

Data Path : Z:\HPCHEM1\BNA F\Data\BF121516\
 Data File : BF091664.D
 Acq On : 16 Dec 2016 9:18
 Operator : UM/SJ
 Sample : H6057-04MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 16:45:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	187459	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	734805	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	329896	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	440942	20.00	ng	0.00
75) Chrysene-d12	13.94	240	355402	20.00	ng	0.00
86) Perylene-d12	15.35	264	287997	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1316440	118.31	ng	0.02
7) Phenol-d6	6.43	99	1780041	128.32	ng	0.00
23) Nitrobenzene-d5	7.36	82	1233325	93.68	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	319077	116.45	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1727450	90.48	ng	0.00
78) Terphenyl-d14	12.89	244	1276709	81.52	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	187276	31.89	ng	# 72
3) Pyridine	3.17	79	423249	27.05	ng	# 83
4) n-Nitrosodimethylamine	3.10	42	275458	40.98	ng	# 74
6) Aniline	6.45	93	94089	5.17	ng	# 1
8) 2-Chlorophenol	6.58	128	532896	42.43	ng	96
9) Benzaldehyde	6.33	77	35194	3.69	ng	93
10) Phenol	6.45	94	562207	34.66	ng	80
11) bis(2-Chloroethyl)ether	6.53	93	547335	44.92	ng	# 79
12) 1,3-Dichlorobenzene	6.73	146	552917	40.60	ng	98
13) 1,4-Dichlorobenzene	6.81	146	561007	41.76	ng	98
14) 1,2-Dichlorobenzene	6.96	146	498944	41.22	ng	99
15) Benzyl Alcohol	6.93	79	408448	37.29	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	739949	39.19	ng	82
17) 2-Methylphenol	7.06	107	442745	42.61	ng	# 76
18) Hexachloroethane	7.30	117	195377	37.27	ng	# 88
19) n-Nitroso-di-n-propylamine	7.21	70	382416	44.09	ng	# 84
20) 3+4-Methylphenols	7.21	107	552275	49.53	ng	# 78
22) Acetophenone	7.20	105	789422	44.84	ng	# 95
24) Nitrobenzene	7.37	77	570928	41.04	ng	95
25) Isophorone	7.62	82	1097620	46.90	ng	96
26) 2-Nitrophenol	7.69	139	255020	41.54	ng	91
27) 2,4-Dimethylphenol	7.73	122	456449	42.33	ng	97
28) bis(2-Chloroethoxy)methane	7.82	93	623759	45.44	ng	99
29) 2,4-Dichlorophenol	7.94	162	439616	46.86	ng	94
30) 1,2,4-Trichlorobenzene	8.02	180	463076	43.43	ng	96
31) Naphthalene	8.10	128	1509779	44.16	ng	99
32) Benzoic acid	7.86	122	277930	37.15	ng	97
33) 4-Chloroaniline	8.14	127	49071	3.33	ng	96
34) Hexachlorobutadiene	8.21	225	248917	40.72	ng	98
35) Caprolactam	8.52	113	126980	46.35	ng	# 38
36) 4-Chloro-3-methylphenol	8.64	107	447574	42.54	ng	95
37) 2-Methylnaphthalene	8.89	142	931189	42.08	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	437560	48.36	ng	99
40) Hexachlorocyclopentadiene	8.94	237	192304	47.67	ng	98

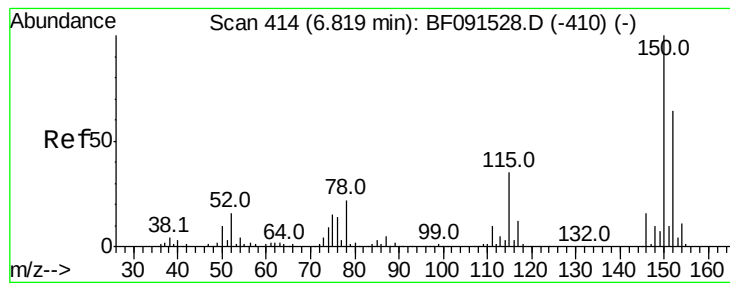
Data Path : Z:\HPCHEM1\BNA F\Data\BF121516\
 Data File : BF091664.D
 Acq On : 16 Dec 2016 9:18
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Quant Time: Dec 16 16:45:19 2016
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 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	282759	48.64	nq	97
43) 2,4,5-Trichlorophenol	9.12	196	270823	45.33	nq	# 87
45) 1,1'-Biphenyl	9.25	154	1221121	51.10	nq	97
46) 2-Chloronaphthalene	9.28	162	892031	48.21	nq	99
47) 2-Nitroaniline	9.37	65	250537	40.26	nq	# 82
48) Acenaphthylene	9.69	152	1229379	43.59	nq	99
49) Dimethylphthalate	9.56	163	1051260	50.33	nq	100
50) 2,6-Dinitrotoluene	9.62	165	225411	49.17	nq	# 70
51) Acenaphthene	9.86	154	812117	41.45	nq	97
52) 3-Nitroaniline	9.78	138	50155	9.31	nq	98
53) 2,4-Dinitrophenol	9.88	184	58917	30.89	nq	# 70
54) Dibenzofuran	10.03	168	1055408	43.54	nq	97
55) 4-Nitrophenol	9.95	139	255512	63.77	nq	94
56) 2,4-Dinitrotoluene	10.02	165	298691	51.97	nq	# 84
57) Fluorene	10.37	166	809399	46.95	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	213090	45.56	nq	96
59) Diethylphthalate	10.26	149	1032657	51.34	nq	95
60) 4-Chlorophenyl-phenylether	10.37	204	393165	45.11	nq	97
61) 4-Nitroaniline	10.40	138	187034	34.95	nq	95
62) Azobenzene	10.52	77	996798	43.73	nq	87
64) 4,6-Dinitro-2-methylphenol	10.42	198	47494	19.59	nq	# 75
65) n-Nitrosodiphenylamine	10.49	169	736958	56.06	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	229058	50.67	nq	93
67) Hexachlorobenzene	10.92	284	248185	52.80	nq	# 89
68) Atrazine	11.01	200	182594	43.20	nq	99
69) Pentachlorophenol	11.12	266	241151	91.16	nq	95
70) Phenanthrene	11.33	178	1173842	53.76	nq	99
71) Anthracene	11.38	178	1066871	45.30	nq	99
72) Carbazole	11.54	167	987513	47.84	nq	99
73) Di-n-butylphthalate	11.88	149	1334403	55.48	nq	98
74) Fluoranthene	12.51	202	1013313	44.32	nq	95
76) Benzidine	12.64	184	146931	13.37	nq	98
77) Pyrene	12.74	202	1016237	36.04	nq	99
79) Butylbenzylphthalate	13.37	149	499637	45.46	nq	94
80) Benzo(a)anthracene	13.93	228	929377	45.03	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	164057	22.14	nq	98
82) Chrysene	13.96	228	789067	36.54	nq	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	646457	45.84	nq	100
84) Di-n-octyl phthalate	14.55	149	1214306	50.73	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.71	276	698021	35.92	nq	98
87) Benzo(b)fluoranthene	14.98	252	1657871	96.57	nq	# 95
88) Benzo(k)fluoranthene	14.98	252	1657871	109.83	nq	# 95
89) Benzo(a)pyrene	15.29	252	750171	48.50	nq	# 96
90) Dibenzo(a,h)anthracene	16.72	278	579172	41.80	nq	98
91) Benzo(g,h,i)perylene	17.12	276	569796	40.41	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampled :

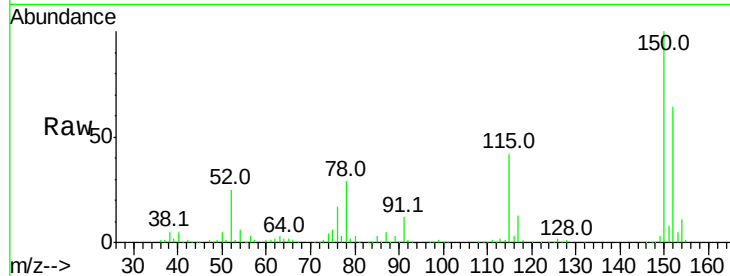
Tot Ion:152 Resp: 187459

Ion Ratio Lower Upper

152 100

150 156.4 122.5 183.7

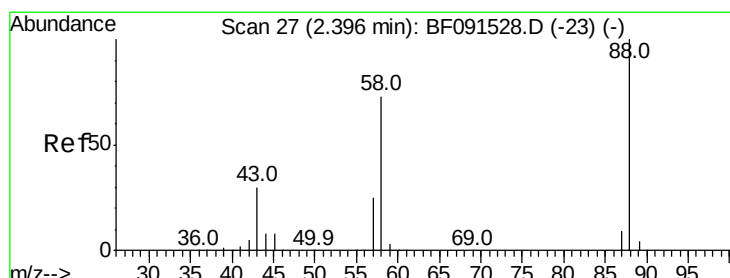
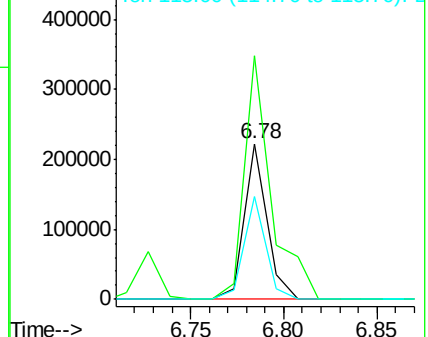
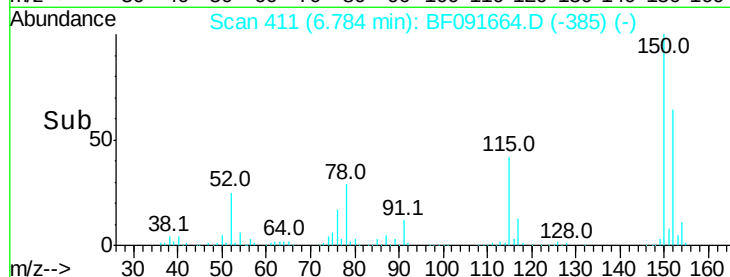
115 65.6 51.8 77.8



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: 31.89 ng

RT: 2.51 min Scan# 37

Delta R.T. 0.18 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

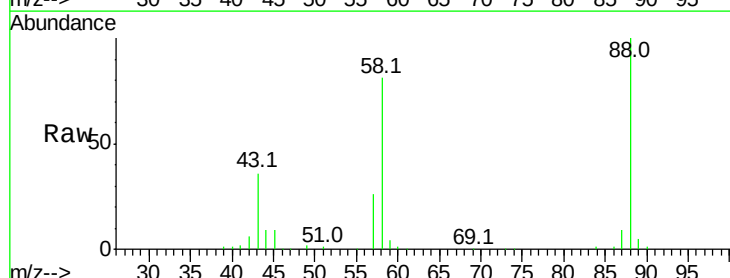
Tgt Ion: 88 Resp: 187276

Ion Ratio Lower Upper

88 100

58 76.5 70.3 105.5

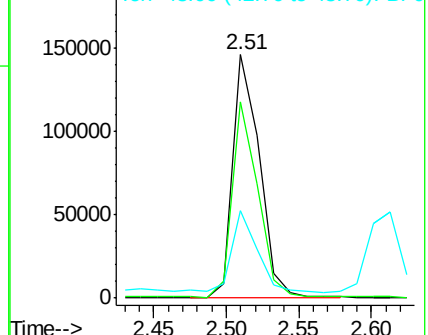
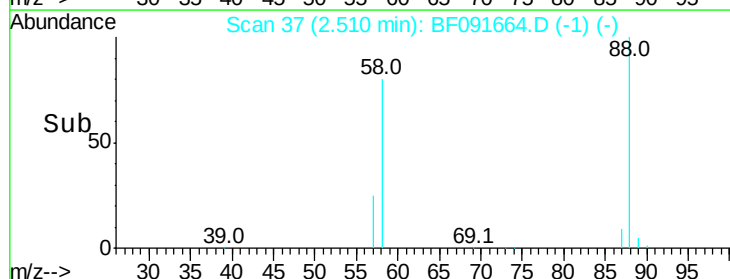
43 0.0 31.3 46.9#

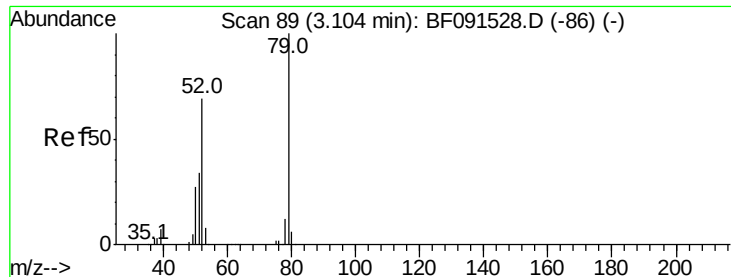


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.05 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.15 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampled :

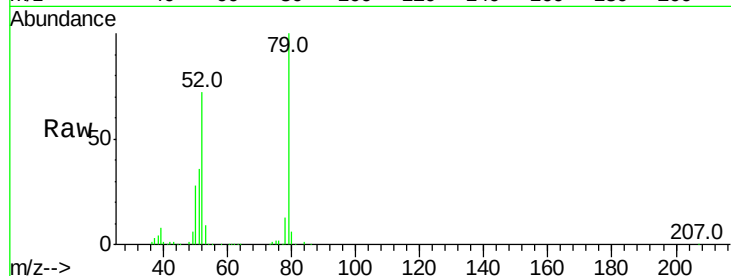
Tot Ion: 79 Resp: 423249

Ion Ratio Lower Upper

79 100

52 72.5 71.0 106.4

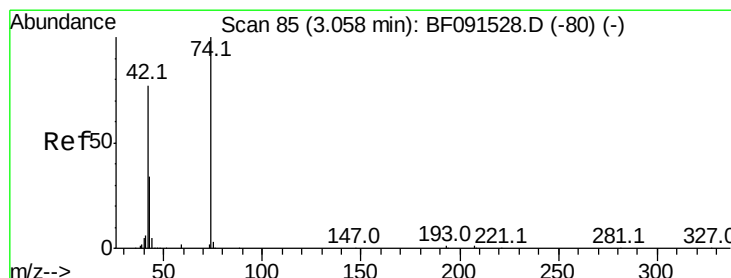
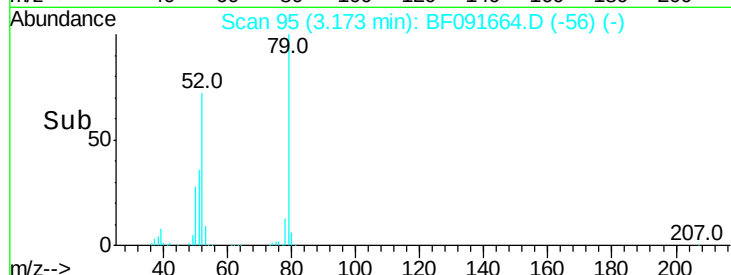
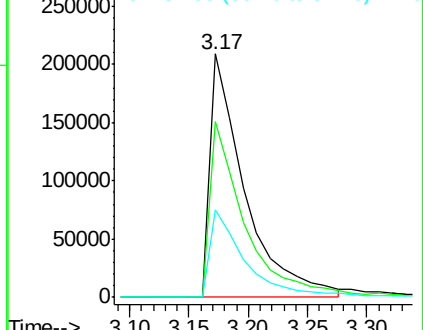
51 35.9 37.0 55.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.98 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.13 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

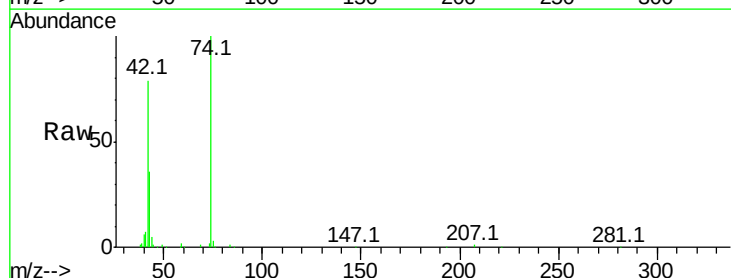
Tgt Ion: 42 Resp: 275458

Ion Ratio Lower Upper

42 100

74 126.7 78.9 118.3#

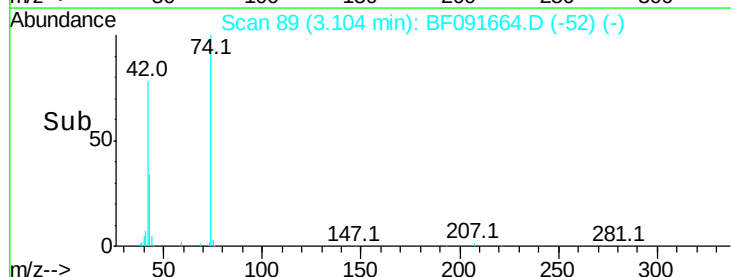
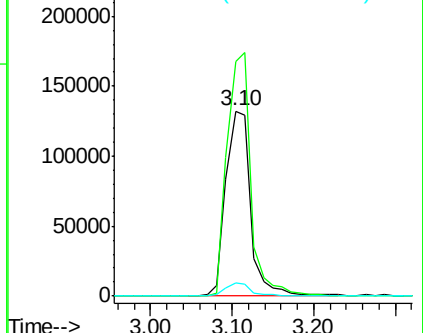
44 6.9 5.8 8.6

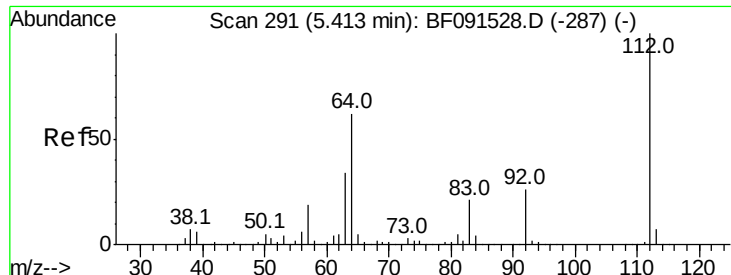


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.31 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampled :

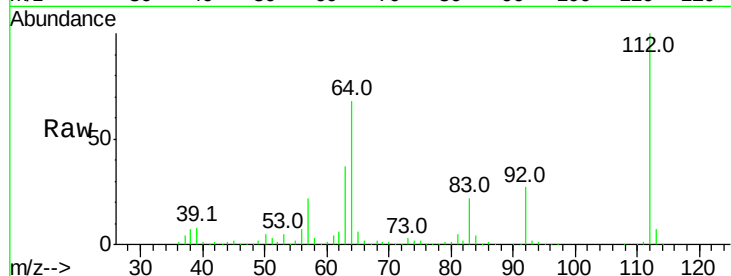
Tot Ion:112 Resp: 1316440

Ion Ratio Lower Upper

112 100

64 68.4 61.5 92.3

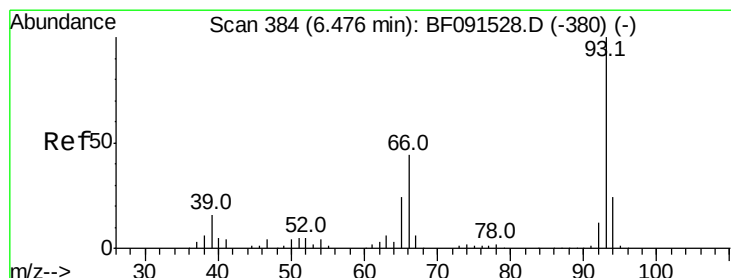
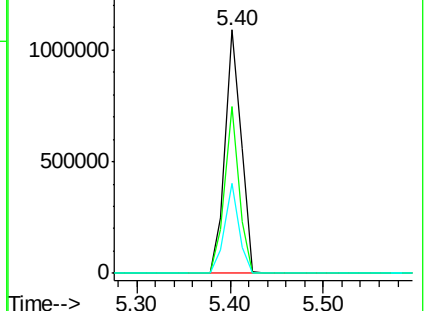
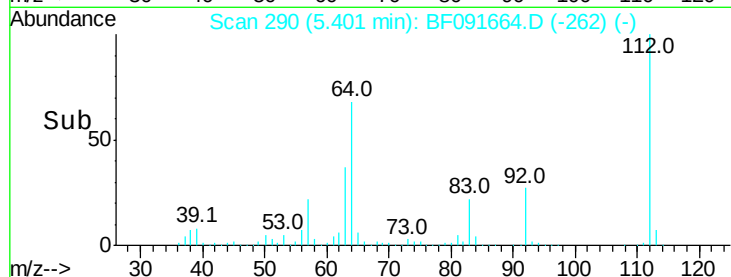
63 36.9 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 5.17 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

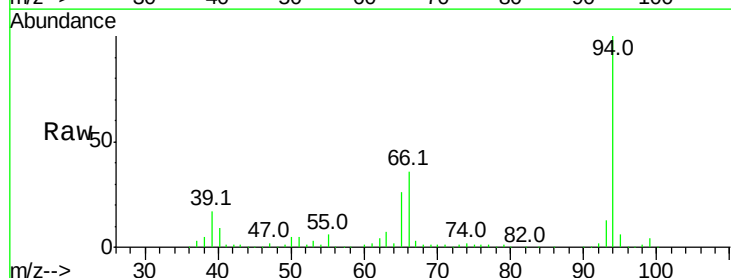
Tgt Ion: 93 Resp: 94089

Ion Ratio Lower Upper

93 100

66 273.0 55.8 83.6#

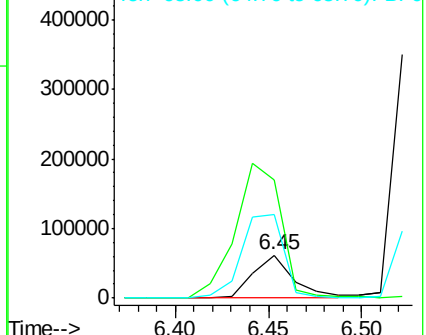
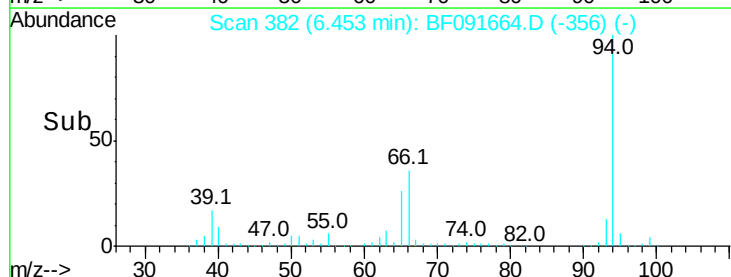
65 193.1 29.9 44.9#

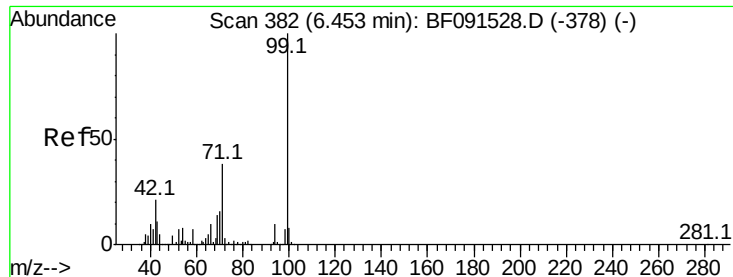


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.32 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampled :

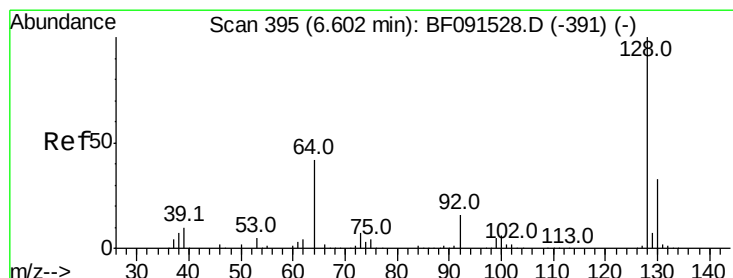
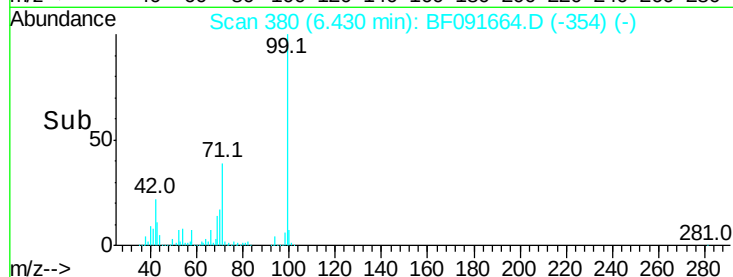
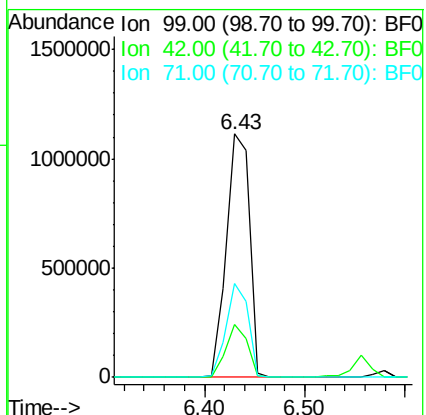
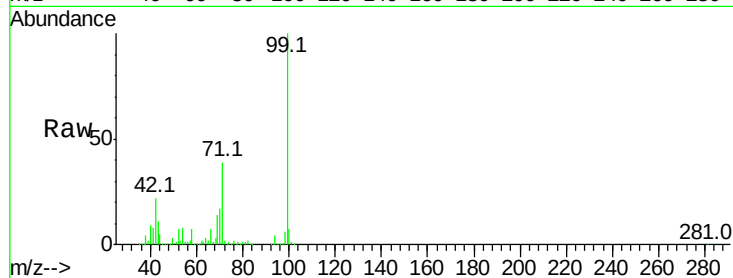
Tot Ion: 99 Resp: 1780041

Ion Ratio Lower Upper

99 100

42 21.7 20.6 31.0

71 38.6 29.9 44.9



#8

2-Chlorophenol

Concen: 42.43 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

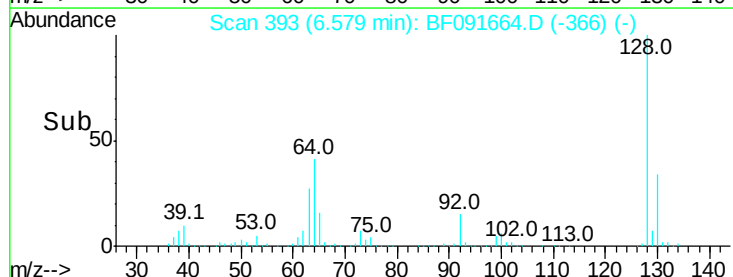
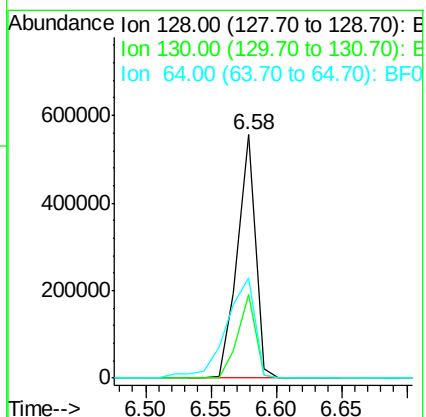
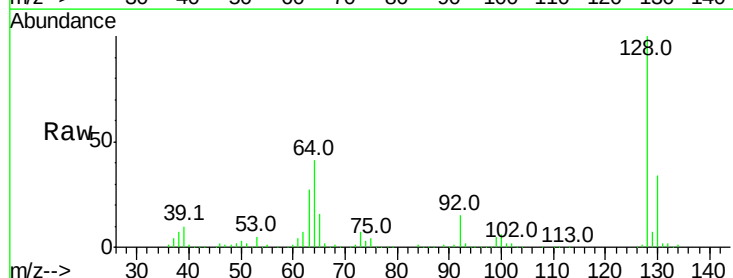
Tgt Ion:128 Resp: 532896

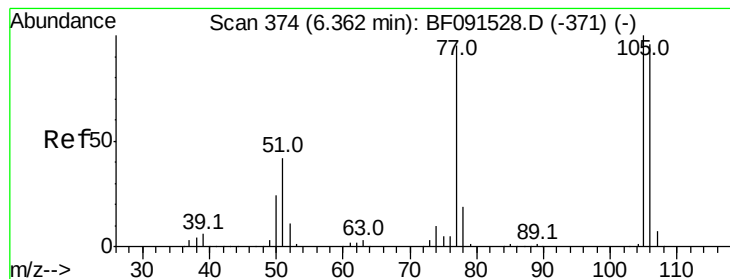
Ion Ratio Lower Upper

128 100

130 34.3 13.1 53.1

64 41.1 24.1 64.1





#9

Benzaldehyde

Concen: 3.69 ng

RT: 6.33 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

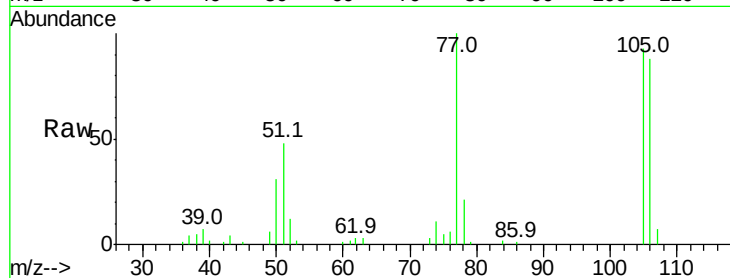
Tot Ion: 77 Resp: 35194

Ion Ratio Lower Upper

77 100

105 93.1 66.4 106.4

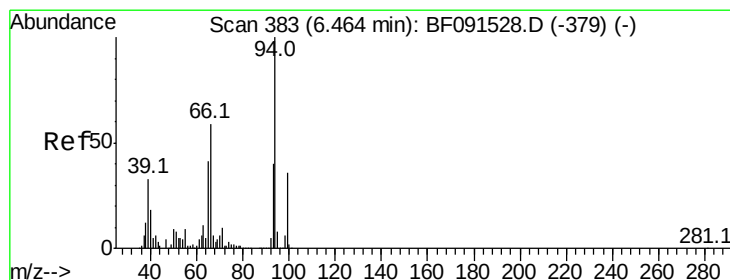
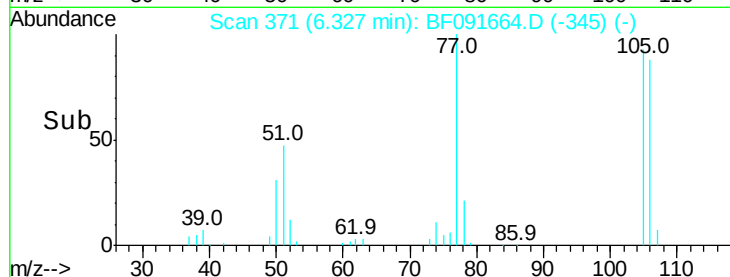
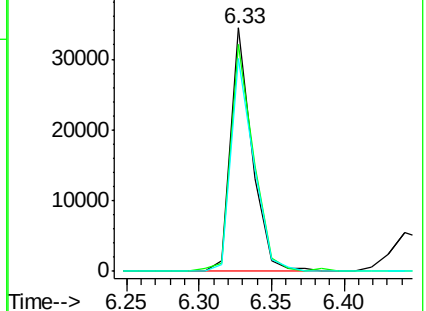
106 87.7 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 34.66 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

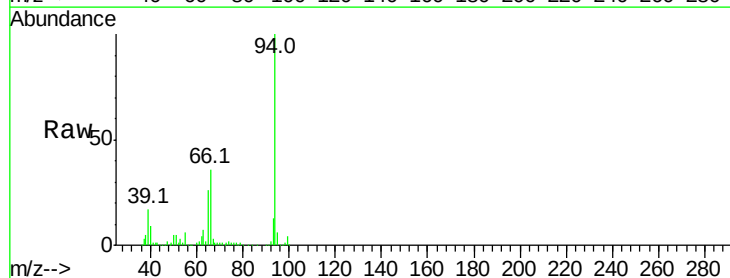
Tgt Ion: 94 Resp: 562207

Ion Ratio Lower Upper

94 100

65 25.8 16.9 56.9

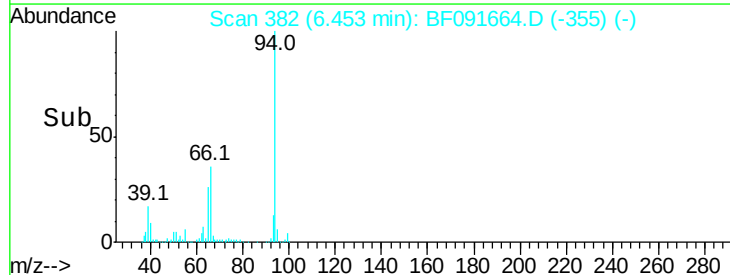
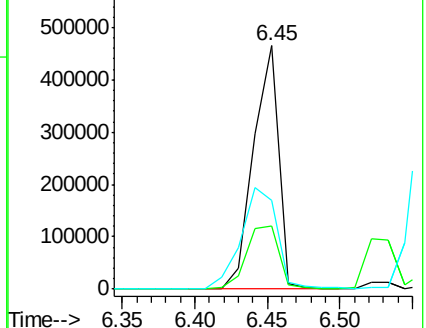
66 36.4 30.6 70.6

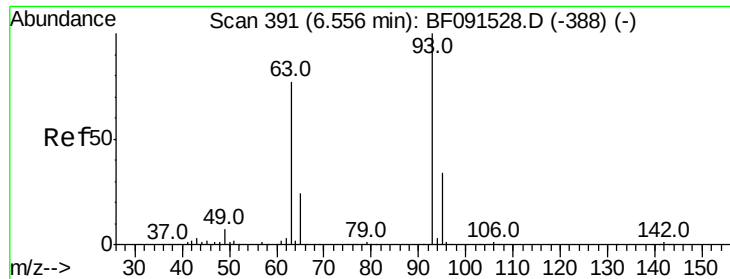


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.92 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

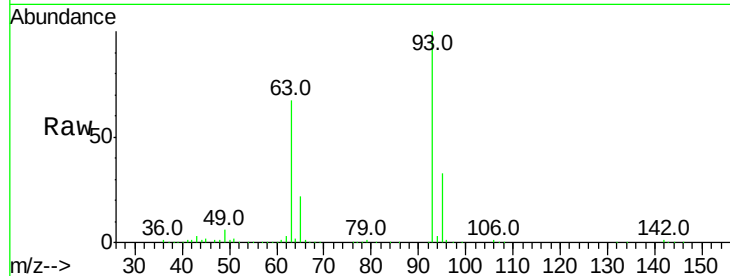
Tot Ion: 93 Resp: 547335

Ion Ratio Lower Upper

93 100

63 67.3 74.8 114.8#

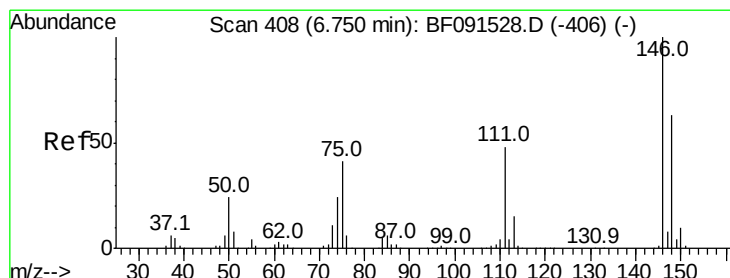
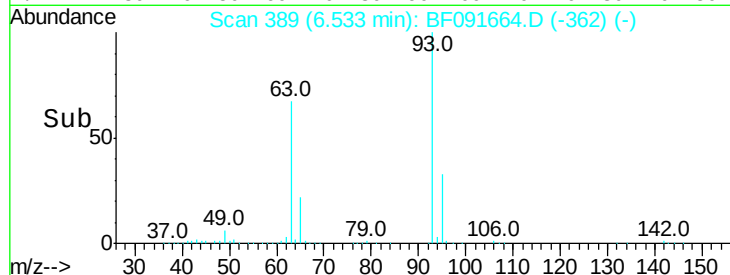
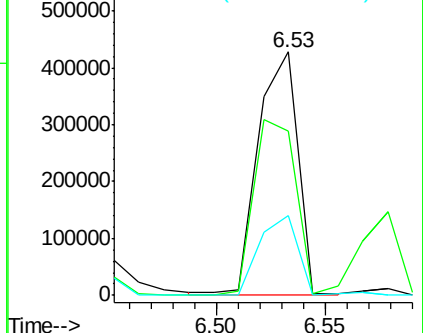
95 32.7 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.60 ng

RT: 6.73 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

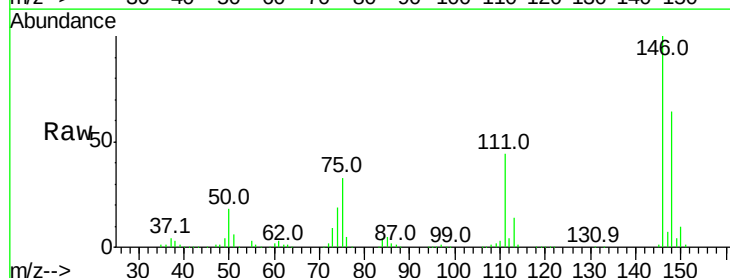
Tgt Ion: 146 Resp: 552917

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

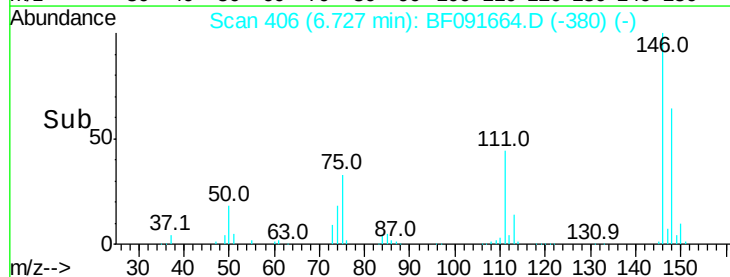
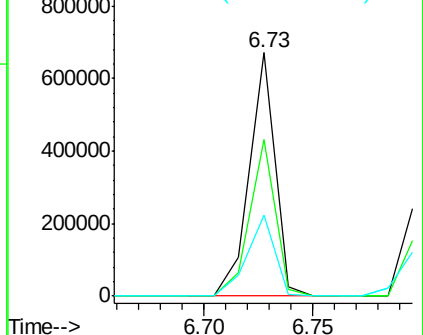
75 33.0 23.6 35.4

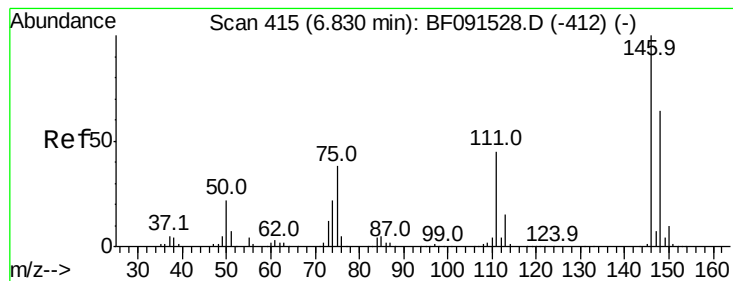


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.76 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

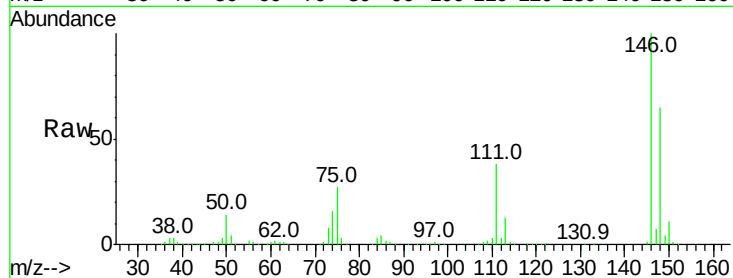
Tot Ion:146 Resp: 561007

Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.0

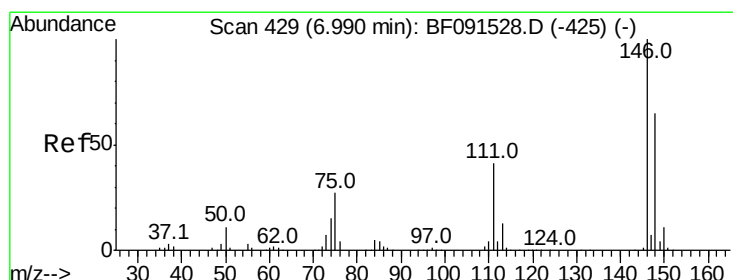
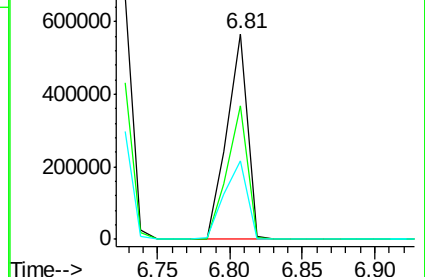
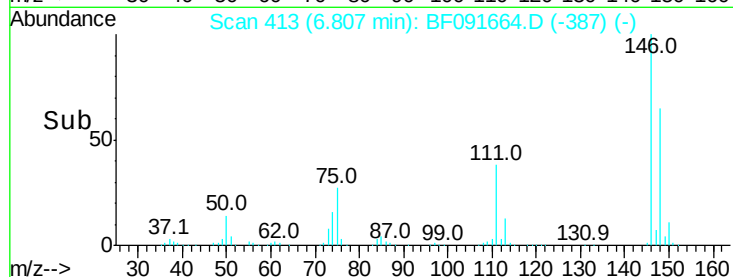
111 38.3 32.2 48.2



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



#14

1,2-Dichlorobenzene

Concen: 41.22 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

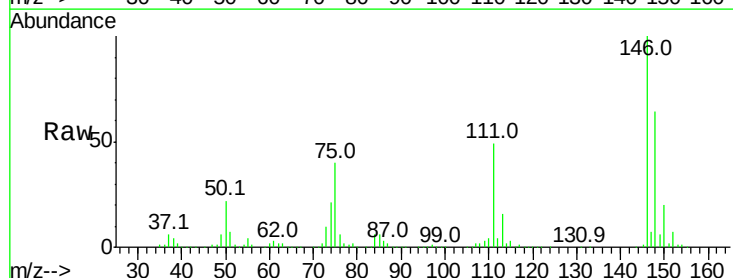
Tgt Ion:146 Resp: 498944

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

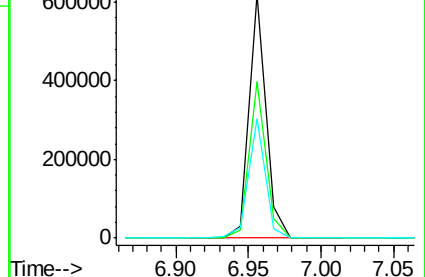
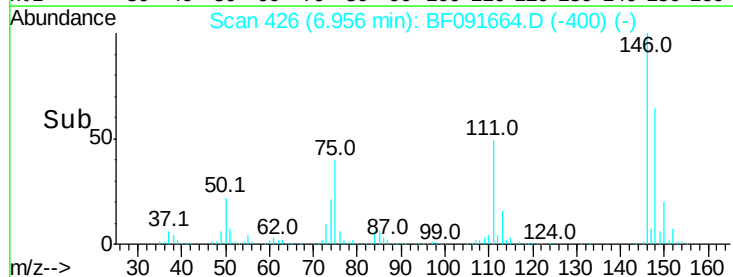
111 49.0 38.9 58.3

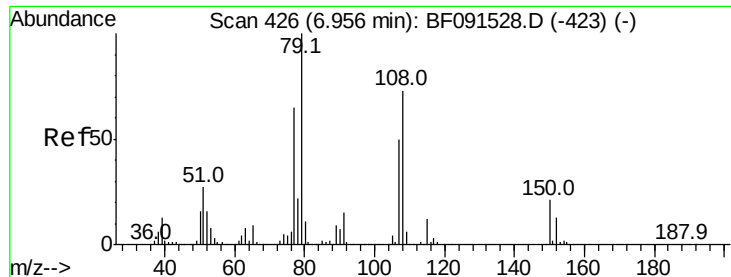


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.29 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

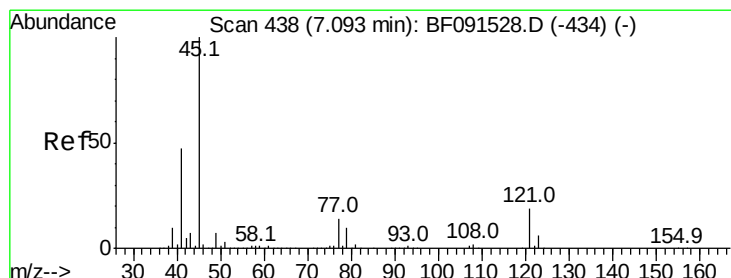
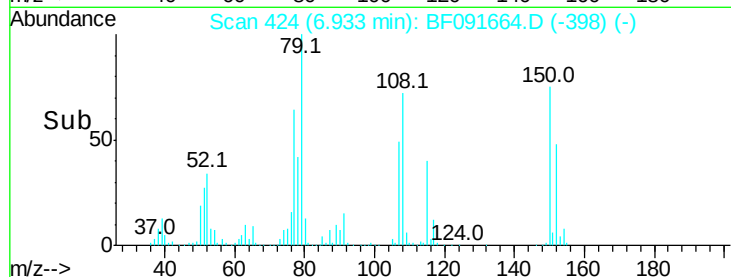
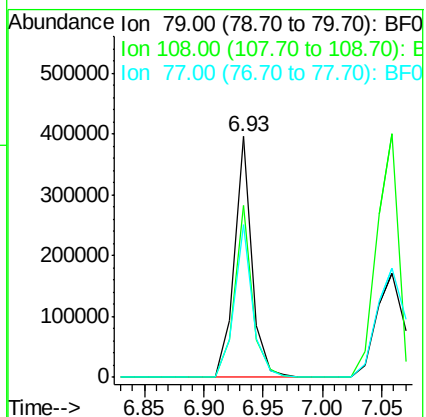
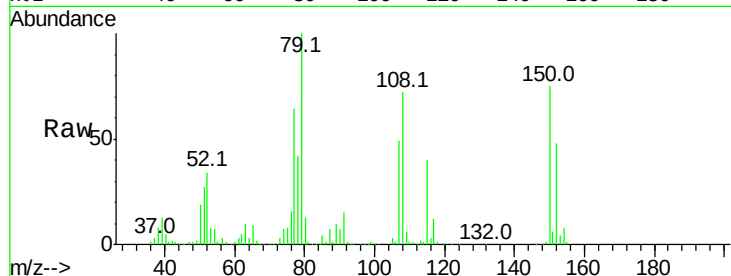
Tot Ion: 79 Resp: 408448

Ion Ratio Lower Upper

79 100

108 71.5 62.7 94.1

77 63.6 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.19 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

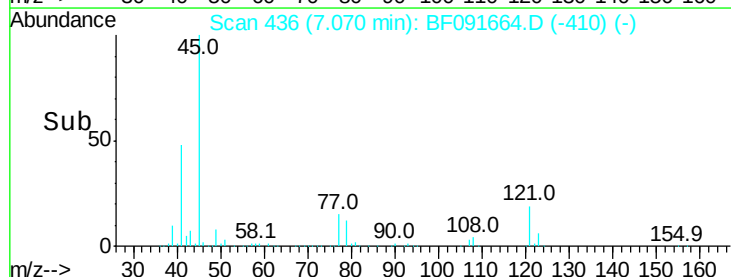
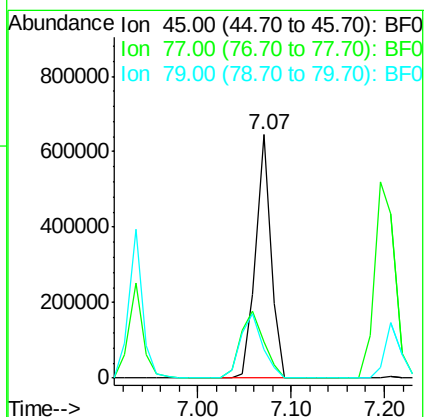
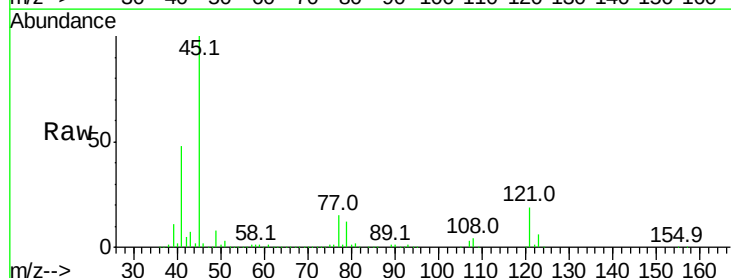
Tgt Ion: 45 Resp: 739949

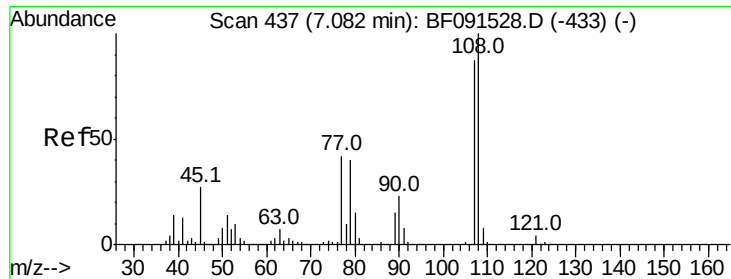
Ion Ratio Lower Upper

45 100

77 14.8 3.8 43.8

79 11.7 0.2 40.2





#17

2-Methylphenol

Concen: 42.61 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.01 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 442745

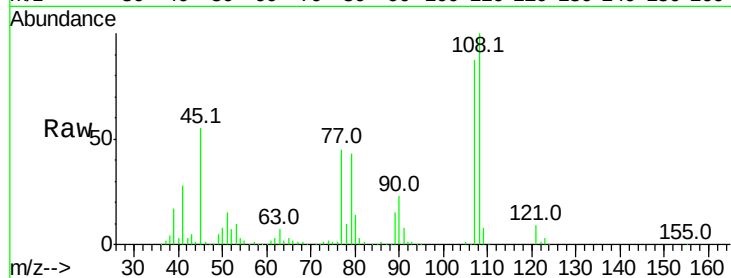
Ion Ratio Lower Upper

107 100

108 115.3 67.7 101.5#

77 51.5 40.7 61.1

79 49.5 23.4 35.2#

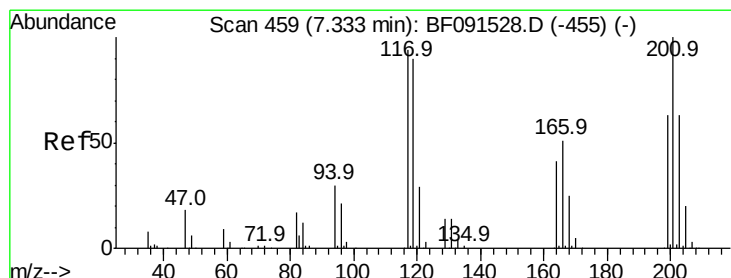
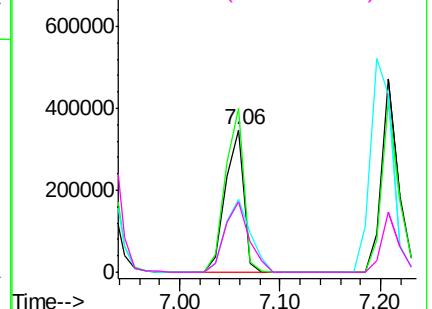
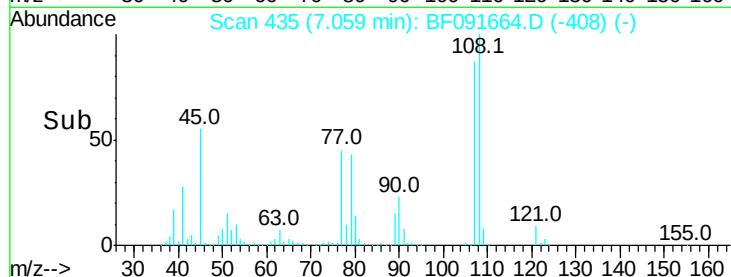


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.27 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

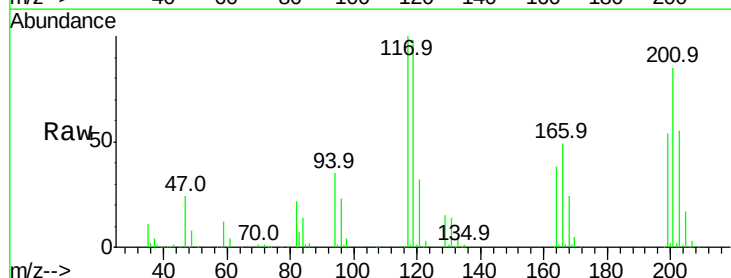
Tgt Ion:117 Resp: 195377

Ion Ratio Lower Upper

117 100

119 97.9 78.6 118.0

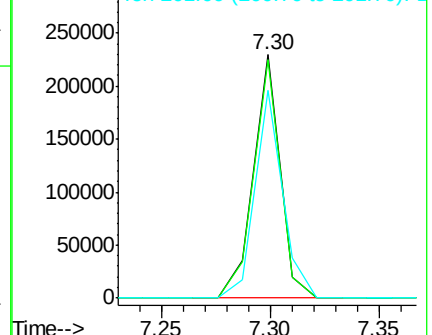
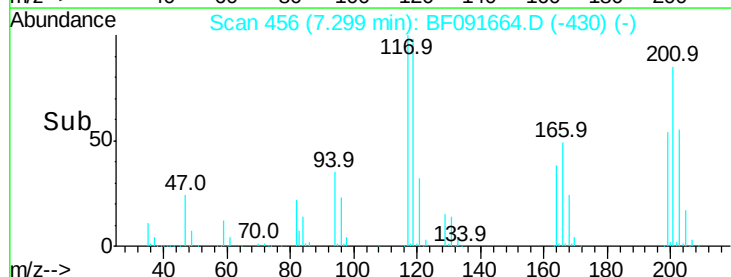
201 85.4 86.7 130.1#

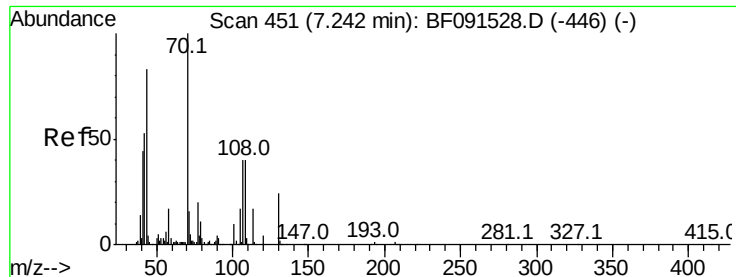


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

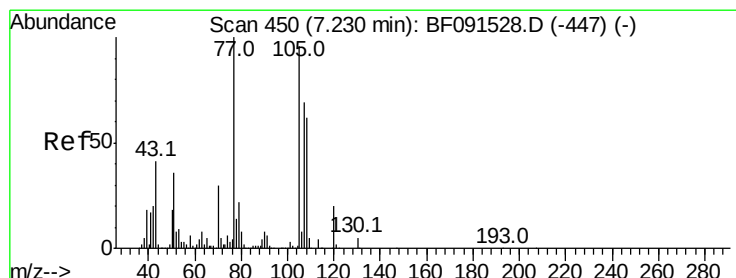
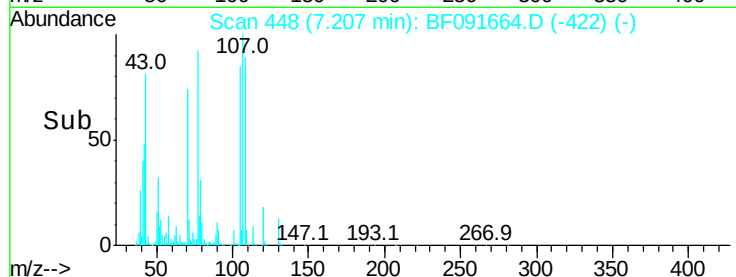
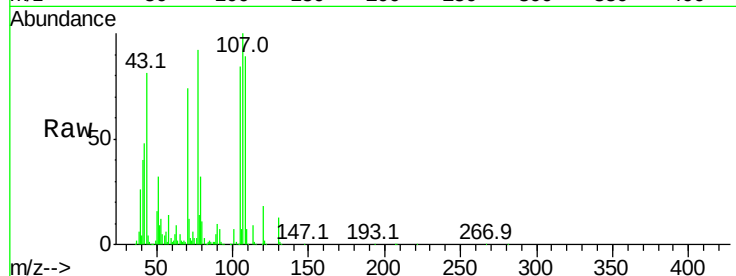
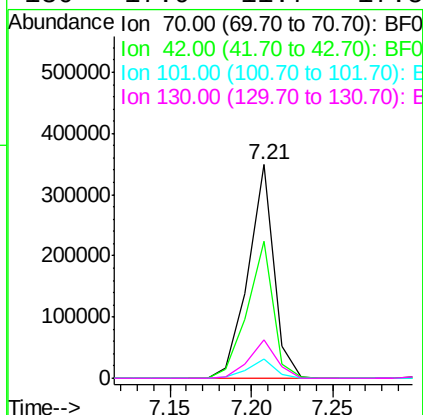




#19
n-Nitroso-di-n-propylamine
Concen: 44.09 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

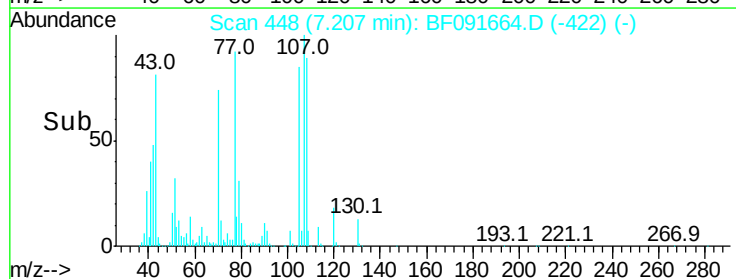
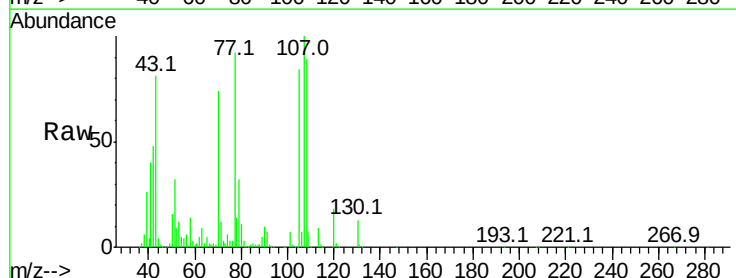
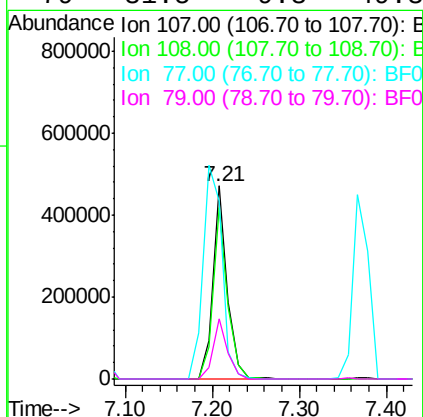
Instrument :
BNA_F
ClientSampleId :

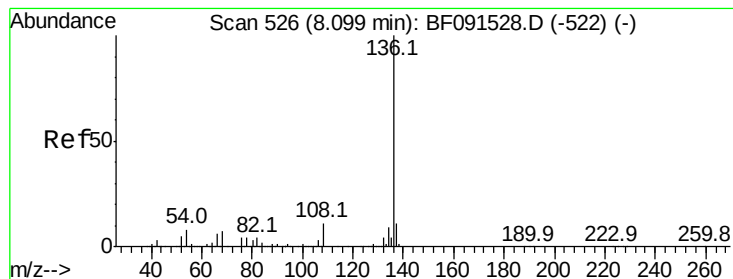
Tot Ion	Ratio	Lower	Upper
70	100		
42	64.4	64.8	97.2#
101	8.9	6.2	9.4
130	17.9	11.7	17.5#



#20
3+4-Methylphenols
Concen: 49.53 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	64.6	104.6
77	92.4	30.9	70.9#
79	31.5	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091664.D

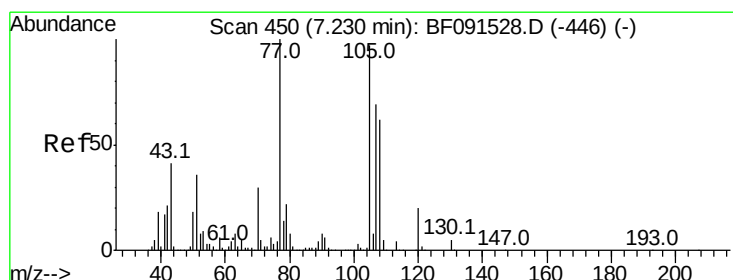
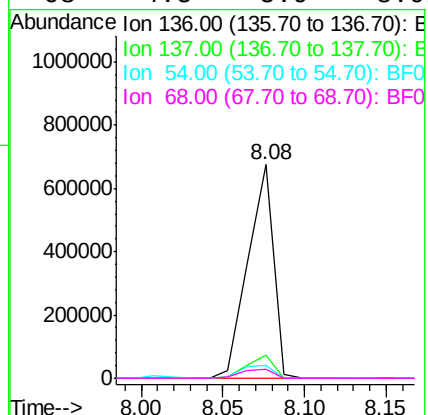
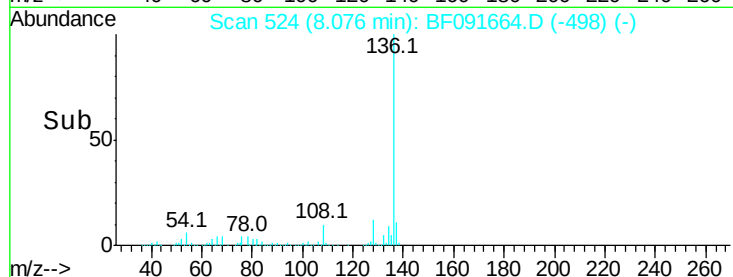
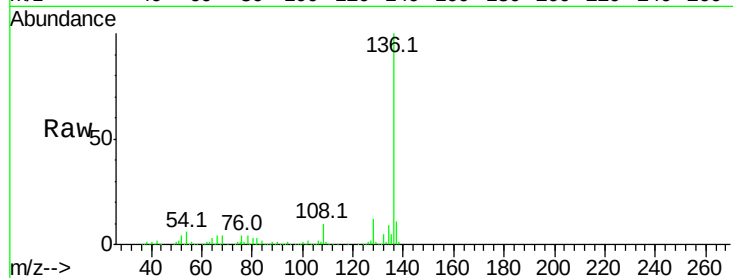
Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	734805
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	6.3	9.1 13.7#
68	4.5	5.9 8.9#



#22

Acetophenone

Concen: 44.84 ng

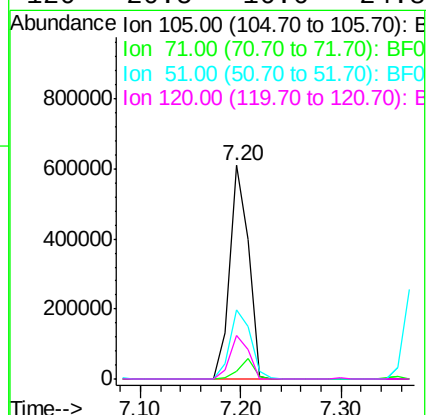
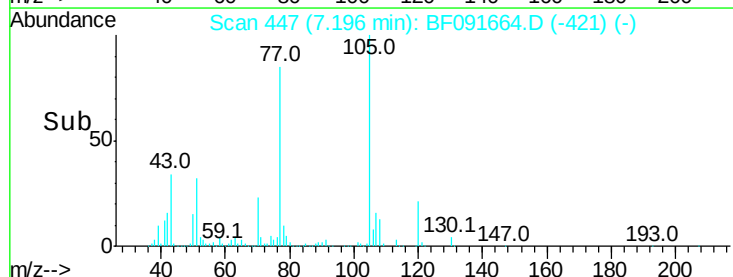
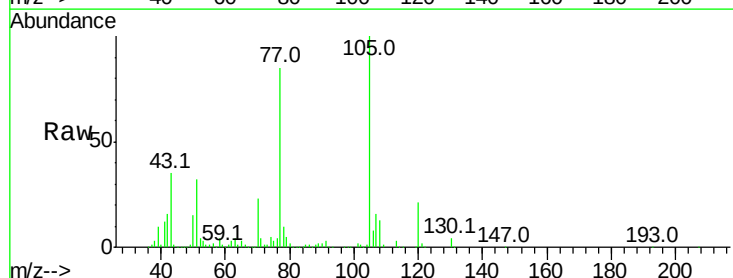
RT: 7.20 min Scan# 447

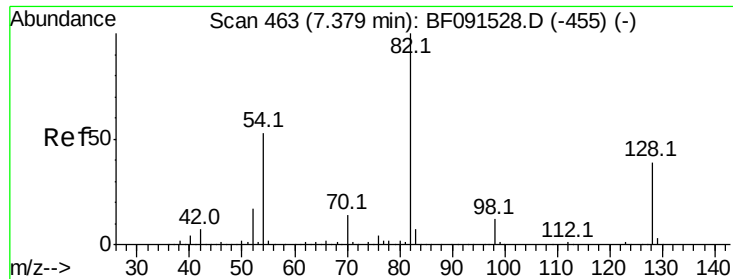
Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Tgt Ion:105	Resp:	789422
Ion Ratio	Lower	Upper
105	100	
71	3.7	7.9 11.9#
51	32.5	24.5 36.7
120	20.5	16.6 24.8

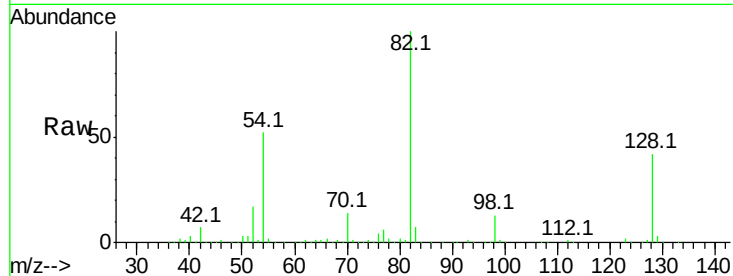




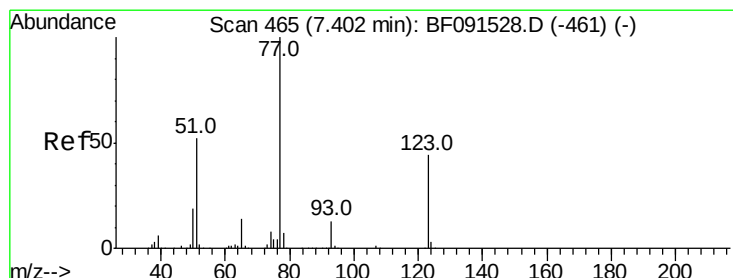
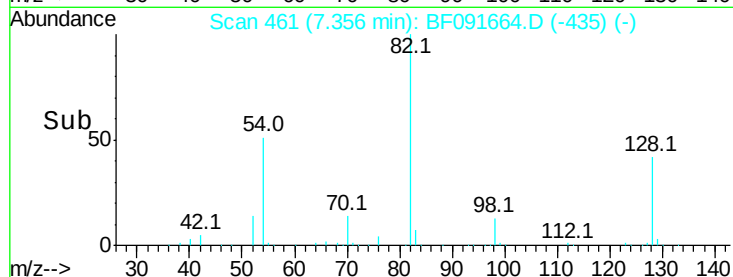
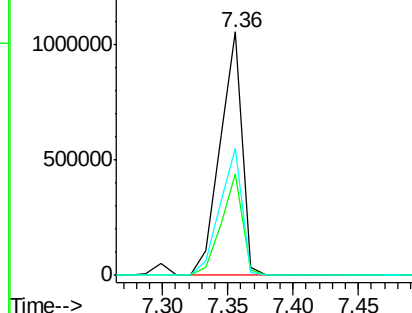
#23
Nitrobenzene-d5
Concen: 93.68 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1233325
Ion Ratio Lower Upper
82 100
128 41.8 31.8 47.6
54 52.2 49.1 73.7

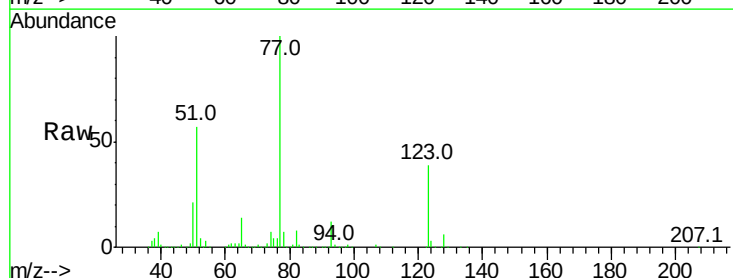


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

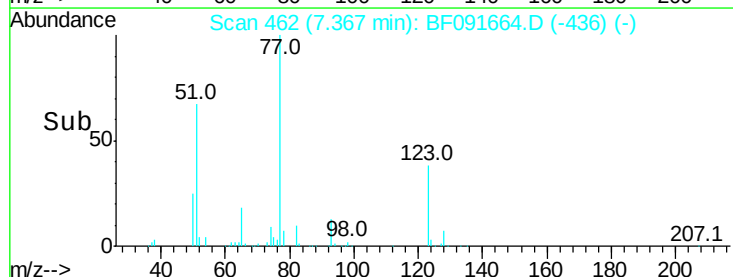
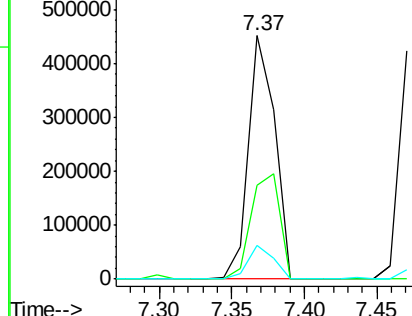


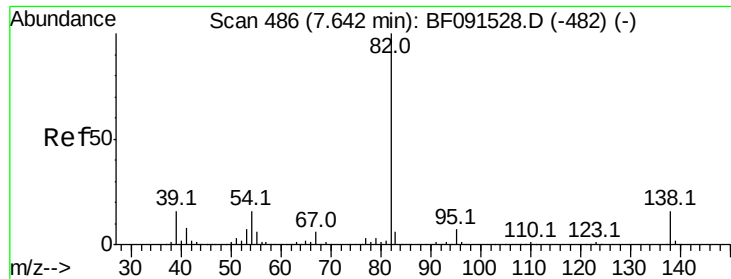
#24
Nitrobenzene
Concen: 41.04 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion: 77 Resp: 570928
Ion Ratio Lower Upper
77 100
123 38.7 28.5 42.7
65 14.1 12.5 18.7



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





#25

Isophorone

Concen: 46.90 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

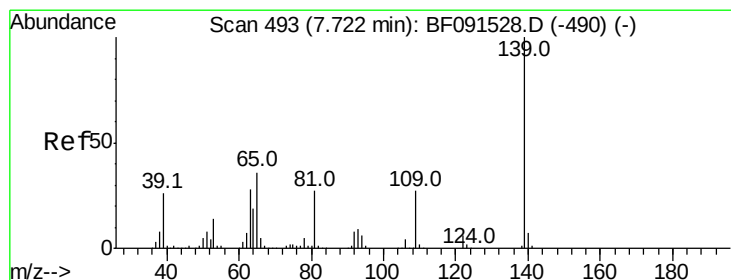
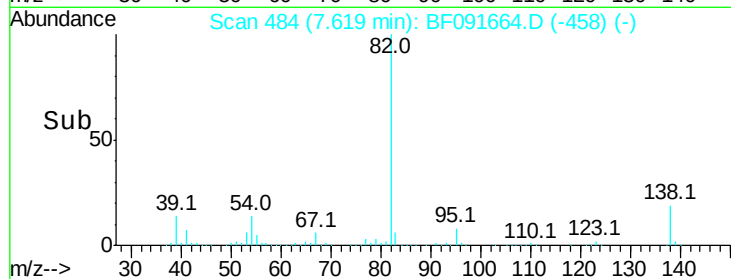
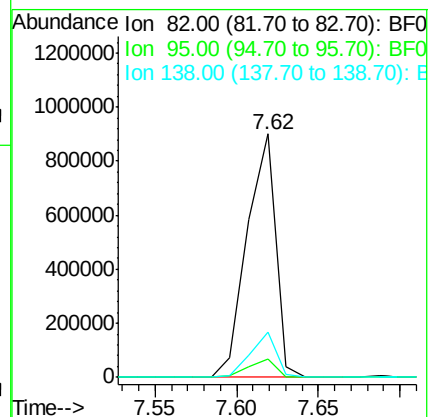
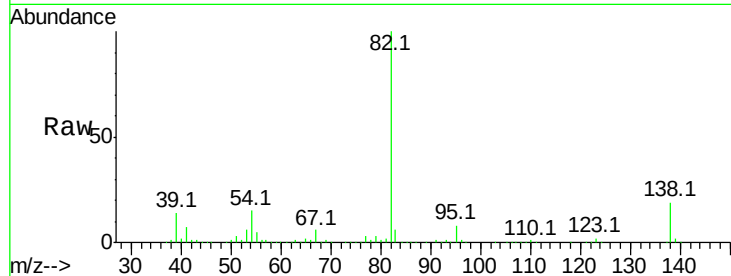
Tot Ion: 82 Resp: 1097620

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

138 18.8 13.4 20.0



#26

2-Nitrophenol

Concen: 41.54 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

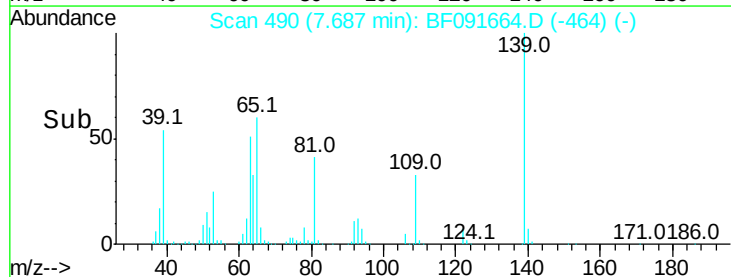
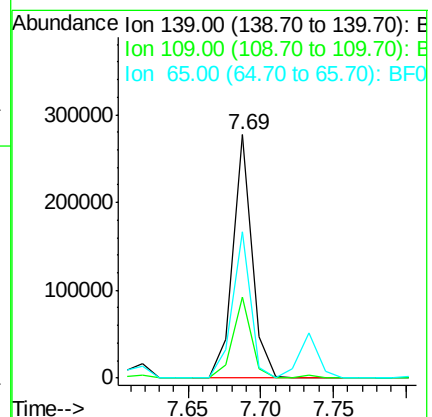
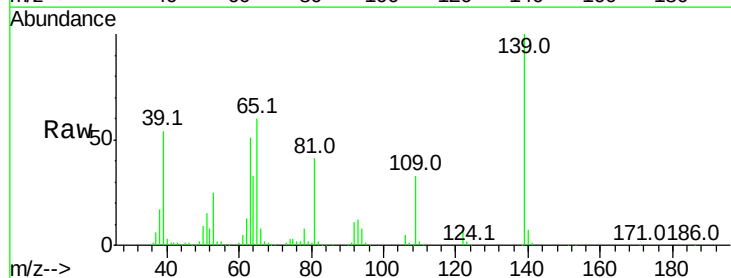
Tgt Ion: 139 Resp: 255020

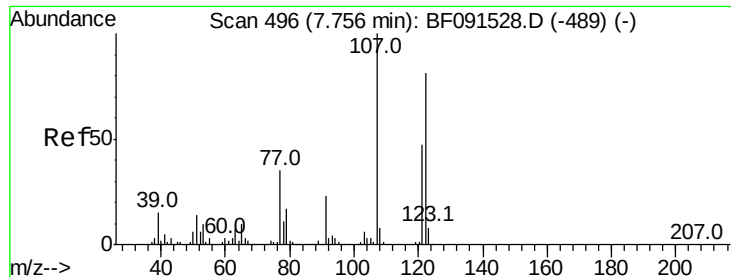
Ion Ratio Lower Upper

139 100

109 33.5 25.3 37.9

65 60.2 55.4 83.2

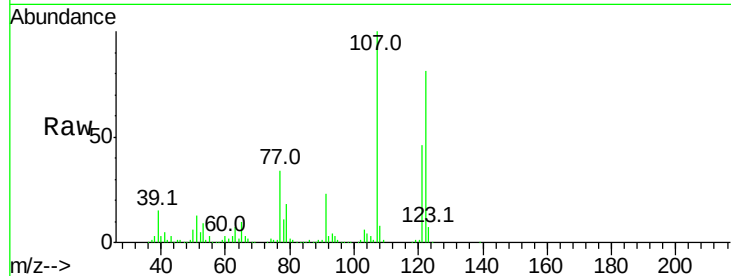




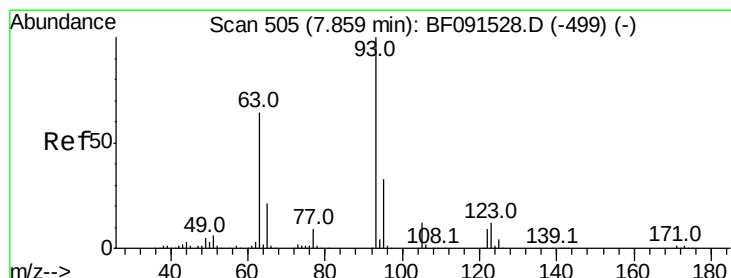
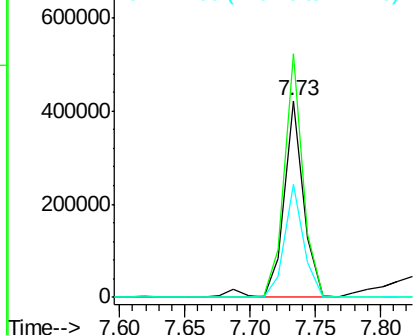
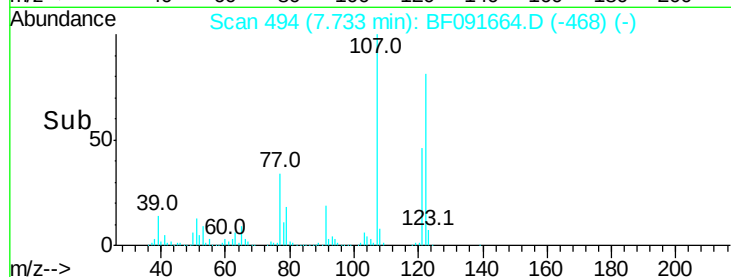
#27
 2,4-Dimethylphenol
 Concen: 42.33 ng
 RT: 7.73 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 456449
 Ion Ratio Lower Upper
 122 100
 107 123.7 96.8 145.2
 121 57.4 47.7 71.5

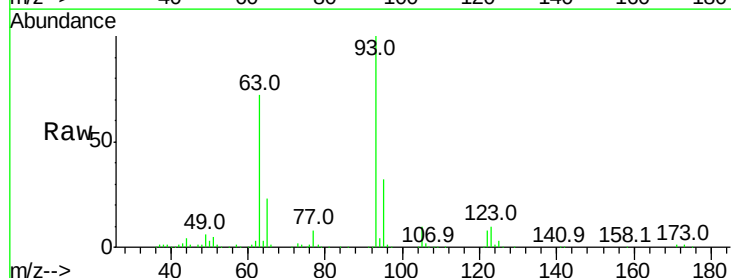


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

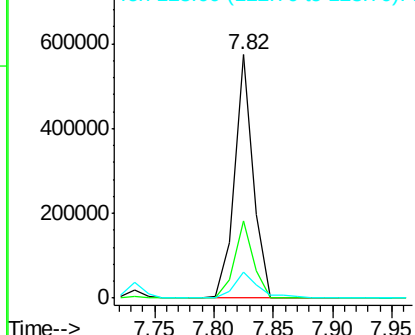
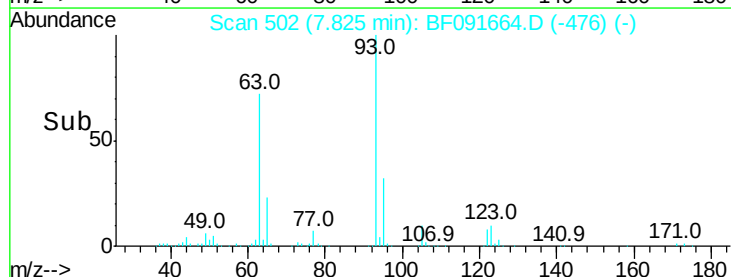


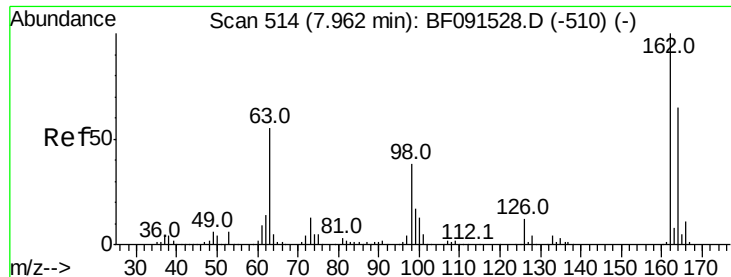
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.44 ng
 RT: 7.82 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion: 93 Resp: 623759
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.0 39.0
 123 10.5 8.6 12.8



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

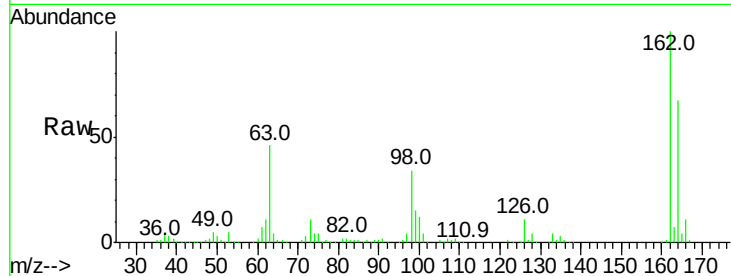




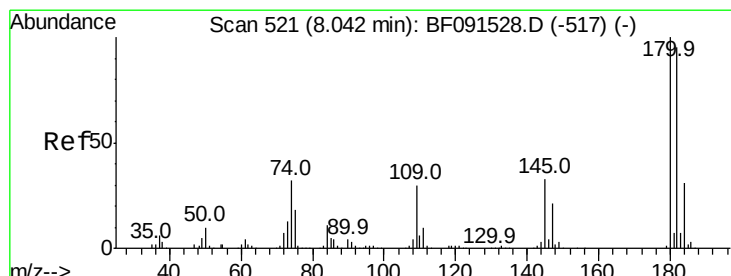
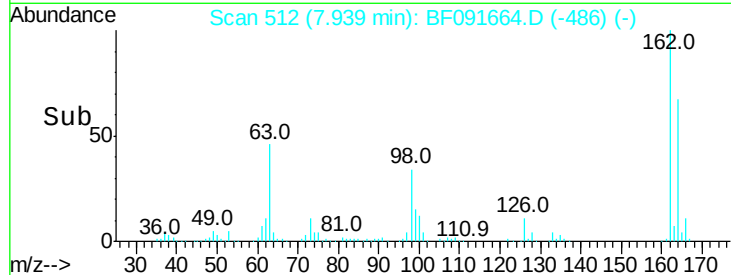
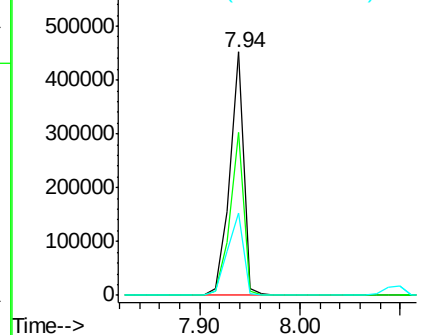
#29
 2,4-Dichlorophenol
 Concen: 46.86 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	45.0	85.0
98	33.7	21.3	61.3

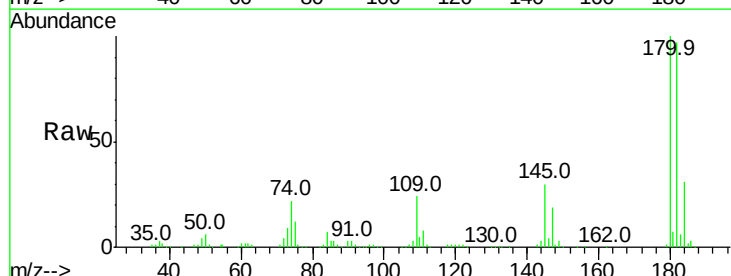


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

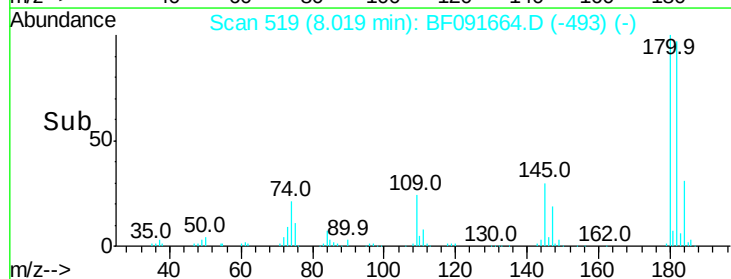
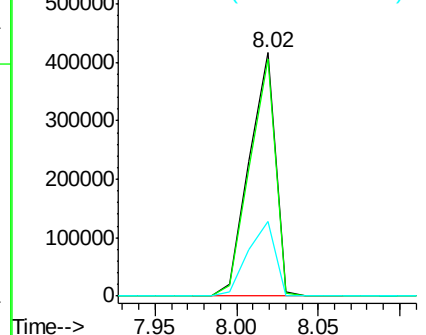


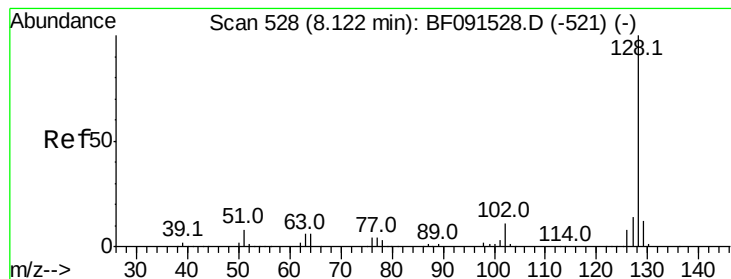
#30
 1,2,4-Trichlorobenzene
 Concen: 43.43 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	75.8	113.8
145	30.4	27.0	40.4



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





#31

Naphthalene

Concen: 44.16 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

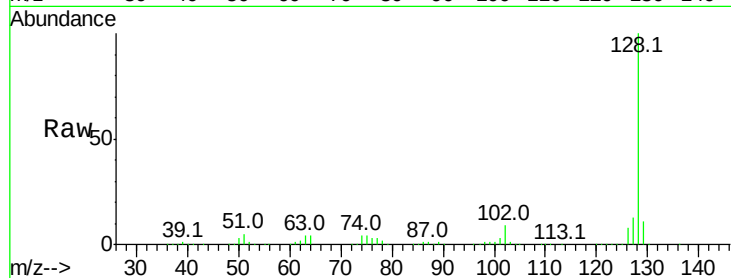
Tot Ion:128 Resp: 1509779

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

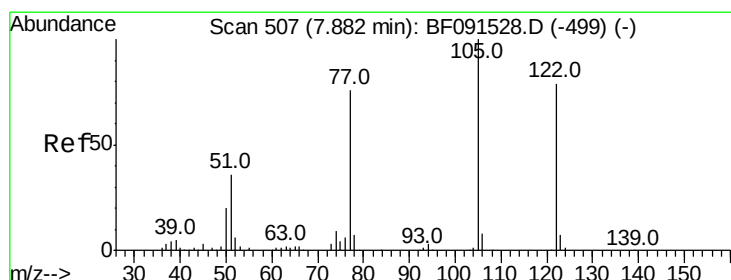
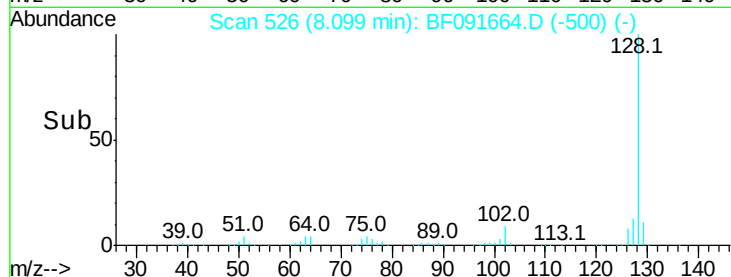
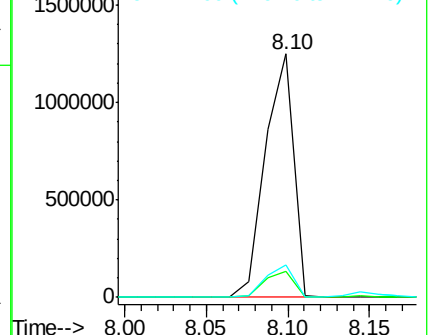
127 13.1 11.0 16.4



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: 37.15 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

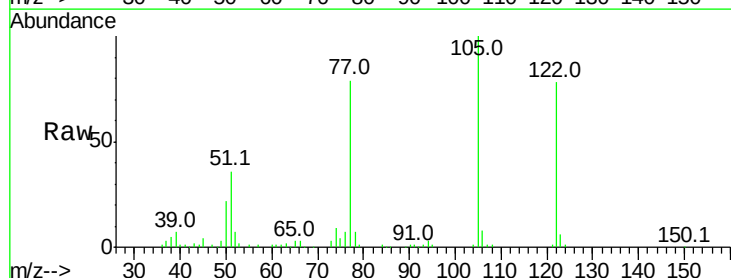
Tgt Ion:122 Resp: 277930

Ion Ratio Lower Upper

122 100

105 127.6 113.0 153.0

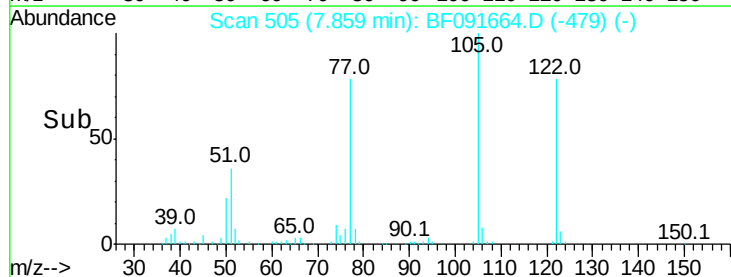
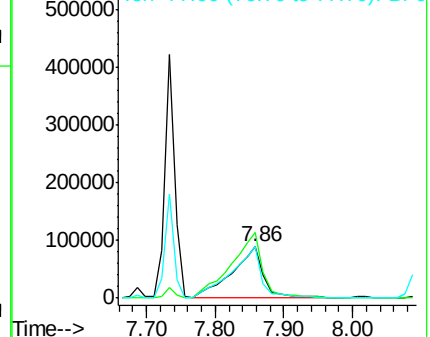
77 101.3 82.0 122.0

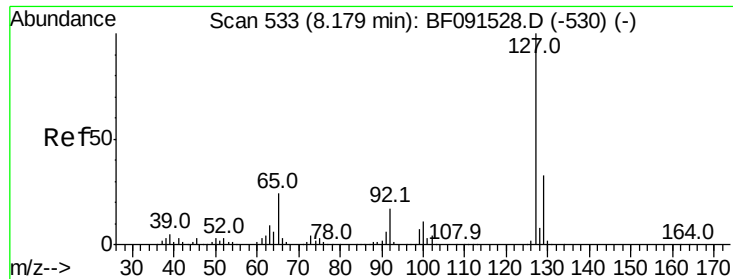


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

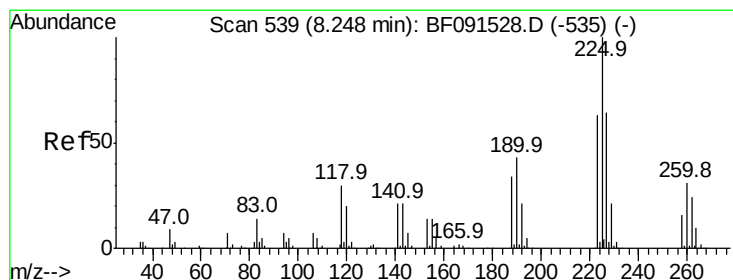
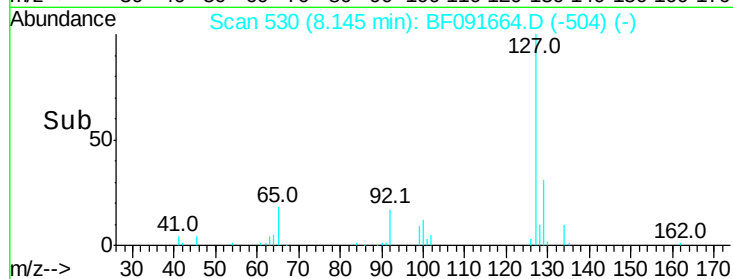
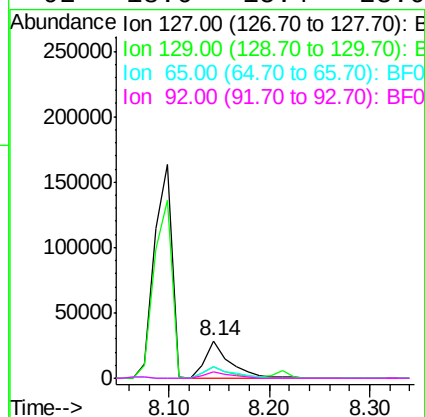
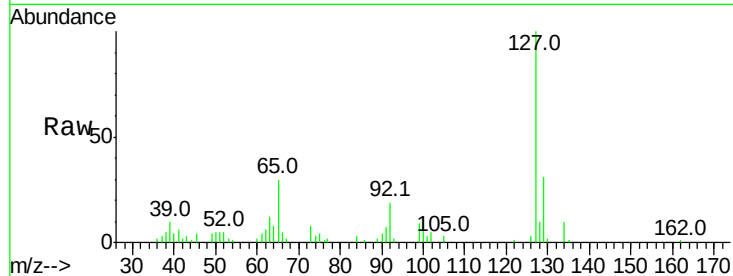




#33
 4-Chloroaniline
 Concen: 3.33 ng
 RT: 8.14 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

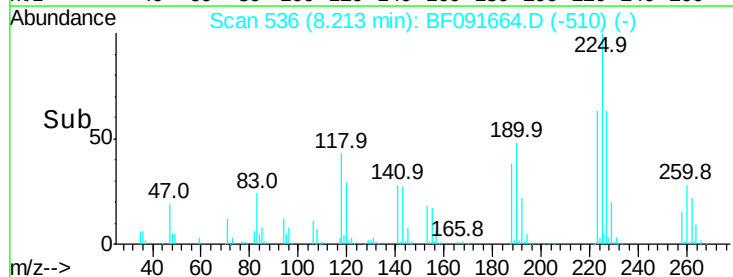
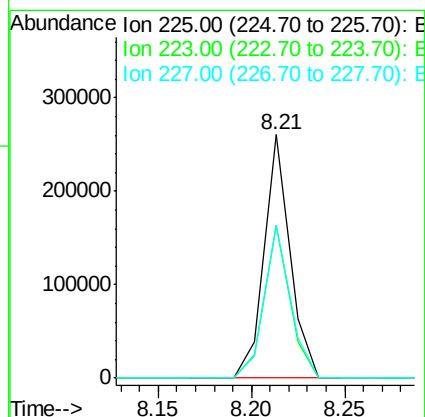
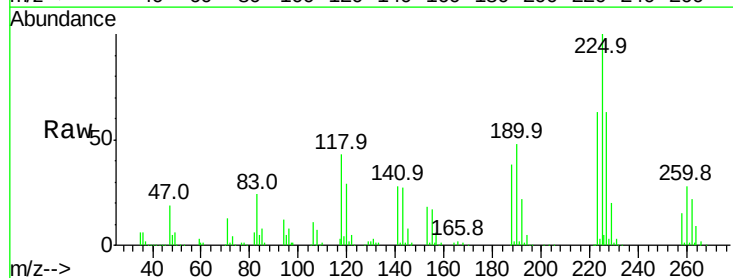
Instrument :
 BNA_F
 ClientSampled :

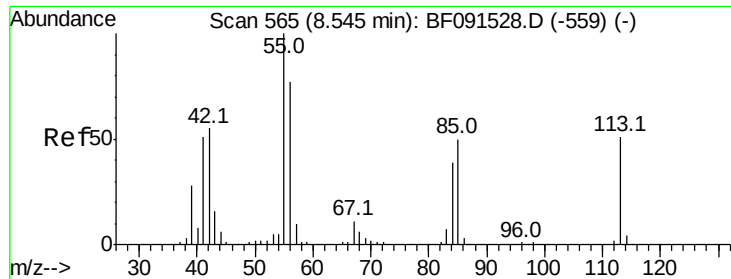
Tot Ion:	127	Resp:	49071
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.2	39.4
65	30.0	26.6	39.8
92	18.6	15.4	23.0



#34
 Hexachlorobutadiene
 Concen: 40.72 ng
 RT: 8.21 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion:	225	Resp:	248917
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.6
227	62.8	52.6	79.0

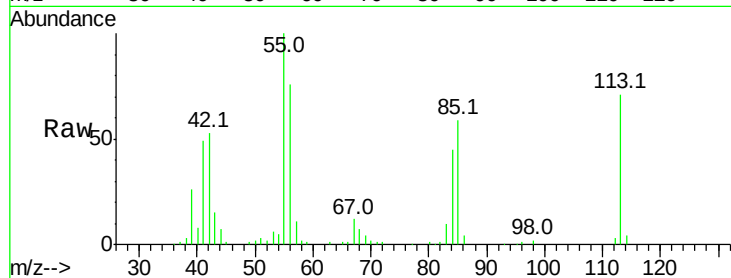




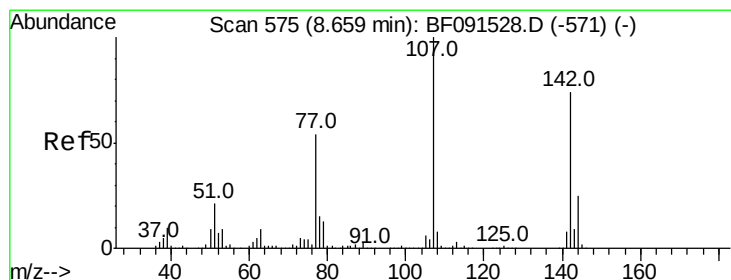
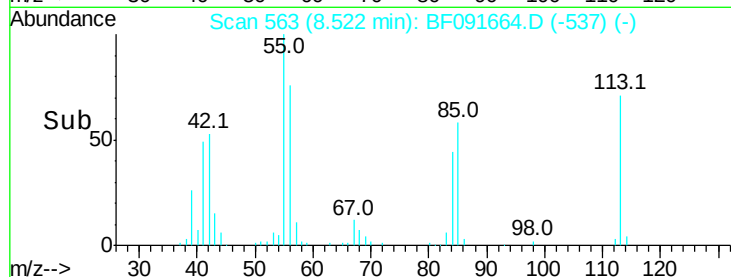
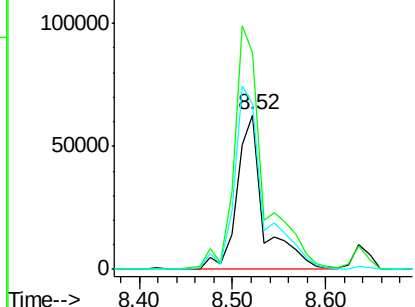
#35
 Caprolactam
 Concen: 46.35 ng
 RT: 8.52 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 126980
 Ion Ratio Lower Upper
 113 100
 55 140.4 239.8 279.8#
 56 107.2 165.6 205.6#

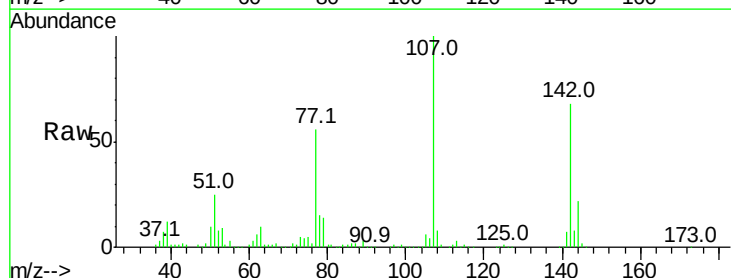


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

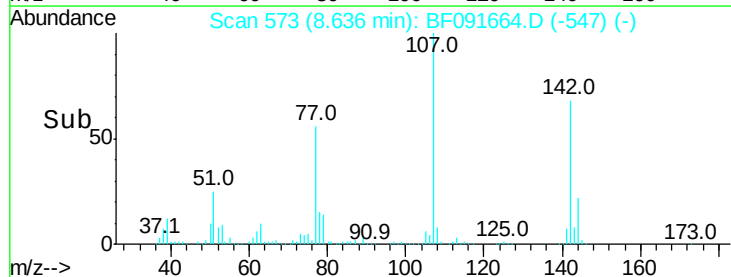
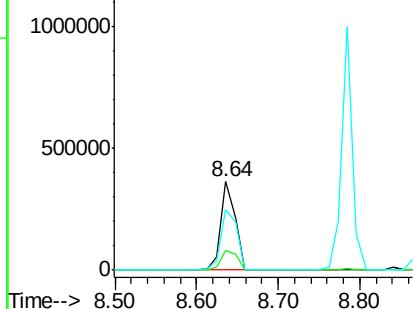


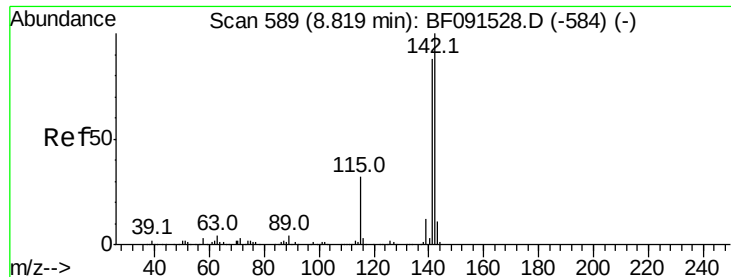
#36
 4-Chloro-3-methylphenol
 Concen: 42.54 ng
 RT: 8.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion:107 Resp: 447574
 Ion Ratio Lower Upper
 107 100
 144 21.9 18.9 28.3
 142 68.3 58.5 87.7



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

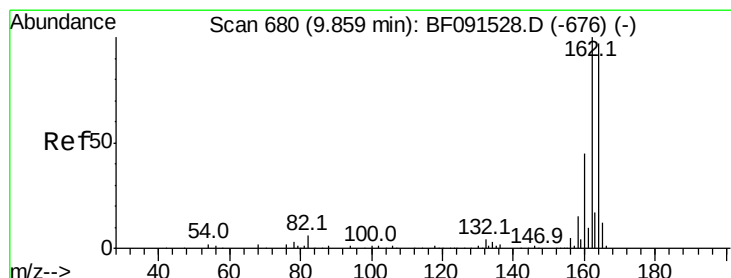
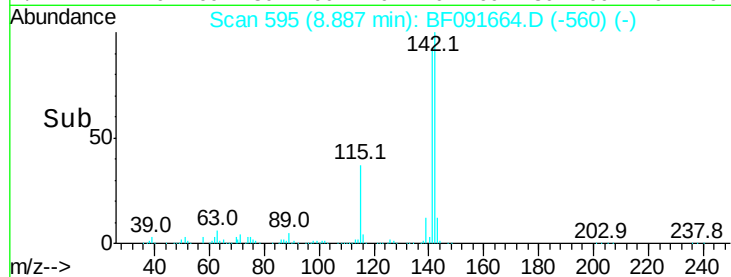
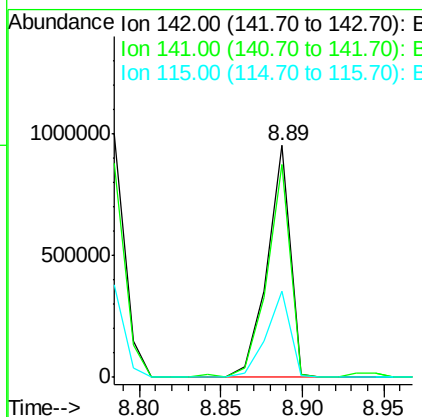
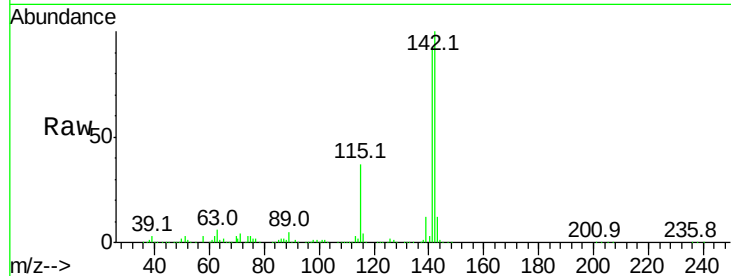




#37
2-Methylnaphthalene
Concen: 42.08 ng
RT: 8.89 min Scan# 595
Delta R.T. 0.10 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

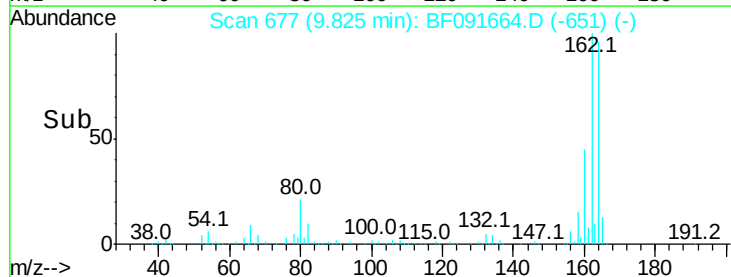
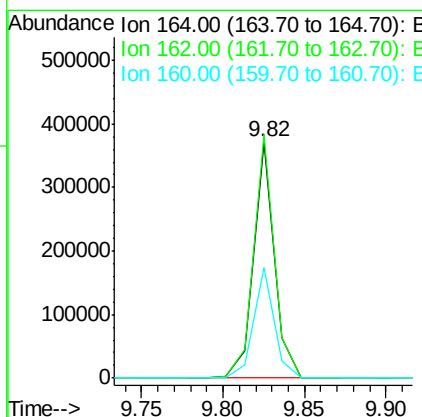
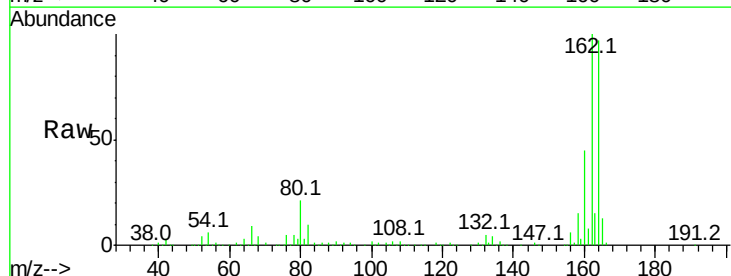
Instrument :
BNA_F
ClientSampleId :

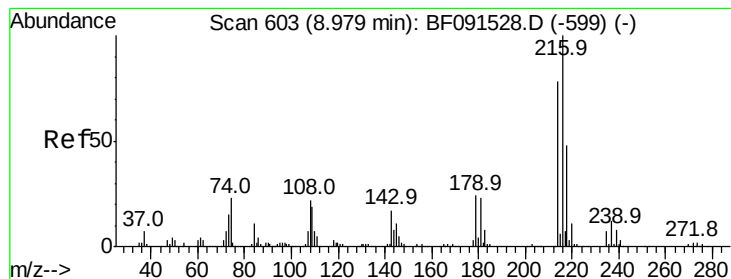
Tot Ion:142 Resp: 931189
Ion Ratio Lower Upper
142 100
141 91.9 71.7 107.5
115 37.0 25.0 37.6



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion:164 Resp: 329896
Ion Ratio Lower Upper
164 100
162 103.1 82.6 124.0
160 46.6 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.36 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 437560

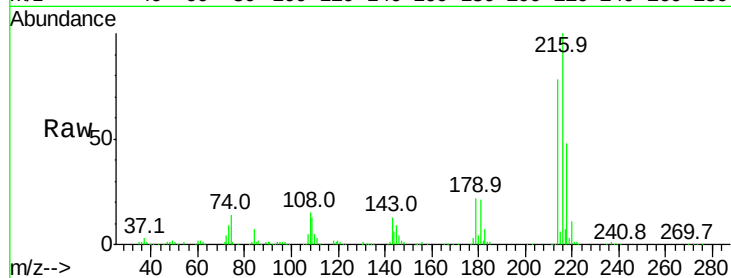
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.8

179 22.8 18.2 27.2

108 20.5 17.2 25.8

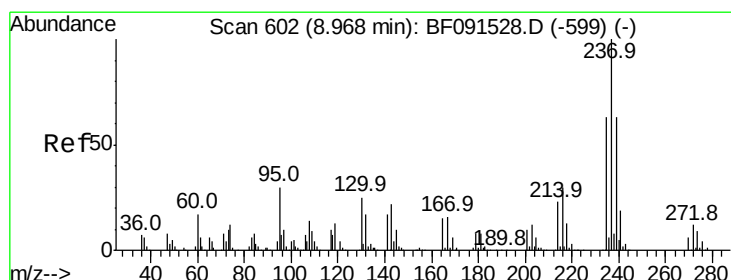
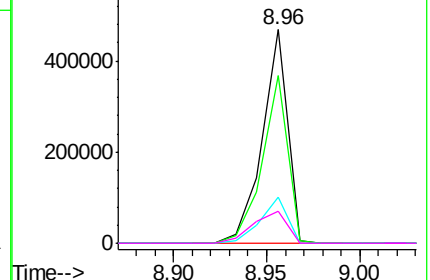
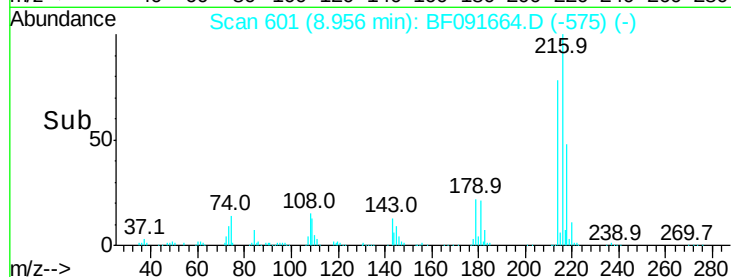


Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.67 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

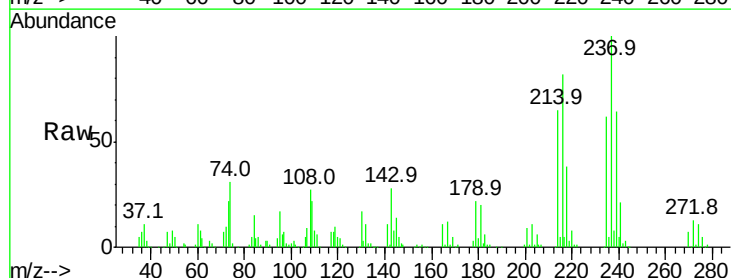
Tgt Ion:237 Resp: 192304

Ion Ratio Lower Upper

237 100

235 62.4 43.9 83.9

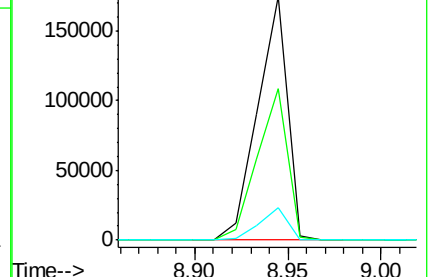
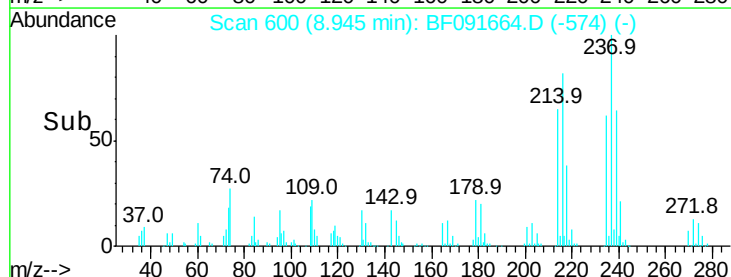
272 13.4 0.0 33.1

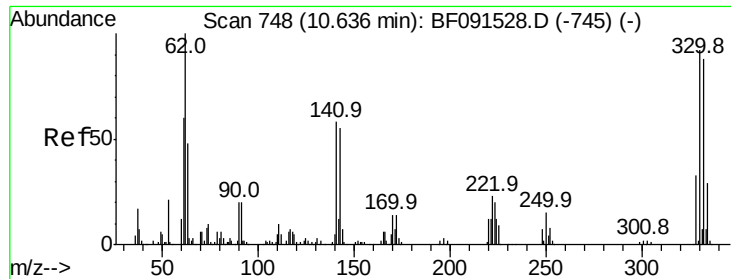


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

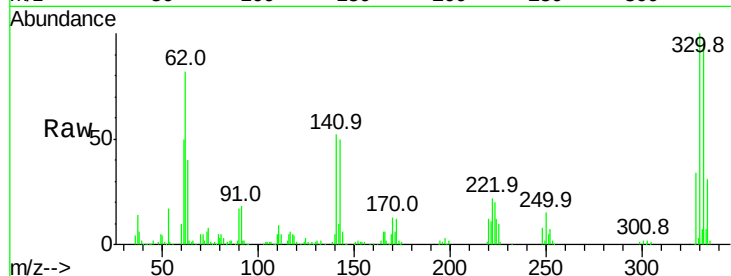




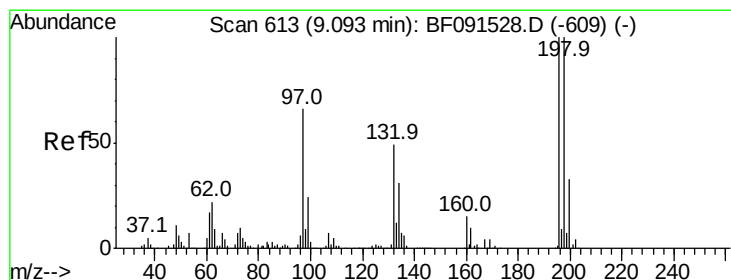
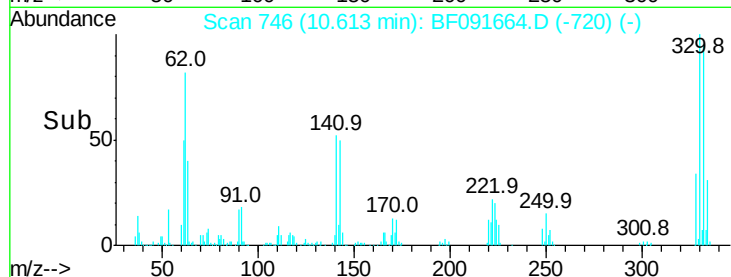
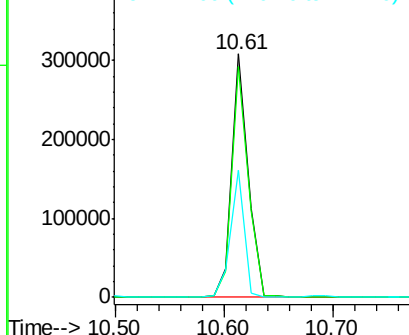
#41
 2,4,6-Tribromophenol
 Concen: 116.45 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 319077
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.4
 141 44.6 33.6 50.4

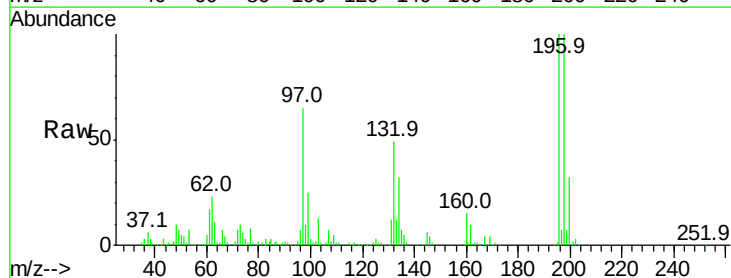


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

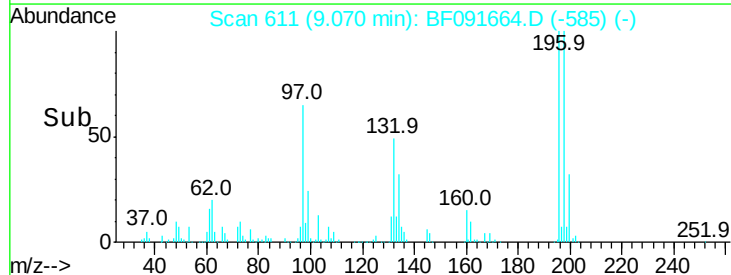
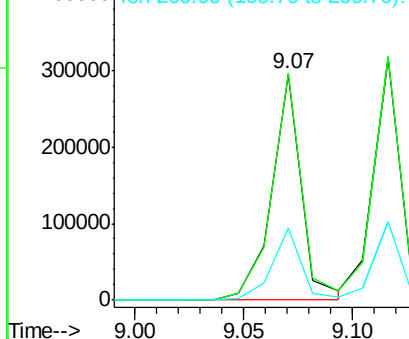


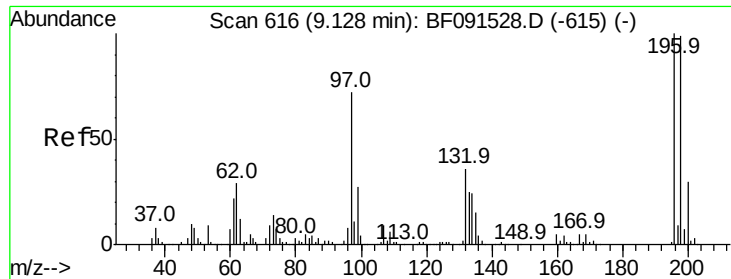
#42
 2,4,6-Trichlorophenol
 Concen: 48.64 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion:196 Resp: 282759
 Ion Ratio Lower Upper
 196 100
 198 100.3 77.4 116.0
 200 32.0 25.2 37.8



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

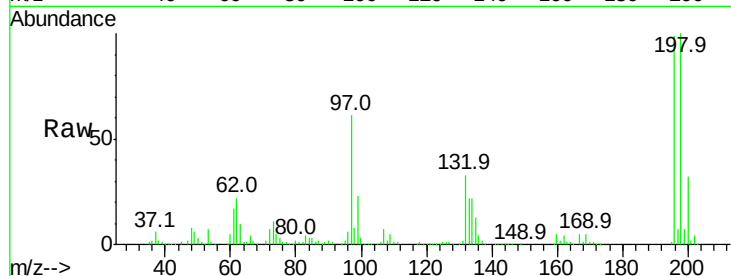




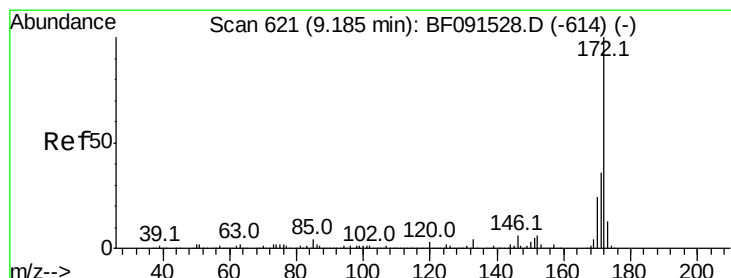
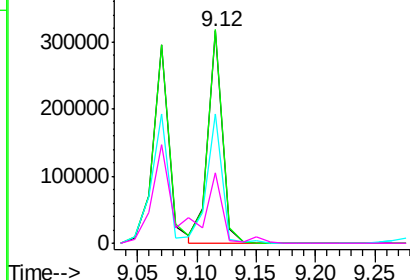
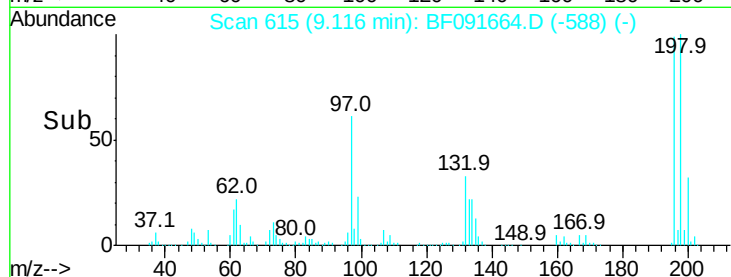
#43
 2,4,5-Trichlorophenol
 Concen: 45.33 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 270823
 Ion Ratio Lower Upper
 196 100
 198 100.6 77.0 115.6
 97 61.1 33.5 50.3#
 132 33.1 20.5 30.7#

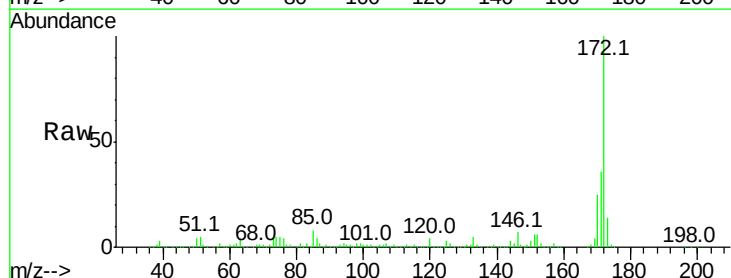


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

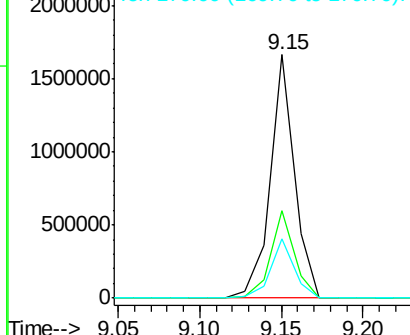
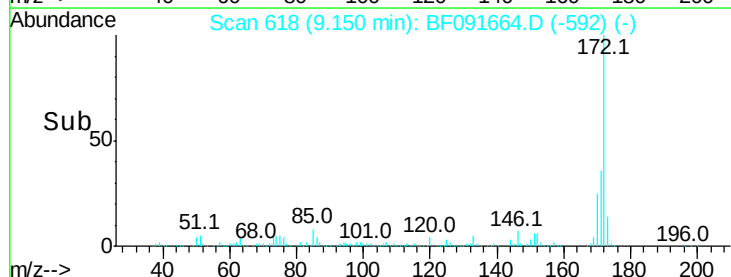


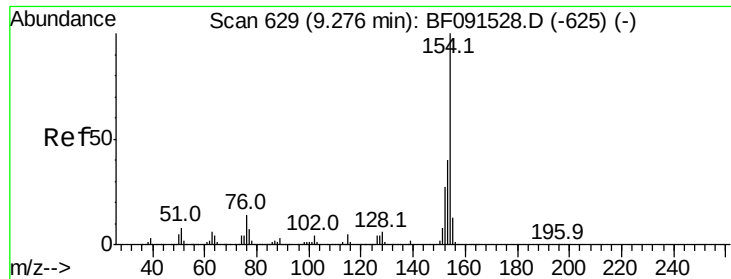
#44
 2-Fluorobiphenyl
 Concen: 90.48 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion:172 Resp: 1727450
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.5 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 51.10 ng

RT: 9.25 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

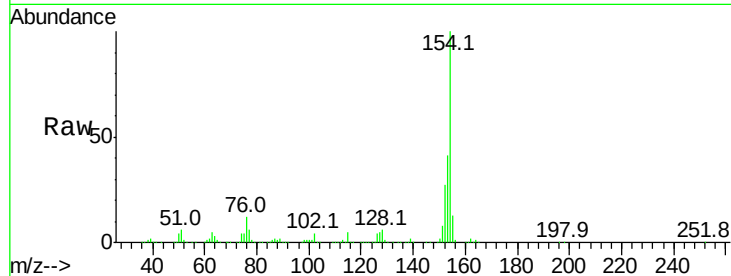
Tot Ion:154 Resp: 1221121

Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

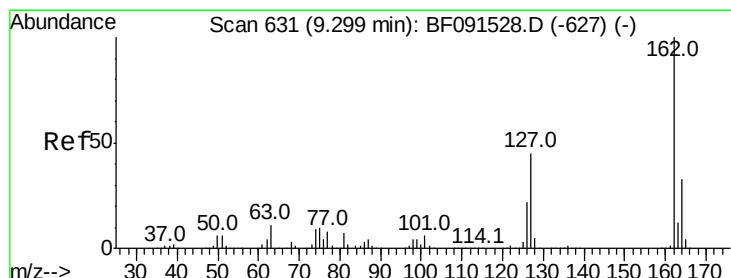
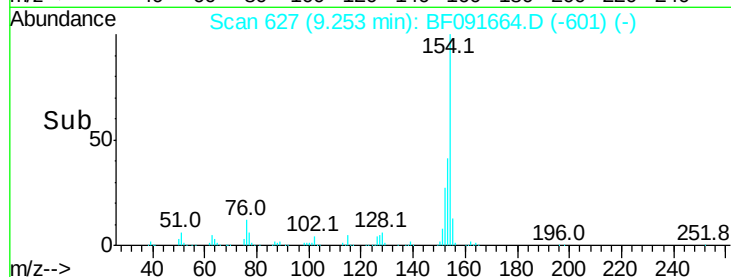
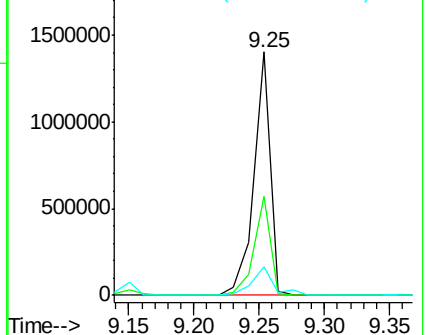
76 11.7 0.0 36.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 48.21 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

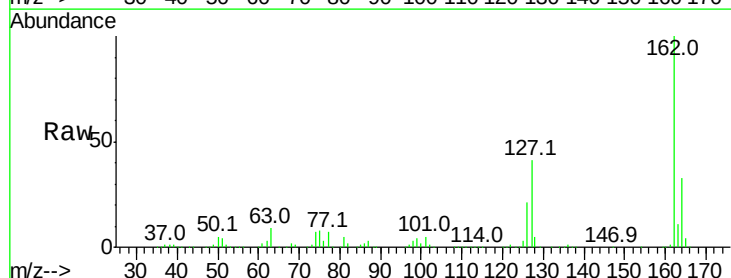
Tgt Ion:162 Resp: 892031

Ion Ratio Lower Upper

162 100

127 41.4 34.3 51.5

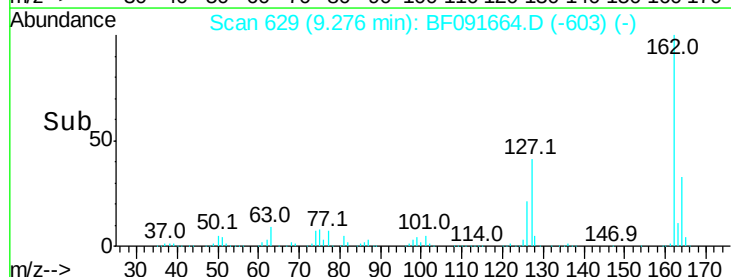
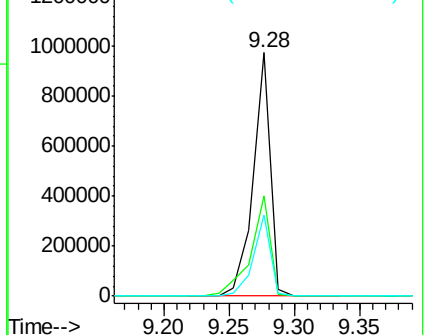
164 33.1 26.6 40.0

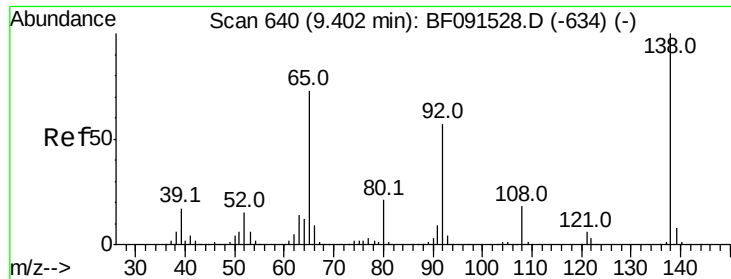


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

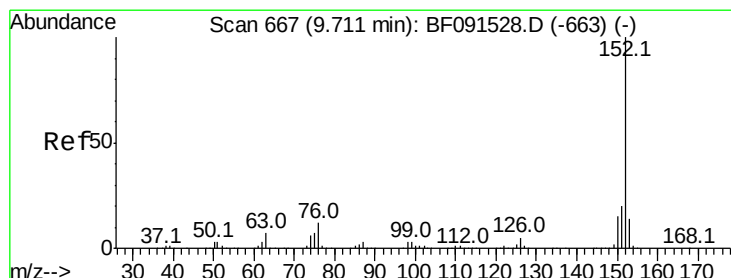
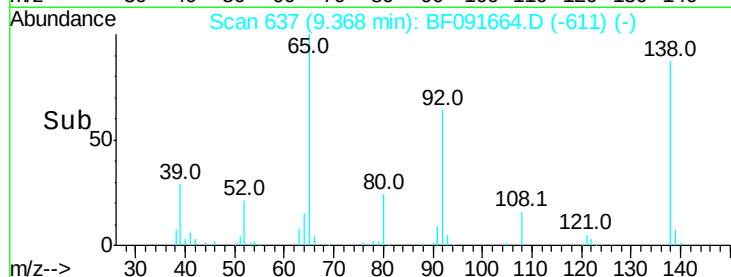
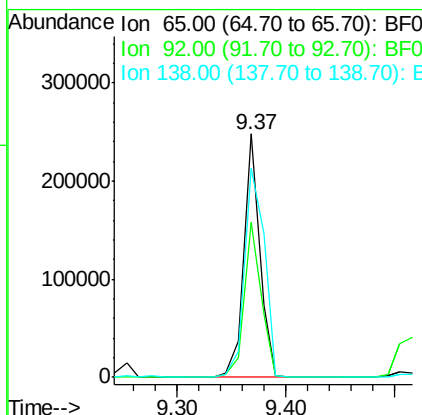
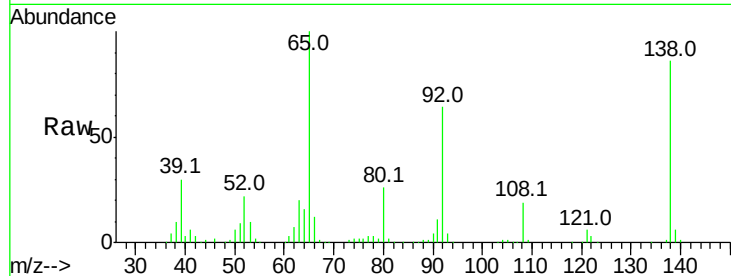




#47
 2-Nitroaniline
 Concen: 40.26 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

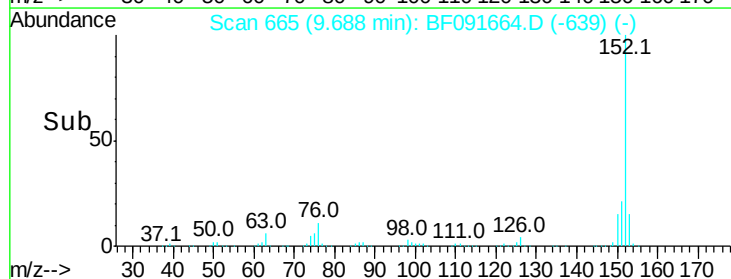
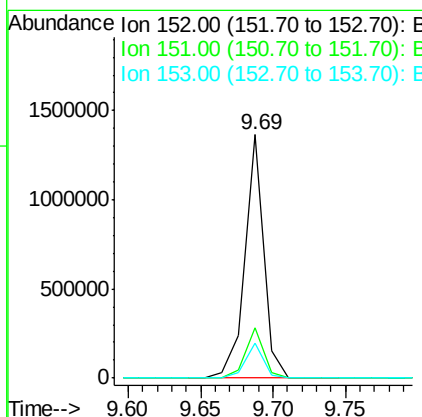
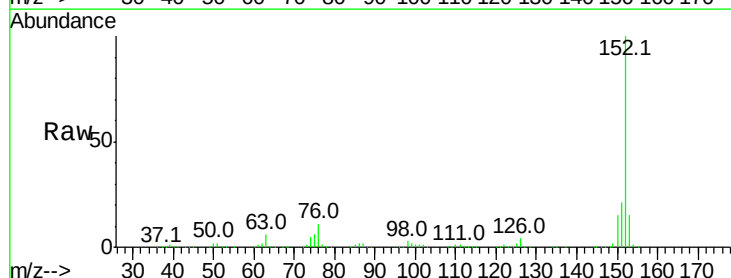
Instrument :
 BNA_F
 ClientSampleId :

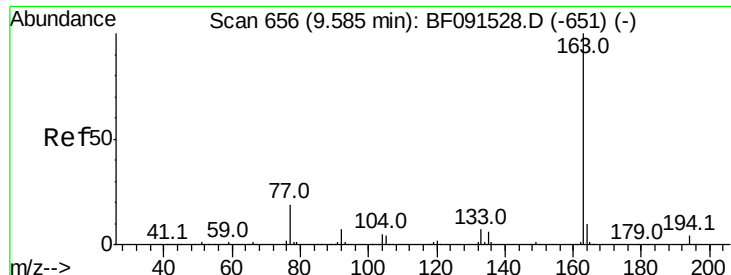
Tot Ion: 65 Resp: 250537
 Ion Ratio Lower Upper
 65 100
 92 63.5 53.6 80.4
 138 86.1 91.0 136.6#



#48
 Acenaphthylene
 Concen: 43.59 ng
 RT: 9.69 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion:152 Resp: 1229379
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.6 24.8
 153 14.6 10.7 16.1





#49

Dimethylphthalate

Concen: 50.33 ng

RT: 9.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampled :

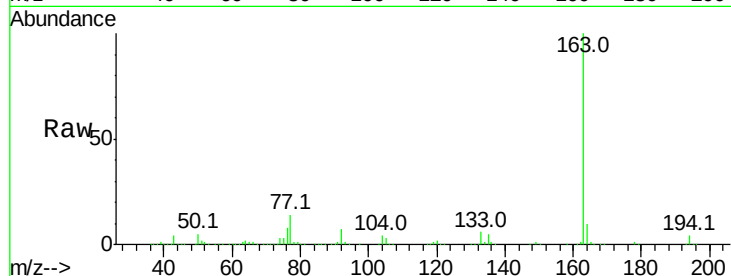
Tot Ion:163 Resp: 1051260

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

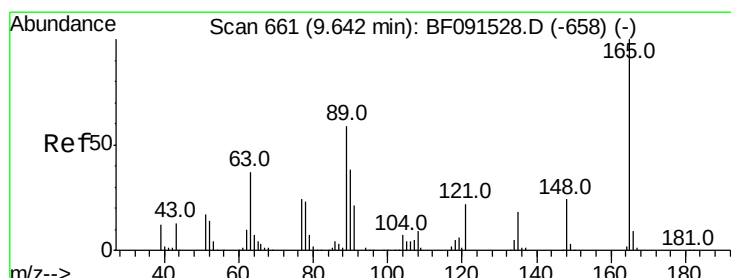
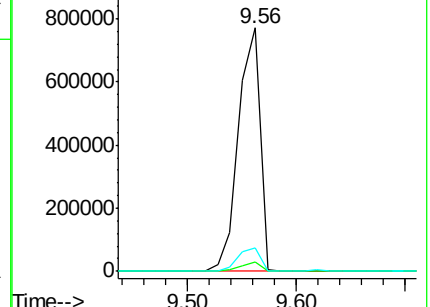
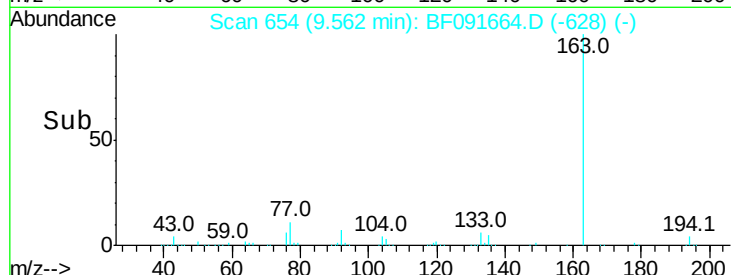
164 9.8 7.8 11.8



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: 49.17 ng

RT: 9.62 min Scan# 659

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

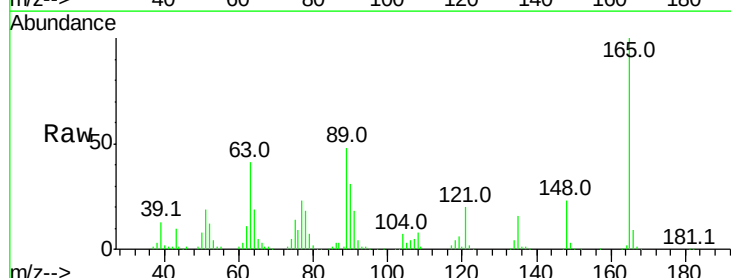
Tgt Ion:165 Resp: 225411

Ion Ratio Lower Upper

165 100

63 41.4 59.4 89.0#

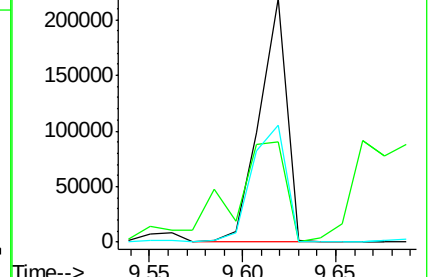
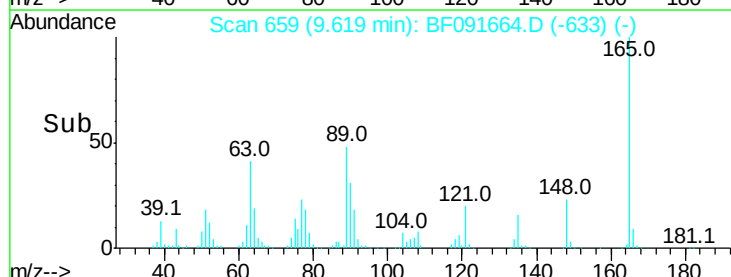
89 48.1 50.8 76.2#

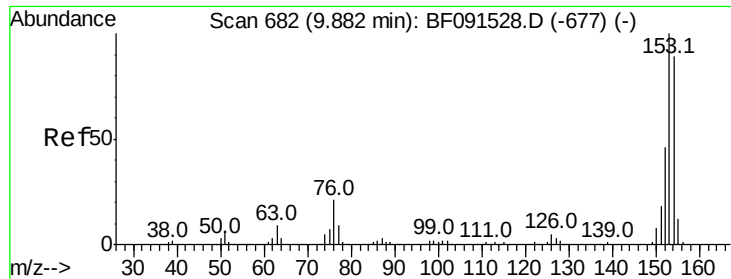


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.45 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :

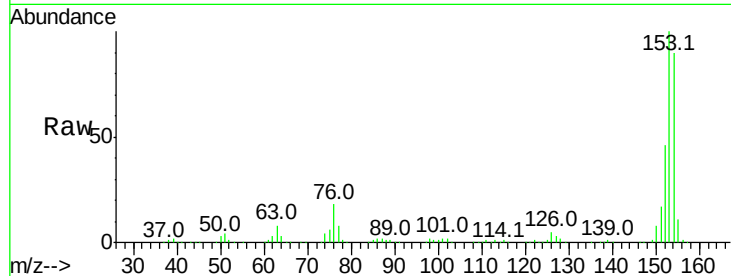
Tot Ion:154 Resp: 812117

Ion Ratio Lower Upper

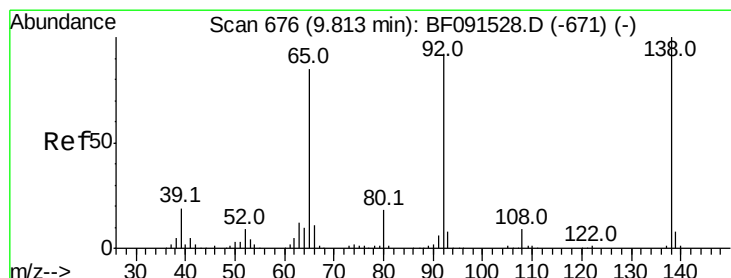
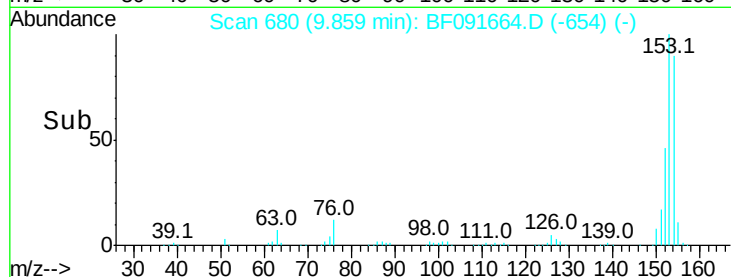
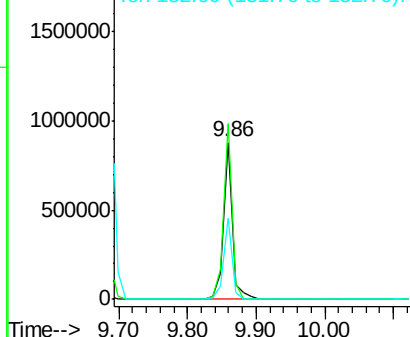
154 100

153 111.7 91.0 136.6

152 51.6 44.2 66.2



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: 9.31 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

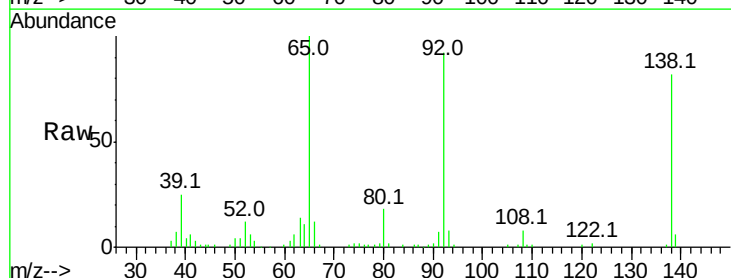
Tgt Ion:138 Resp: 50155

Ion Ratio Lower Upper

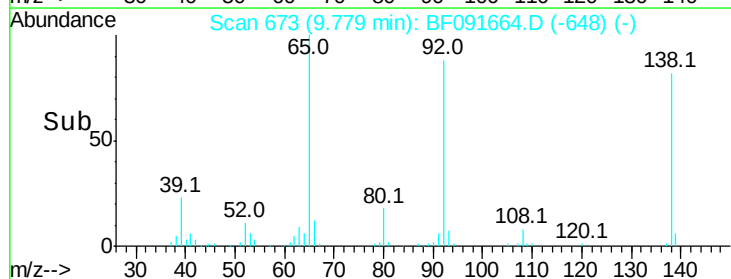
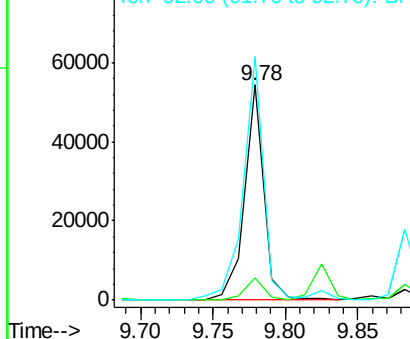
138 100

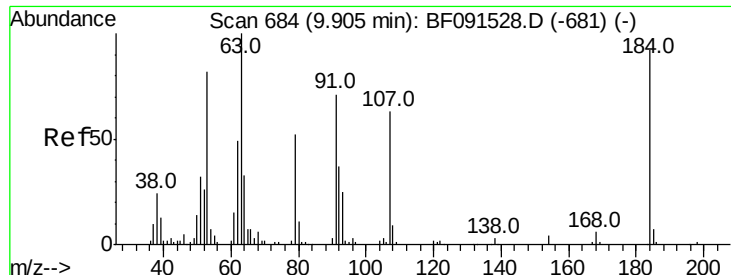
108 10.3 8.1 12.1

92 113.0 92.5 138.7



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

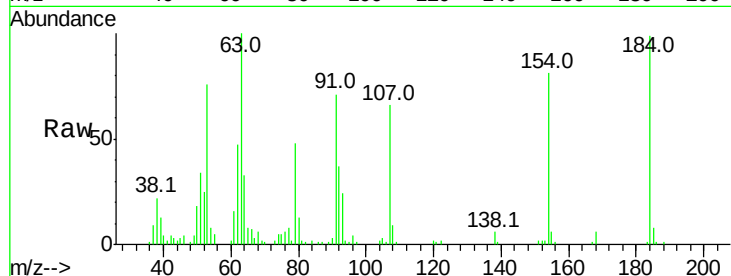




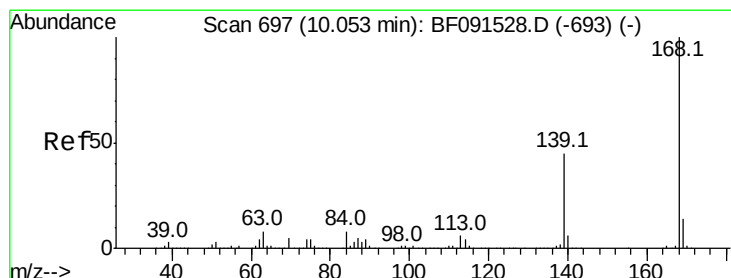
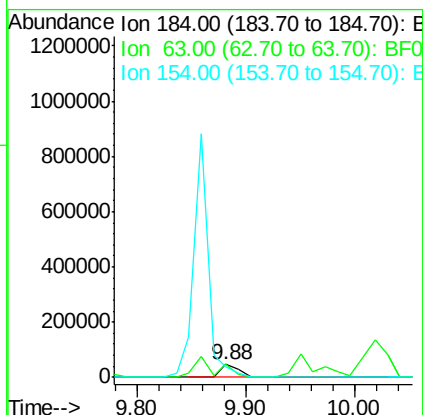
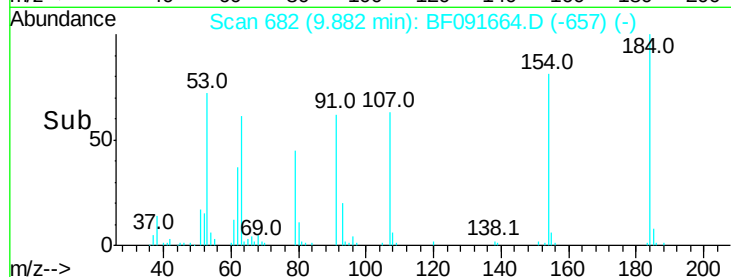
#53
2,4-Dinitrophenol
Concen: 30.89 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 58917
Ion Ratio Lower Upper
184 100
63 100.6 58.3 87.5#
154 81.3 48.6 73.0#

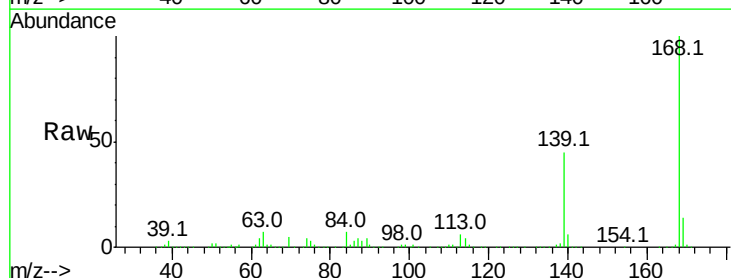


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

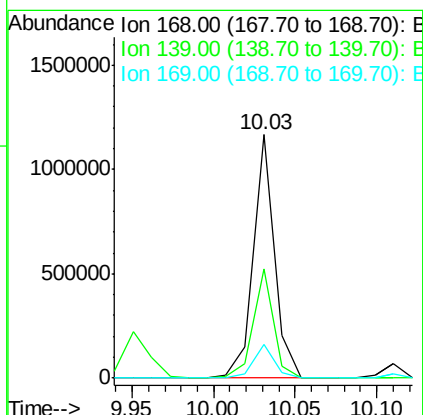
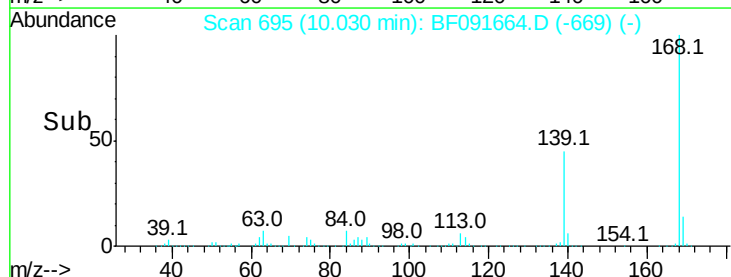


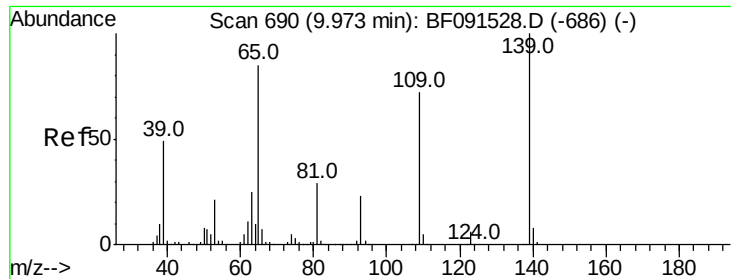
#54
Dibenzofuran
Concen: 43.54 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion:168 Resp: 1055408
Ion Ratio Lower Upper
168 100
139 44.6 33.4 50.2
169 13.9 11.1 16.7



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

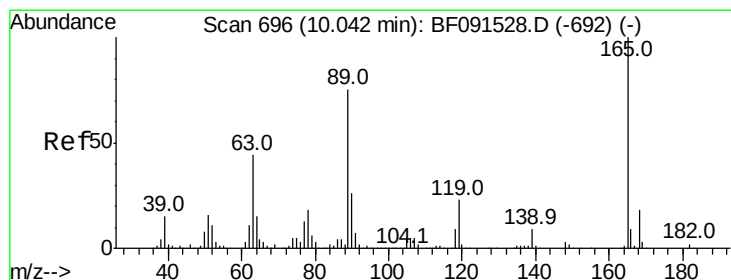
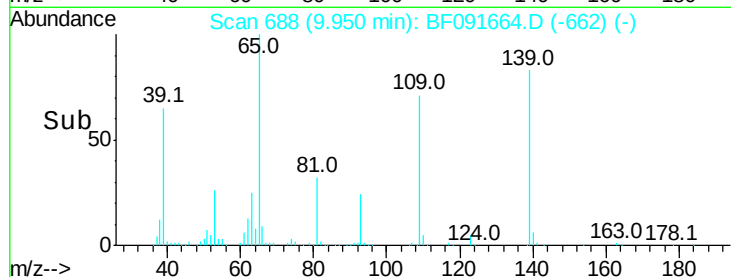
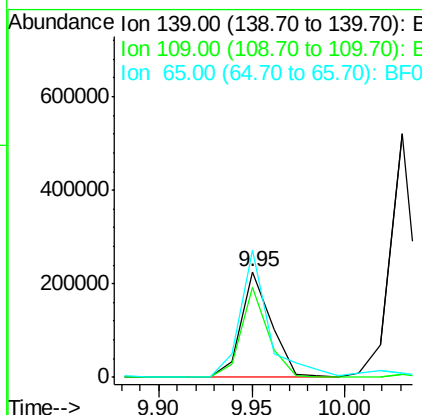
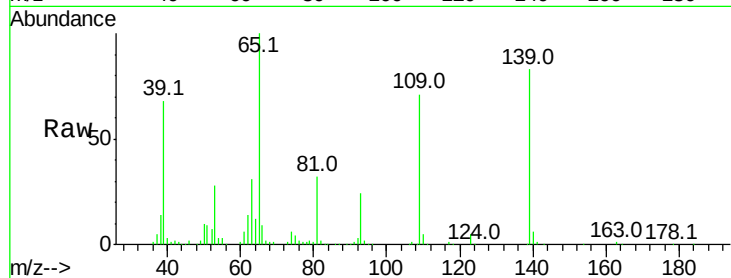




#55
4-Nitrophenol
Concen: 63.77 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

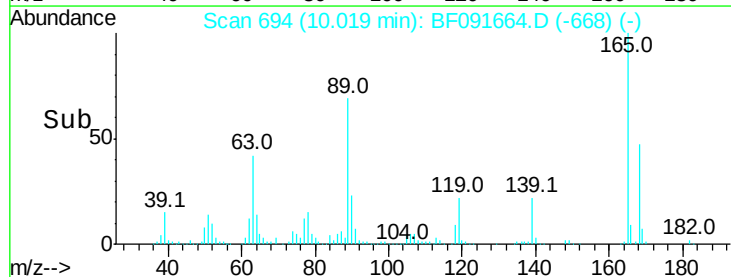
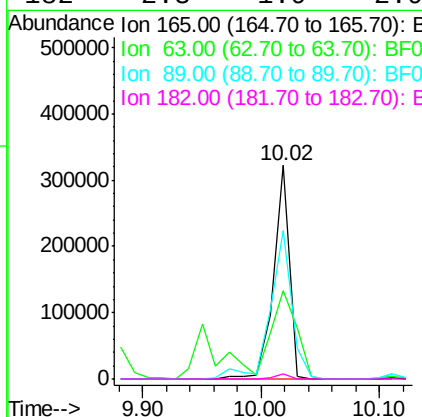
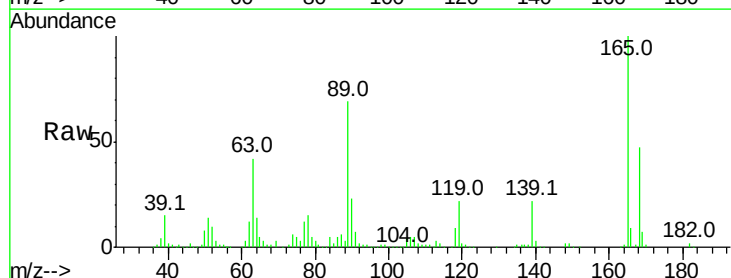
Instrument :
BNA_F
ClientSampleId :

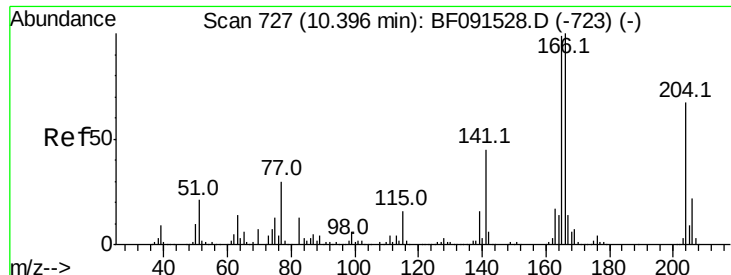
Tot Ion:139 Resp: 255512
Ion Ratio Lower Upper
139 100
109 85.7 54.9 94.9
65 120.3 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 51.97 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion:165 Resp: 298691
Ion Ratio Lower Upper
165 100
63 41.5 29.0 43.4
89 69.3 43.1 64.7#
182 2.3 1.9 2.9

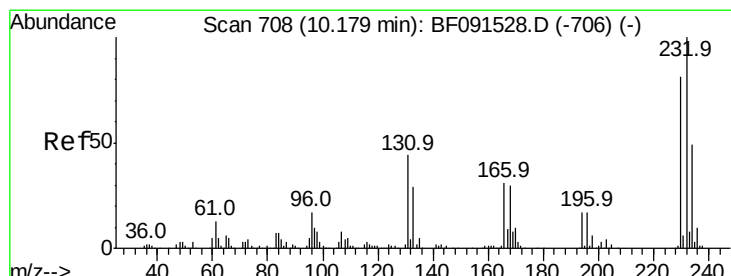
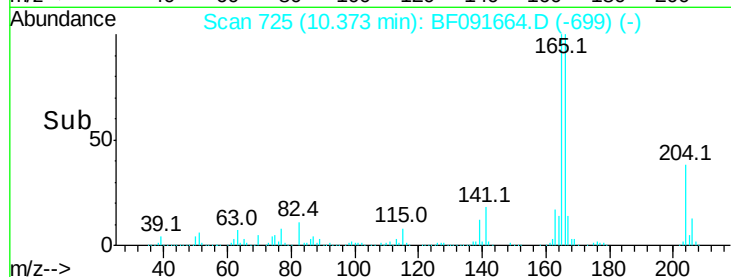
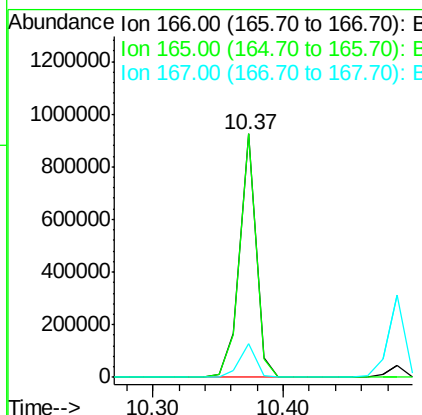
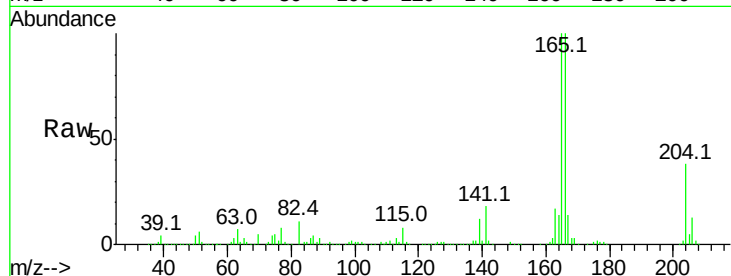




#57
Fluorene
 Concen: 46.95 ng
 RT: 10.37 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

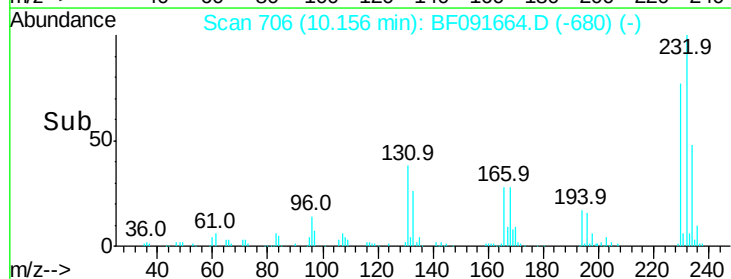
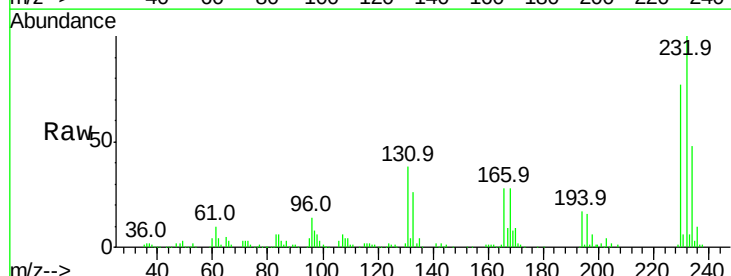
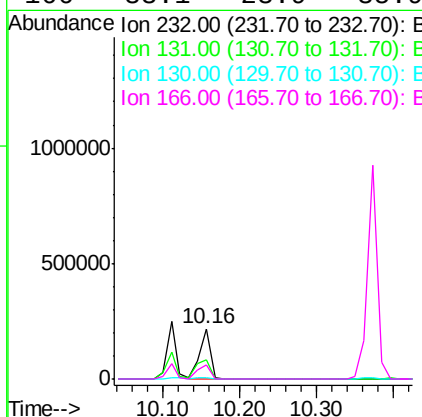
Instrument :
 BNA_F
 ClientSampleID :

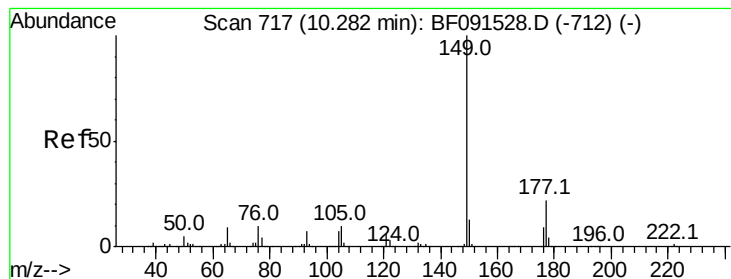
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.0	120.0
167	13.7	10.8	16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.56 ng
 RT: 10.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.1	38.4	57.6
130	2.4	1.8	2.8
166	33.1	23.9	35.9





#59

Diethylphthalate

Concen: 51.34 ng

RT: 10.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampled :

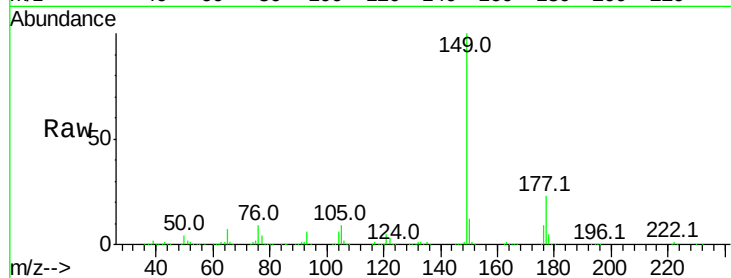
Tot Ion:149 Resp: 1032657

Ion Ratio Lower Upper

149 100

177 23.1 15.7 23.5

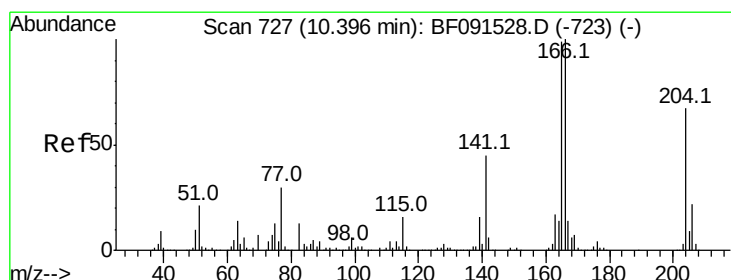
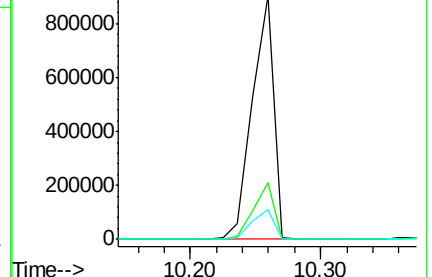
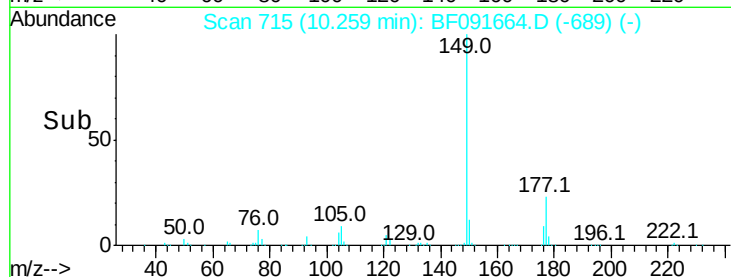
150 12.1 10.2 15.2



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: 45.11 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

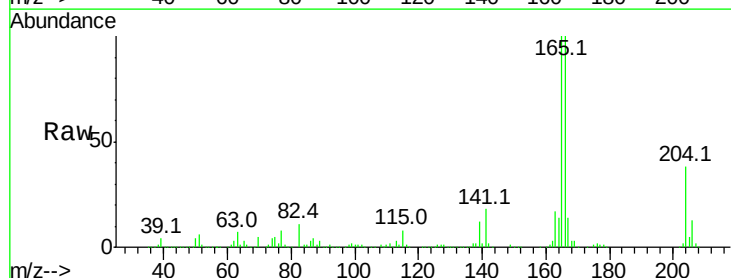
Tgt Ion:204 Resp: 393165

Ion Ratio Lower Upper

204 100

206 33.3 26.1 39.1

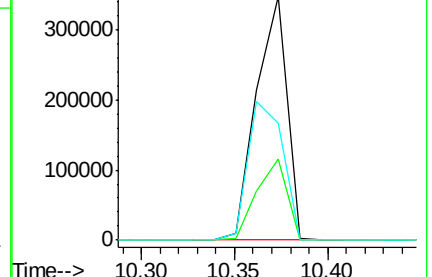
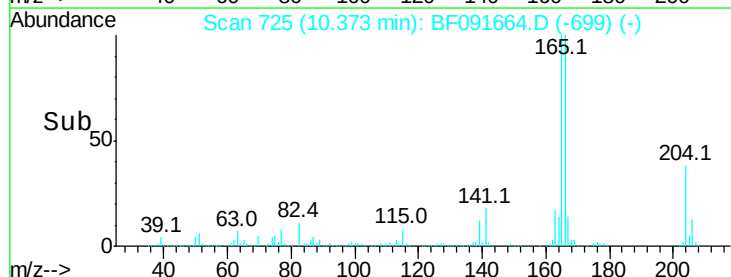
141 47.9 40.6 61.0

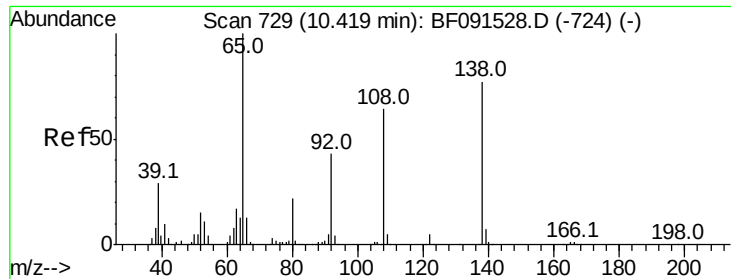


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

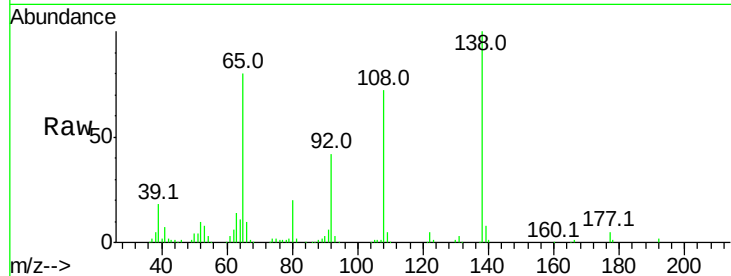




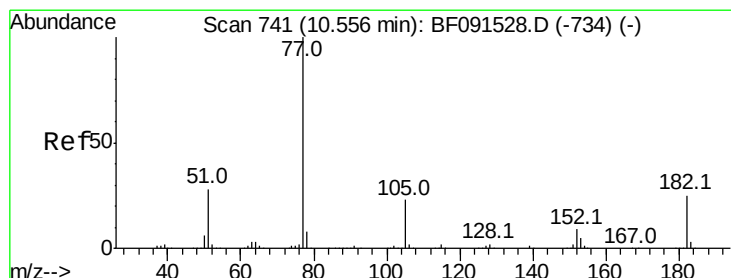
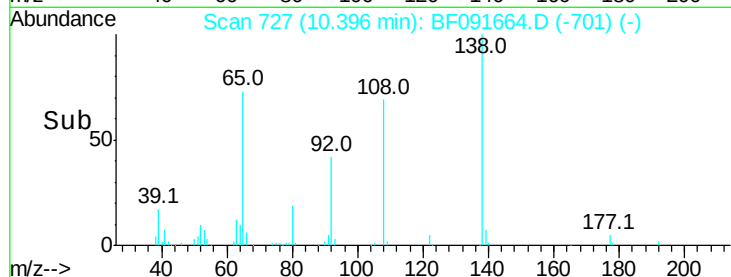
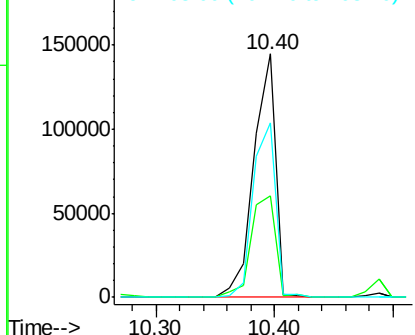
#61
4-Nitroaniline
Concen: 34.95 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 187034
Ion Ratio Lower Upper
138 100
92 41.8 26.9 66.9
108 71.6 49.1 89.1

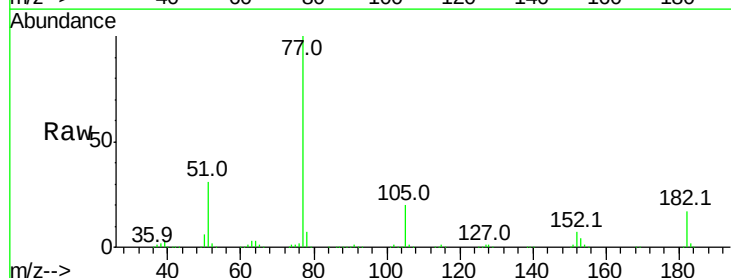


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

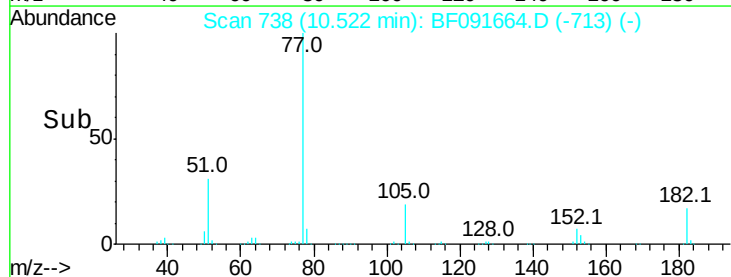
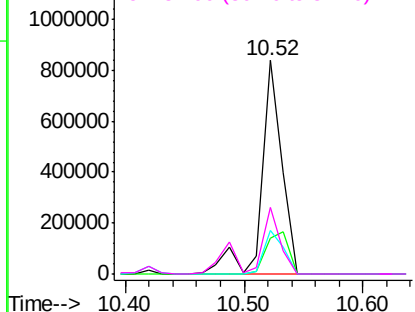


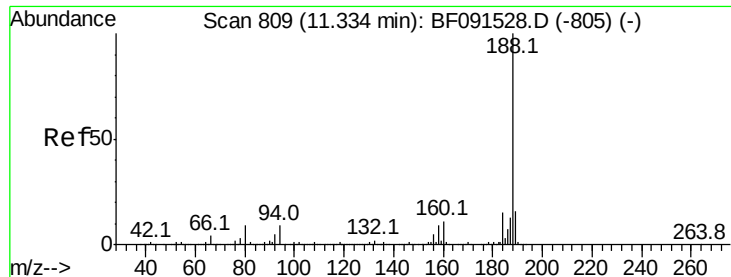
#62
Azobenzene
Concen: 43.73 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion: 77 Resp: 996798
Ion Ratio Lower Upper
77 100
182 16.6 12.5 52.5
105 20.2 3.7 43.7
51 31.4 11.9 51.9



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

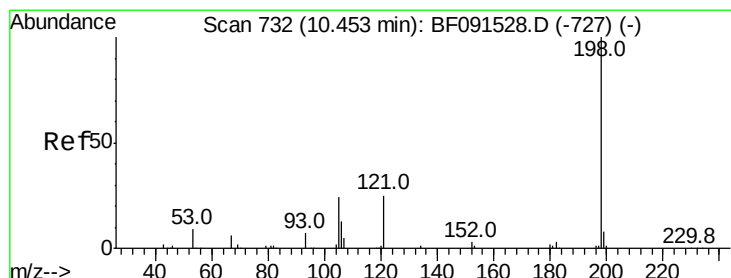
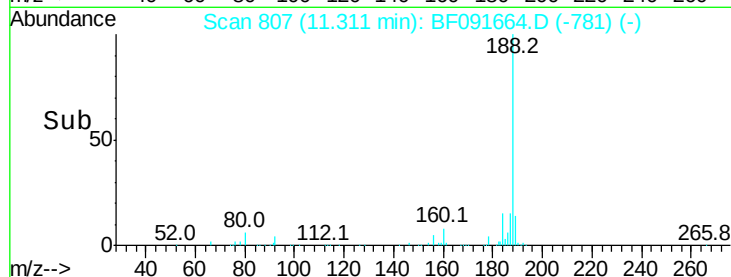
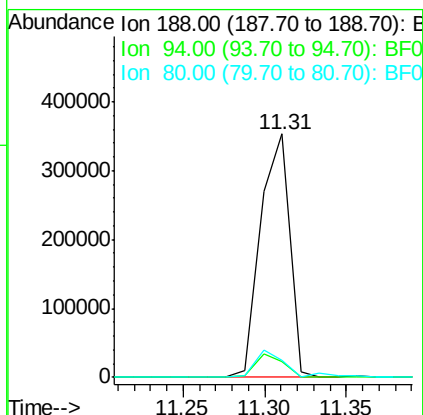
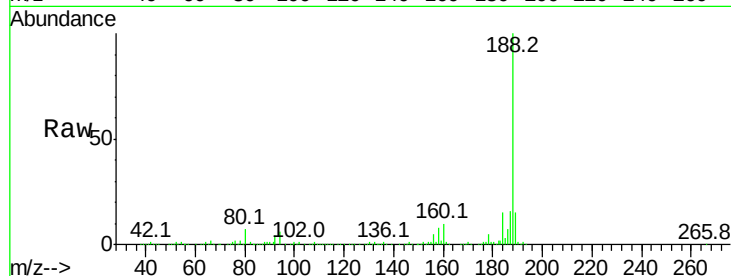




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

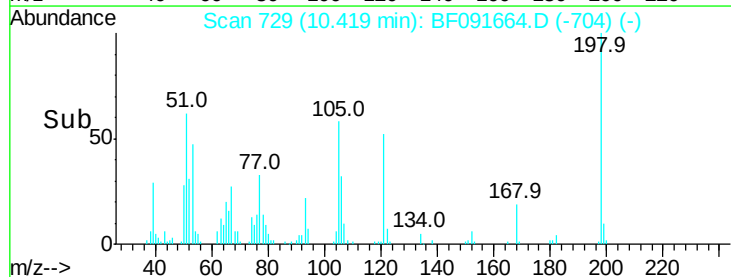
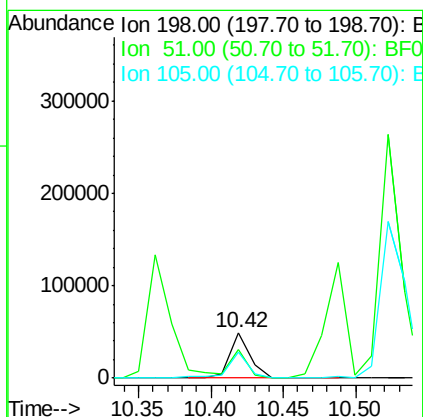
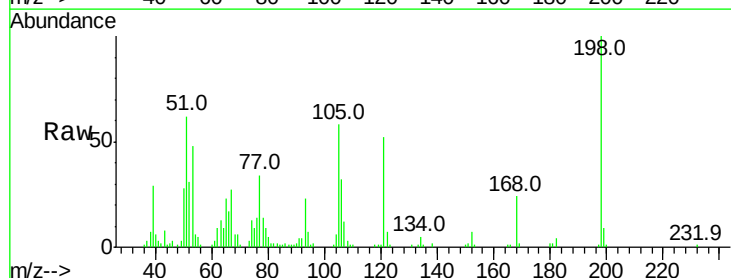
Instrument :
BNA_F
ClientSampled :

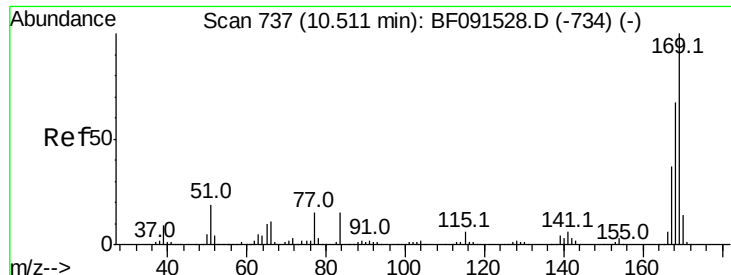
Tot Ion:188 Resp: 440942
Ion Ratio Lower Upper
188 100
94 6.4 9.2 13.8#
80 6.9 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 19.59 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion:198 Resp: 47494
Ion Ratio Lower Upper
198 100
51 62.5 77.1 117.1#
105 57.5 44.8 84.8





#65

n-Nitrosodiphenylamine

Concen: 56.06 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

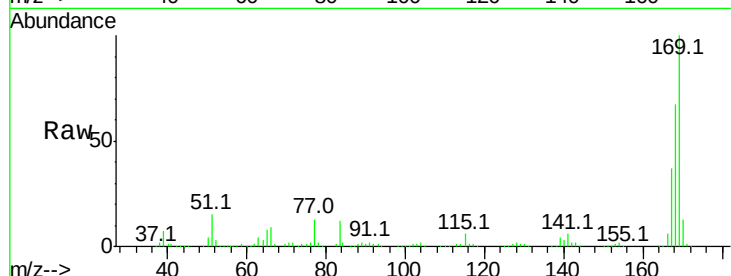
Tot Ion:169 Resp: 736958

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.8

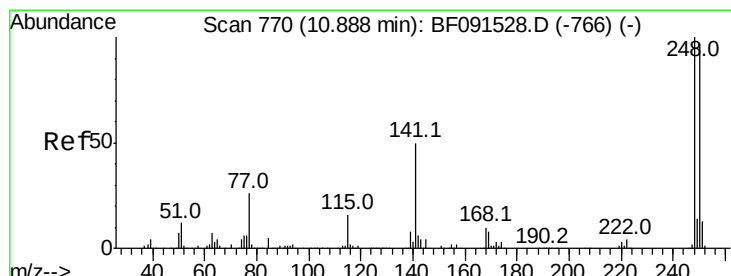
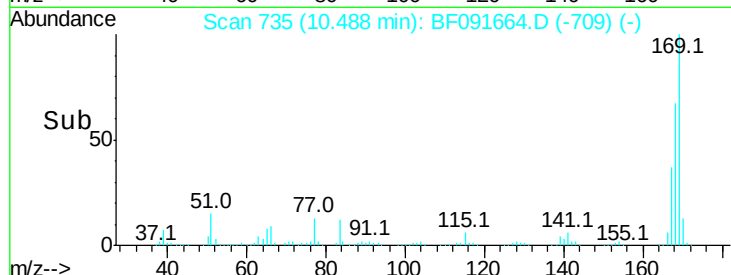
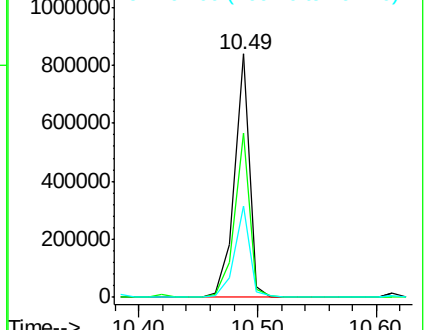
167 37.4 29.8 44.8



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: 50.67 ng

RT: 10.85 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

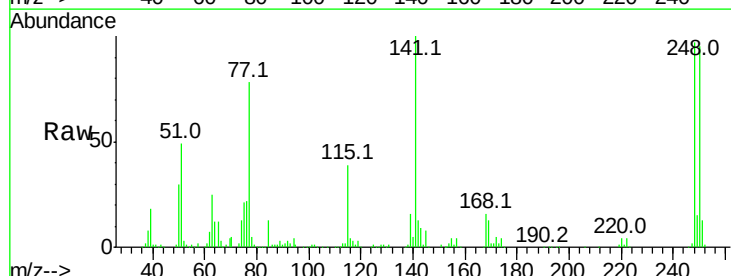
Tgt Ion:248 Resp: 229058

Ion Ratio Lower Upper

248 100

250 97.9 78.2 117.4

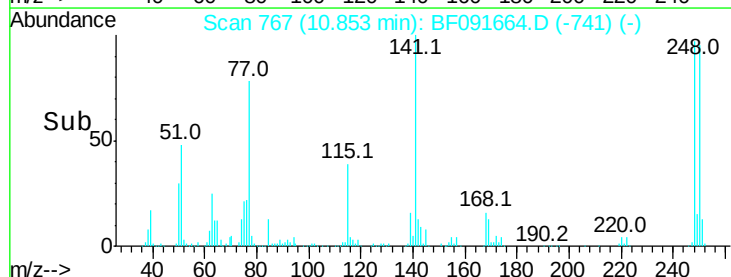
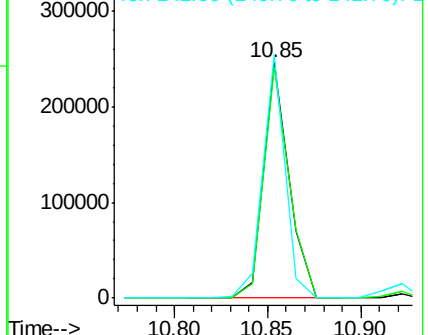
141 103.3 71.9 107.9

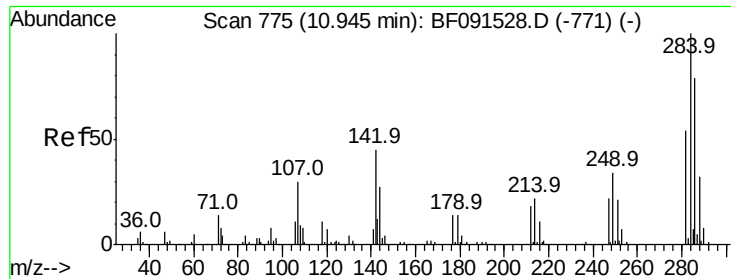


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

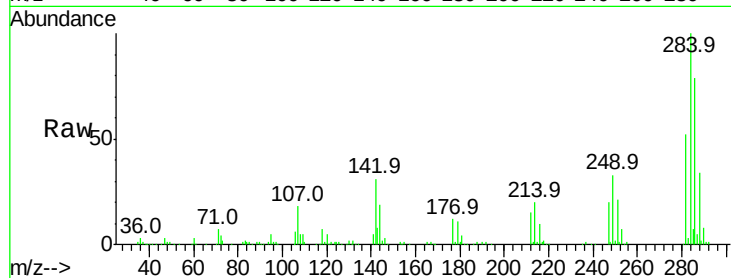




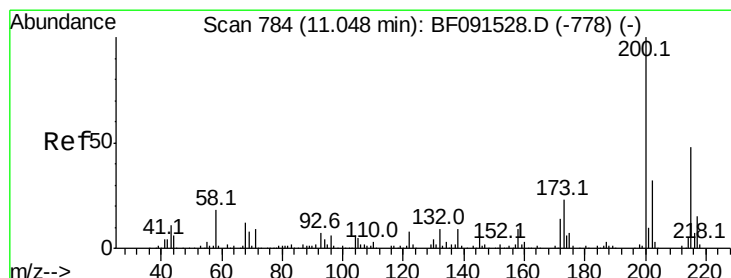
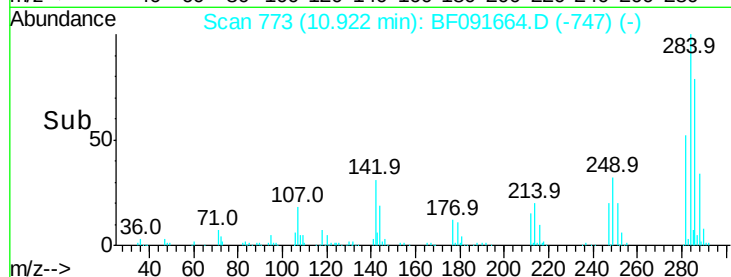
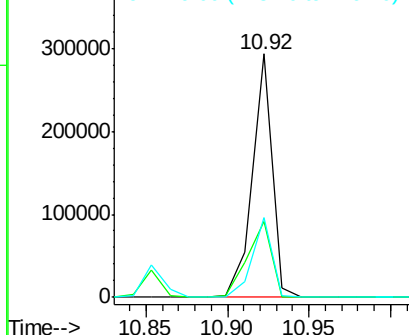
#67
Hexachlorobenzene
Concen: 52.80 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.2	17.9	26.9
249	32.8	23.6	35.4

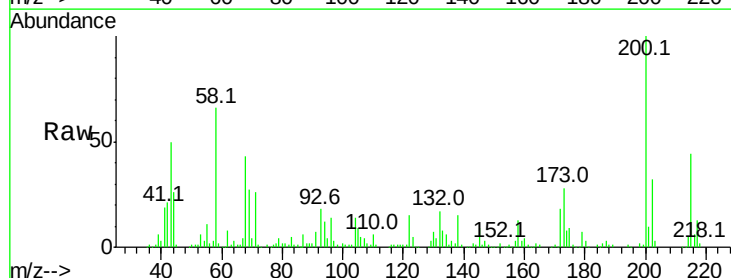


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

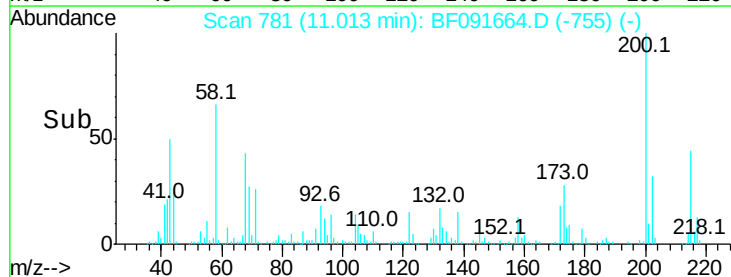
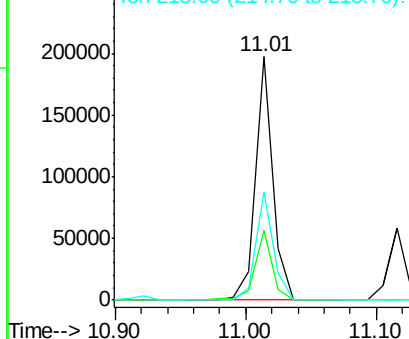


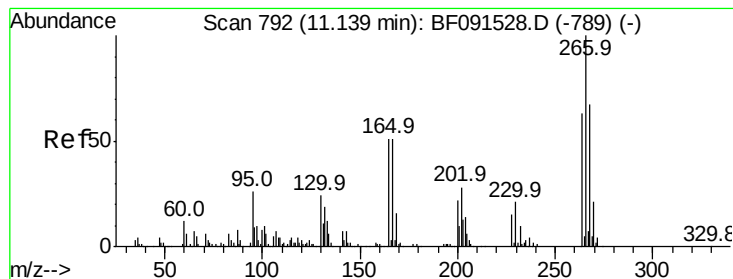
#68
Atrazine
Concen: 43.20 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	7.8	47.8
215	44.1	24.3	64.3



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





#69

Pentachlorophenol

Concen: 91.16 ng

RT: 11.12 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

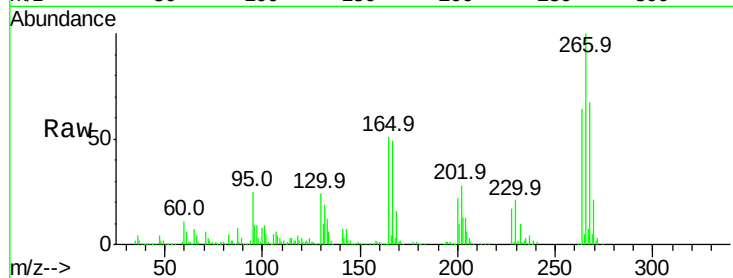
Tot Ion:266 Resp: 241151

Ion Ratio Lower Upper

266 100

268 66.8 50.3 75.5

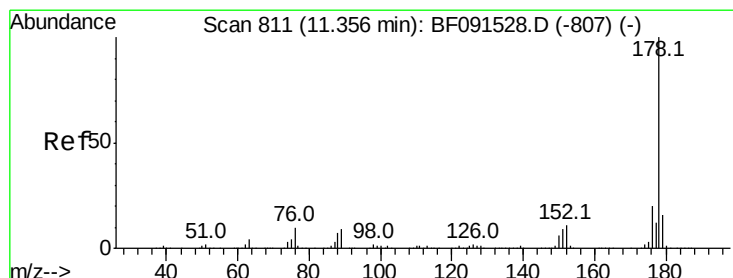
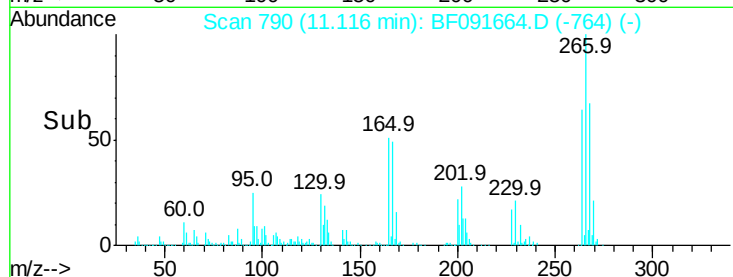
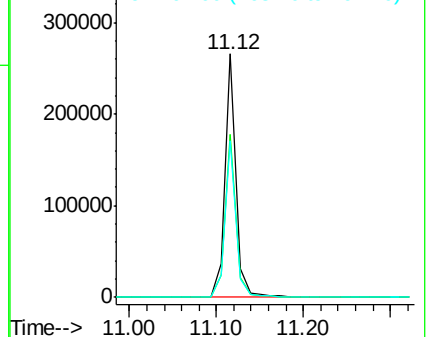
264 64.1 48.2 72.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 53.76 ng

RT: 11.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

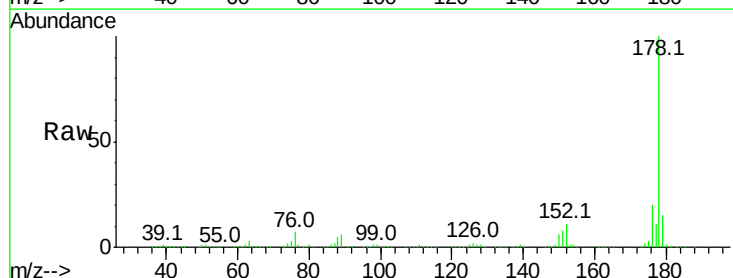
Tgt Ion:178 Resp: 1173842

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

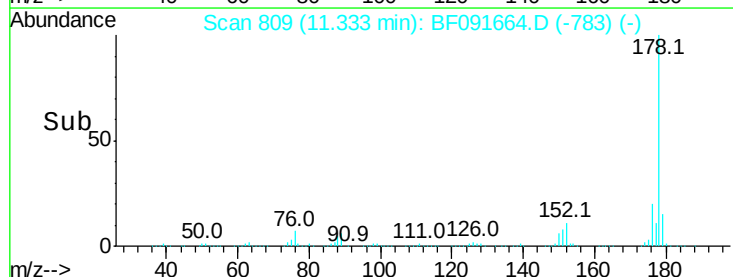
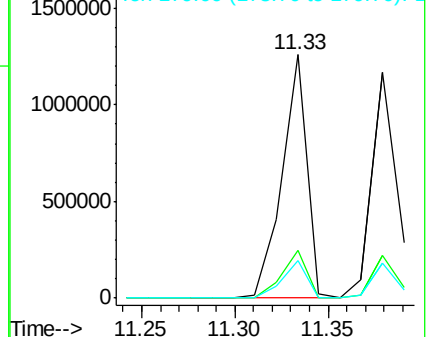
179 15.3 12.6 18.8

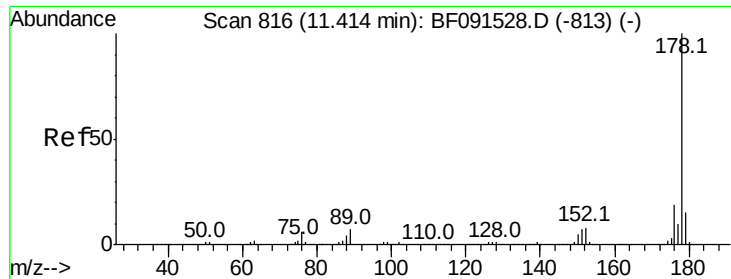


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

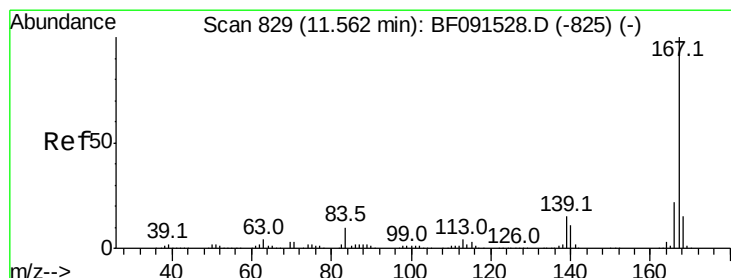
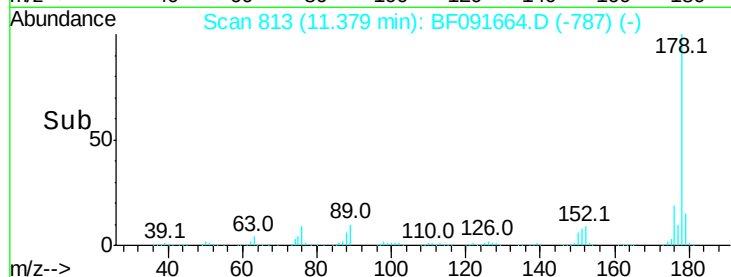
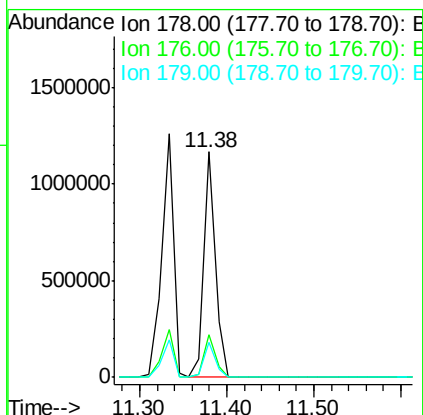
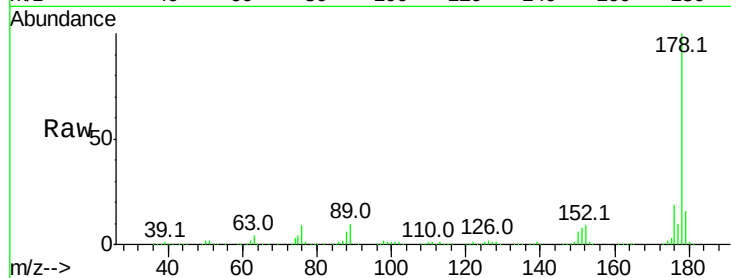




#71
 Anthracene
 Concen: 45.30 ng
 RT: 11.38 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

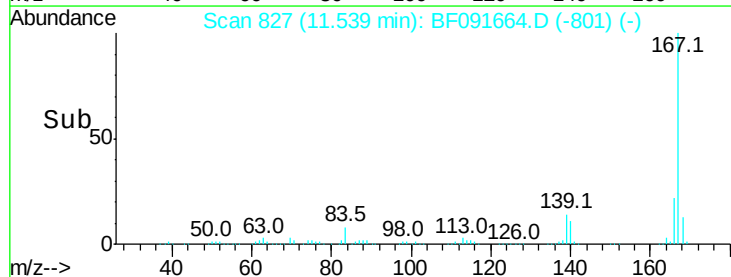
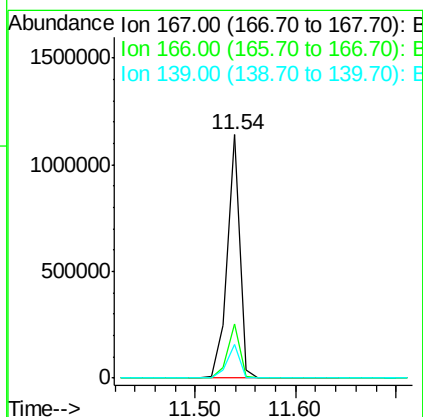
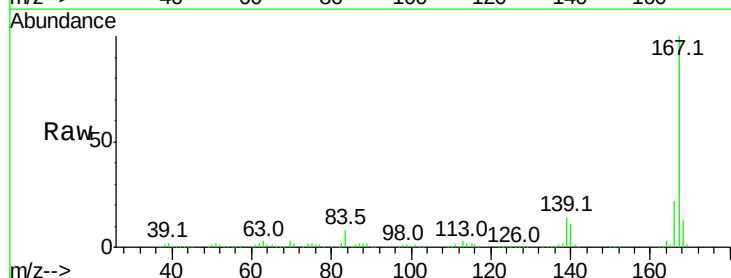
Instrument :
 BNA_F
 ClientSampleId :

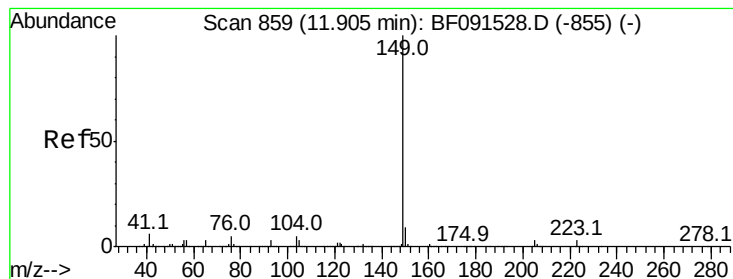
Tot Ion:178 Resp: 1066871
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 47.84 ng
 RT: 11.54 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion:167 Resp: 987513
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.6 11.5 17.3





#73

Di-n-butylphthalate

Concen: 55.48 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

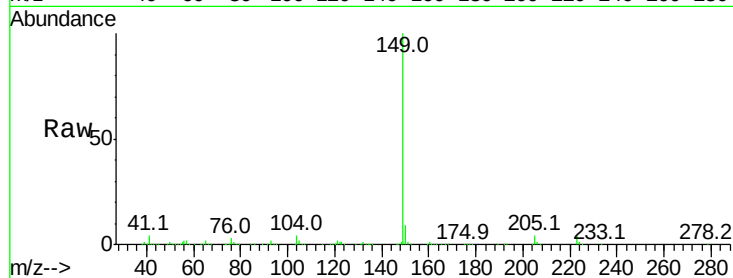
Tot Ion:149 Resp: 1334403

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

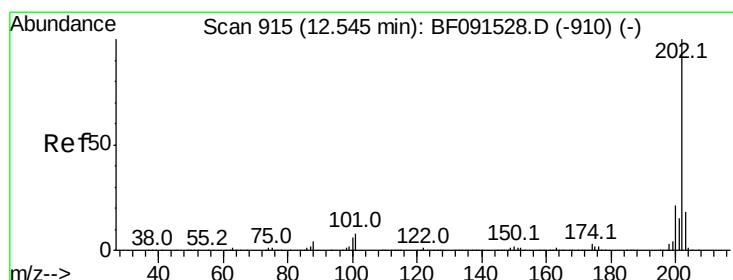
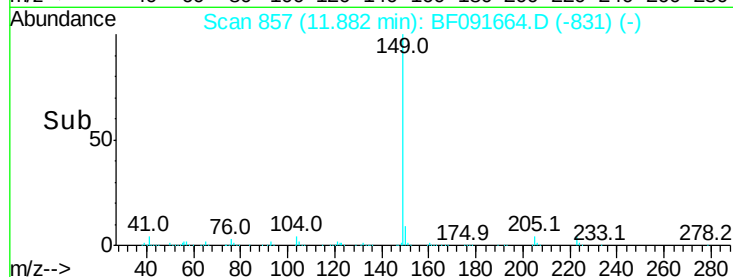
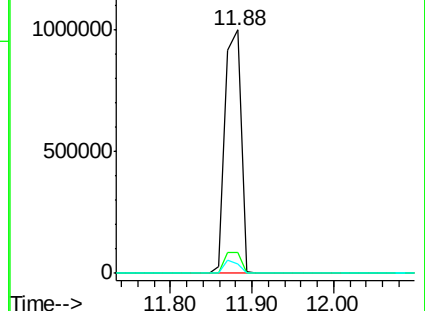
104 4.1 4.0 6.0



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: 44.32 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

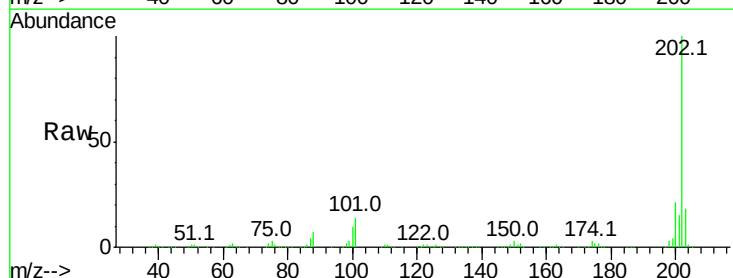
Tgt Ion:202 Resp: 1013313

Ion Ratio Lower Upper

202 100

101 13.9 0.0 29.5

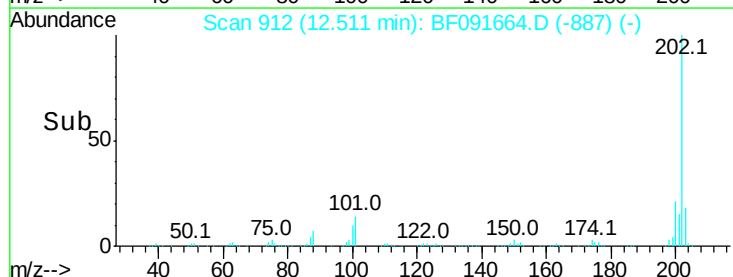
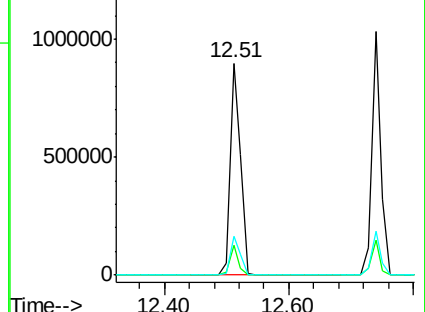
203 18.2 0.0 37.8

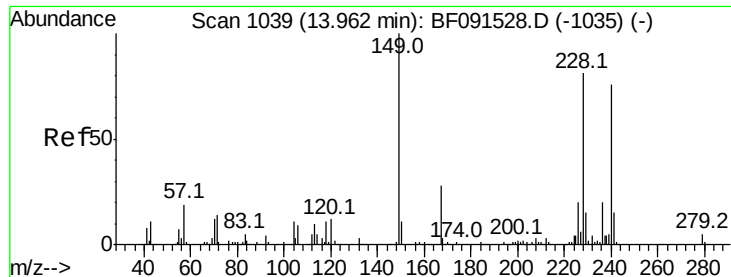


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

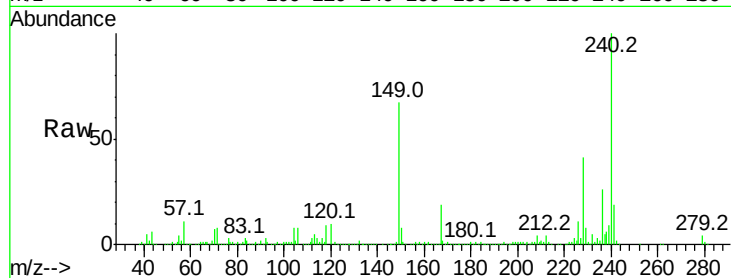
Tot Ion:240 Resp: 355402

Ion Ratio Lower Upper

240 100

120 10.4 12.1 18.1#

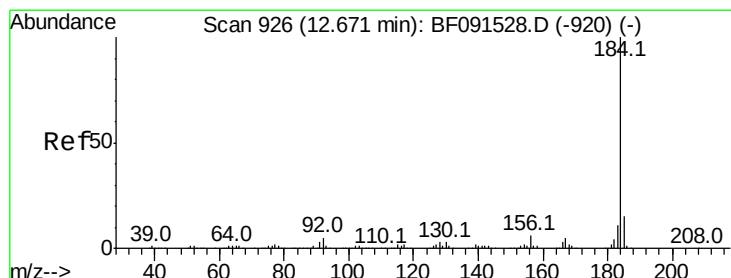
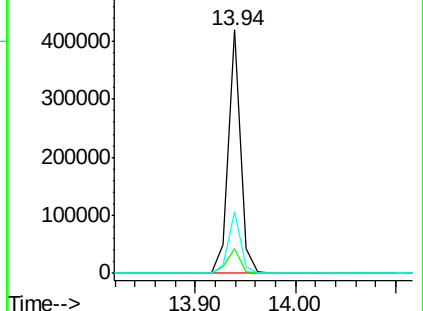
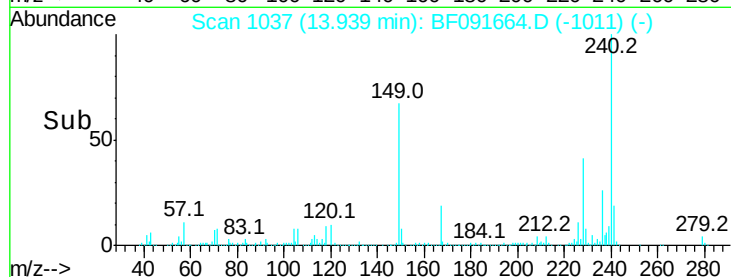
236 25.5 21.0 31.6



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: 13.37 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

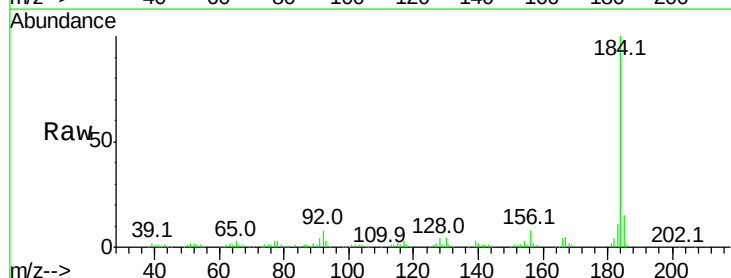
Tgt Ion:184 Resp: 146931

Ion Ratio Lower Upper

184 100

185 15.1 13.1 19.7

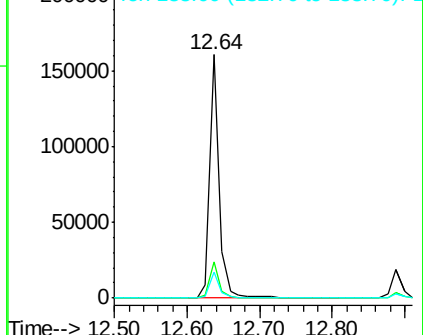
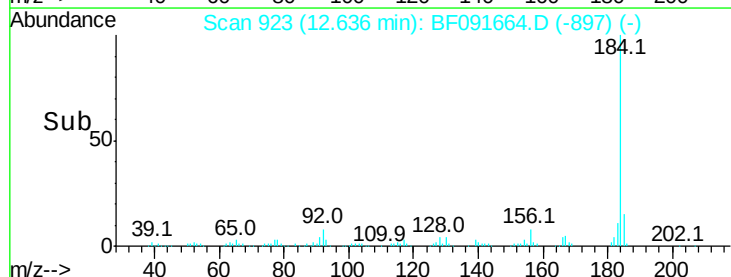
183 10.8 8.9 13.3

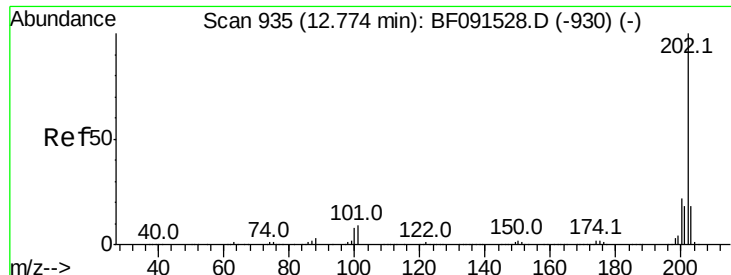


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

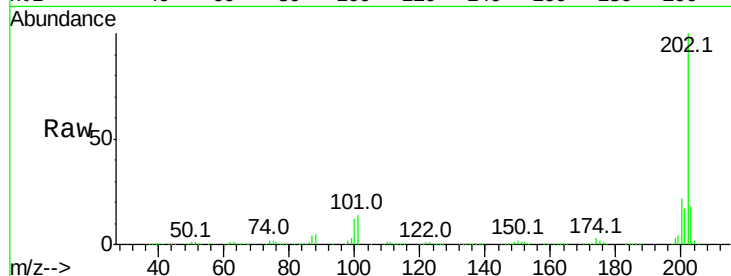




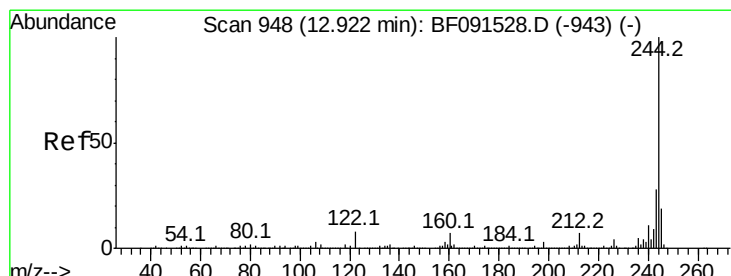
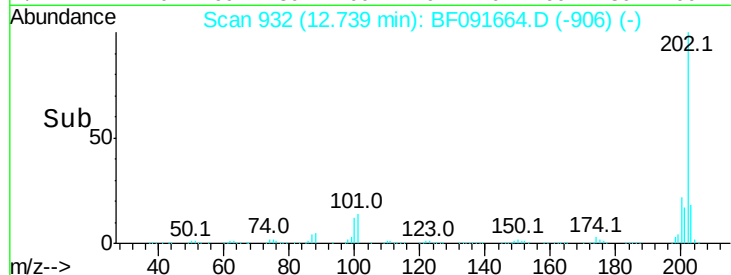
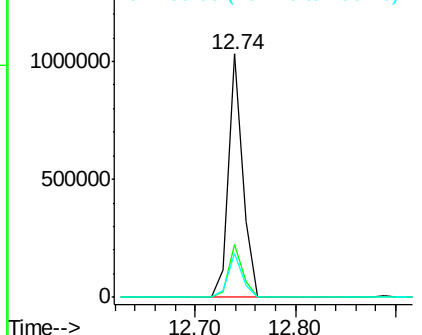
#77
Pvrene
Concen: 36.04 ng
RT: 12.74 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1016237
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.9 14.0 21.0

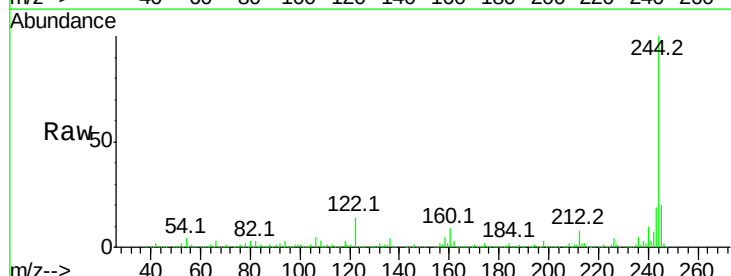


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

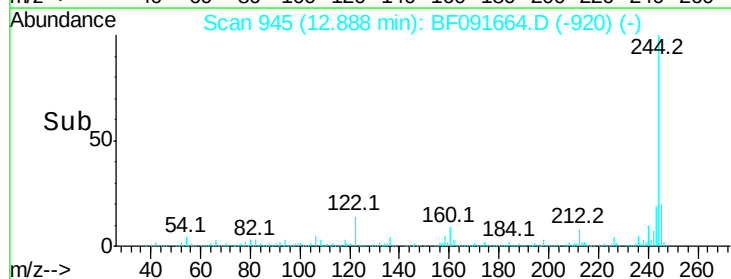
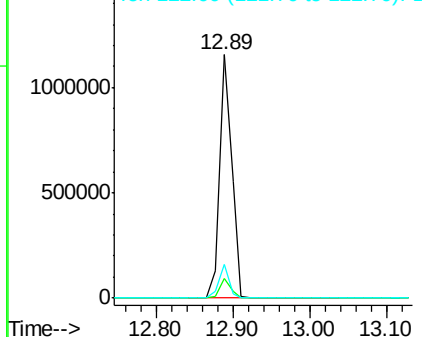


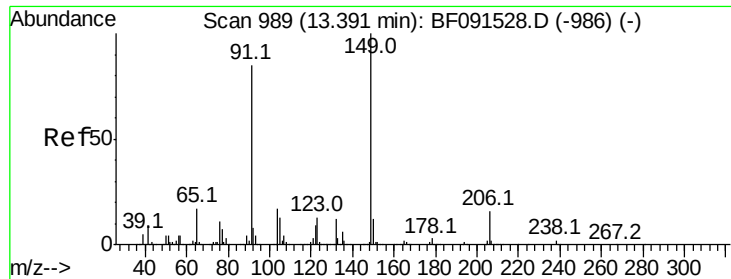
#78
Terphenyl-d14
Concen: 81.52 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion:244 Resp: 1276709
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 14.1 9.5 14.3



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

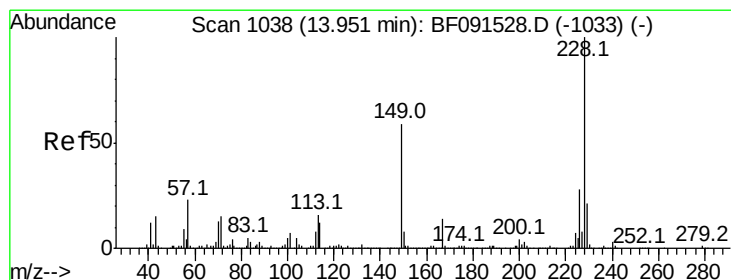
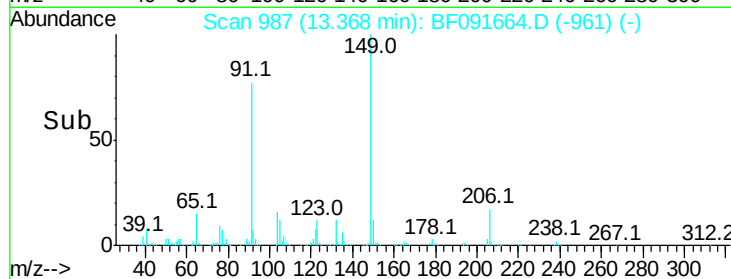
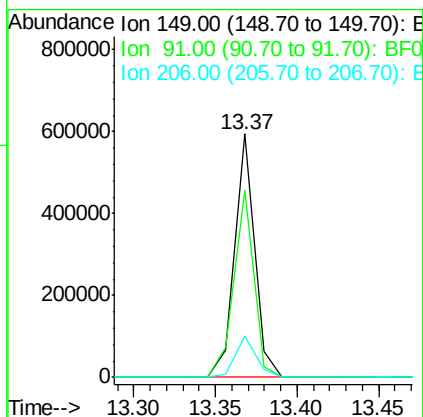
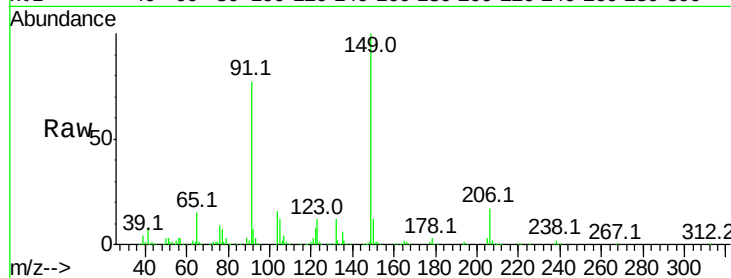




#79
Butylbenzylphthalate
Concen: 45.46 ng
RT: 13.37 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

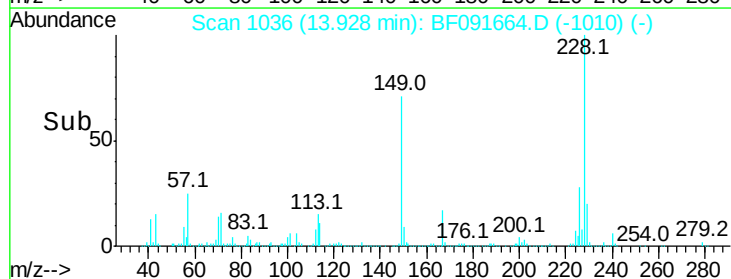
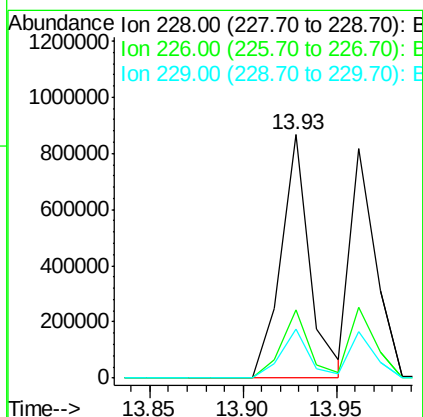
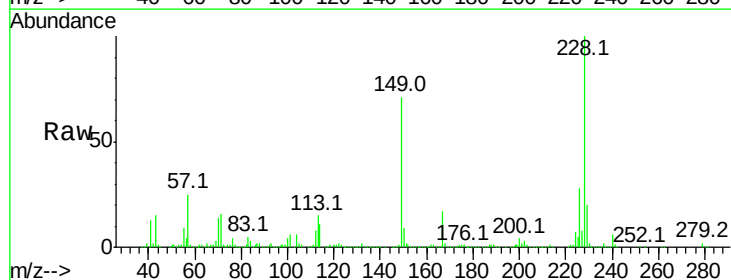
Instrument :
BNA_F
ClientSampleId :

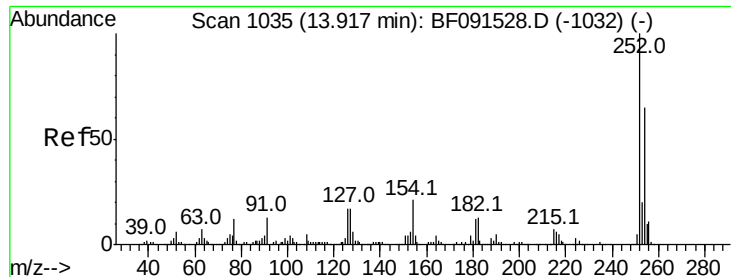
Tot Ion	Ratio	Lower	Upper
149	100		
91	77.1	57.4	86.2
206	17.2	15.4	23.2



#80
Benzo(a)anthracene
Concen: 45.03 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF091664.D
Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	20.1	16.4	24.6





#81

3,3'-Dichlorobenzidine

Concen: 22.14 ng

RT: 13.89 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

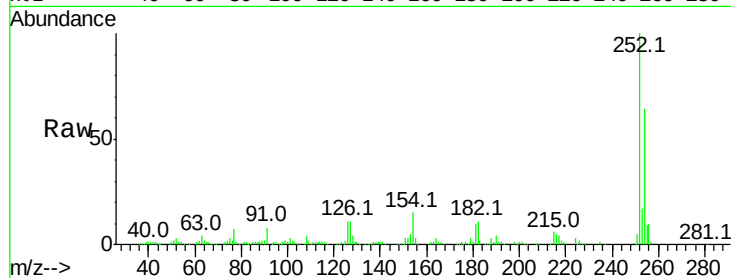
Tot Ion:252 Resp: 164057

Ion Ratio Lower Upper

252 100

254 63.8 52.1 78.1

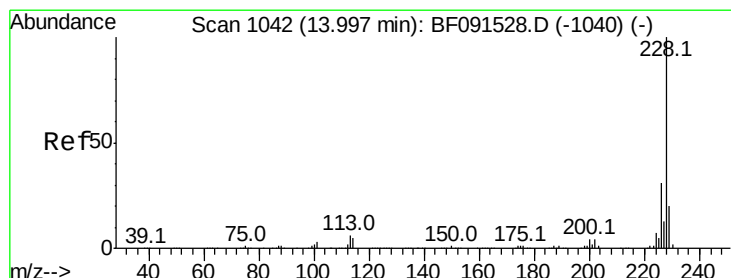
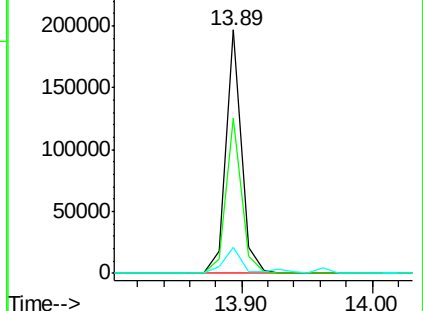
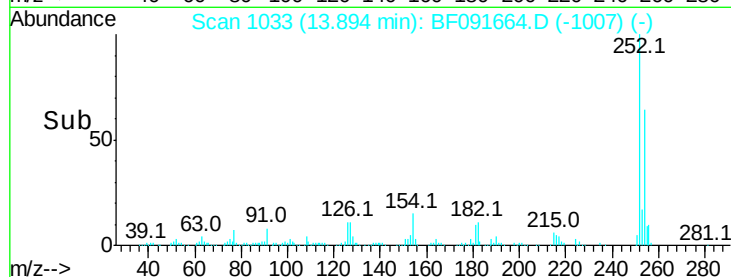
126 10.9 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 36.54 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

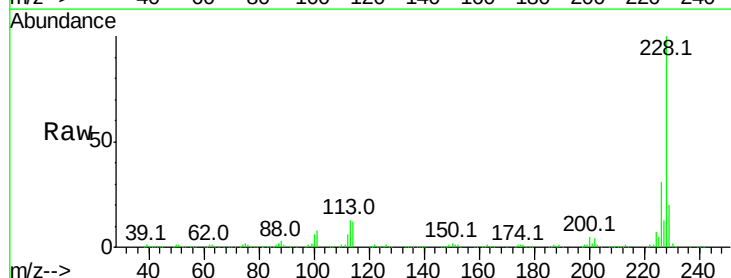
Tgt Ion:228 Resp: 789067

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

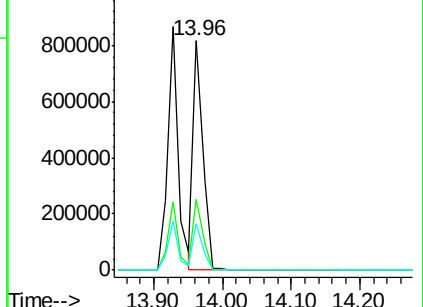
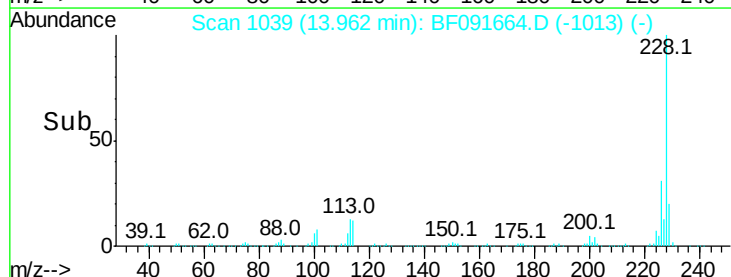
229 20.1 16.0 24.0

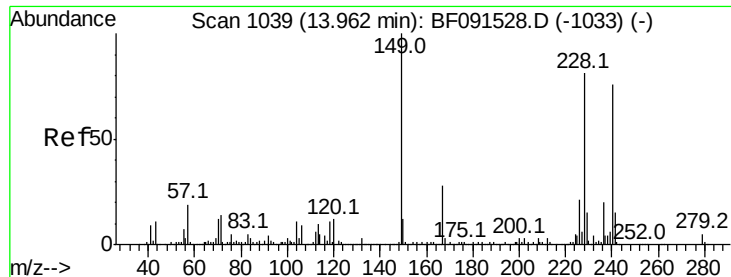


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.84 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

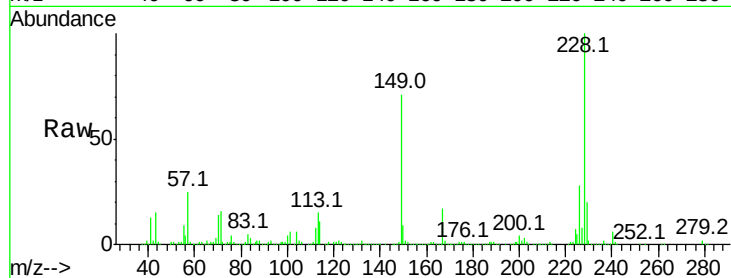
Tot Ion:149 Resp: 646457

Ion Ratio Lower Upper

149 100

167 24.6 19.6 29.4

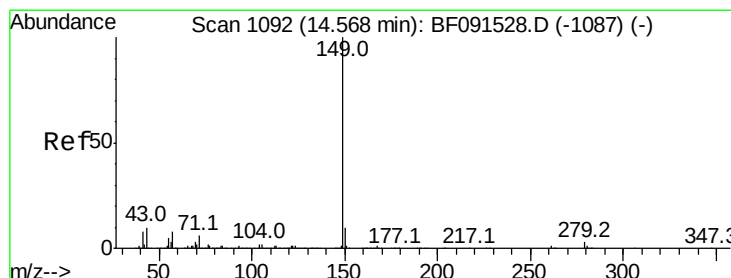
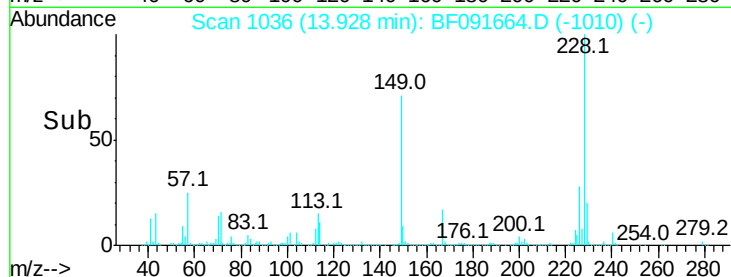
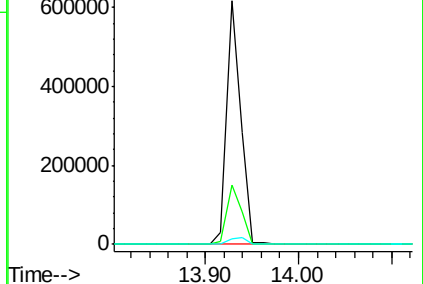
279 2.3 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.73 ng

RT: 14.55 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

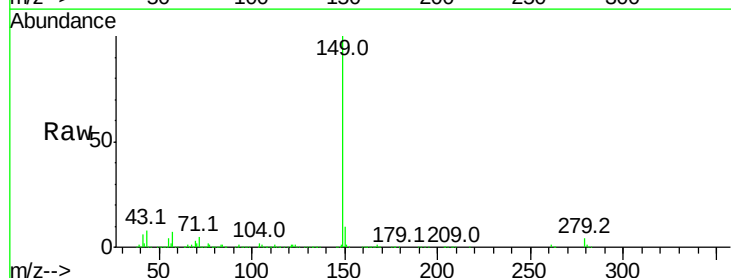
Tgt Ion:149 Resp: 1214306

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

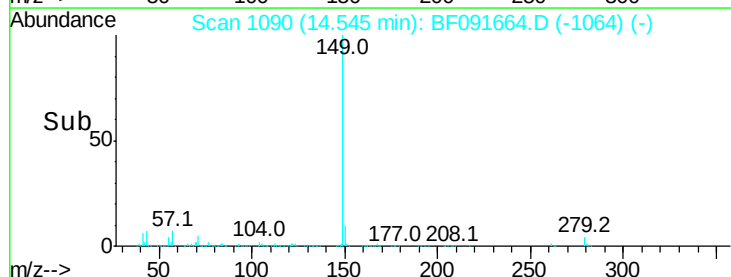
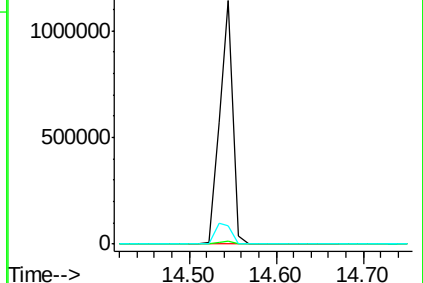
43 10.8 11.9 17.9#

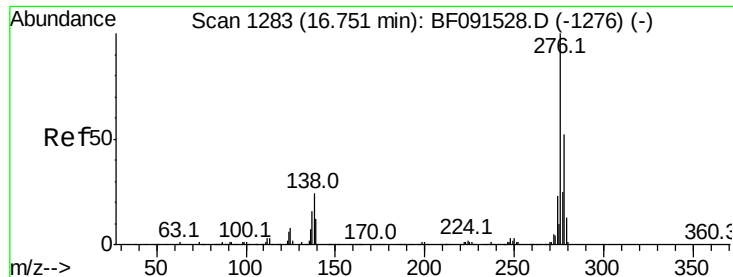


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

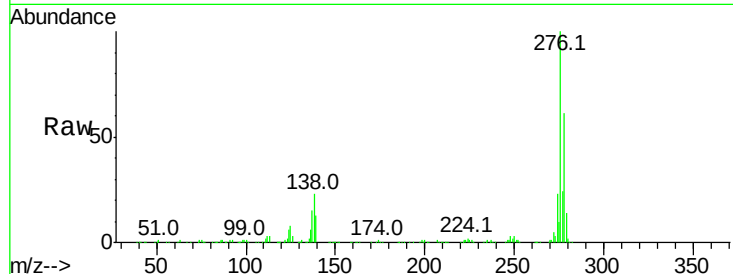




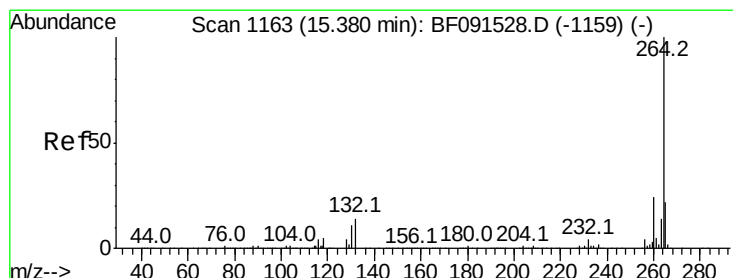
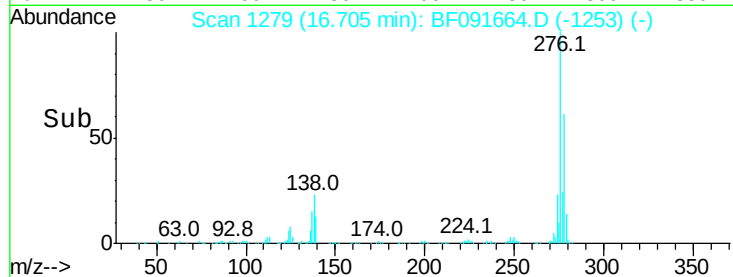
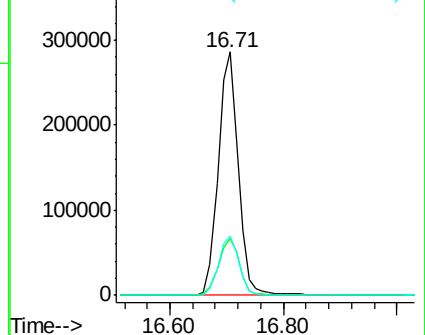
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.92 ng
 RT: 16.71 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	21.0	31.4
277	25.0	20.2	30.2

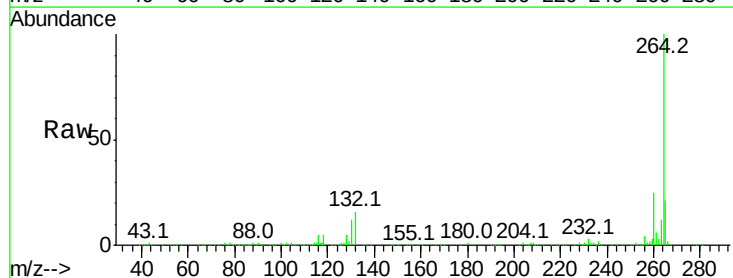


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

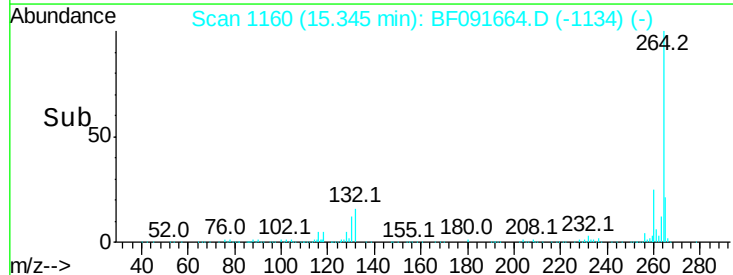
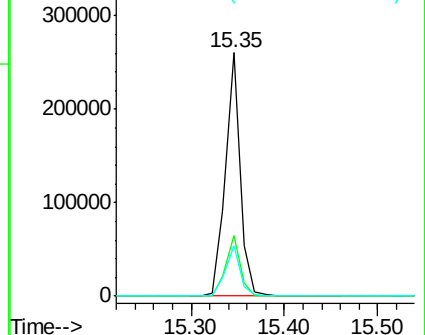


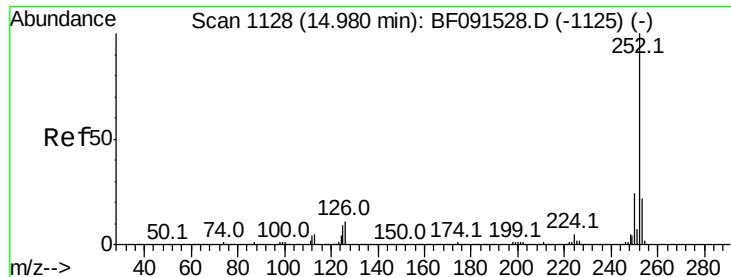
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF091664.D
 Acq: 16 Dec 2016 9:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.8	28.2
265	20.9	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 96.57 ng

RT: 14.98 min Scan# 1128

Delta R.T. 0.03 min

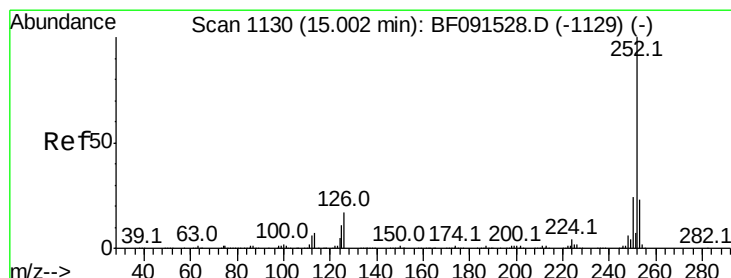
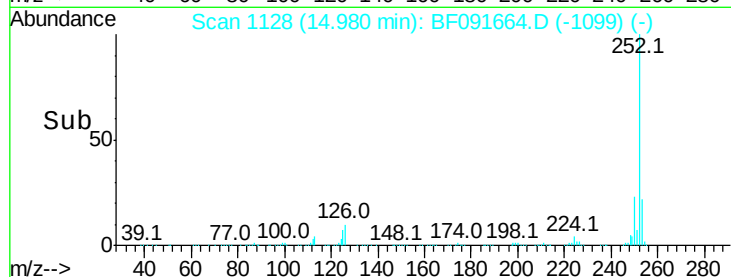
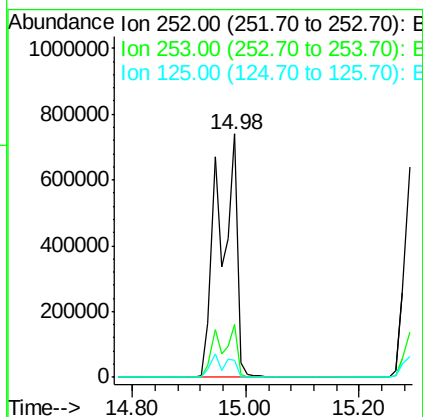
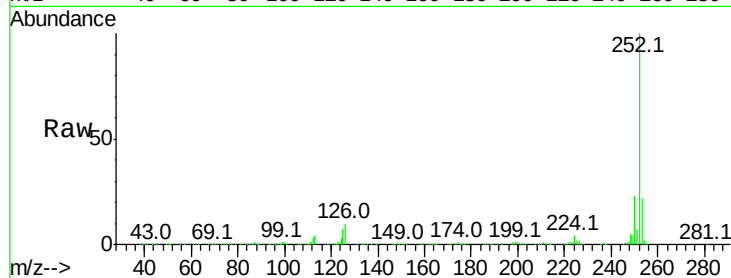
Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1657871

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	6.9	8.6	13.0#



#88

Benzo(k)fluoranthene

Concen: 109.83 ng

RT: 14.98 min Scan# 1128

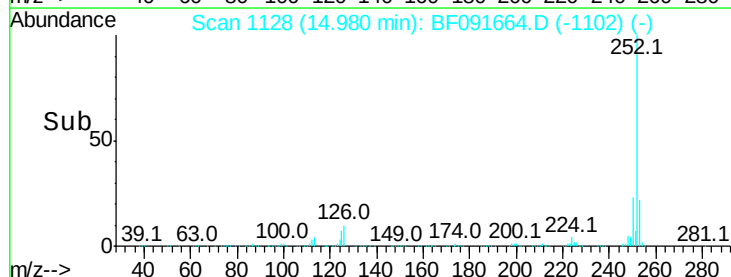
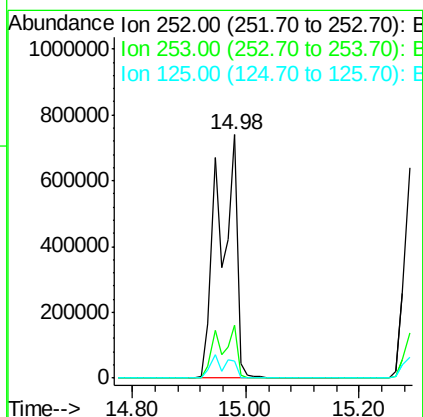
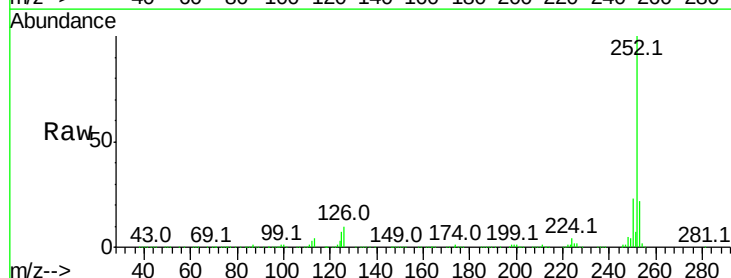
Delta R.T. 0.00 min

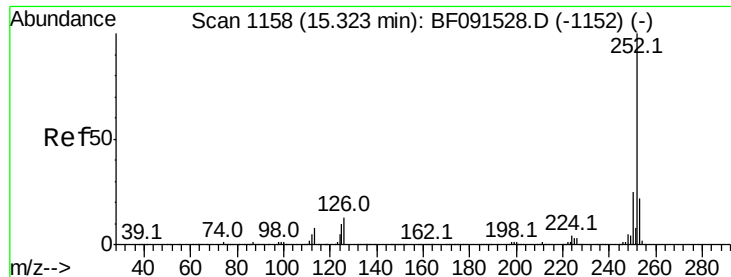
Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Tgt Ion:252 Resp: 1657871

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	6.9	9.6	14.4#





#89

Benzo(a)pyrene

Concen: 48.50 ng

RT: 15.29 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :

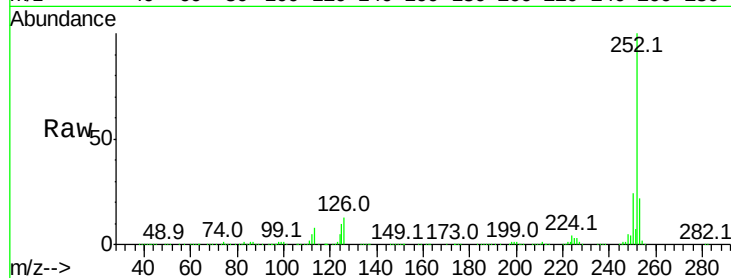
Tot Ion:252 Resp: 750171

Ion Ratio Lower Upper

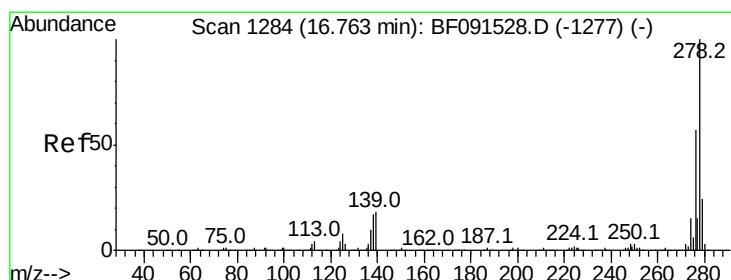
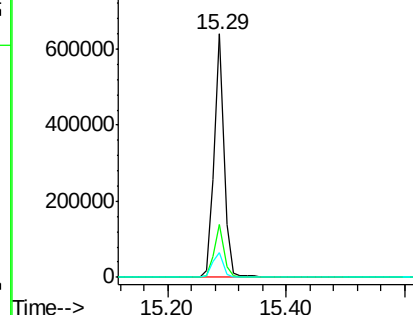
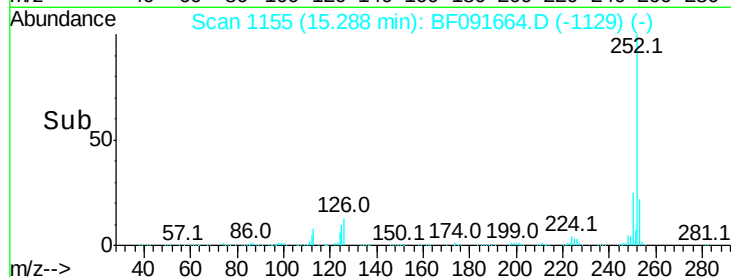
252 100

253 21.6 18.2 27.4

125 9.9 10.4 15.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 41.80 ng

RT: 16.72 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

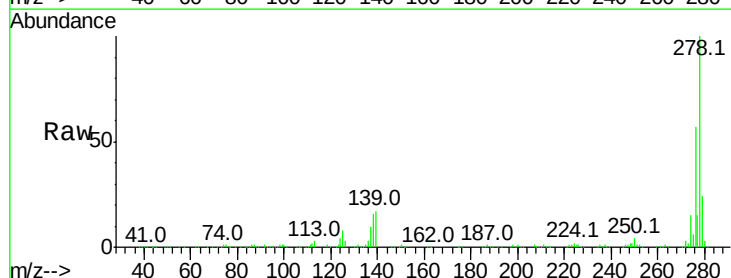
Tgt Ion:278 Resp: 579172

Ion Ratio Lower Upper

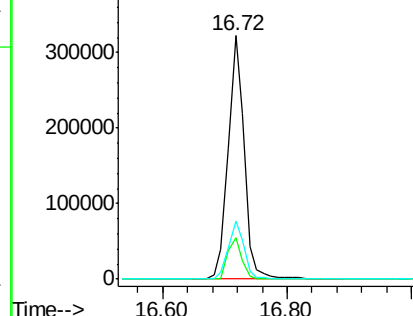
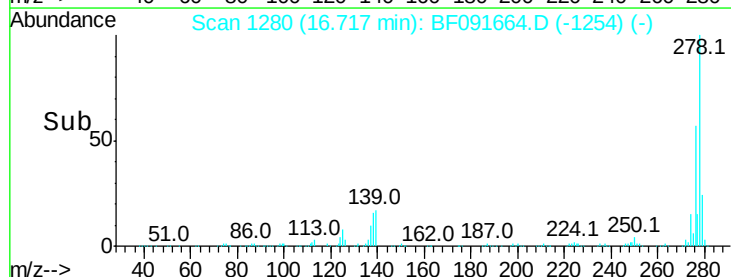
278 100

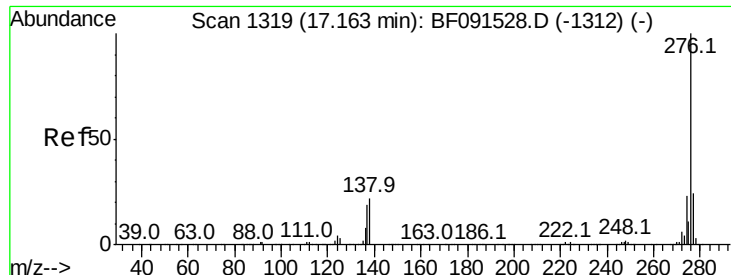
139 17.1 15.1 22.7

279 23.8 19.0 28.6



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





#91

Benzo(a,h,i)perylene

Concen: 40.41 ng

RT: 17.12 min Scan# 1315

Delta R.T. 0.00 min

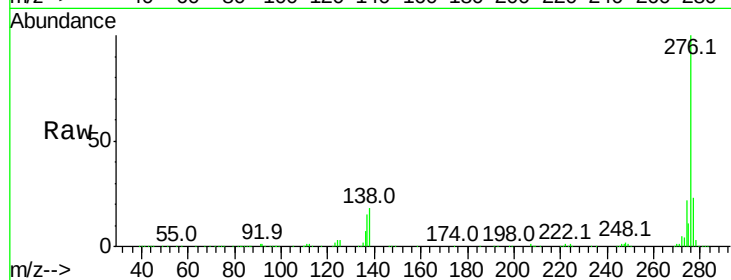
Lab File: BF091664.D

Acq: 16 Dec 2016 9:18

Instrument :

BNA_F

ClientSampleId :



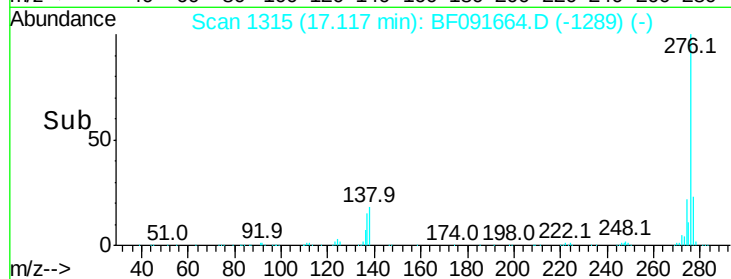
Tot Ion: 276 Resp: 569796

Ion Ratio Lower Upper

276 100

277 22.5 19.0 28.4

138 18.2 15.4 23.0



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

