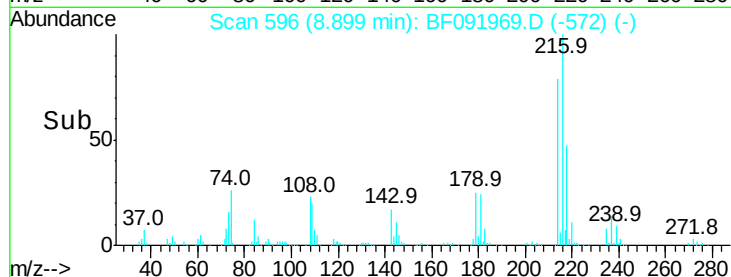


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.78 ng

RT: 8.89 min Scan# 595

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

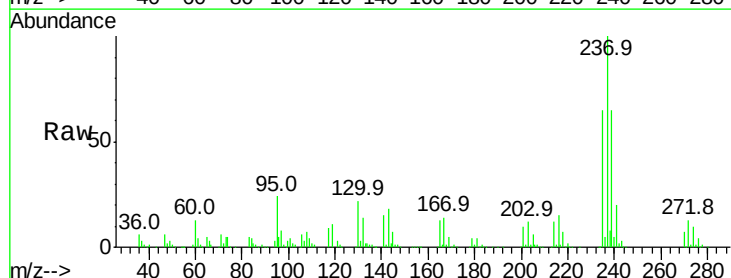
Tgt Ion:237 Resp: 423097

Ion Ratio Lower Upper

237 100

235 65.0 41.2 81.2

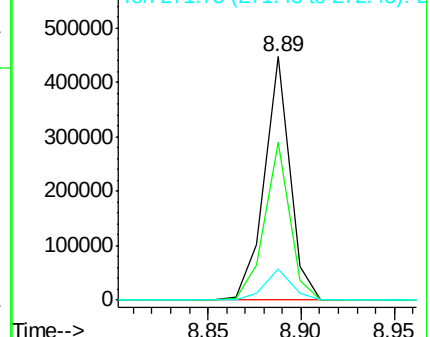
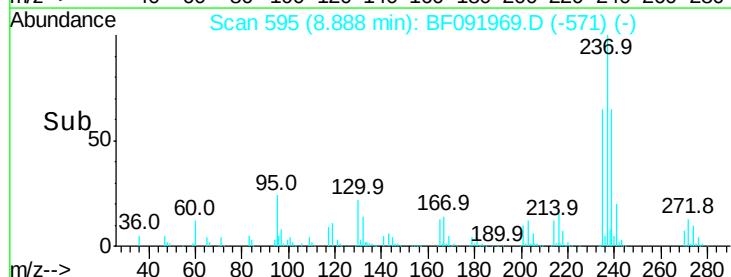
272 13.0 0.0 35.4

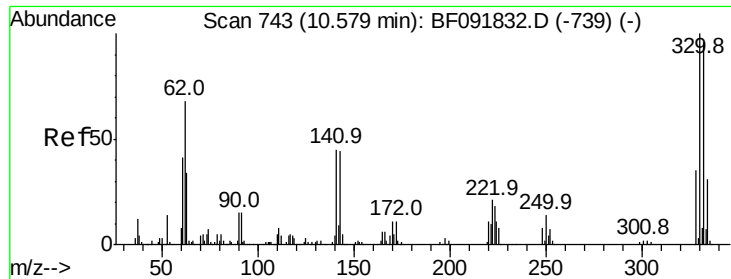


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

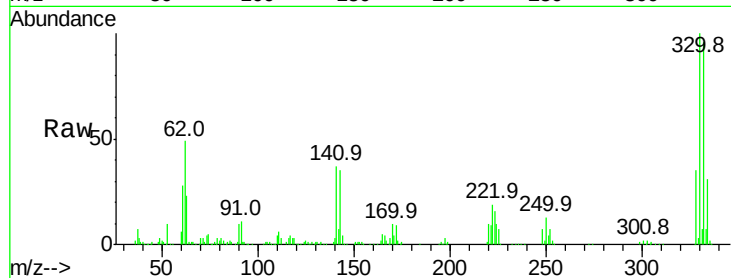




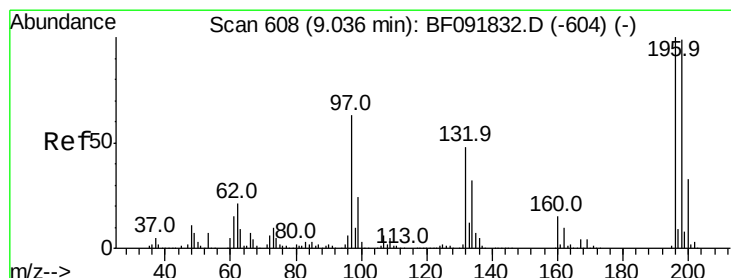
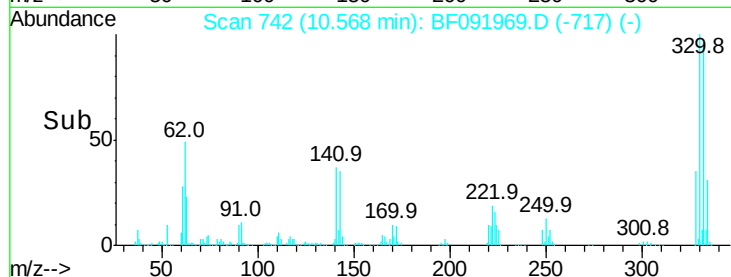
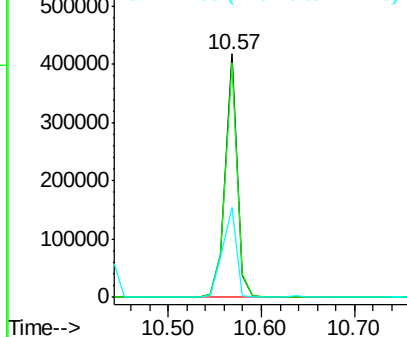
#41
 2,4,6-Tribromophenol
 Concen: 94.77 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95629BS

Tot Ion:330 Resp: 374620
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 42.6 34.1 51.1

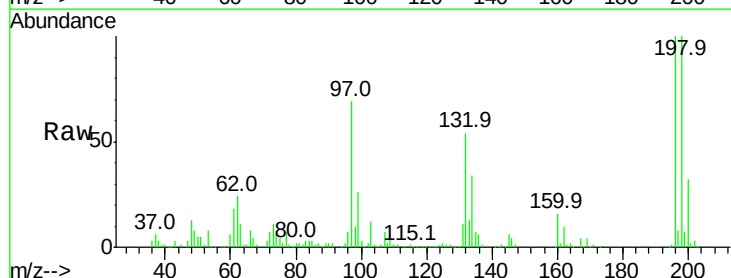


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

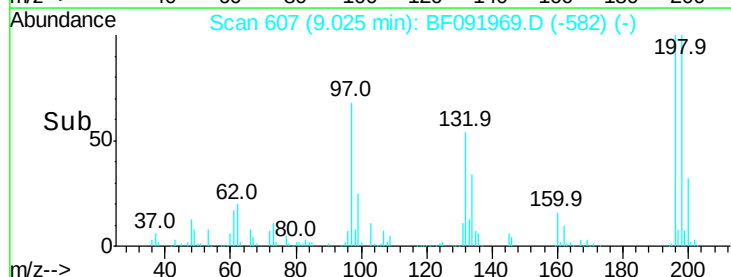
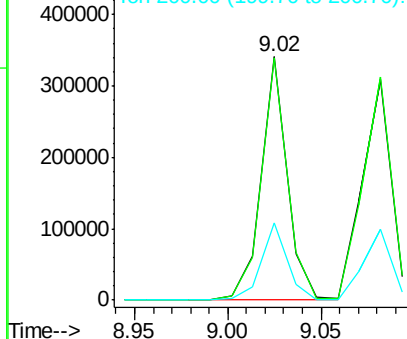


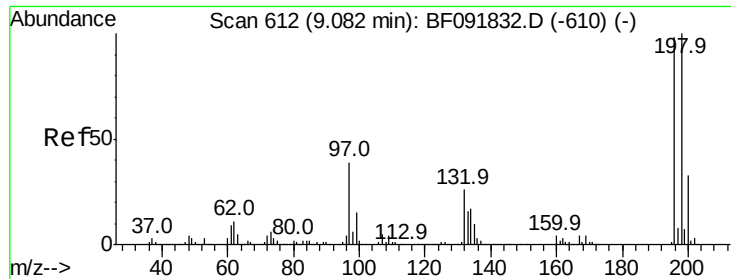
#42
 2,4,6-Trichlorophenol
 Concen: 38.89 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

Tgt Ion:196 Resp: 328185
 Ion Ratio Lower Upper
 196 100
 198 99.6 82.1 123.1
 200 31.9 27.0 40.4



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

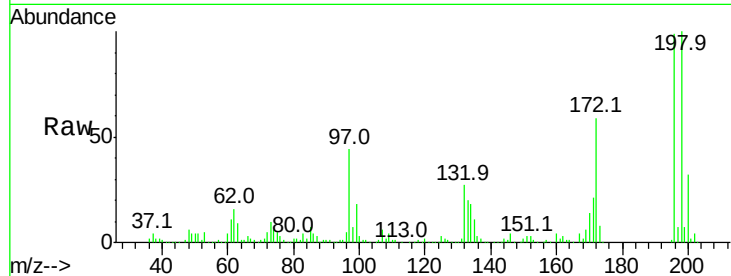




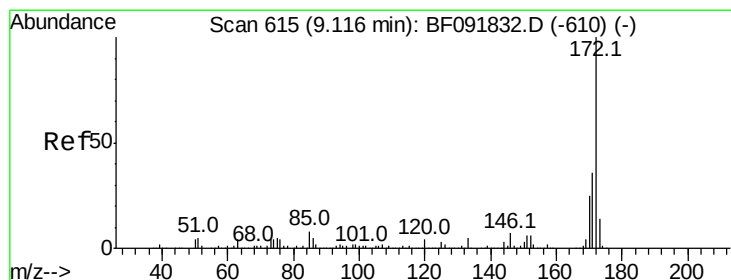
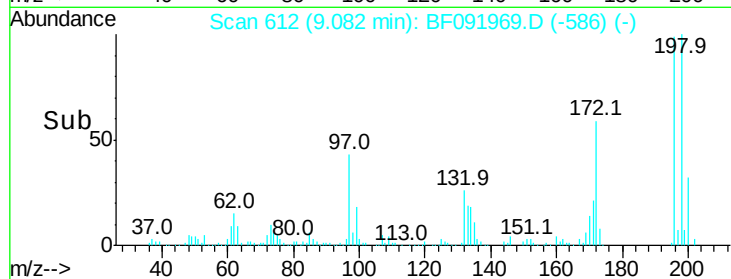
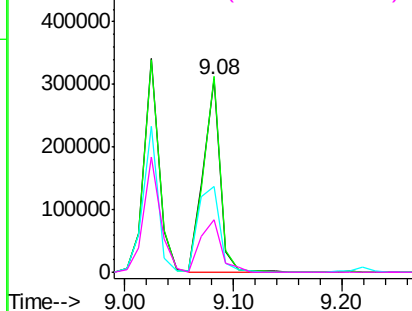
#43
 2,4,5-Trichlorophenol
 Concen: 38.83 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95629BS

Tot Ion:196 Resp: 337267
 Ion Ratio Lower Upper
 196 100
 198 101.1 79.4 119.2
 97 44.3 51.5 77.3#
 132 27.0 27.4 41.2#

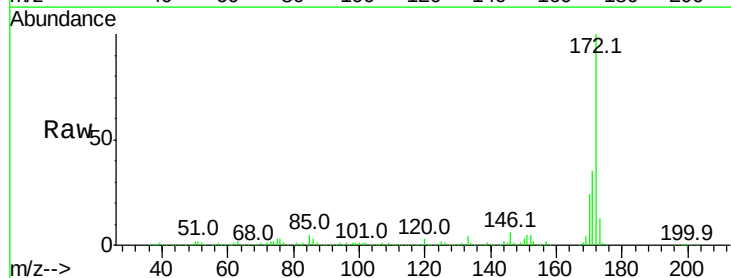


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

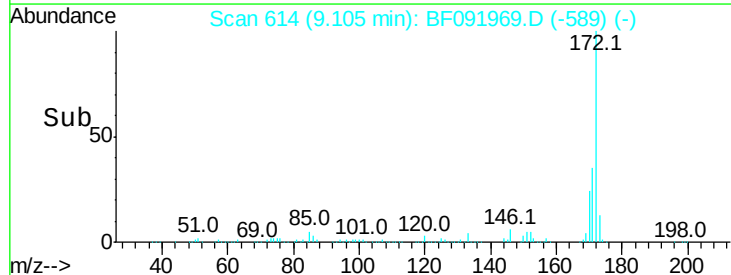
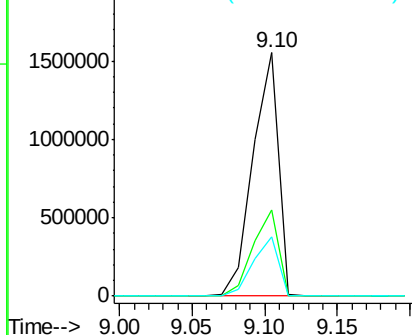


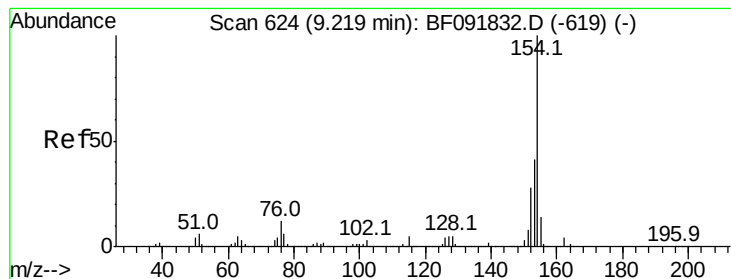
#44
 2-Fluorobiphenyl
 Concen: 80.38 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

Tgt Ion:172 Resp: 1890189
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 24.1 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: 38.33 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

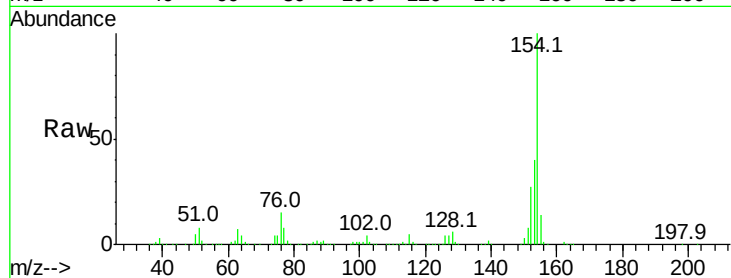
Tot Ion:154 Resp: 1253454

Ion Ratio Lower Upper

154 100

153 40.4 20.9 60.9

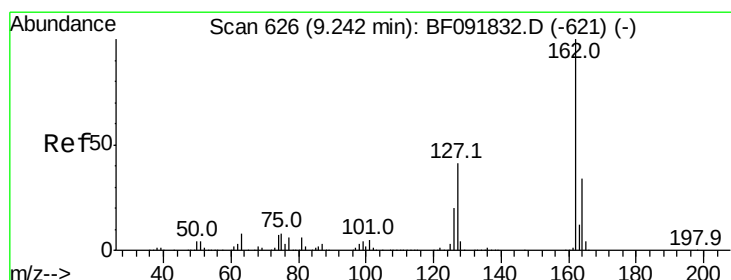
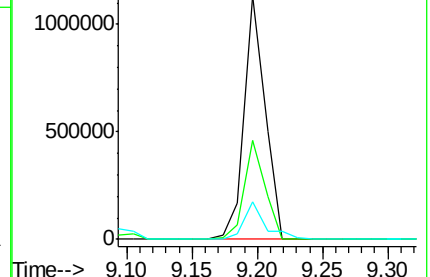
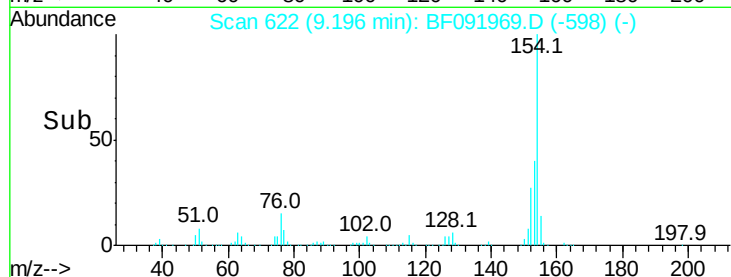
76 15.3 0.0 30.5



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: 37.98 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

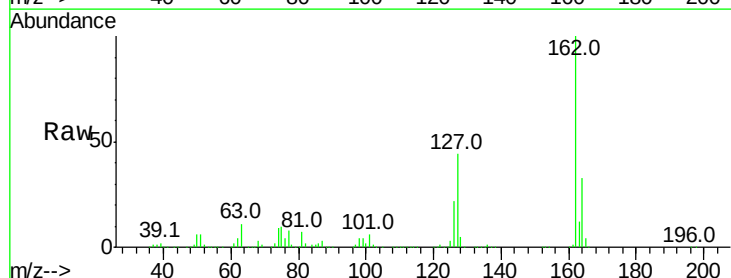
Tgt Ion:162 Resp: 983638

Ion Ratio Lower Upper

162 100

127 44.4 30.7 46.1

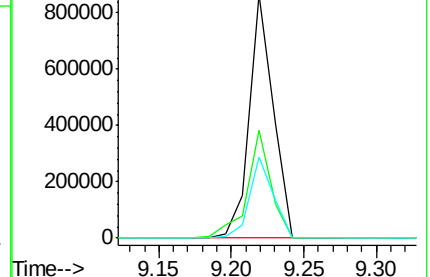
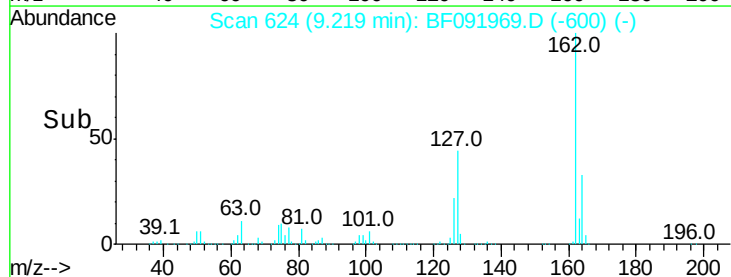
164 33.2 27.6 41.4

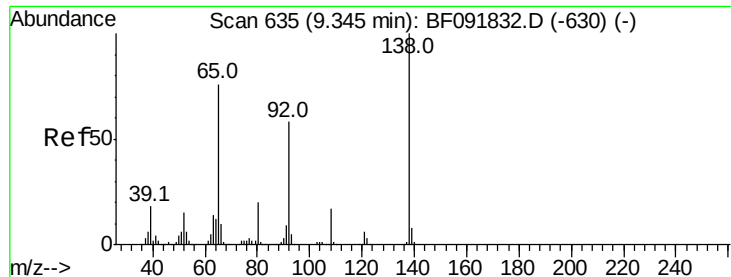


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.71 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

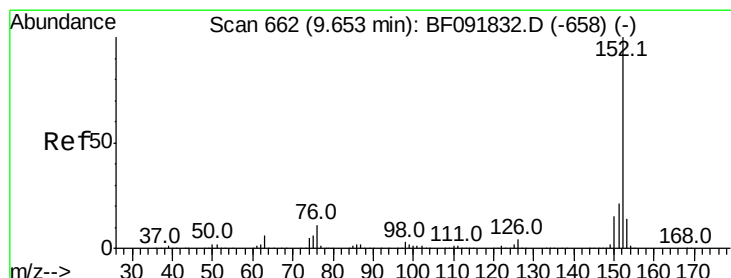
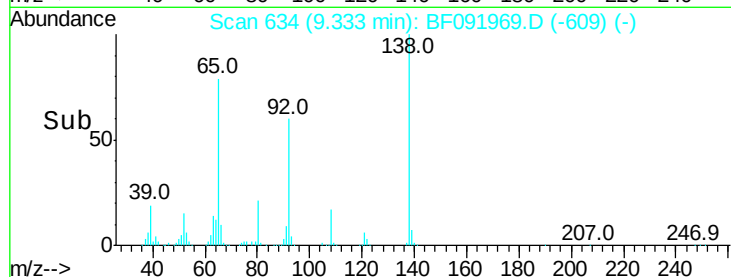
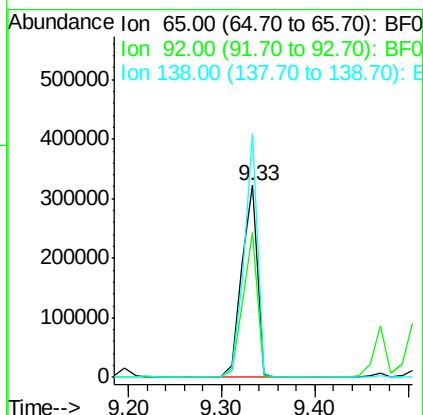
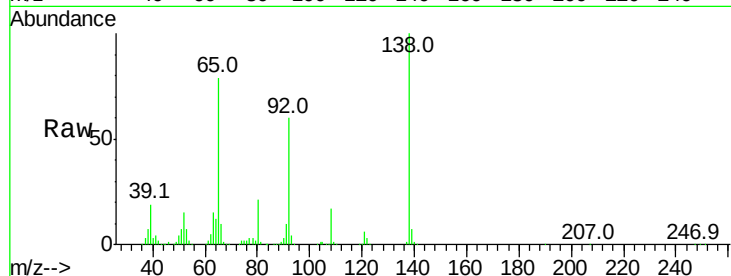
Tot Ion: 65 Resp: 375431

Ion Ratio Lower Upper

65 100

92 75.9 53.9 80.9

138 126.8 76.8 115.2#



#48

Acenaphthylene

Concen: 40.09 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

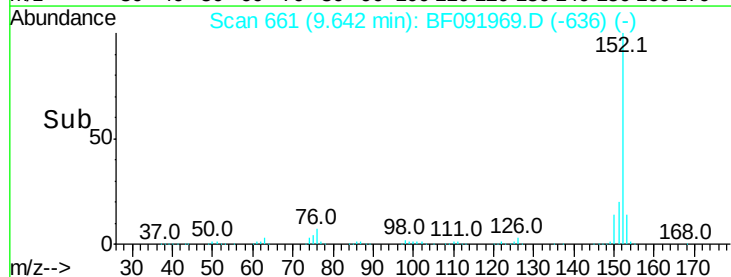
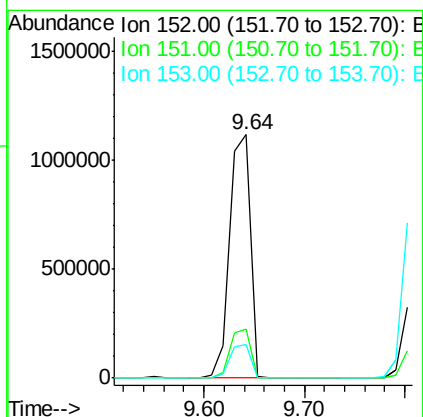
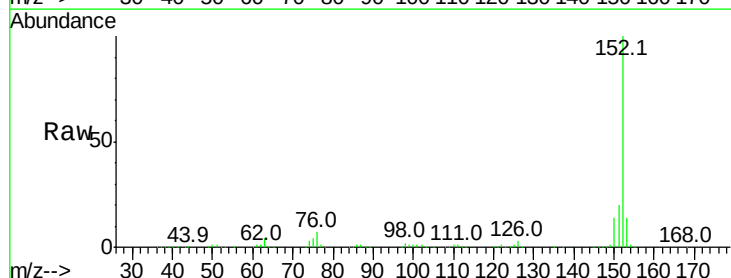
Tgt Ion: 152 Resp: 1596790

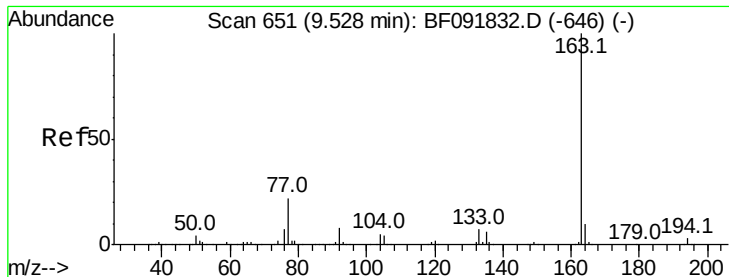
Ion Ratio Lower Upper

152 100

151 19.9 16.9 25.3

153 13.6 11.4 17.2





#49

Dimethylphthalate

Concen: 41.14 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

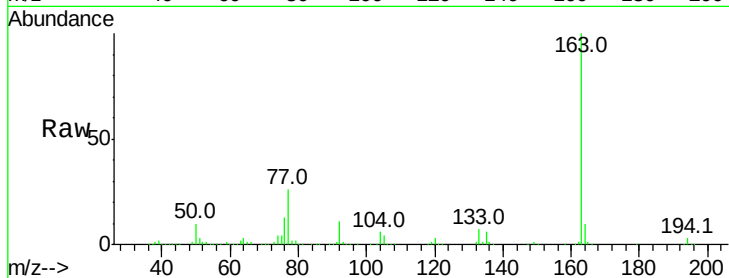
Tot Ion:163 Resp: 1256790

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

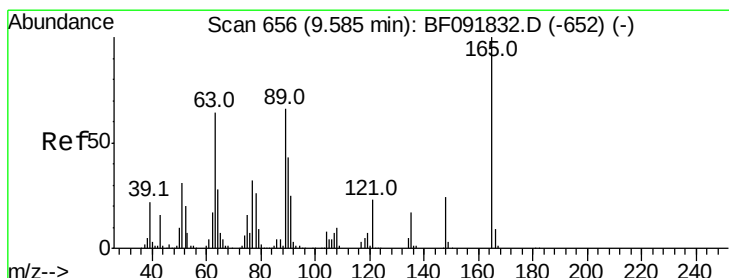
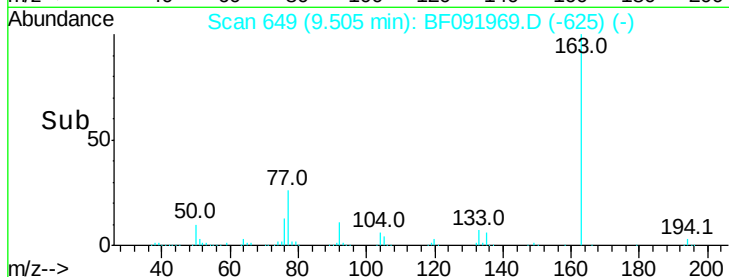
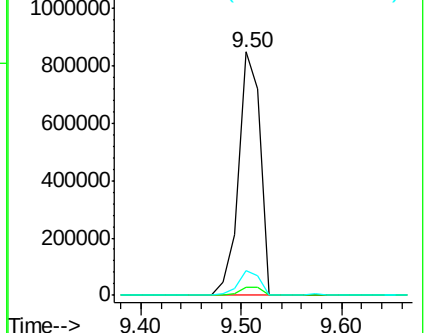
164 10.4 8.0 12.0



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: 45.81 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

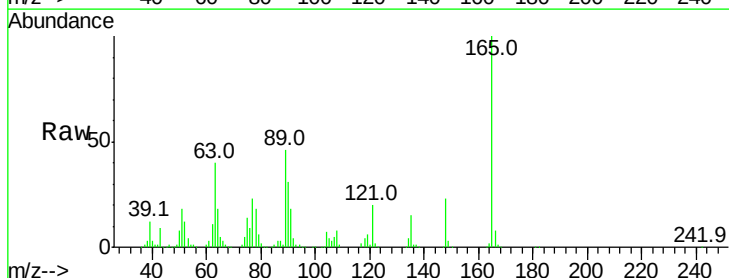
Tgt Ion:165 Resp: 306307

Ion Ratio Lower Upper

165 100

63 39.9 36.2 54.4

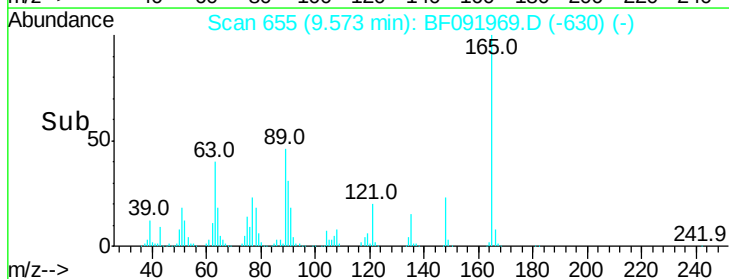
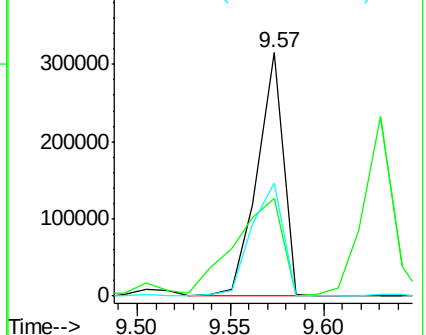
89 46.4 40.2 60.4

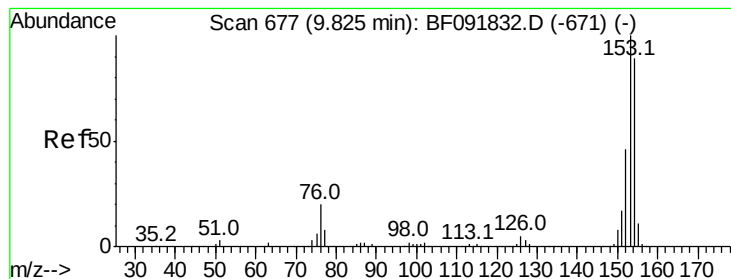


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.61 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

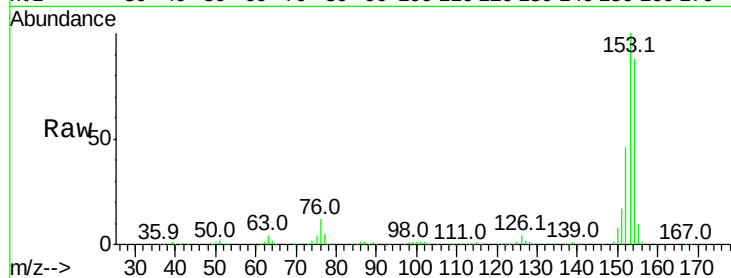
Tot Ion:154 Resp: 988598

Ion Ratio Lower Upper

154 100

153 113.2 88.6 133.0

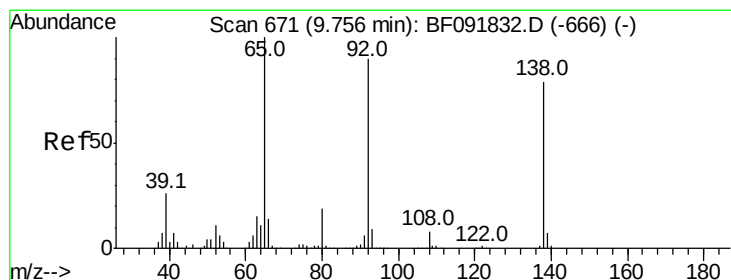
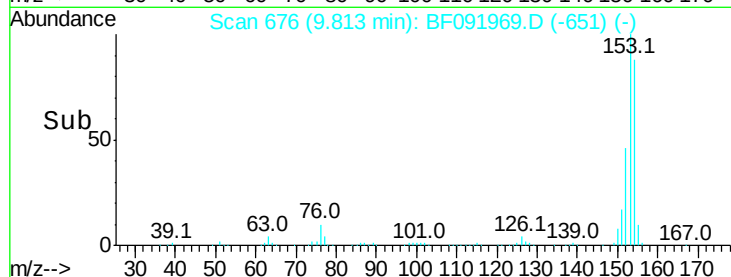
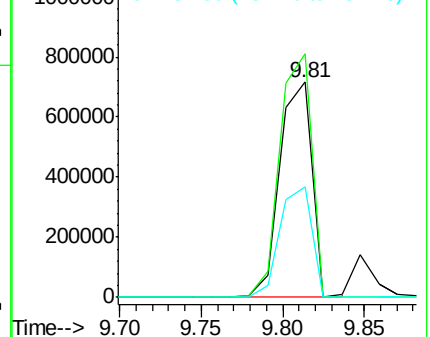
152 51.6 41.6 62.4



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: 24.52 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

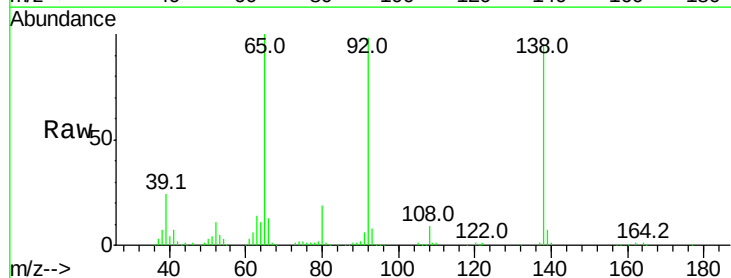
Tgt Ion:138 Resp: 202946

Ion Ratio Lower Upper

138 100

108 9.6 8.5 12.7

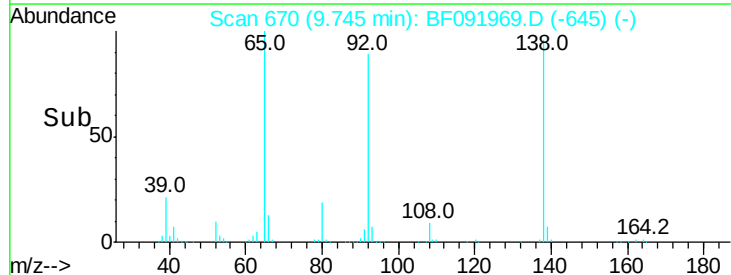
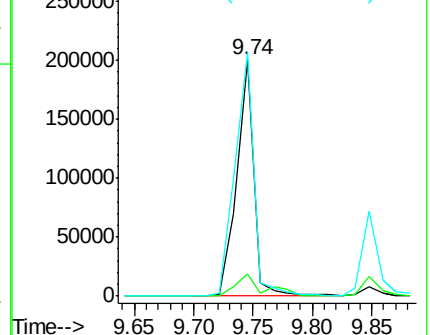
92 102.9 97.8 146.8

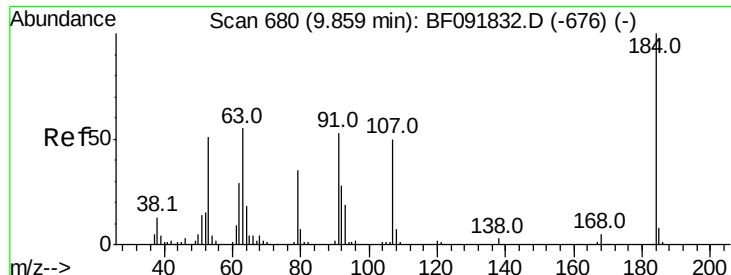


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

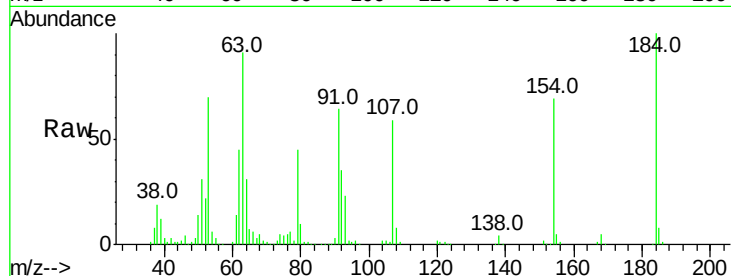




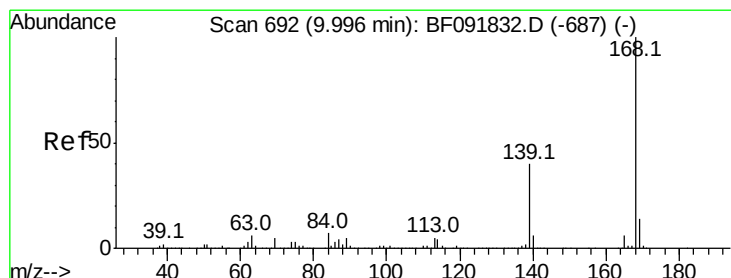
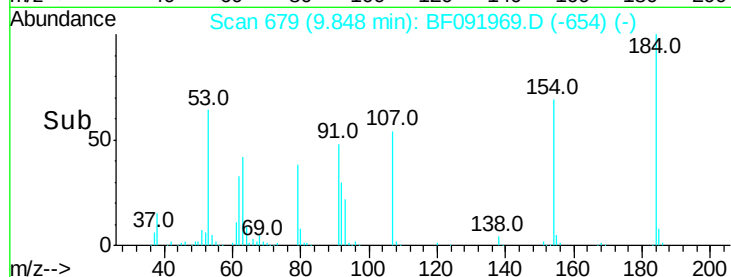
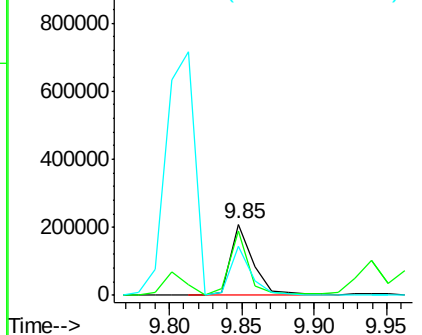
#53
2,4-Dinitrophenol
Concen: 60.94 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

Instrument :
BNA_F
ClientSampleId :
PB95629BS

Tot Ion:184 Resp: 226720
Ion Ratio Lower Upper
184 100
63 91.1 28.4 42.6#
154 68.6 44.3 66.5#

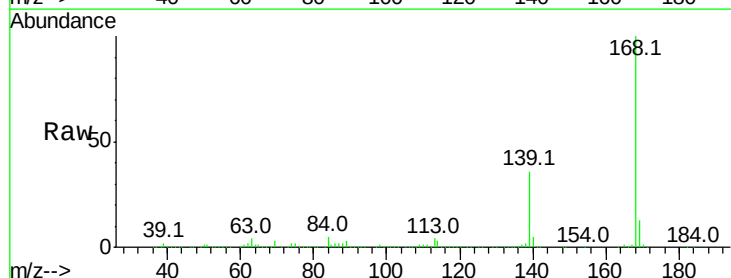


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

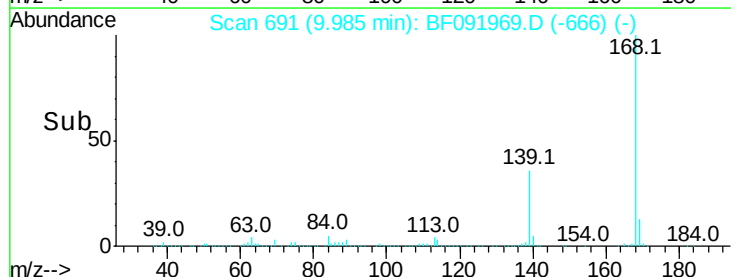
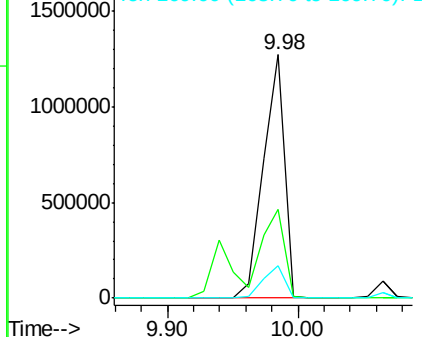


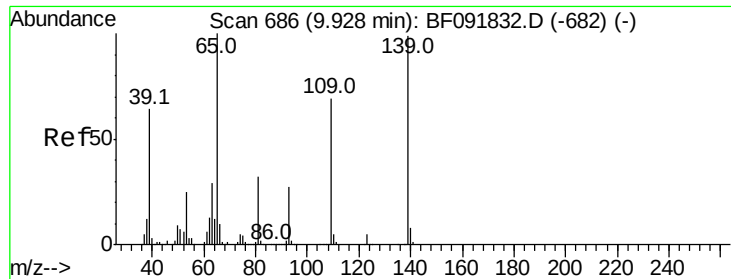
#54
Dibenzofuran
Concen: 39.51 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

Tgt Ion:168 Resp: 1441092
Ion Ratio Lower Upper
168 100
139 36.3 32.6 49.0
169 13.4 11.3 16.9



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

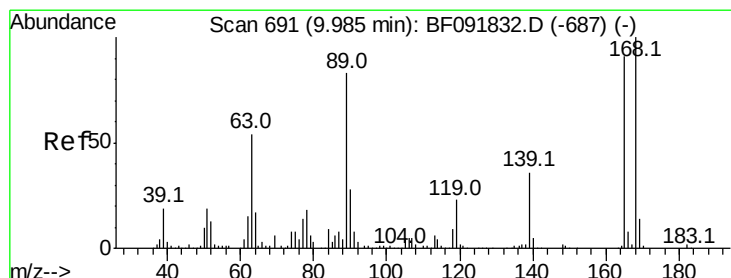
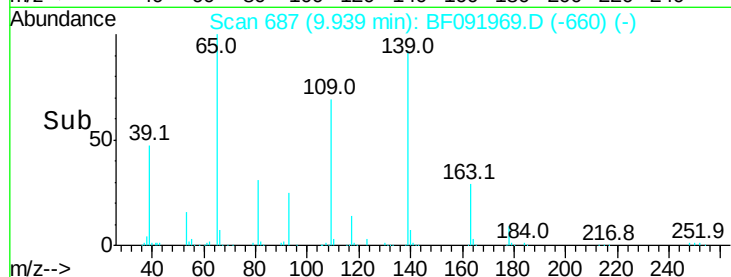
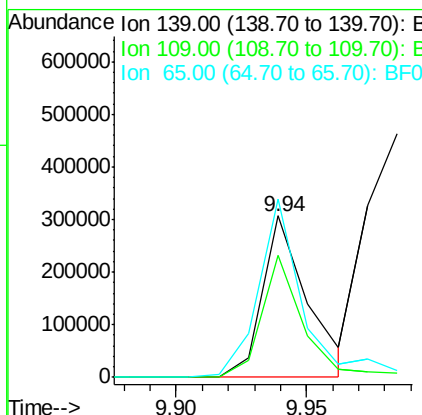
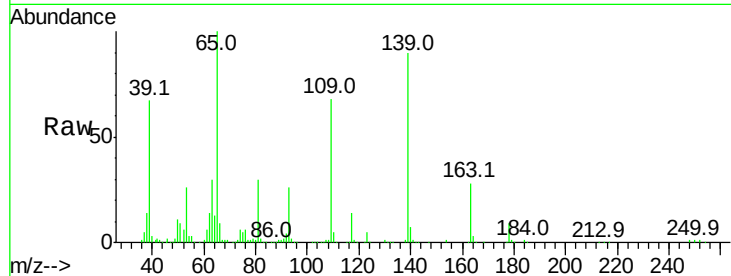




#55
4-Nitrophenol
Concen: 66.19 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

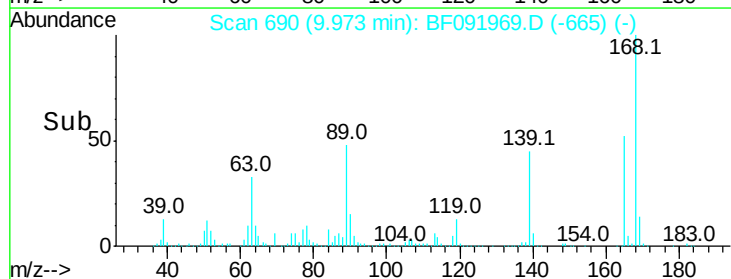
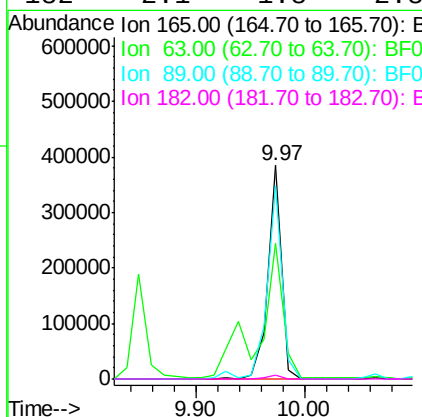
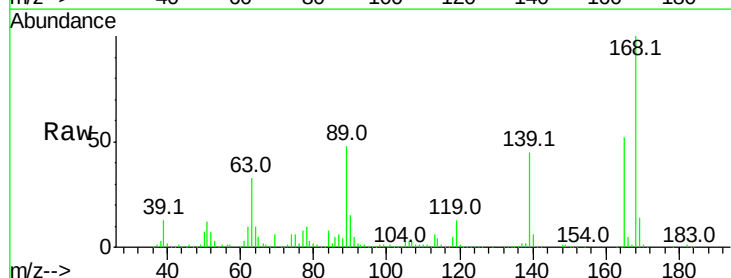
Instrument :
BNA_F
ClientSampleId :
PB95629BS

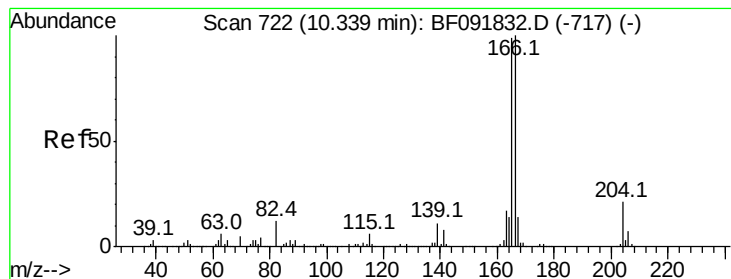
Tot Ion:139 Resp: 371901
Ion Ratio Lower Upper
139 100
109 75.5 52.2 92.2
65 110.8 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 40.54 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

Tgt Ion:165 Resp: 340238
Ion Ratio Lower Upper
165 100
63 63.7 40.2 60.4#
89 90.7 62.5 93.7
182 2.1 1.8 2.8





#57

Fluorene

Concen: 40.13 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleID :

PB95629BS

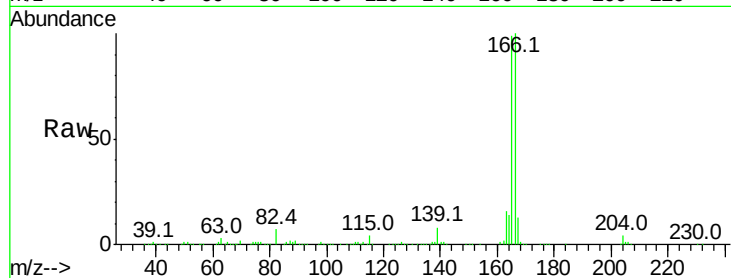
Tot Ion:166 Resp: 1064801

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.8

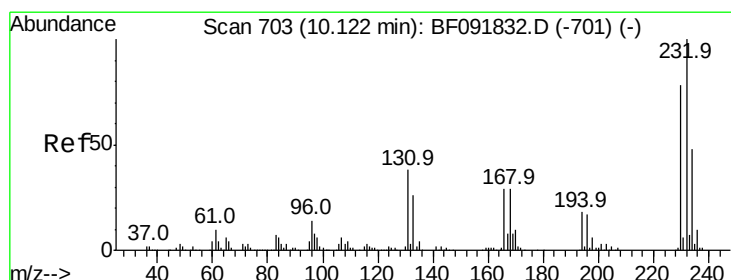
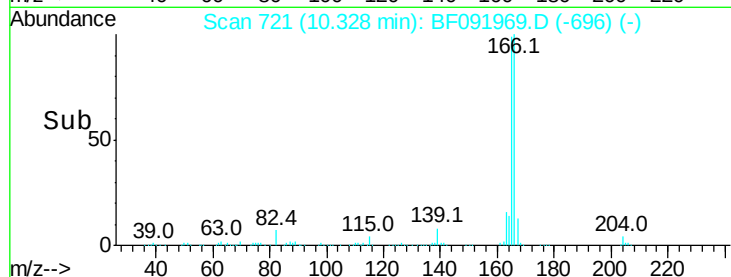
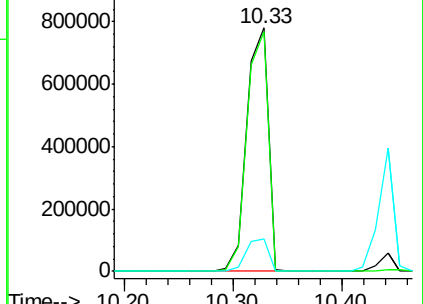
167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.91 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Tgt Ion:232 Resp: 294801

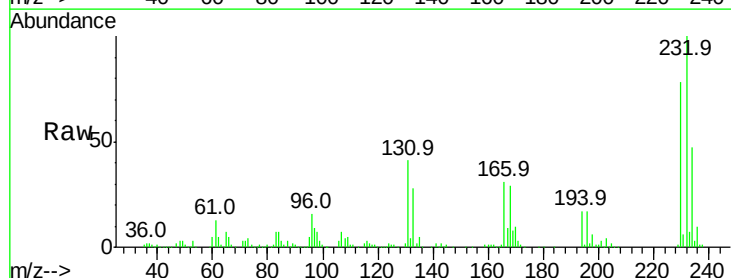
Ion Ratio Lower Upper

232 100

131 48.8 40.1 60.1

130 2.3 1.8 2.8

166 32.1 26.6 39.8

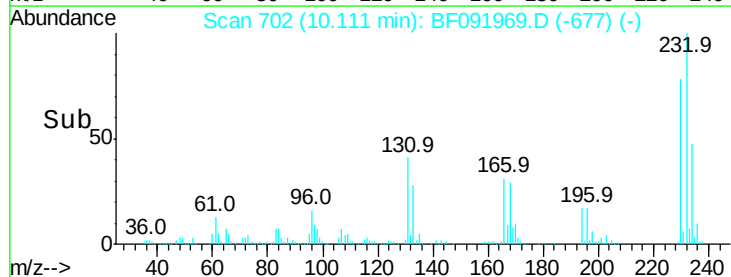
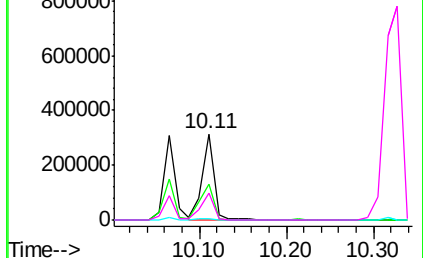


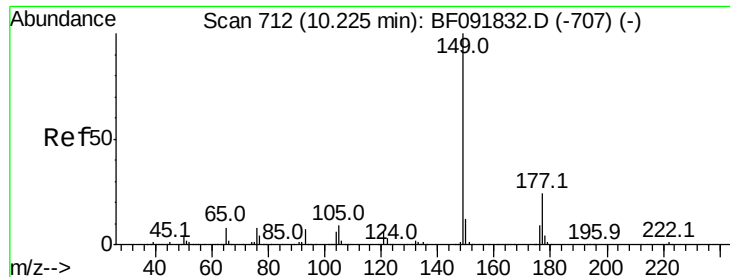
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

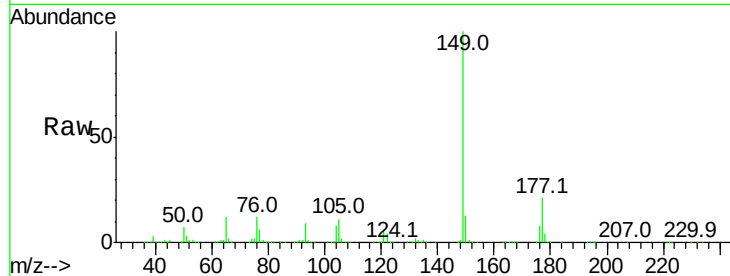




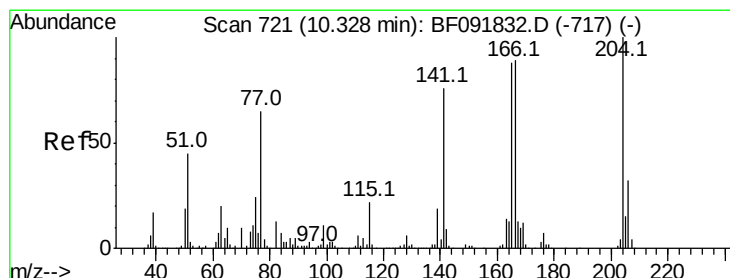
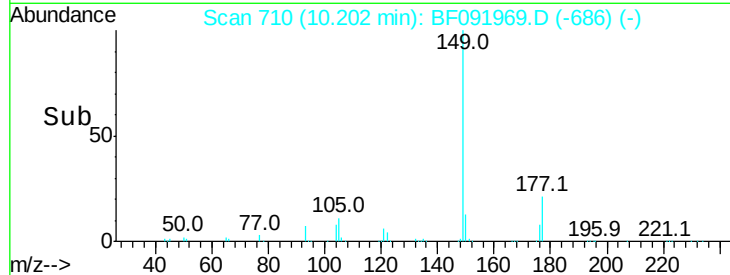
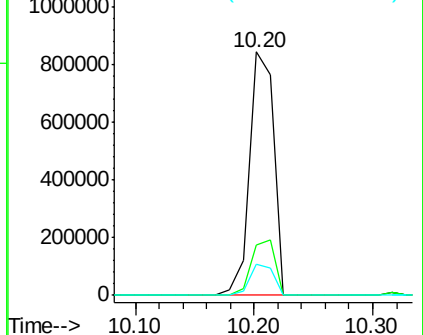
#59
Diethylphthalate
Concen: 40.59 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.02 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

Instrument :
BNA_F
ClientSampled :
PB95629BS

Tot Ion:149 Resp: 1204223
Ion Ratio Lower Upper
149 100
177 20.7 16.6 25.0
150 12.8 10.4 15.6

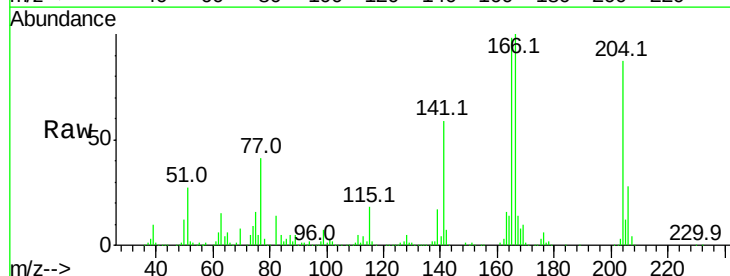


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

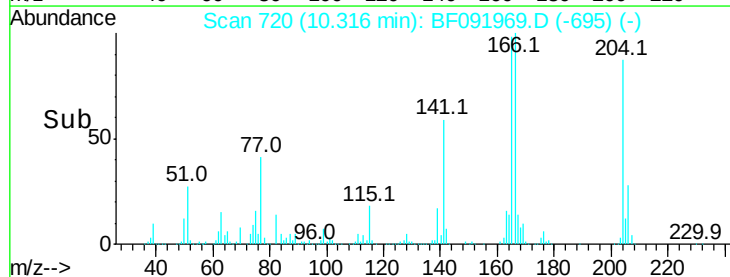
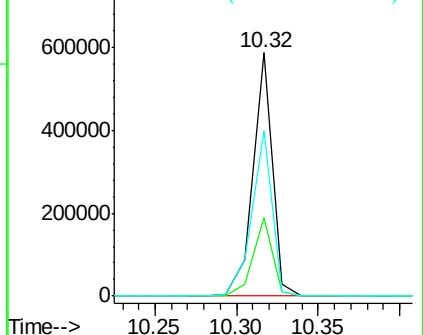


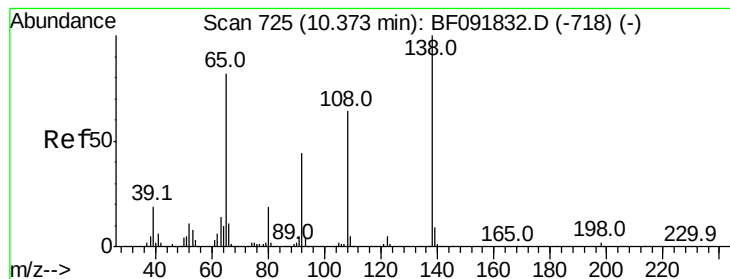
#60
4-Chlorophenyl-phenylether
Concen: 42.00 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

Tgt Ion:204 Resp: 488008
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 67.8 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 35.29 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

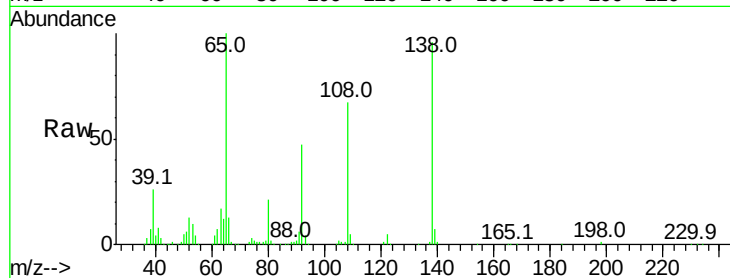
Tot Ion:138 Resp: 302585

Ion Ratio Lower Upper

138 100

92 48.5 31.7 71.7

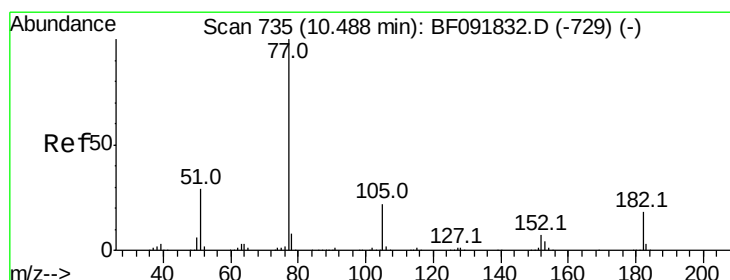
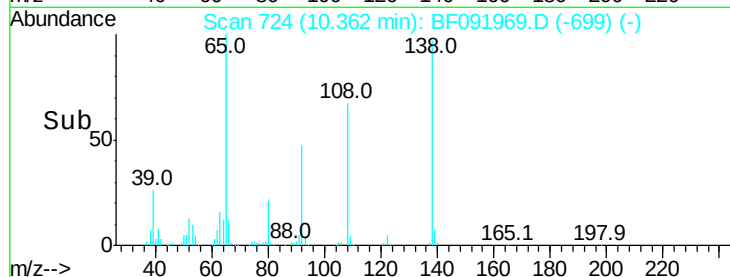
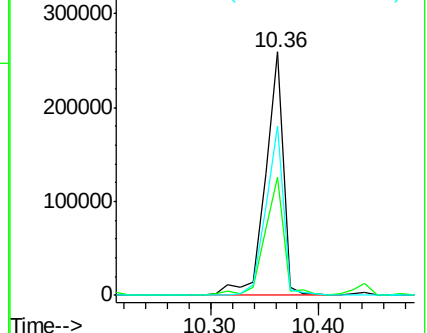
108 69.6 52.6 92.6



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: 44.09 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Tgt Ion: 77 Resp: 1440267

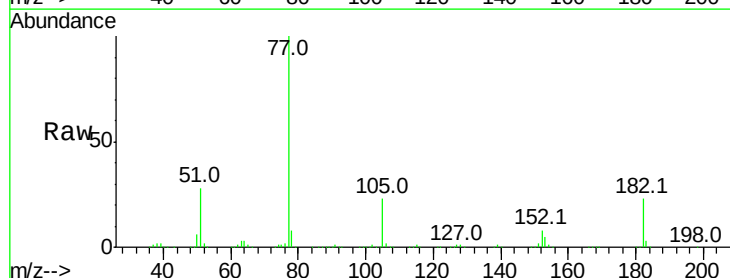
Ion Ratio Lower Upper

77 100

182 22.6 0.0 39.3

105 23.2 2.3 42.3

51 27.6 8.9 48.9

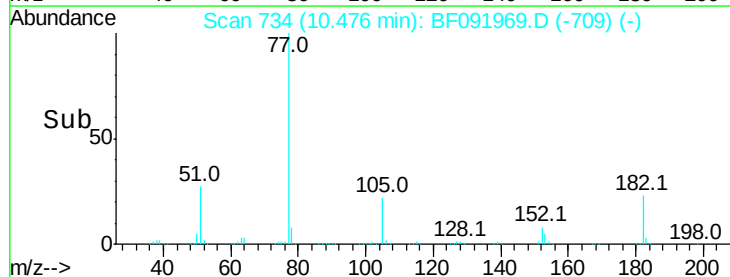
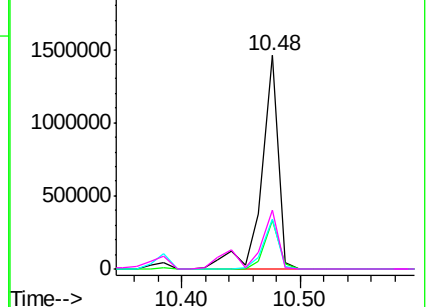


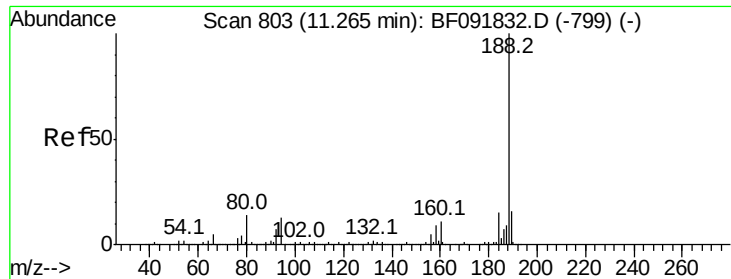
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

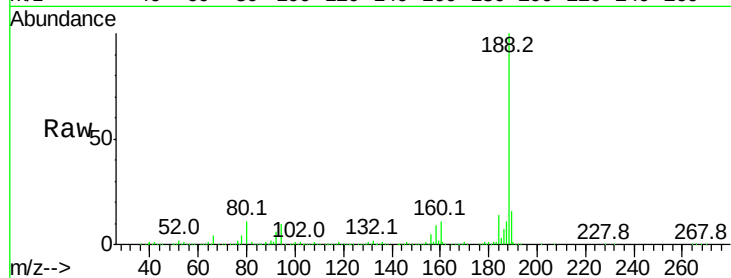




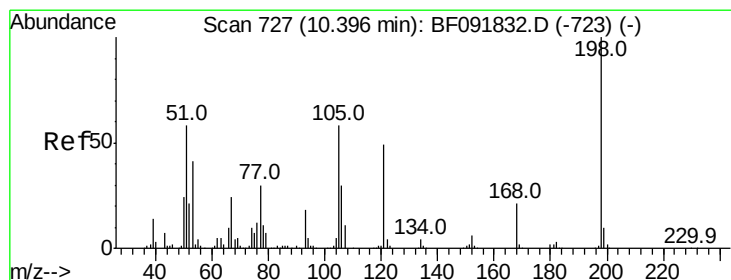
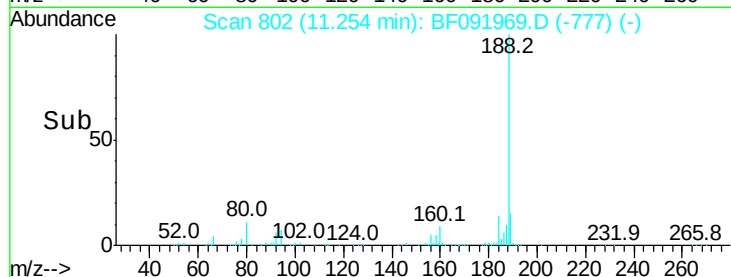
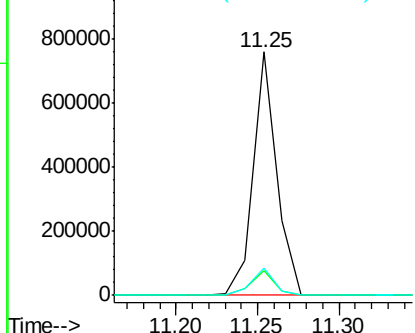
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

Instrument :
BNA_F
ClientSampleId :
PB95629BS

Tot Ion:188 Resp: 760275
Ion Ratio Lower Upper
188 100
94 10.2 10.0 15.0
80 11.3 11.2 16.8

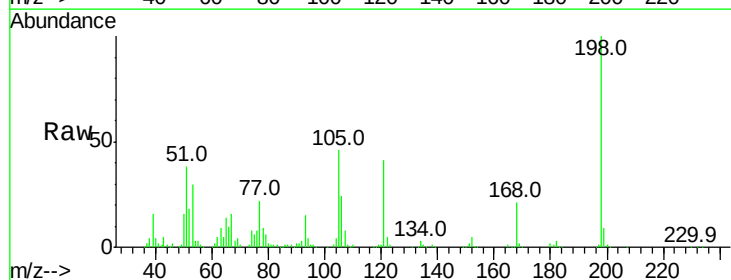


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

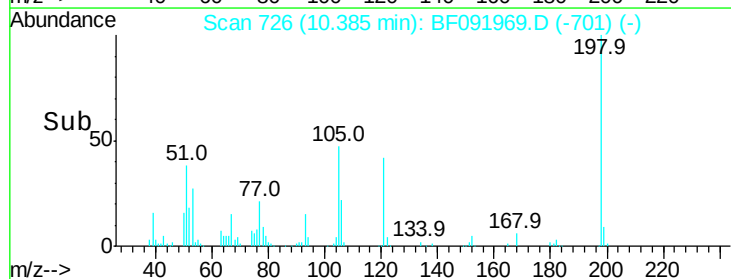
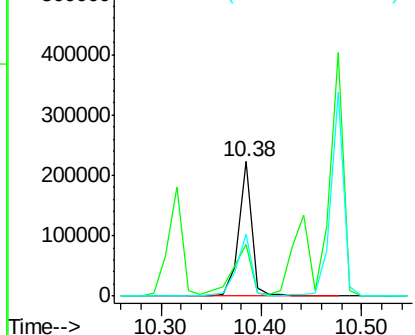


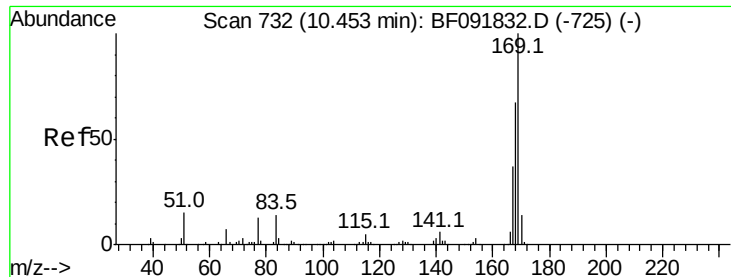
#64
4,6-Dinitro-2-methylphenol
Concen: 44.25 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

Tgt Ion:198 Resp: 203449
Ion Ratio Lower Upper
198 100
51 38.0 6.7 46.7
105 46.2 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 44.84 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

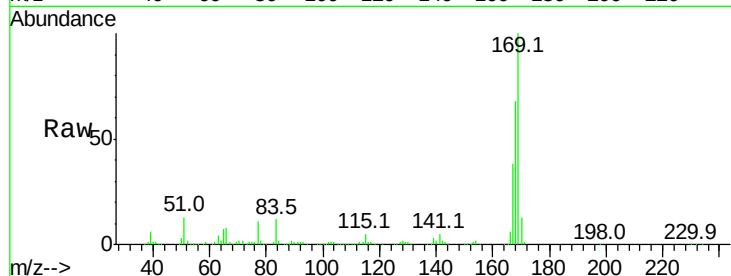
Tot Ion:169 Resp: 1011565

Ion Ratio Lower Upper

169 100

168 68.2 54.2 81.2

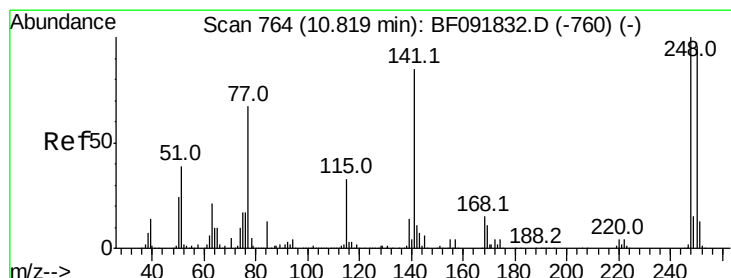
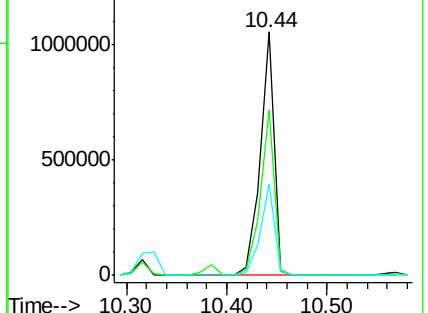
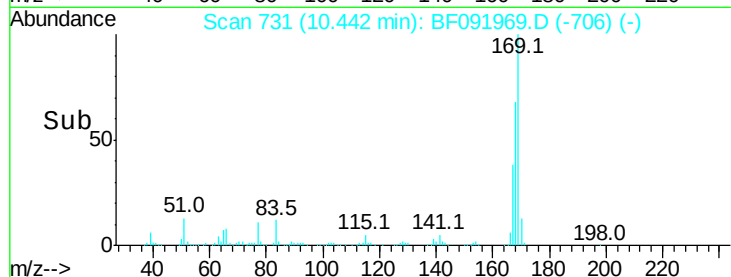
167 37.6 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.96 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

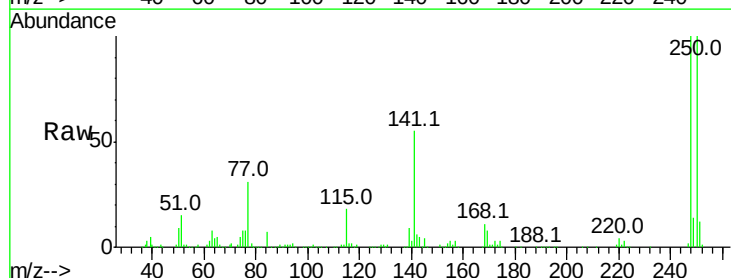
Tgt Ion:248 Resp: 339783

Ion Ratio Lower Upper

248 100

250 100.3 76.9 115.3

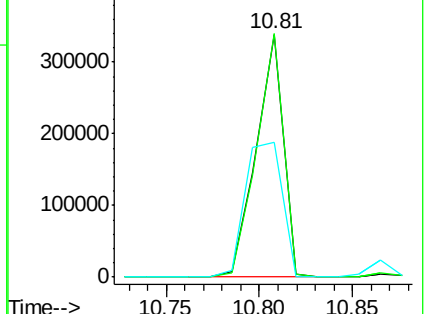
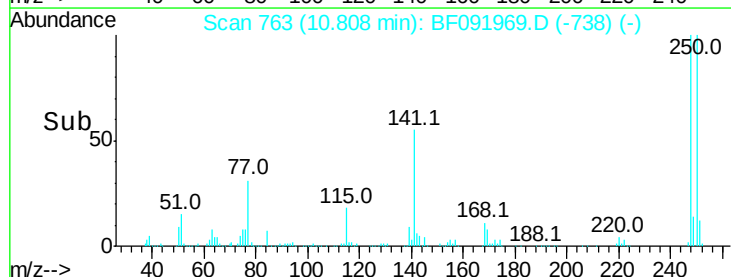
141 55.4 68.2 102.4#

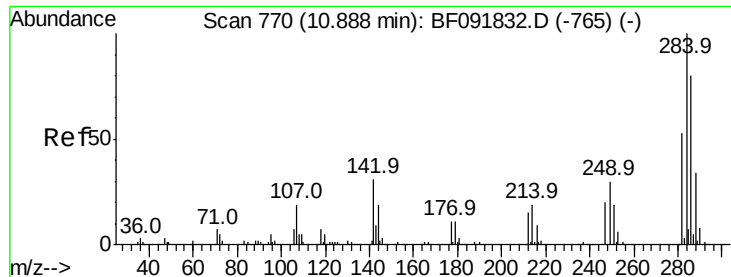


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.62 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

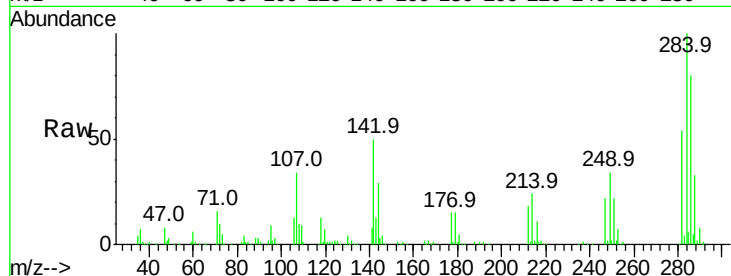
Tot Ion:284 Resp: 326498

Ion Ratio Lower Upper

284 100

142 49.6 22.6 33.8#

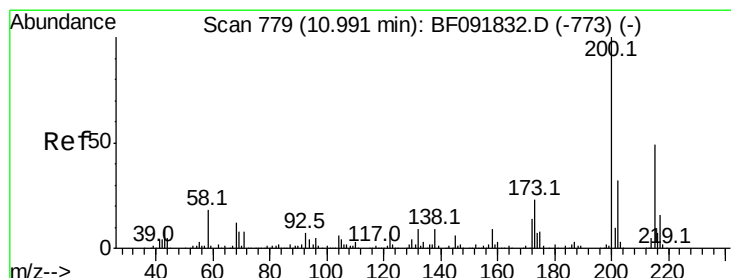
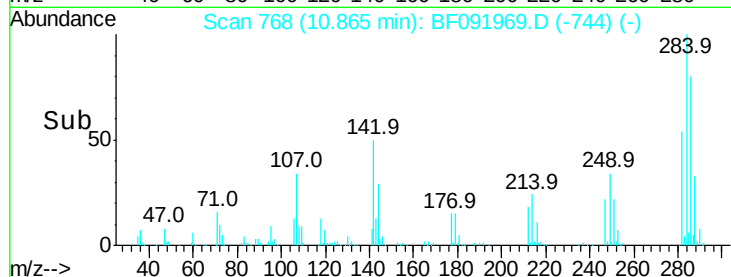
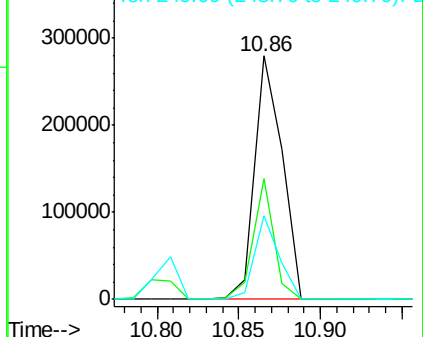
249 34.5 25.4 38.0



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: 38.22 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

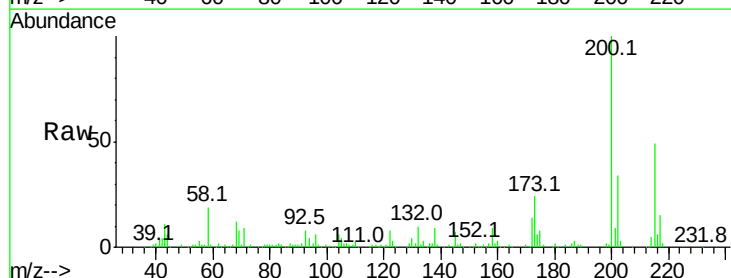
Tgt Ion:200 Resp: 278136

Ion Ratio Lower Upper

200 100

173 24.1 9.6 49.6

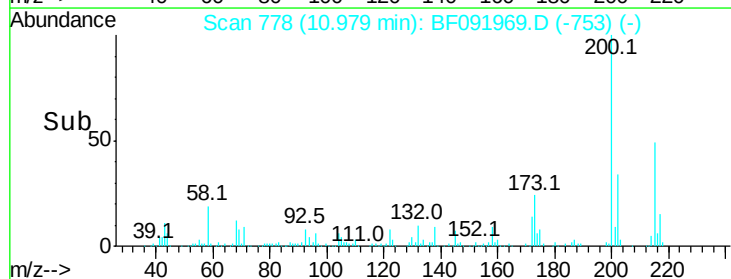
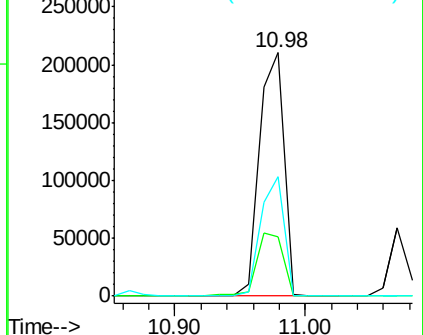
215 49.1 25.7 65.7

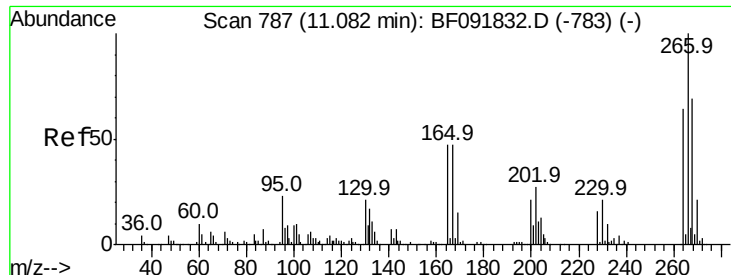


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

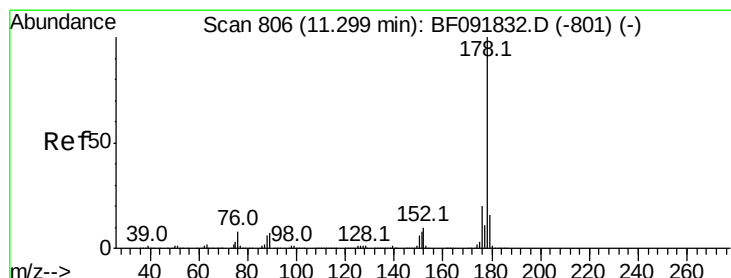
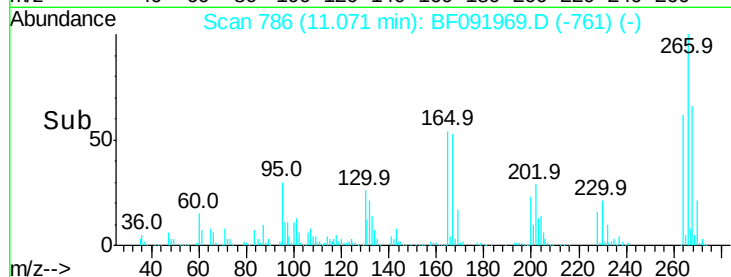
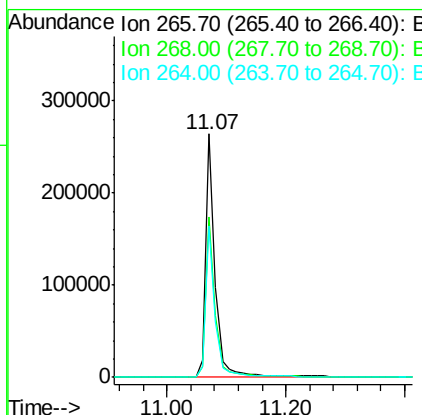
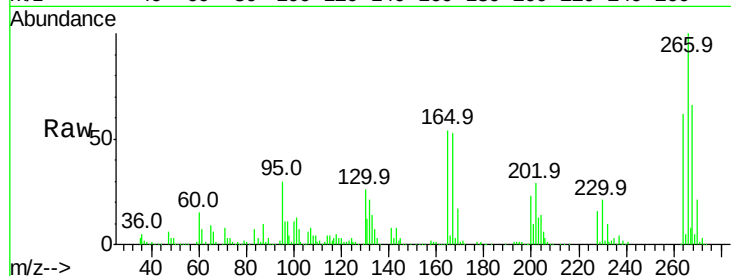




#69
 Pentachlorophenol
 Concen: 73.57 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

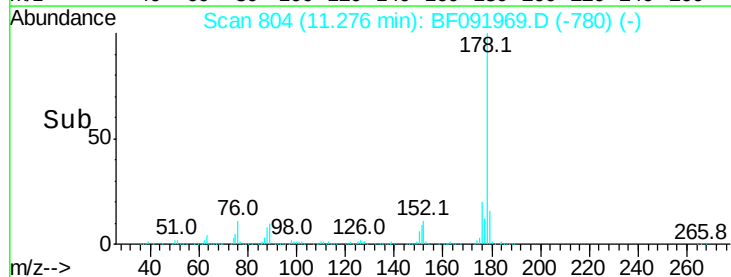
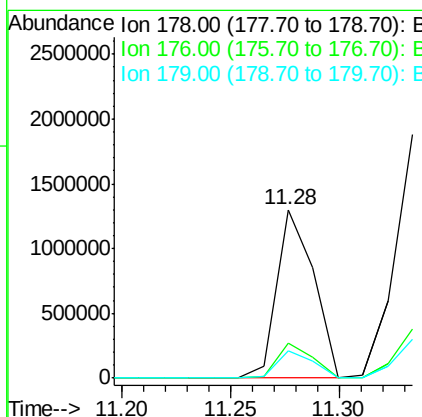
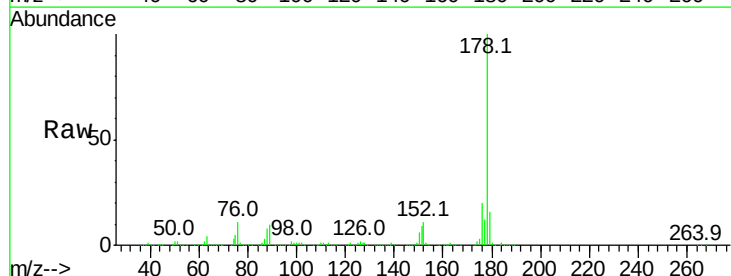
Instrument :
 BNA_F
 ClientSampleId :
 PB95629BS

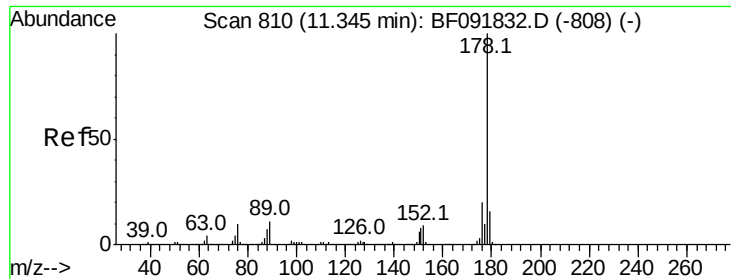
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	53.3	79.9
264	62.3	50.3	75.5



#70
 Phenanthrene
 Concen: 37.65 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.6	25.0
179	16.5	12.8	19.2





#71

Anthracene

Concen: 49.93 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

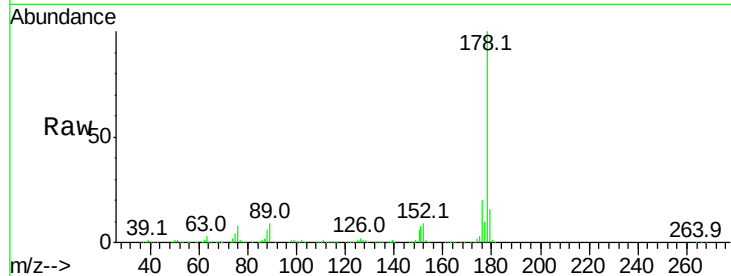
Tot Ion:178 Resp: 1756722

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

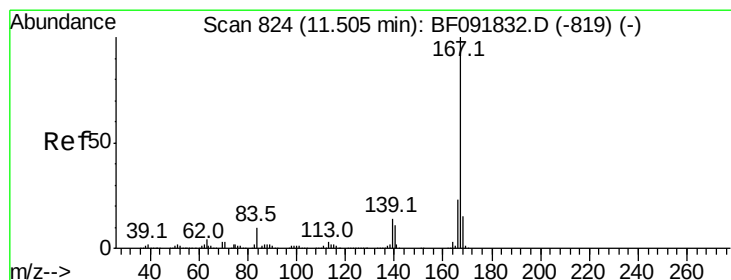
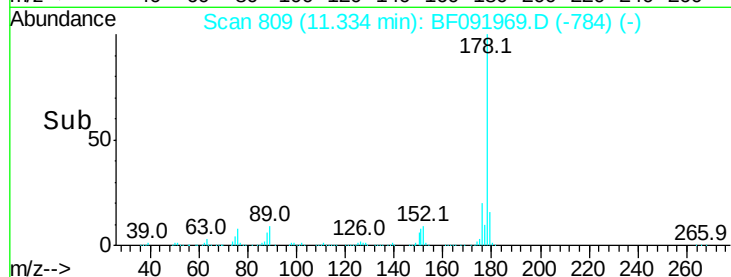
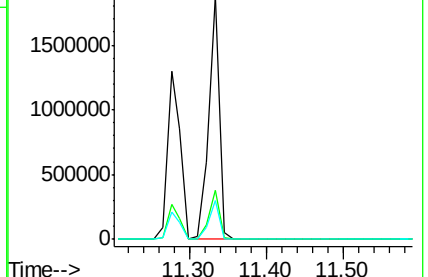
179 16.1 13.2 19.8



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: 38.49 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

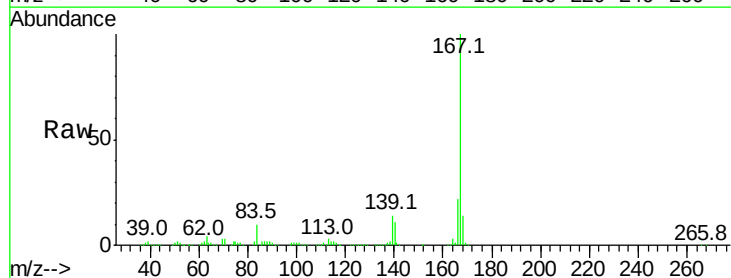
Tgt Ion:167 Resp: 1391013

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

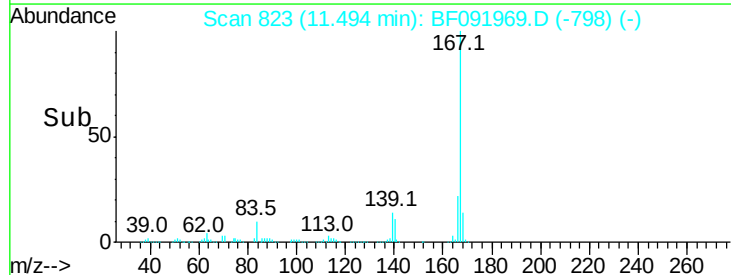
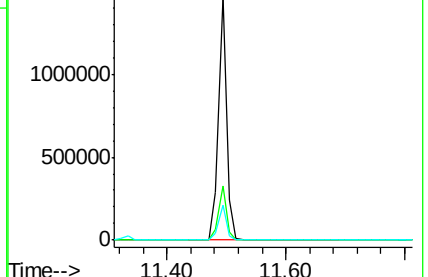
139 14.3 11.4 17.2

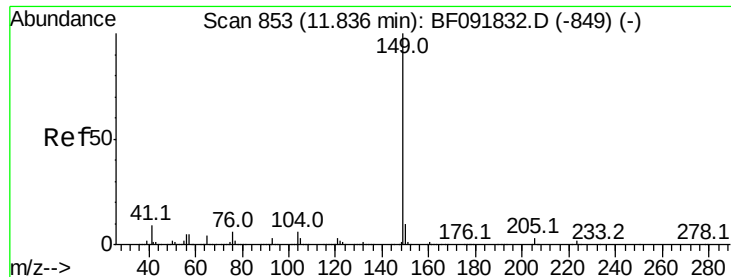


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.28 ng

RT: 11.83 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

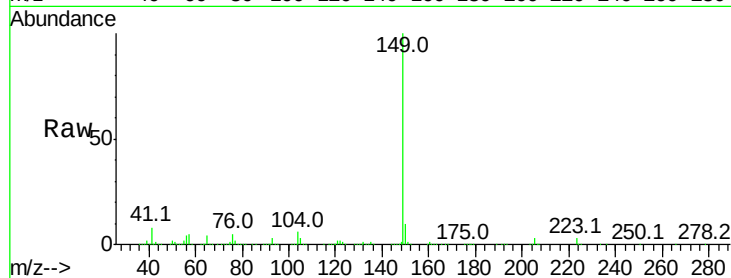
Tot Ion:149 Resp: 1767777

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

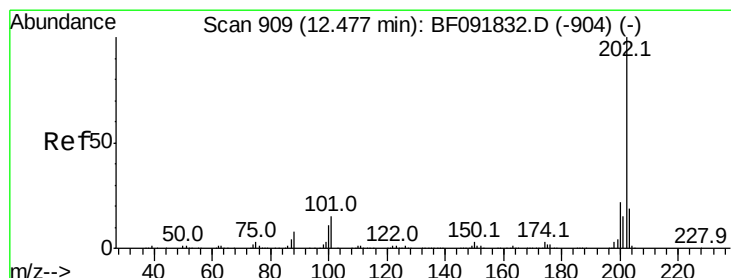
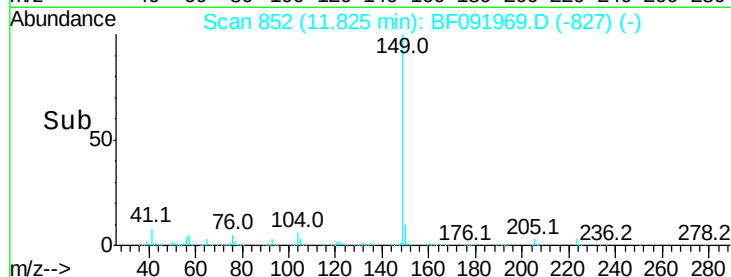
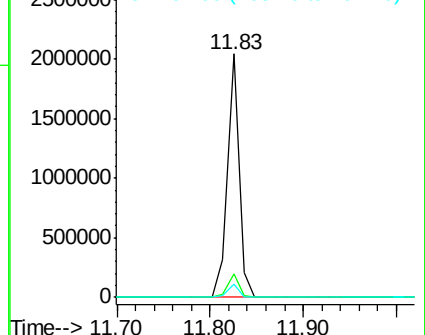
104 5.5 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.03 ng

RT: 12.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

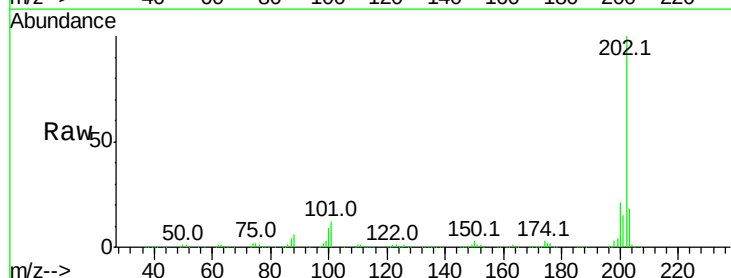
Tgt Ion:202 Resp: 1628494

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.6

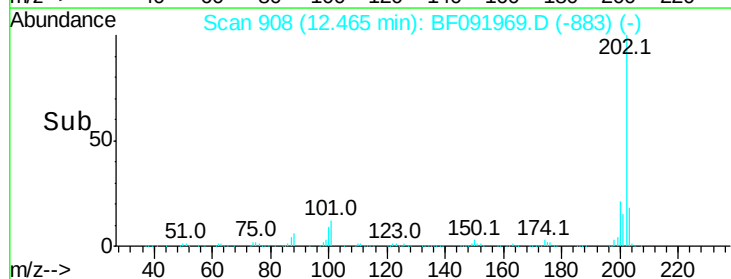
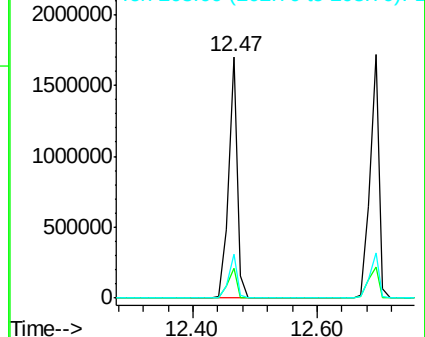
203 18.4 0.0 38.7

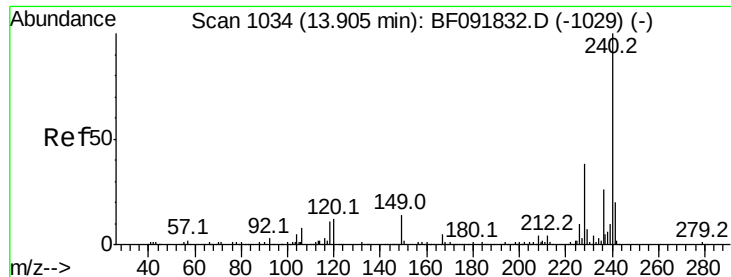


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

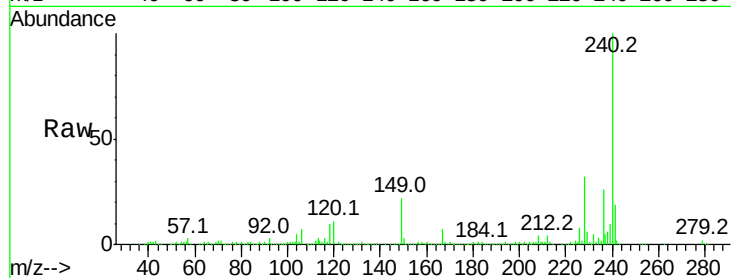
Tot Ion:240 Resp: 566130

Ion Ratio Lower Upper

240 100

120 10.9 12.9 19.3#

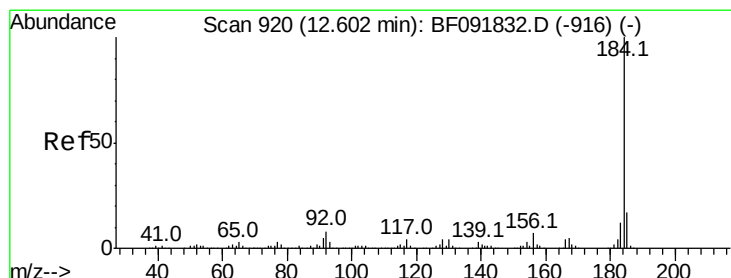
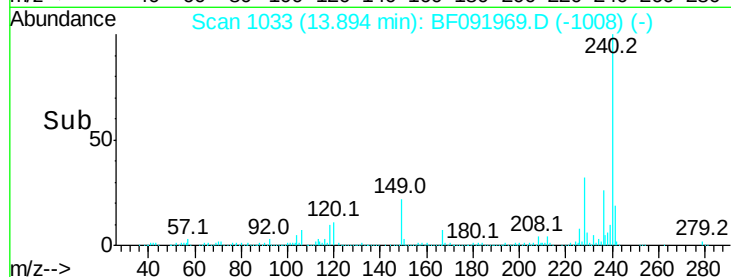
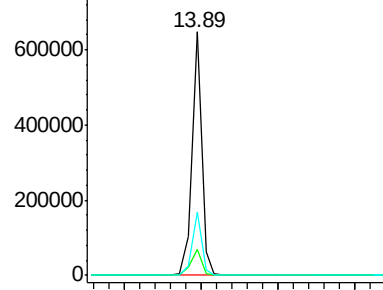
236 25.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.01 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

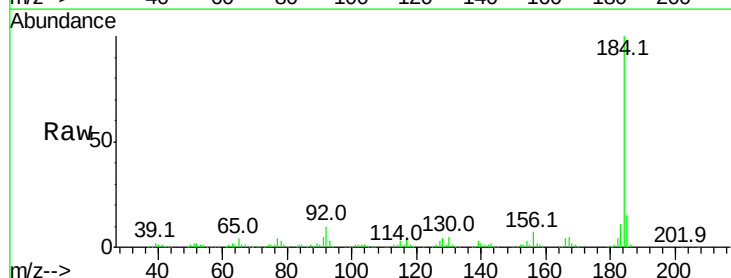
Tgt Ion:184 Resp: 691945

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

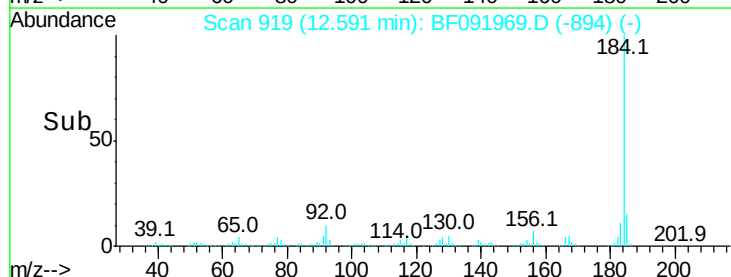
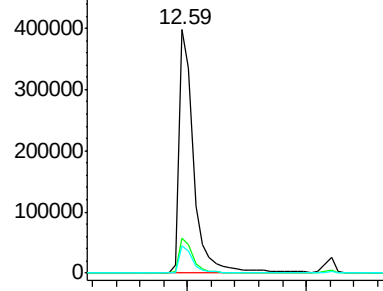
183 11.3 9.2 13.8

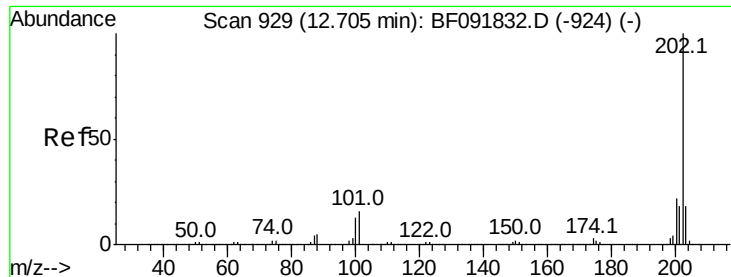


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

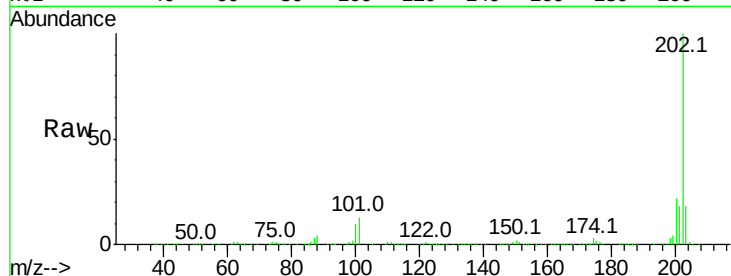




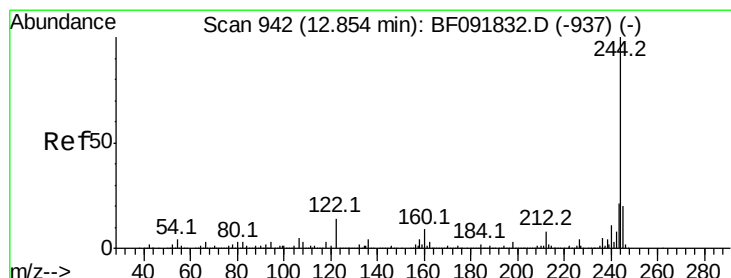
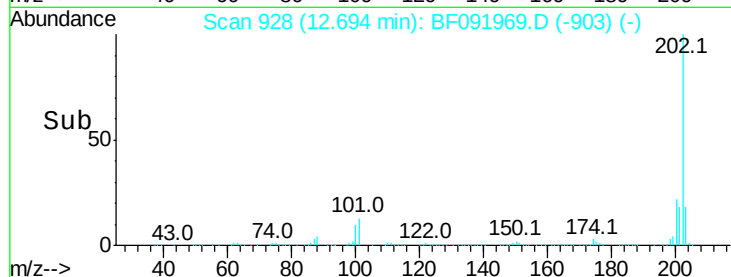
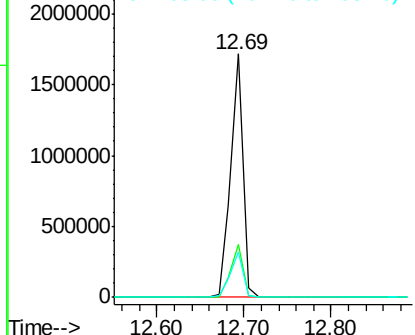
#77
Pvrene
Concen: 40.76 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

Instrument :
BNA_F
ClientSampleId :
PB95629BS

Tot Ion:202 Resp: 1693253
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 18.4 14.7 22.1

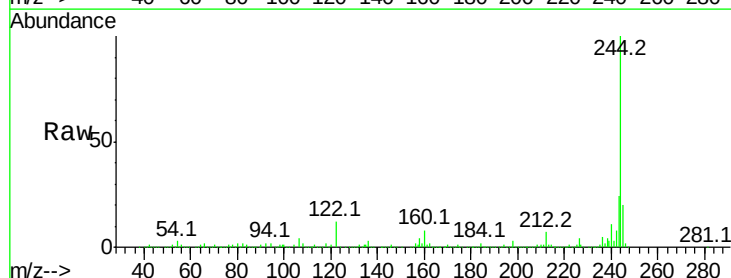


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

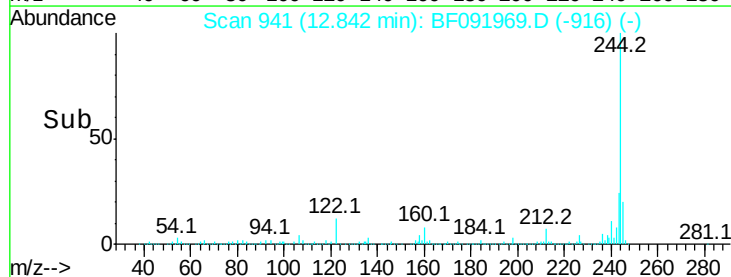
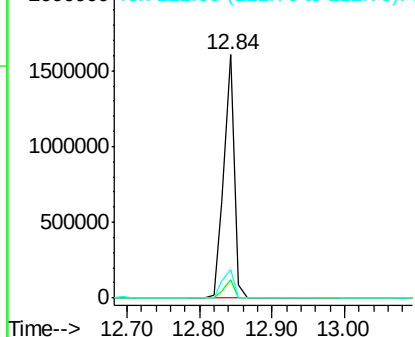


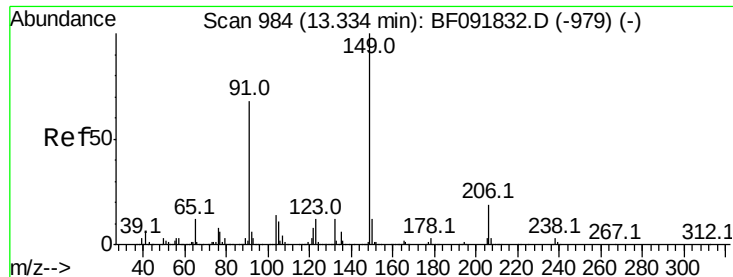
#78
Terphenyl-d14
Concen: 69.49 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

Tgt Ion:244 Resp: 1622171
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 11.8 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

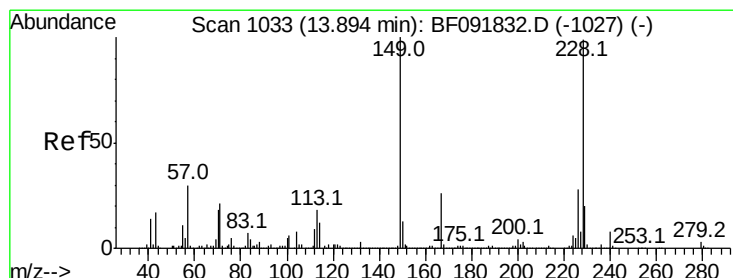
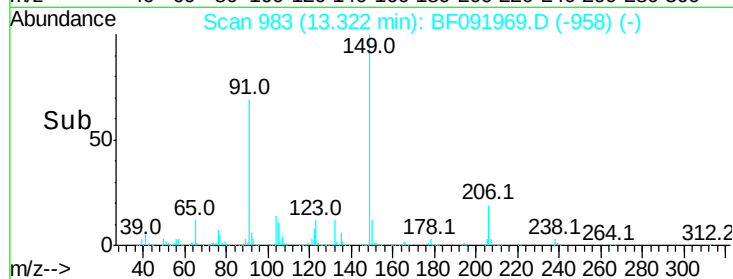
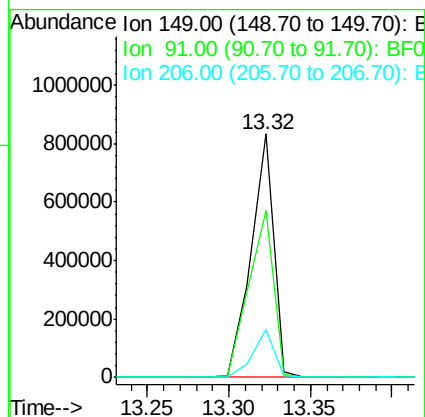
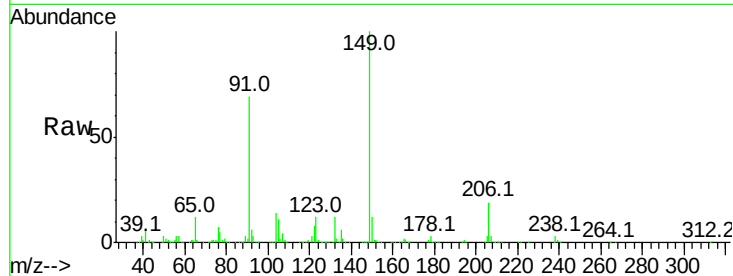




#79
Butylbenzylphthalate
Concen: 42.62 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

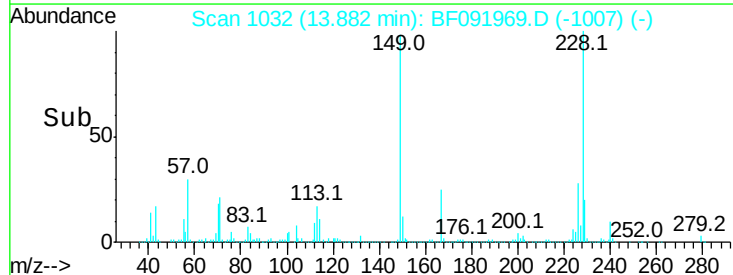
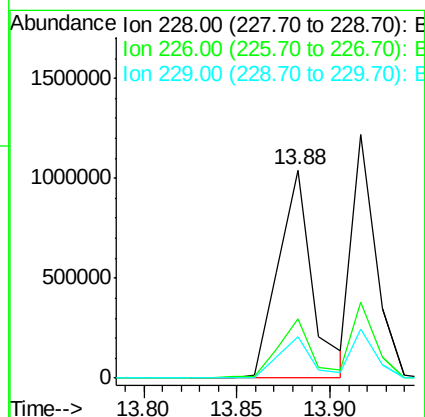
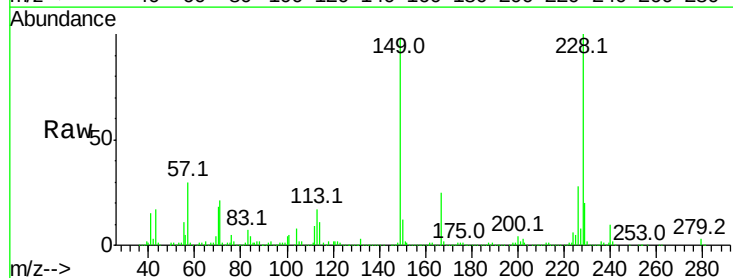
Instrument :
BNA_F
ClientSampleId :
PB95629BS

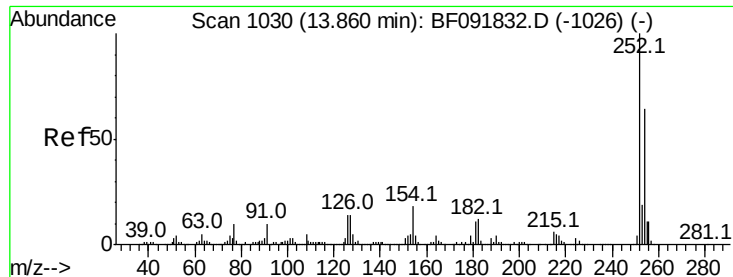
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.5	63.9	95.9
206	19.4	14.6	21.8



#80
Benzo(a)anthracene
Concen: 41.32 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	20.1	16.2	24.4

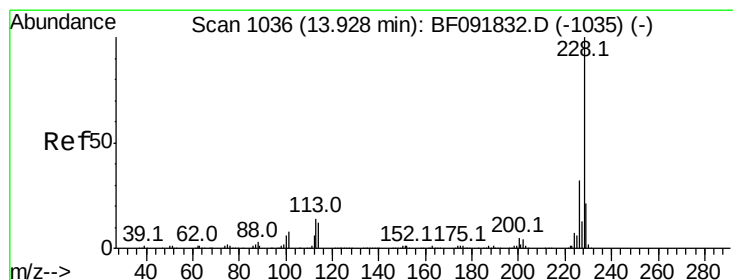
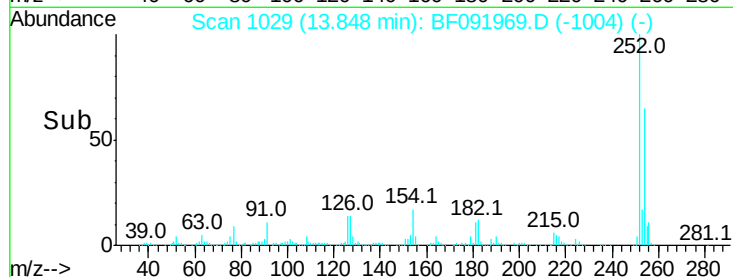
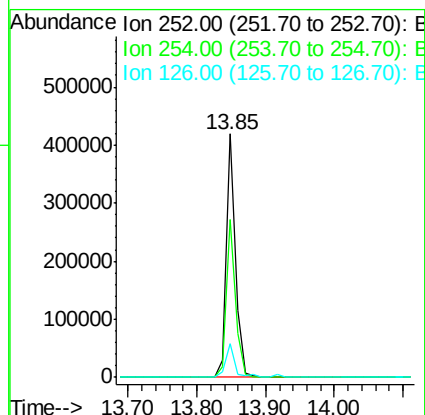
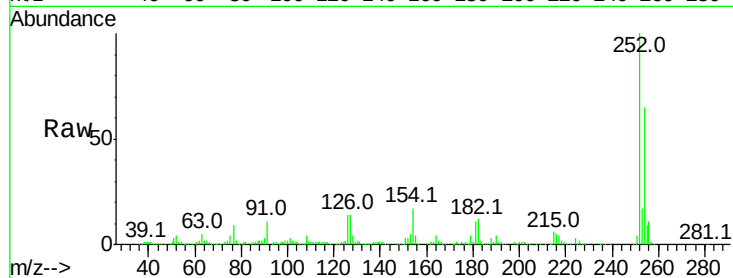




#81
 3,3'-Dichlorobenzidine
 Concen: 32.85 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

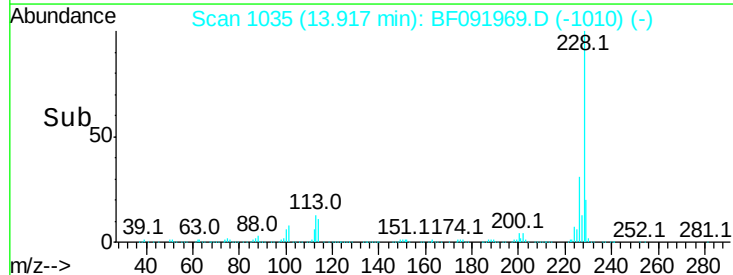
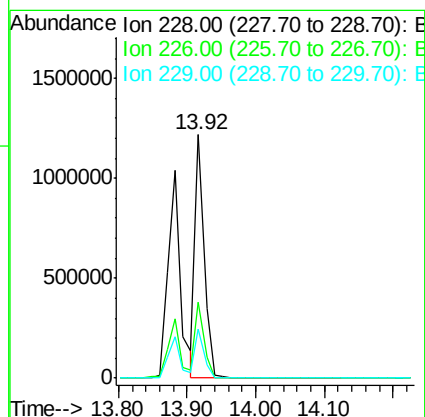
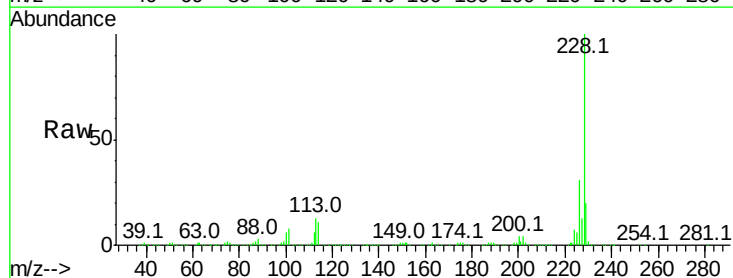
Instrument :
 BNA_F
 ClientSampleId :
 PB95629BS

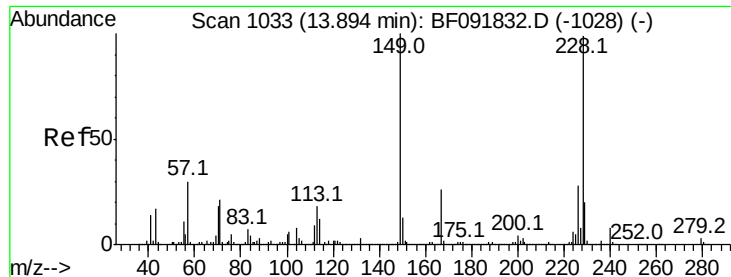
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	52.3	78.5
126	14.1	13.6	20.4



#82
 Chrysene
 Concen: 34.44 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	20.3	16.2	24.2

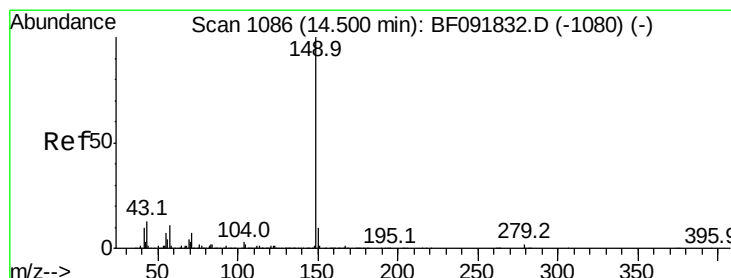
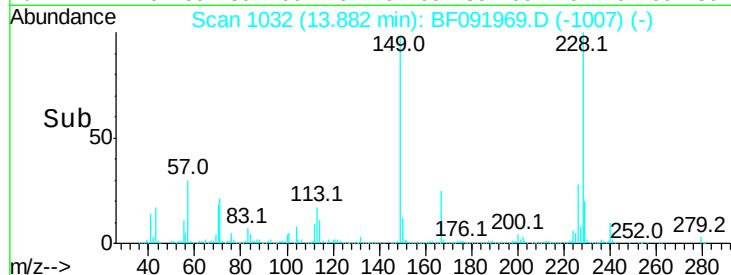
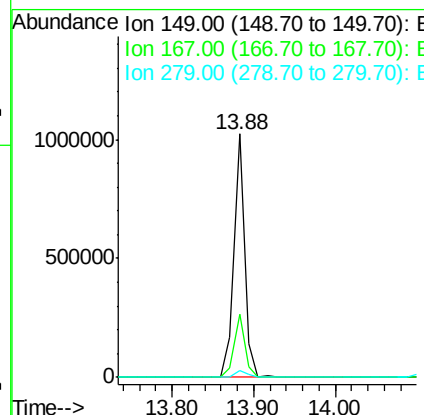
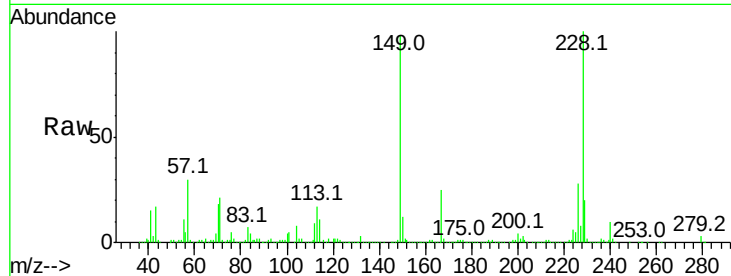




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.65 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

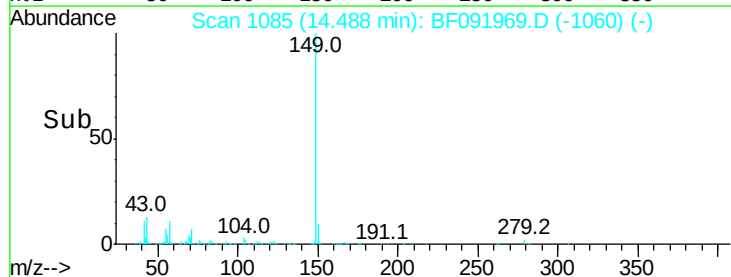
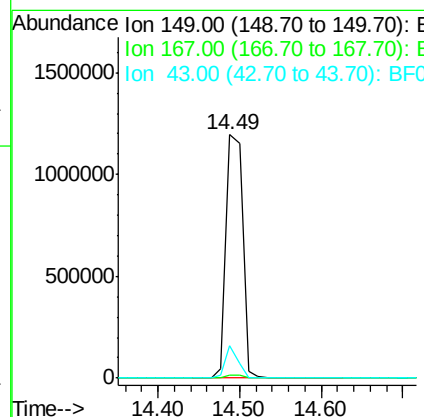
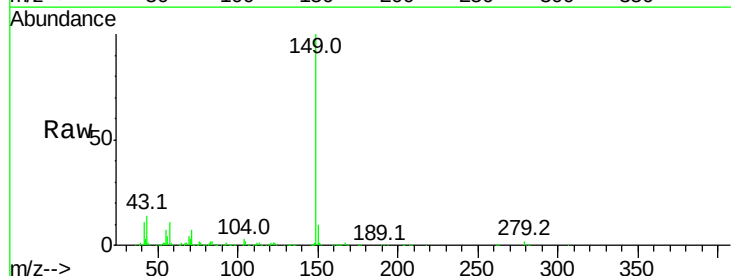
Instrument :
 BNA_F
 ClientSampleId :
 PB95629BS

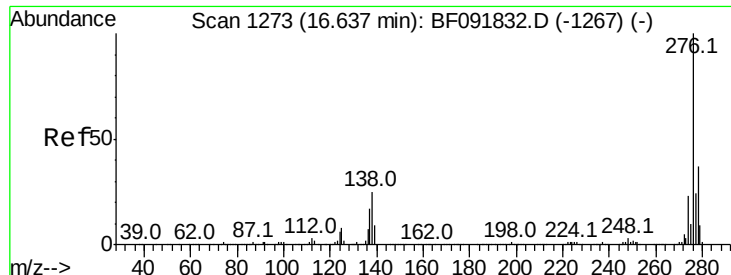
Tot Ion:149 Resp: 926546
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.2 30.4
 279 2.7 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 40.82 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

Tgt Ion:149 Resp: 1682313
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.1 8.9 13.3

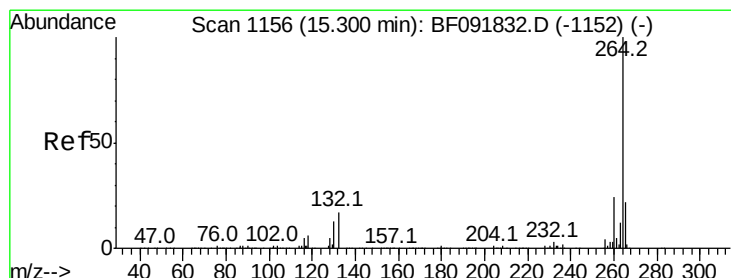
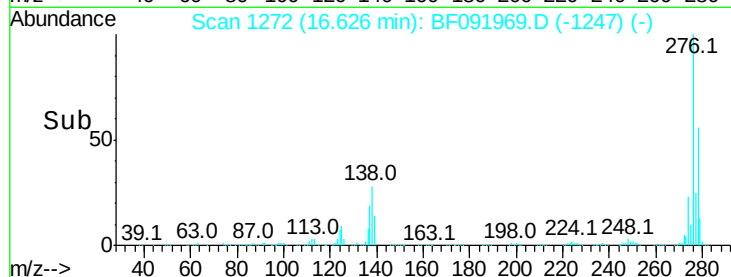
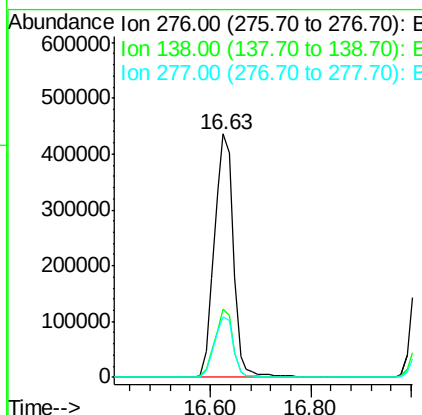
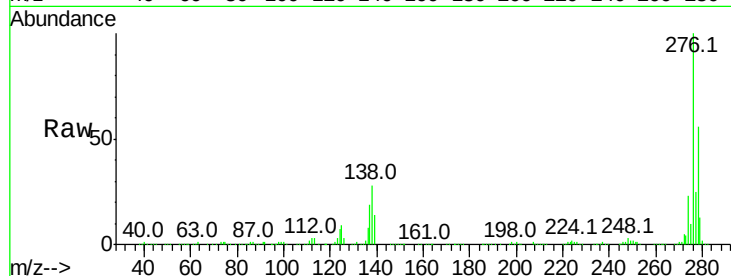




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.46 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

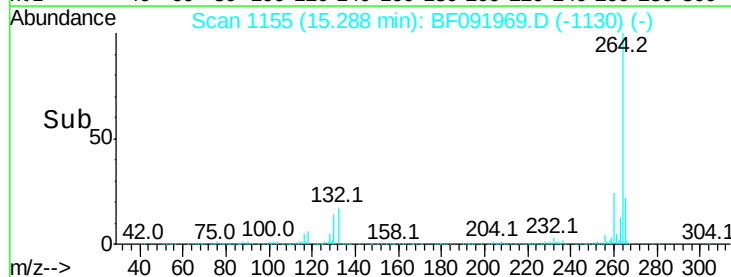
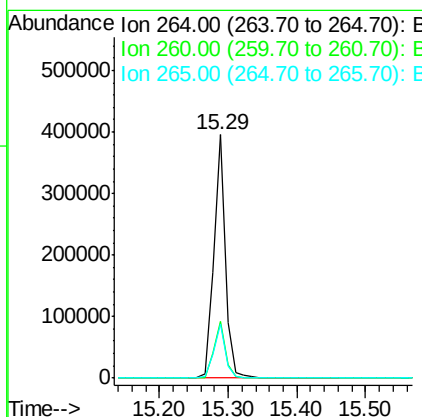
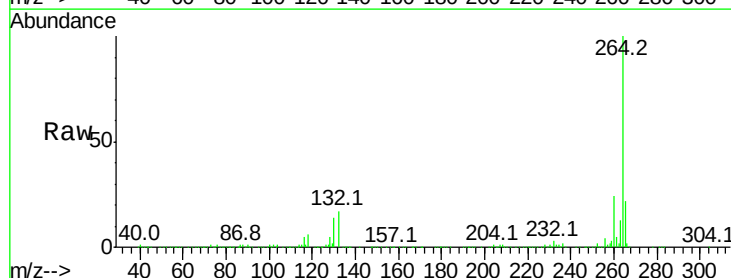
Instrument :
 BNA_F
 ClientSampleID :
 PB95629BS

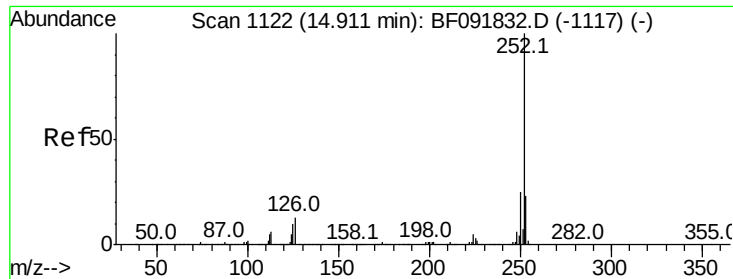
Tot Ion:276 Resp: 1151428
 Ion Ratio Lower Upper
 276 100
 138 26.9 21.8 32.6
 277 24.9 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091969.D
 Acq: 27 Dec 2016 15:54

Tgt Ion:264 Resp: 471897
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.1 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 41.92 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

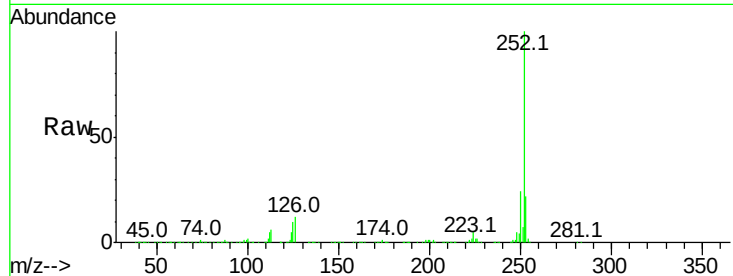
Tot Ion:252 Resp: 1231615

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

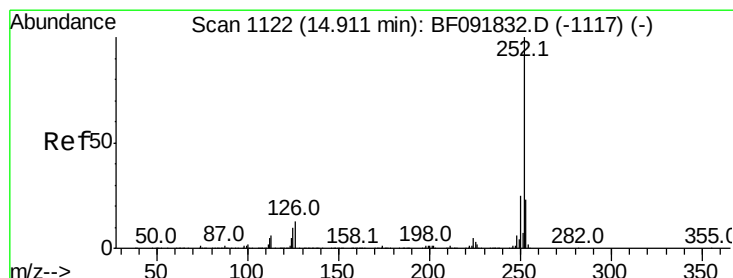
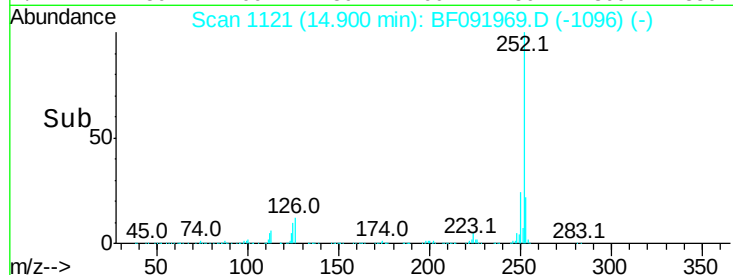
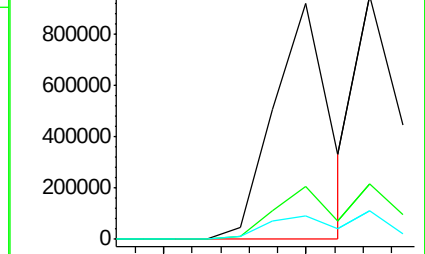
125 9.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.56 ng m

RT: 14.92 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

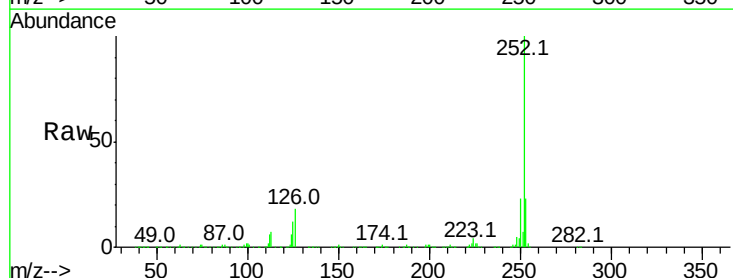
Tgt Ion:252 Resp: 991198

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

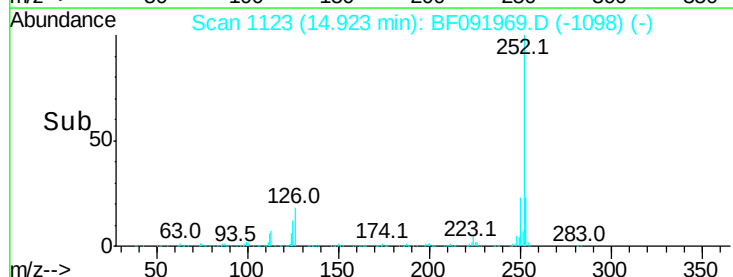
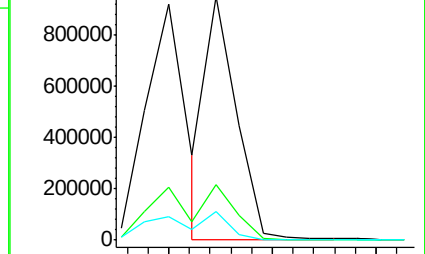
125 11.7 8.9 13.3

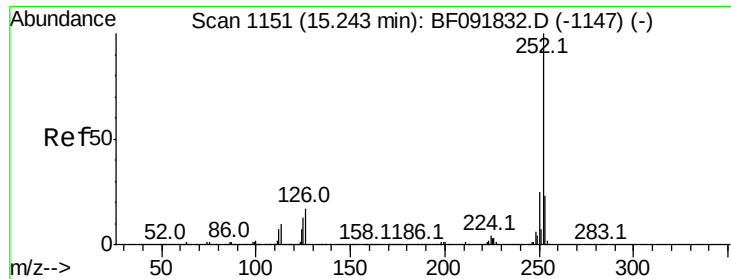


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

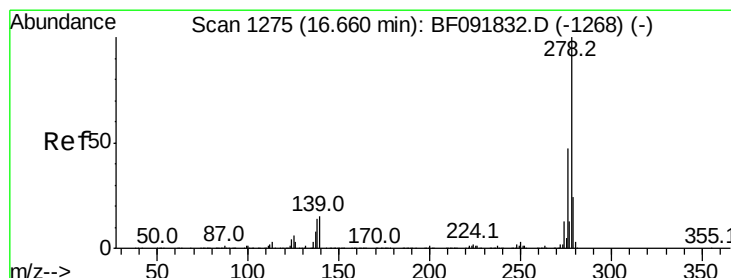
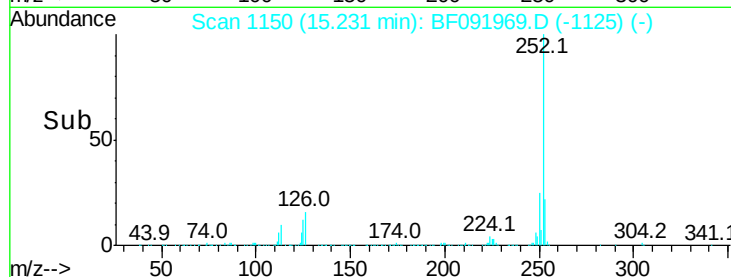
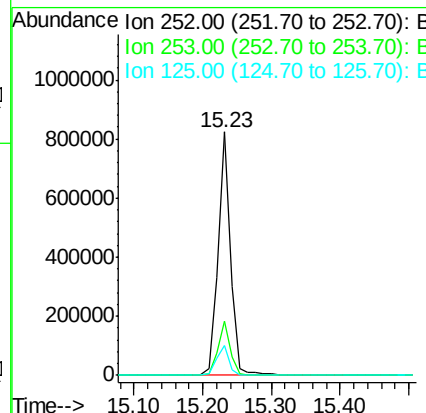
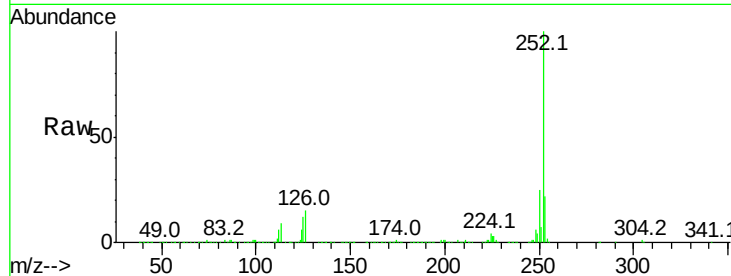




#89
Benzo(a)pyrene
Concen: 40.60 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

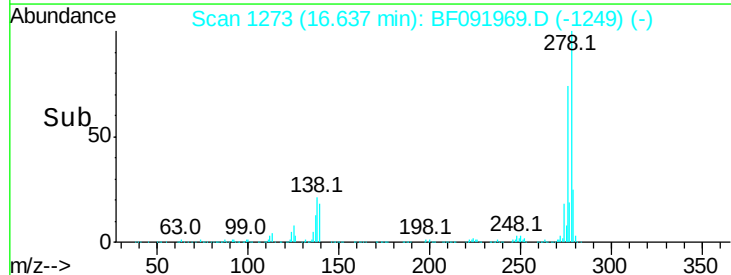
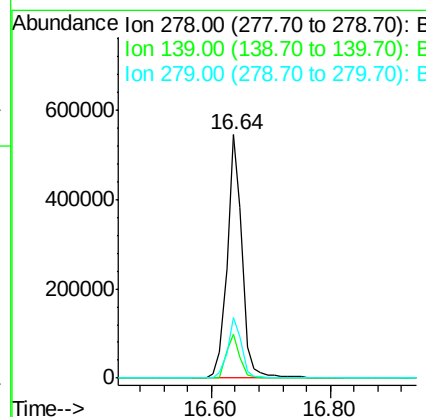
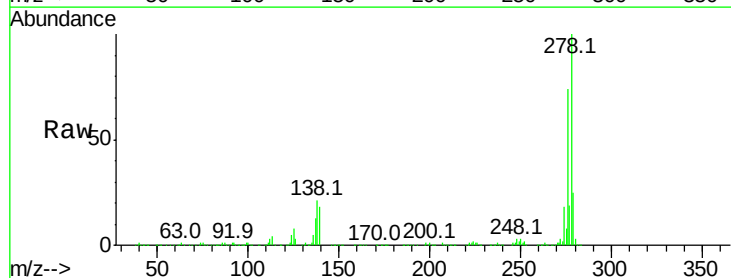
Instrument :
BNA_F
ClientSampleId :
PB95629BS

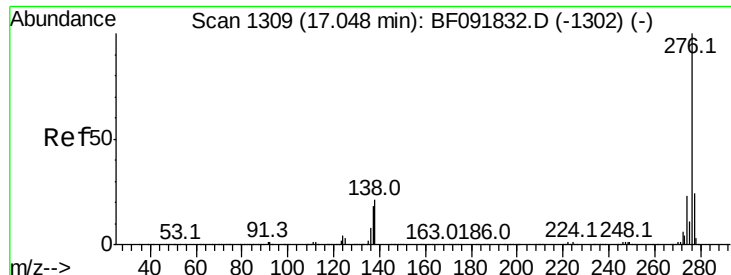
Tot Ion:252 Resp: 1058794
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 12.1 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 44.36 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF091969.D
Acq: 27 Dec 2016 15:54

Tgt Ion:278 Resp: 950868
Ion Ratio Lower Upper
278 100
139 18.0 14.8 22.2
279 24.7 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 44.15 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF091969.D

Acq: 27 Dec 2016 15:54

Instrument :

BNA_F

ClientSampleId :

PB95629BS

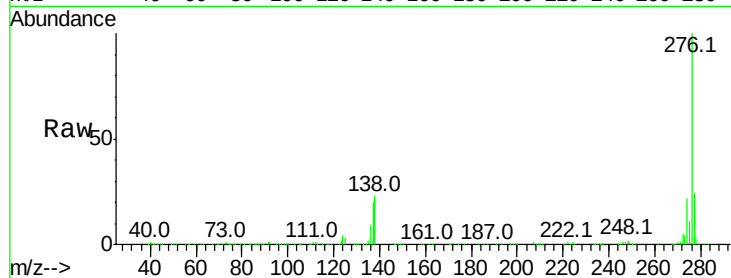
Tot Ion:276 Resp: 984031

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 23.5 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

