

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
 Data File : BF091527.D
 Acq On : 9 Dec 2016 14:49
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 09 16:03:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 15:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	256912	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1036181	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	510904	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	872867	20.00	ng	0.00
75) Chrysene-d12	13.96	240	648561	20.00	ng	0.00
86) Perylene-d12	15.38	264	605052	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	841702	53.52	ng	0.00
7) Phenol-d6	6.45	99	1036621	53.55	ng	0.00
23) Nitrobenzene-d5	7.38	82	990606	53.58	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	221283	45.75	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1444461	51.19	ng	-0.01
78) Terphenyl-d14	12.91	244	1343530	45.03	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	205359	28.86	ng	# 85
3) Pyridine	3.10	79	581334	28.87	ng	# 80
4) n-Nitrosodimethylamine	3.05	42	241562	22.87	ng	# 68
6) Aniline	6.48	93	682430	26.54	ng	# 64
8) 2-Chlorophenol	6.60	128	458748	26.61	ng	94
9) Benzaldehyde	6.35	77	326491	26.23	ng	94
10) Phenol	6.46	94	623696	27.38	ng	93
11) bis(2-Chloroethyl)ether	6.54	93	420011	25.80	ng	94
12) 1,3-Dichlorobenzene	6.83	146	503006	26.22	ng	97
13) 1,4-Dichlorobenzene	6.83	146	503006	26.36	ng	97
14) 1,2-Dichlorobenzene	6.98	146	440081	24.76	ng	98
15) Benzyl Alcohol	6.96	79	403589	26.05	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	680691	19.45	ng	79
17) 2-Methylphenol	7.07	107	349852	25.67	ng	# 77
18) Hexachloroethane	7.33	117	186519	27.53	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	314592	25.79	ng	# 82
20) 3+4-Methylphenols	7.23	107	460992	27.71	ng	# 73
22) Acetophenone	7.23	105	639031	26.02	ng	95
24) Nitrobenzene	7.40	77	498701	26.34	ng	# 73
25) Isophorone	7.64	82	862116	26.32	ng	97
26) 2-Nitrophenol	7.71	139	209019	24.23	ng	97
27) 2,4-Dimethylphenol	7.76	122	382165	23.68	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	474930	24.09	ng	99
29) 2,4-Dichlorophenol	7.96	162	355093	25.01	ng	93
30) 1,2,4-Trichlorobenzene	8.04	180	399597	25.11	ng	99
31) Naphthalene	8.12	128	1312563	26.65	ng	100
32) Benzoic acid	7.86	122	236034	19.84	ng	98
33) 4-Chloroaniline	8.17	127	518895	24.65	ng	96
34) Hexachlorobutadiene	8.25	225	234184	23.93	ng	98
35) Caprolactam	8.53	113	107439	26.33	ng	# 52
36) 4-Chloro-3-methylphenol	8.66	107	384458	25.08	ng	86
37) 2-Methylnaphthalene	8.81	142	778515	23.27	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	362200	25.15	ng	100
40) Hexachlorocyclopentadiene	8.97	237	170081	25.48	ng	98

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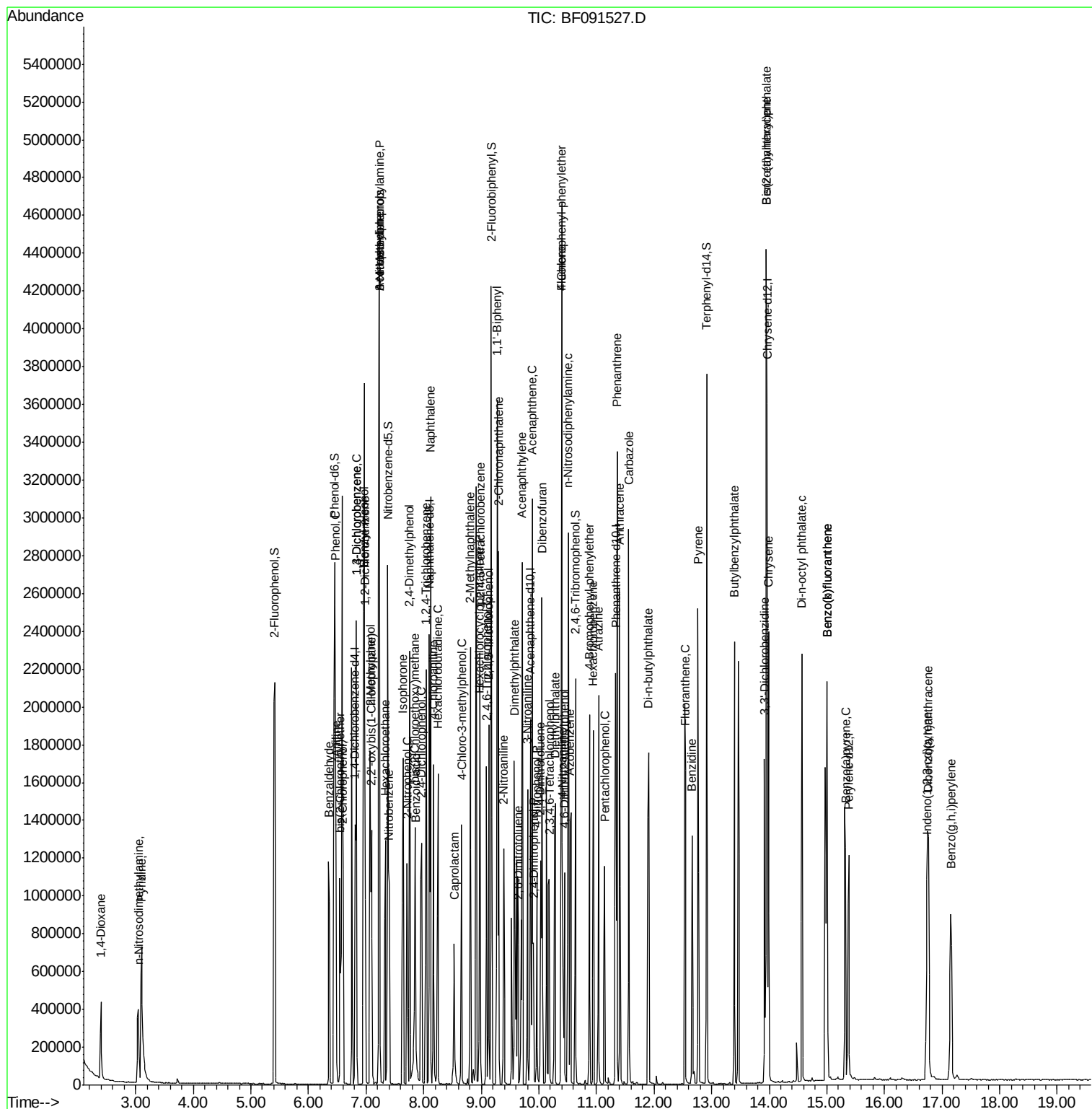
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	248319	26.53	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	251696	26.83	nq	# 86
45) 1,1'-Biphenyl	9.28	154	1036828	28.22	nq	97
46) 2-Chloronaphthalene	9.30	162	766748	28.03	nq	99
47) 2-Nitroaniline	9.39	65	227399	23.14	nq	# 81
48) Acenaphthylene	9.71	152	1131789	26.28	nq	99
49) Dimethylphthalate	9.57	163	830618	26.85	nq	98
50) 2,6-Dinitrotoluene	9.64	165	185582	26.84	nq	# 60
51) Acenaphthene	9.88	154	734842	25.30	nq	98
52) 3-Nitroaniline	9.80	138	209606	26.19	nq	91
53) 2,4-Dinitrophenol	9.90	184	75930	25.11	nq	86
54) Dibenzofuran	10.05	168	972919	25.01	nq	98
55) 4-Nitrophenol	9.96	139	151486	26.21	nq	96
56) 2,4-Dinitrotoluene	10.03	165	234013	26.09	nq	# 41
57) Fluorene	10.40	166	762898	25.55	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	201014	25.09	nq	97
59) Diethylphthalate	10.28	149	865445	28.34	nq	94
60) 4-Chlorophenyl-phenylether	10.40	204	371899	24.83	nq	95
61) 4-Nitroaniline	10.41	138	227251	30.24	nq	83
62) Azobenzene	10.54	77	935137	30.01	nq	85
64) 4,6-Dinitro-2-methylphenol	10.44	198	124521	25.89	nq	# 65
65) n-Nitrosodiphenylamine	10.51	169	688089	26.00	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	216507	23.08	nq	# 85
67) Hexachlorobenzene	10.94	284	239408	23.62	nq	# 86
68) Atrazine	11.04	200	202363	23.61	nq	97
69) Pentachlorophenol	11.14	266	138349	23.18	nq	95
70) Phenanthrene	11.36	178	1209630	26.67	nq	100
71) Anthracene	11.40	178	1135138	25.22	nq	99
72) Carbazole	11.56	167	1093381	26.77	nq	99
73) Di-n-butylphthalate	11.91	149	1278426	27.62	nq	99
74) Fluoranthene	12.55	202	1181817	27.51	nq	96
76) Benzidine	12.66	184	505747	26.56	nq	98
77) Pyrene	12.76	202	1174467	23.86	nq	99
79) Butylbenzylphthalate	13.39	149	493784	26.79	nq	89
80) Benzo(a)anthracene	13.95	228	942765	24.86	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	335304	25.09	nq	# 96
82) Chrysene	13.99	228	883906	23.55	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	640320	27.41	nq	# 99
84) Di-n-octyl phthalate	14.57	149	1133719	32.07	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.74	276	871398	25.35	nq	99
87) Benzo(b)fluoranthene	15.00	252	1771927	47.12	nq	98
88) Benzo(k)fluoranthene	15.00	252	1772314	56.04	nq	98
89) Benzo(a)pyrene	15.32	252	854907	25.31	nq	# 93
90) Dibenzo(a,h)anthracene	16.76	278	744370	23.83	nq	98
91) Benzo(g,h,i)perylene	17.15	276	747152	23.20	nq	# 96

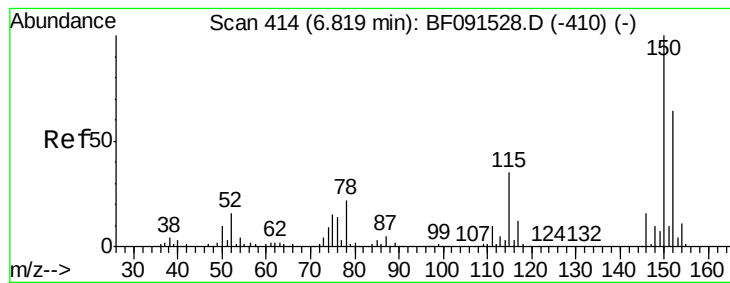
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampleId :

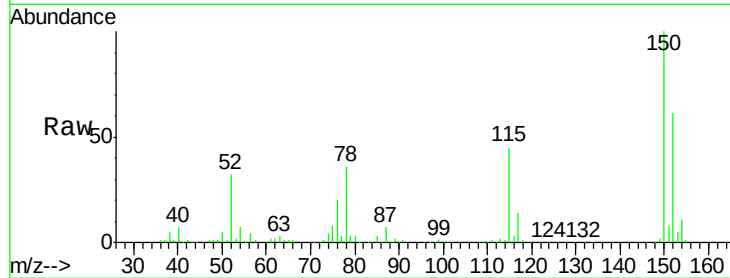
Tot Ion:152 Resp: 256912

Ion Ratio Lower Upper

152 100

150 163.7 122.5 183.7

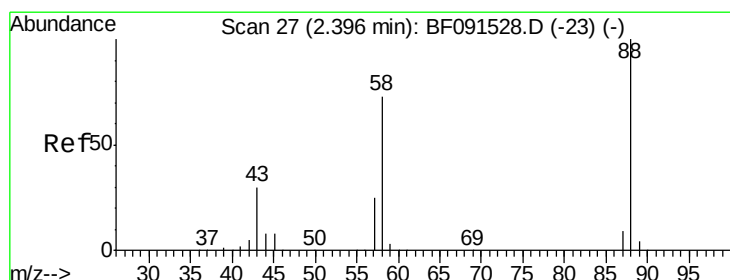
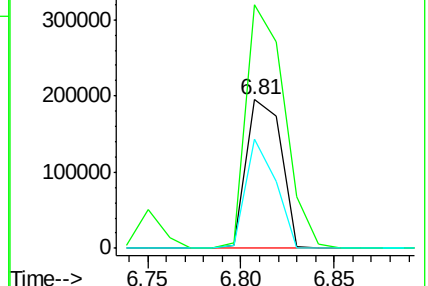
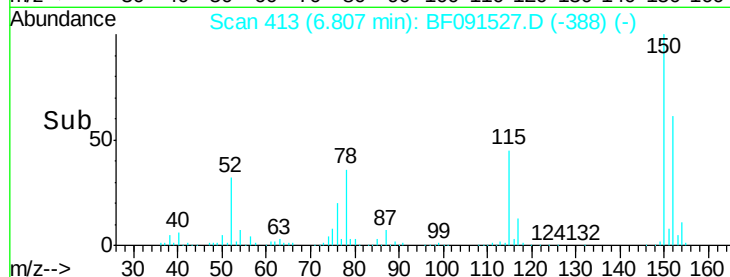
115 73.8 51.8 77.8



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: 28.86 ng

RT: 2.40 min Scan# 27

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

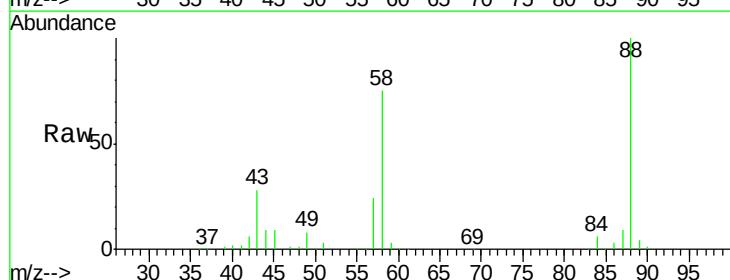
Tgt Ion: 88 Resp: 205359

Ion Ratio Lower Upper

88 100

58 73.9 70.3 105.5

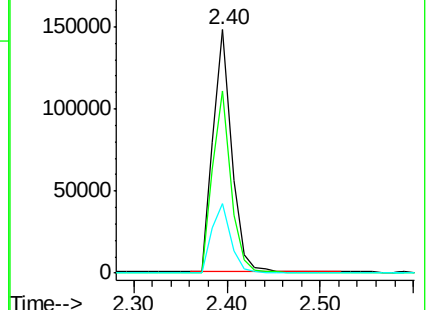
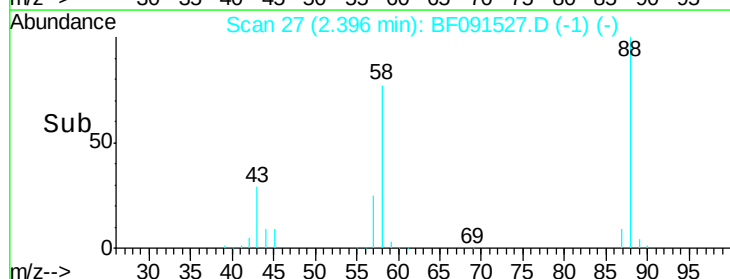
43 29.4 31.3 46.9#

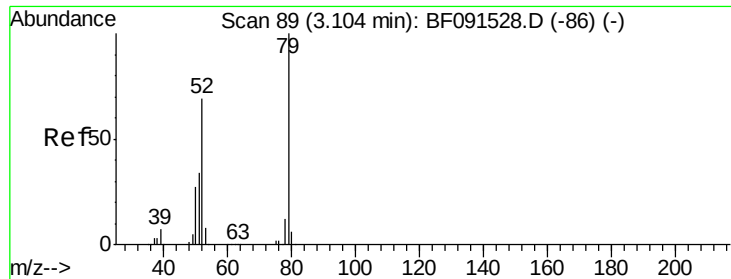


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 28.87 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampleId :

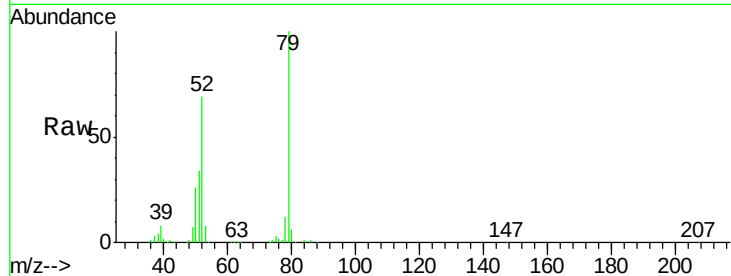
Tot Ion: 79 Resp: 581334

Ion Ratio Lower Upper

79 100

52 69.5 71.0 106.4#

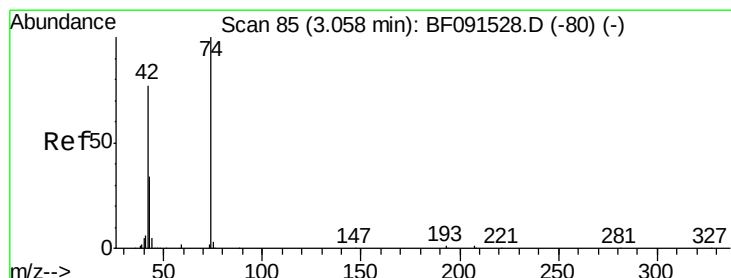
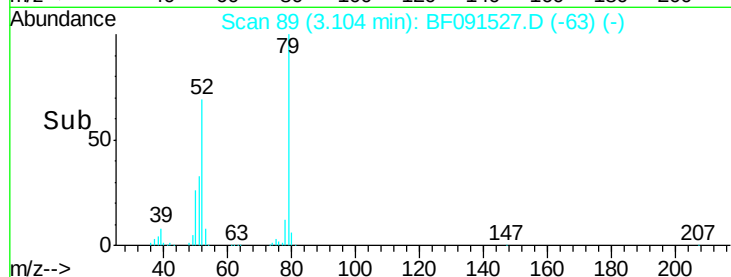
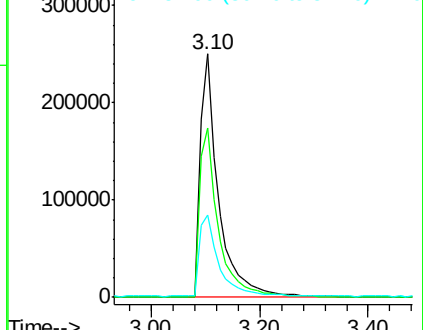
51 34.0 37.0 55.4#



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: 22.87 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

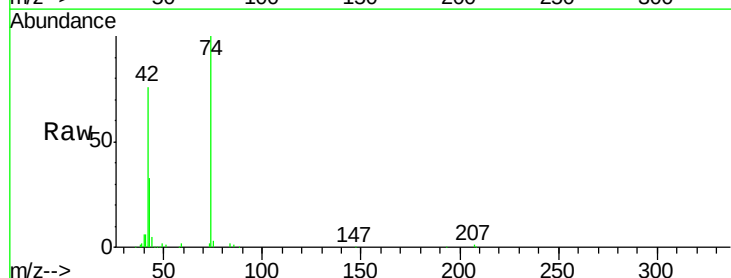
Tgt Ion: 42 Resp: 241562

Ion Ratio Lower Upper

42 100

74 132.1 78.9 118.3#

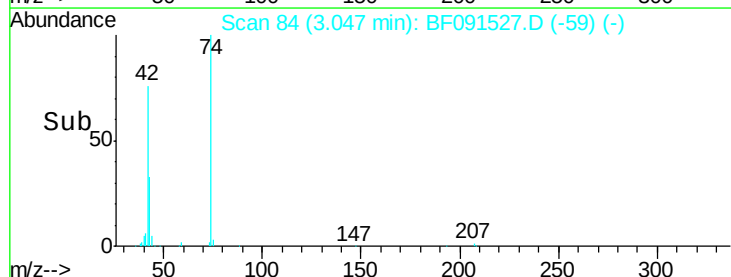
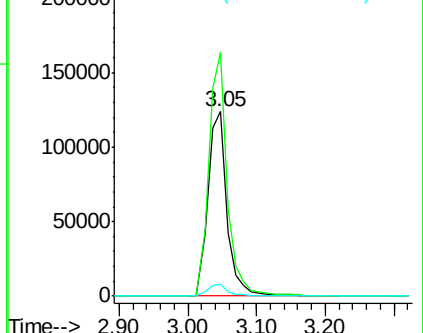
44 6.5 5.8 8.6

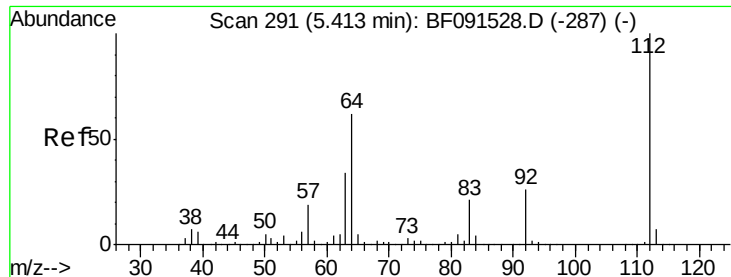


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 53.52 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampled :

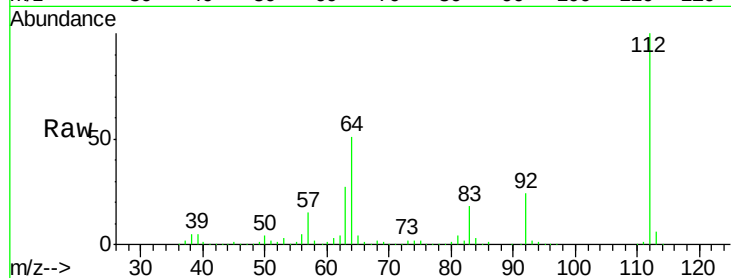
Tot Ion:112 Resp: 841702

Ion Ratio Lower Upper

112 100

64 51.5 61.5 92.3#

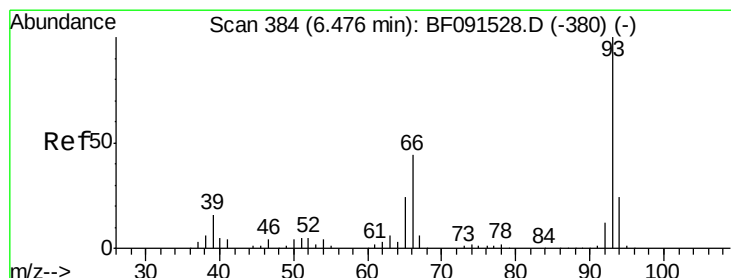
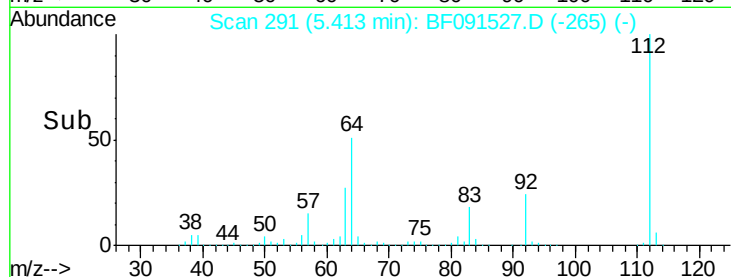
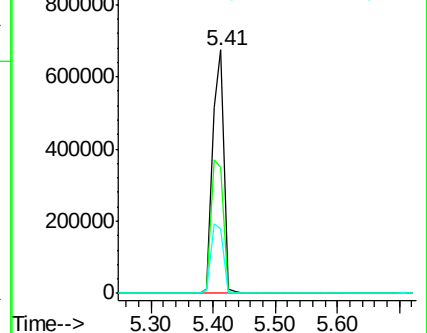
63 26.7 33.3 49.9#



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: 26.54 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

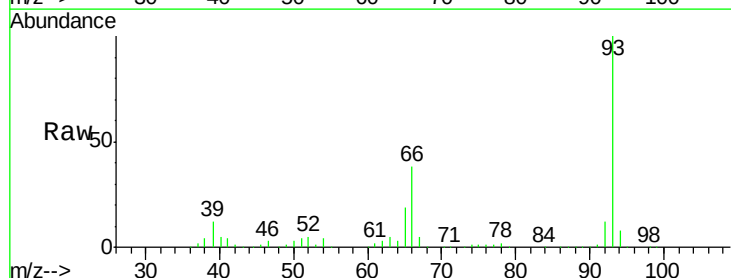
Tgt Ion: 93 Resp: 682430

Ion Ratio Lower Upper

93 100

66 38.2 55.8 83.6#

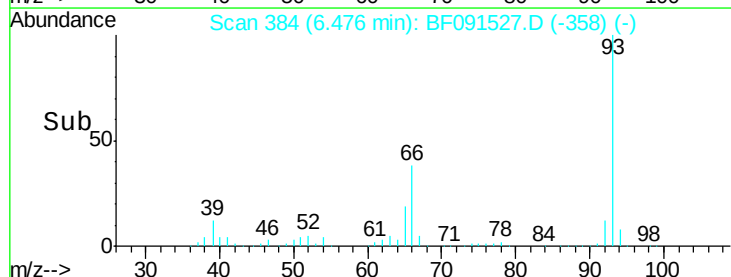
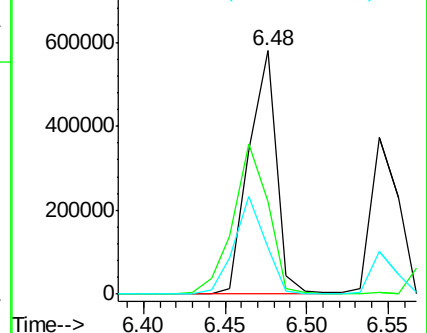
65 19.2 29.9 44.9#

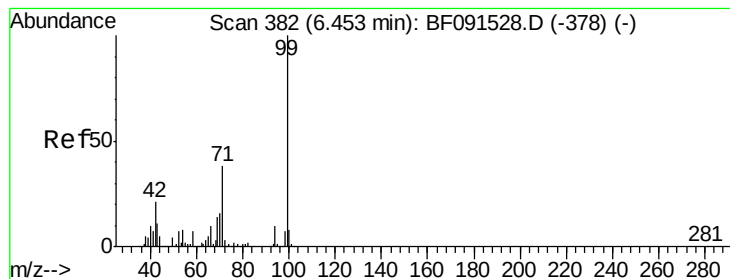


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 53.55 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

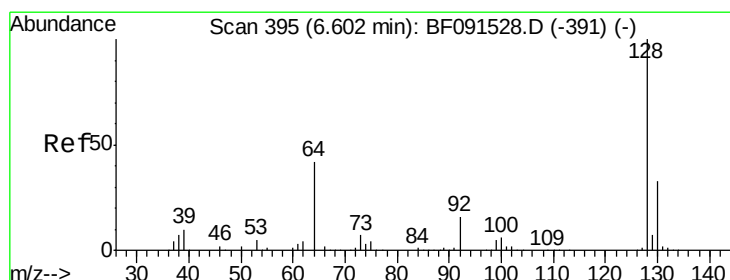
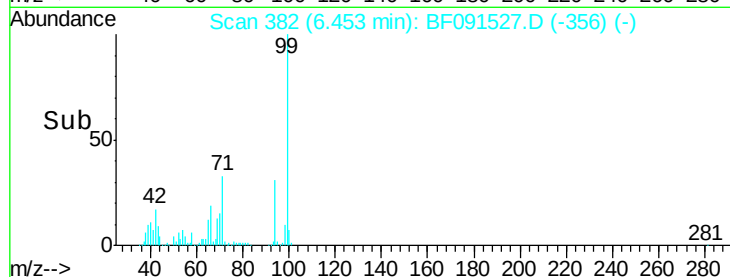
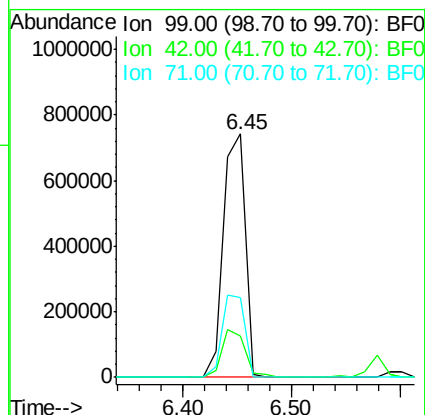
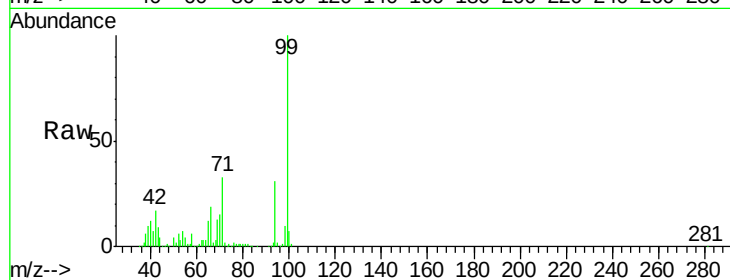
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1036621

Ion	Ratio	Lower	Upper
99	100		
42	16.7	20.6	31.0#
71	32.8	29.9	44.9



#8

2-Chlorophenol

Concen: 26.61 ng

RT: 6.60 min Scan# 395

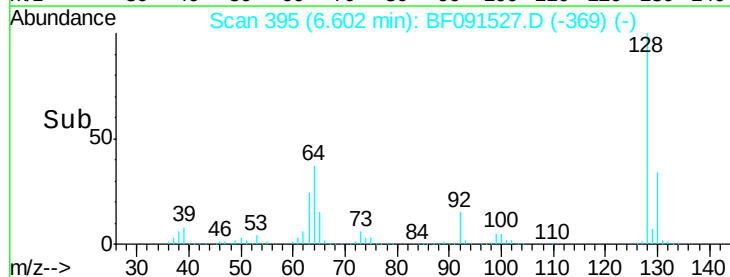
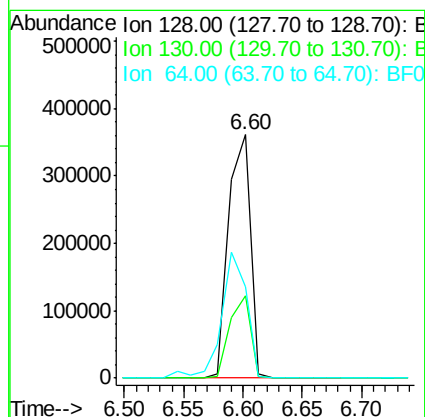
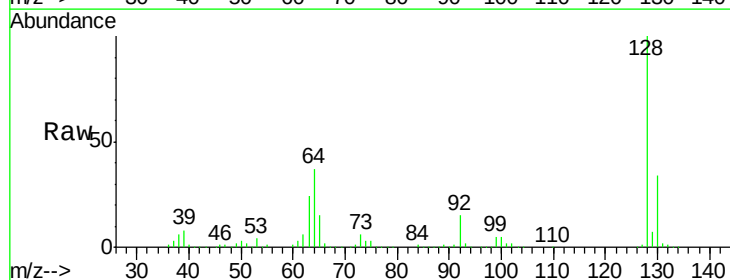
Delta R.T. 0.00 min

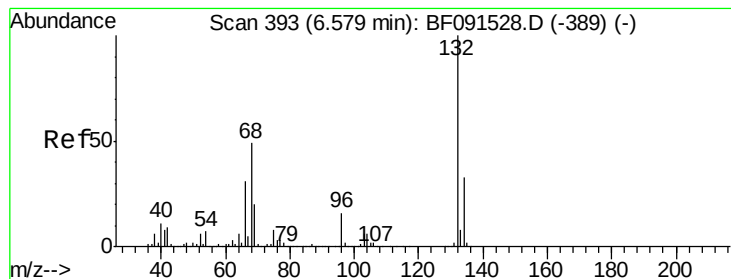
Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Tgt Ion: 128 Resp: 458748

Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.1	53.1
64	37.4	24.1	64.1





#9

Benzaldehyde

Concen: 26.23 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampleId :

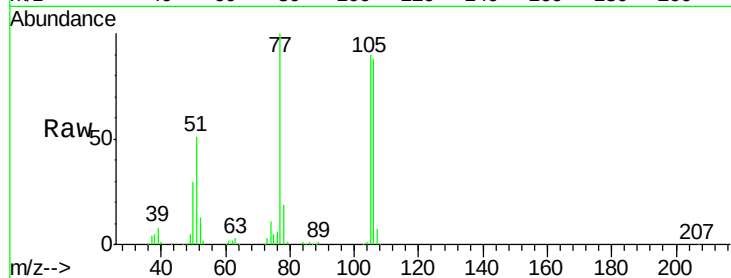
Tot Ion: 77 Resp: 326491

Ion Ratio Lower Upper

77 100

105 89.9 66.4 106.4

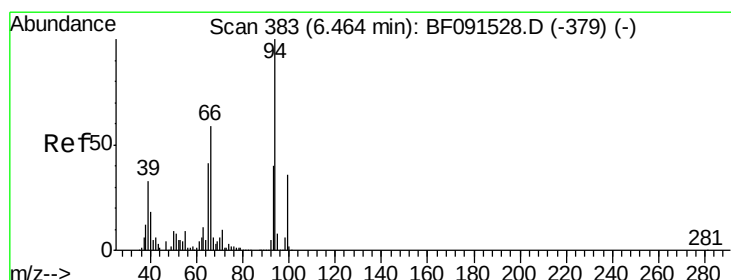
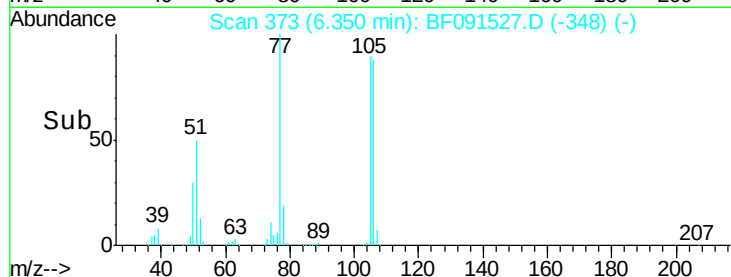
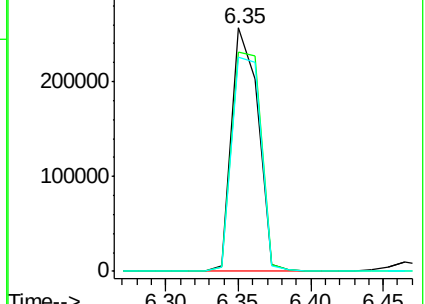
106 87.8 60.9 100.9



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: 27.38 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

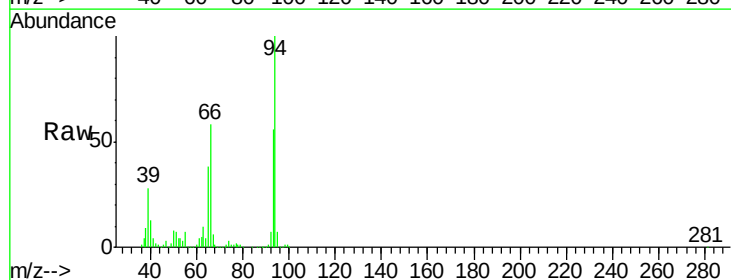
Tgt Ion: 94 Resp: 623696

Ion Ratio Lower Upper

94 100

65 37.8 16.9 56.9

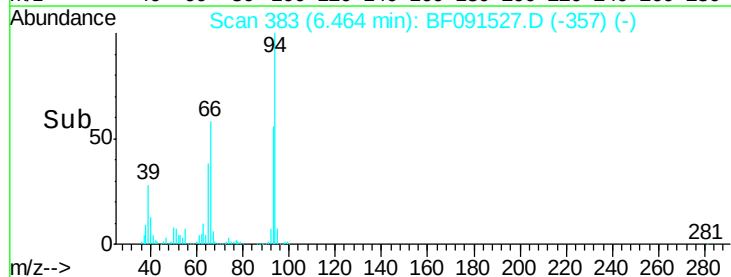
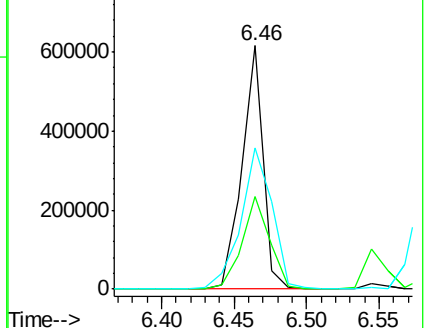
66 58.1 30.6 70.6

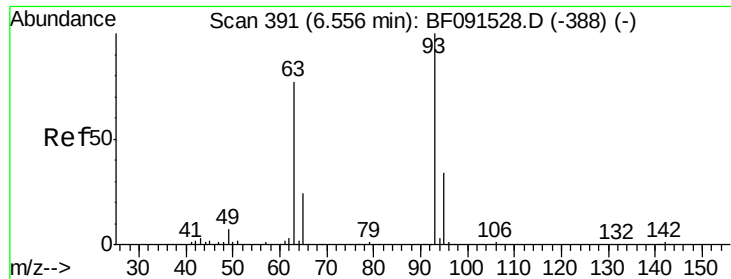


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

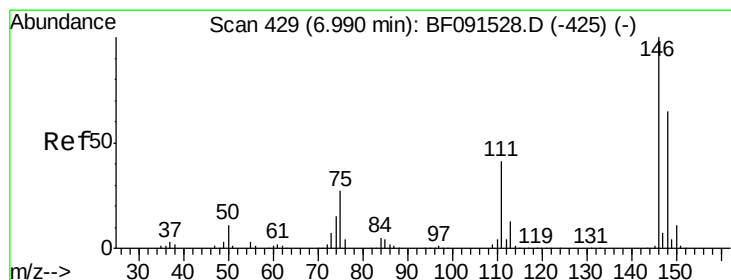
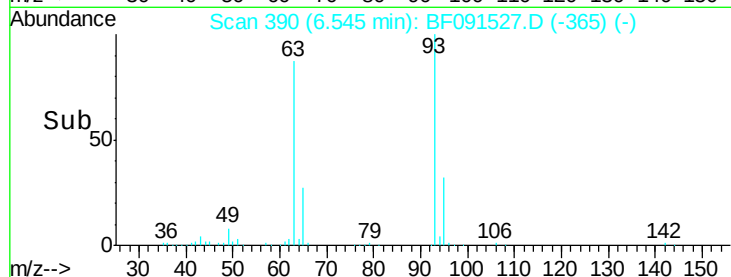
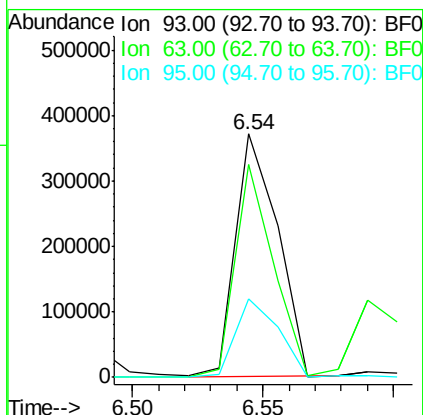
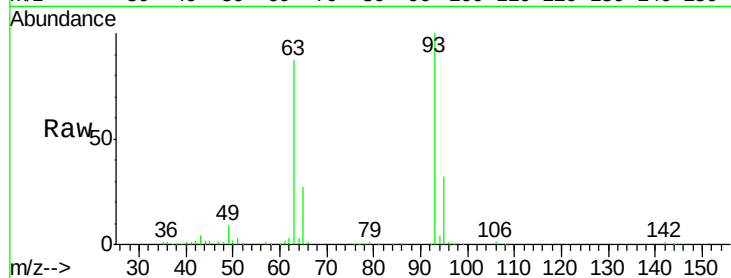




#11
bis(2-Chloroethyl)ether
Concen: 25.80 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

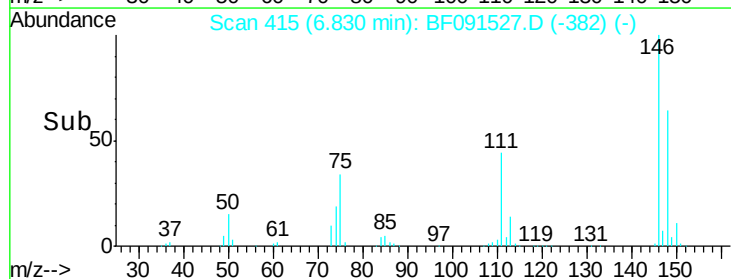
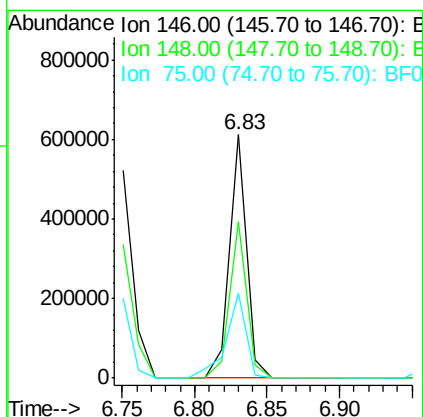
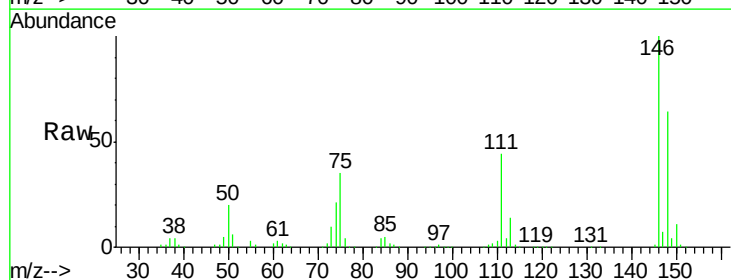
Instrument :
BNA_F
ClientSampleId :

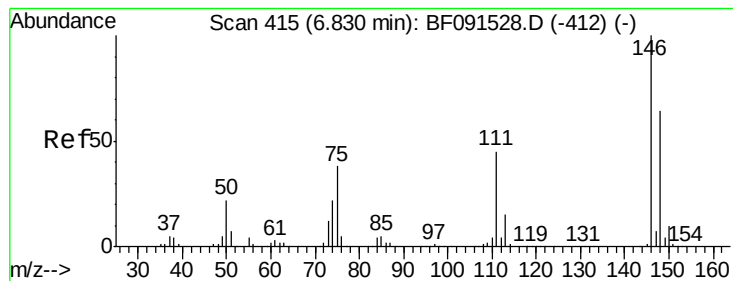
Tot Ion: 93 Resp: 420011
Ion Ratio Lower Upper
93 100
63 87.5 74.8 114.8
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 26.22 ng
RT: 6.83 min Scan# 415
Delta R.T. 0.08 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt Ion: 146 Resp: 503006
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
75 34.6 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 26.36 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampleId :

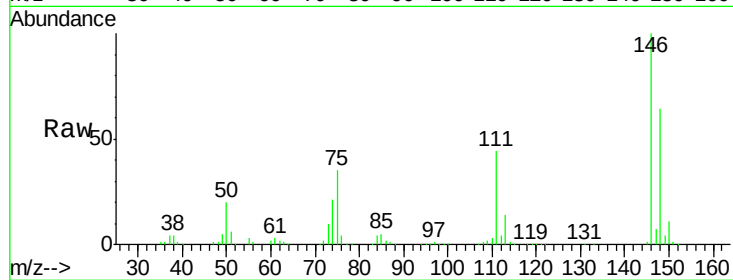
Tot Ion:146 Resp: 503006

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

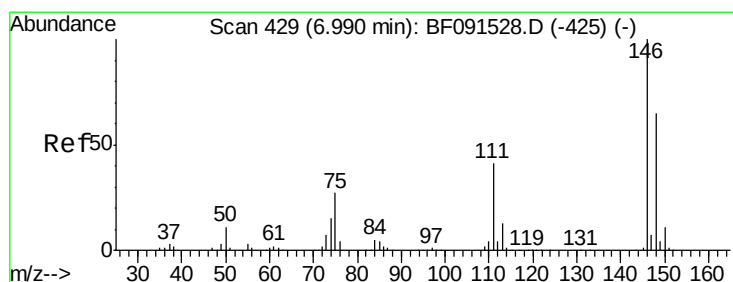
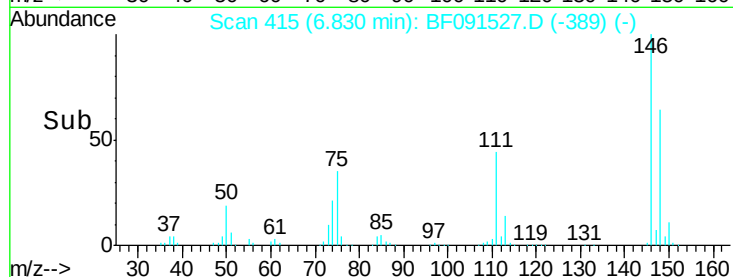
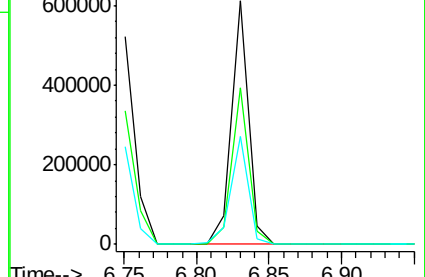
111 44.3 32.2 48.2



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: 24.76 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

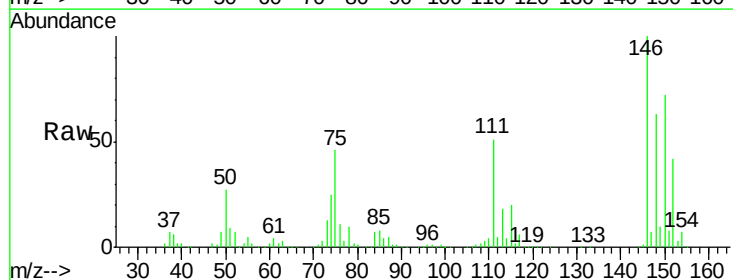
Tgt Ion:146 Resp: 440081

Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.6

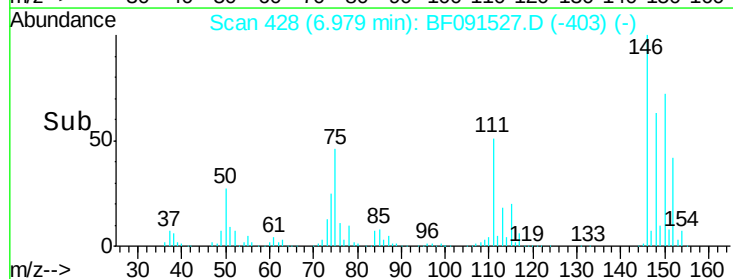
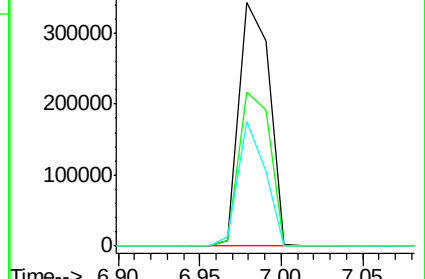
111 51.2 38.9 58.3

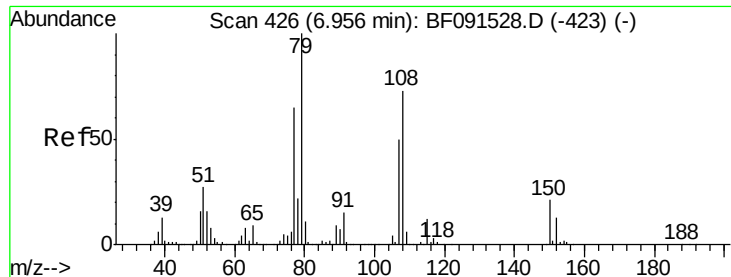


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 26.05 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampled :

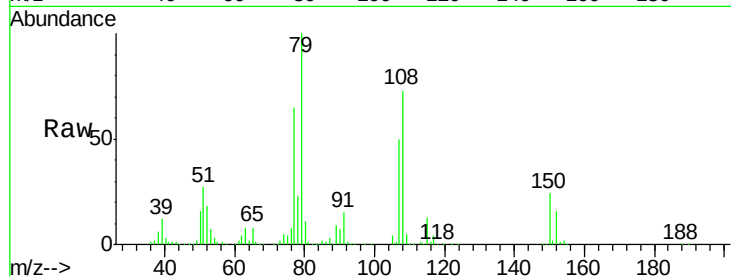
Tot Ion: 79 Resp: 403589

Ion Ratio Lower Upper

79 100

108 73.2 62.7 94.1

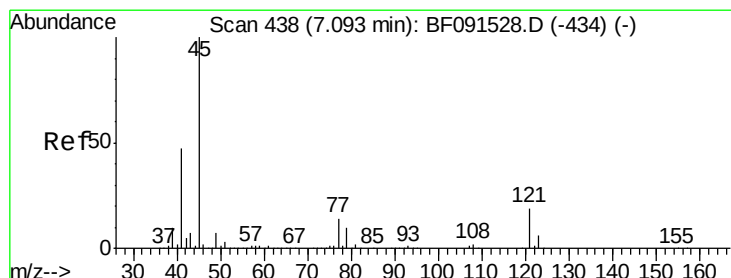
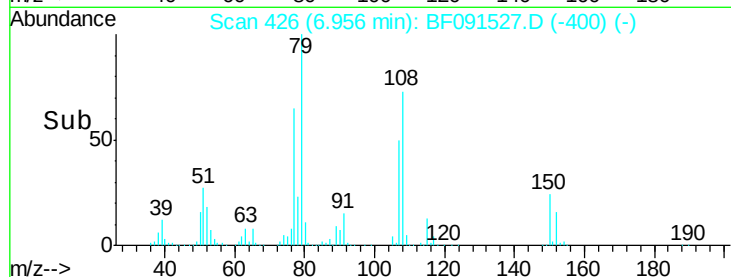
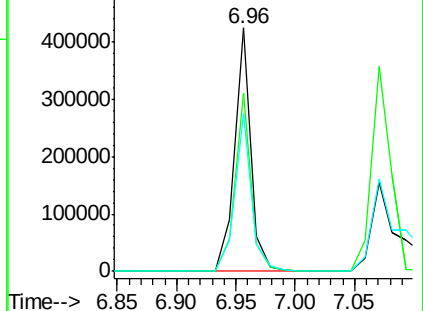
77 65.0 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 19.45 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

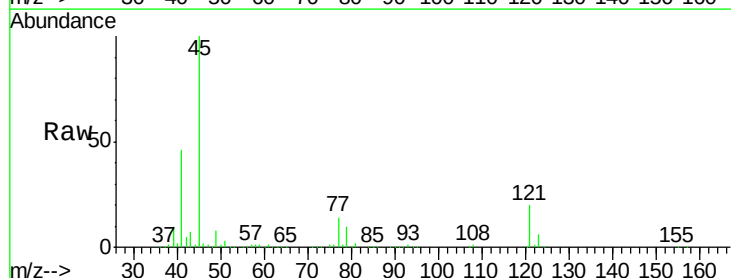
Tgt Ion: 45 Resp: 680691

Ion Ratio Lower Upper

45 100

77 13.6 3.8 43.8

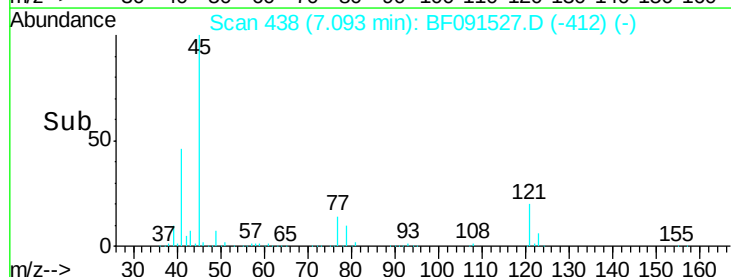
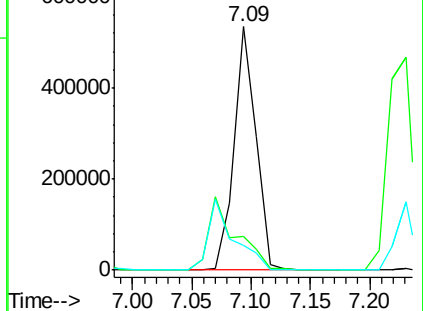
79 10.3 0.2 40.2

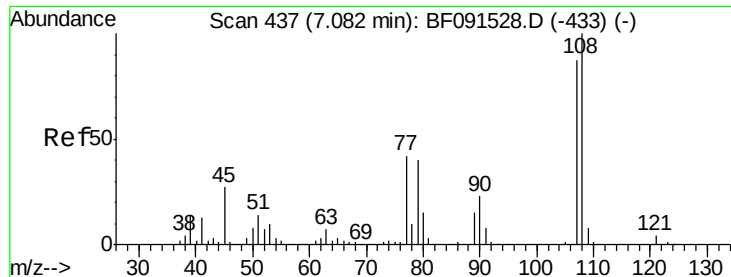


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 25.67 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 349852

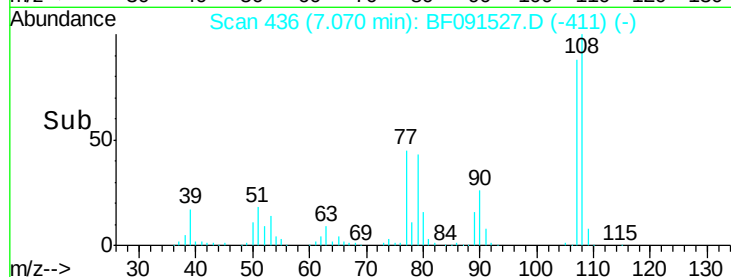
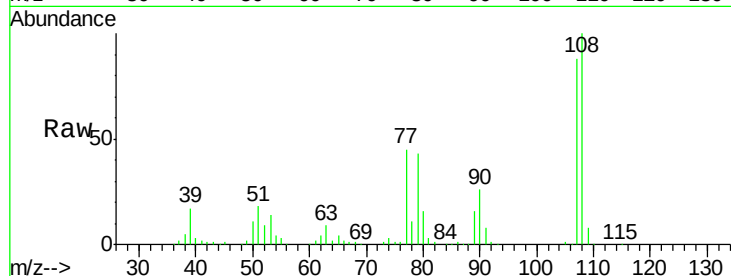
Ion Ratio Lower Upper

107 100

108 114.2 67.7 101.5#

77 51.3 40.7 61.1

79 49.4 23.4 35.2#

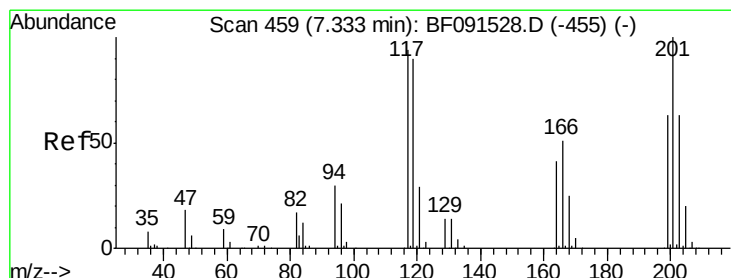
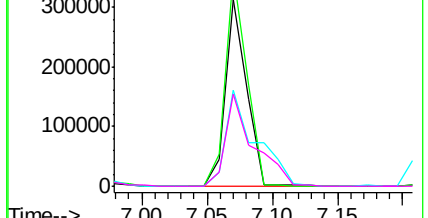


Abundance Ion 107.00 (106.70 to 107.70): E

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: 27.53 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

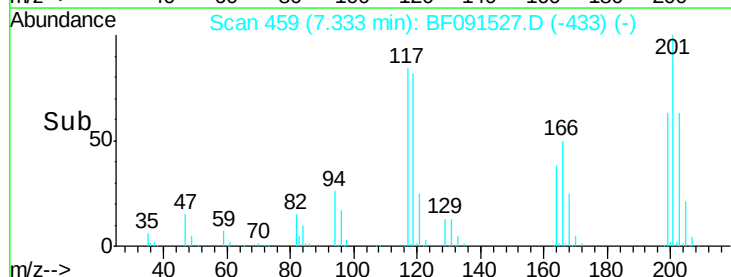
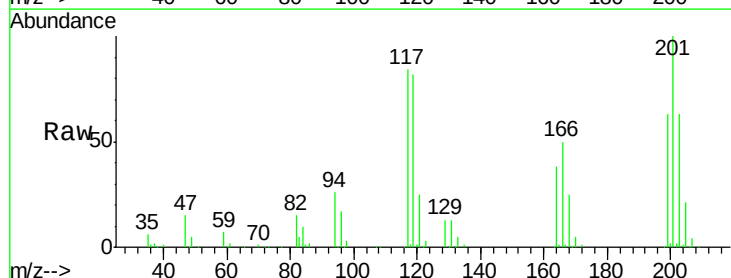
Tgt Ion:117 Resp: 186519

Ion Ratio Lower Upper

117 100

119 97.2 78.6 118.0

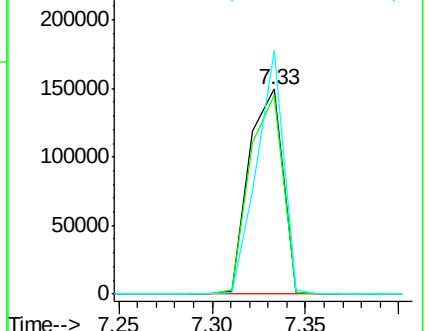
201 118.9 86.7 130.1

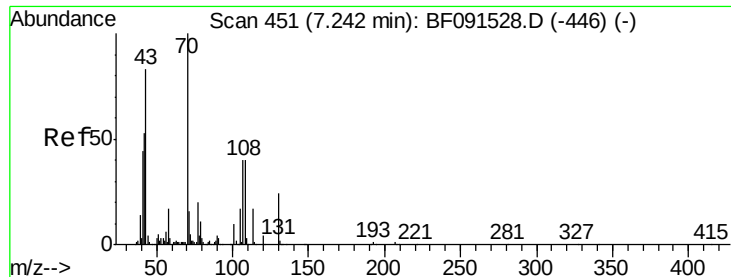


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

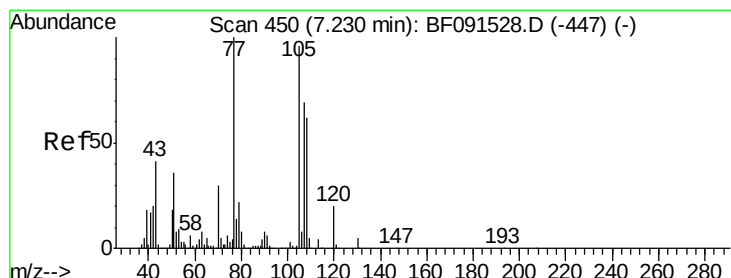
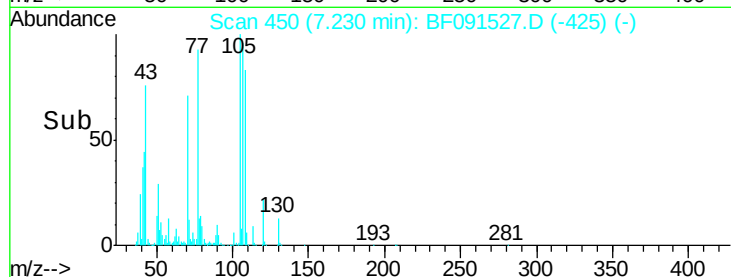
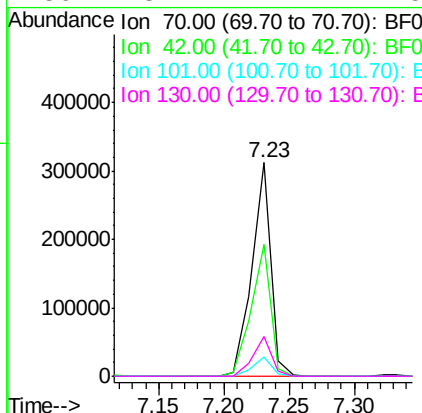
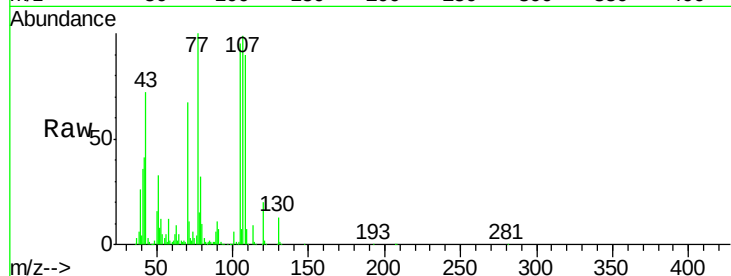




#19
n-Nitroso-di-n-propylamine
Concen: 25.79 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

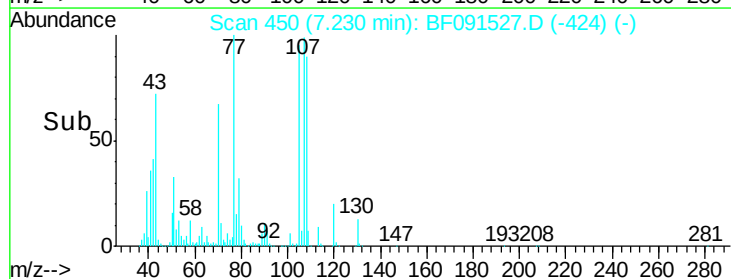
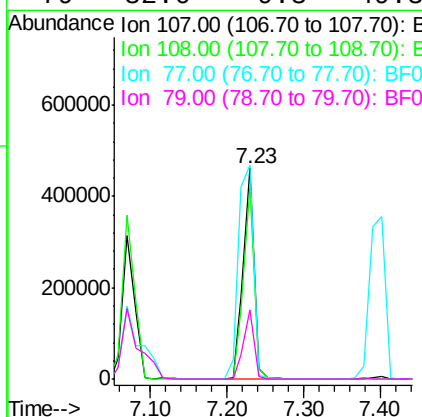
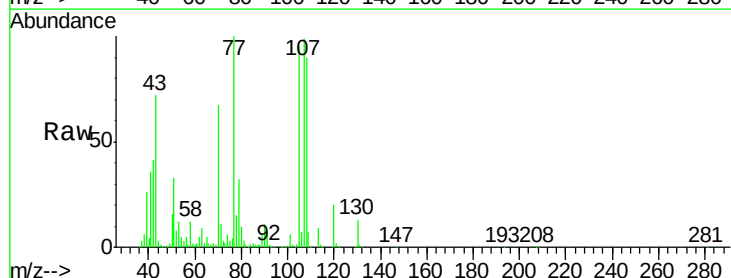
Instrument :
BNA_F
ClientSampled :

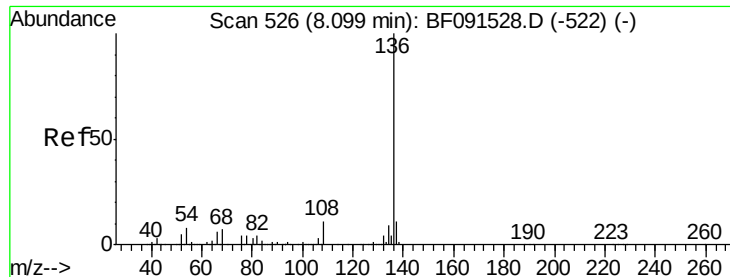
Tot Ion: 70 Resp: 314592
Ion Ratio Lower Upper
70 100
42 62.0 64.8 97.2#
101 8.8 6.2 9.4
130 18.7 11.7 17.5#



#20
3+4-Methylphenols
Concen: 27.71 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt Ion:107 Resp: 460992
Ion Ratio Lower Upper
107 100
108 91.2 64.6 104.6
77 101.4 30.9 70.9#
79 32.6 9.3 49.3

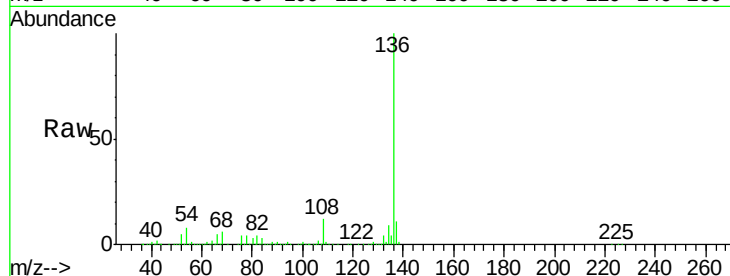




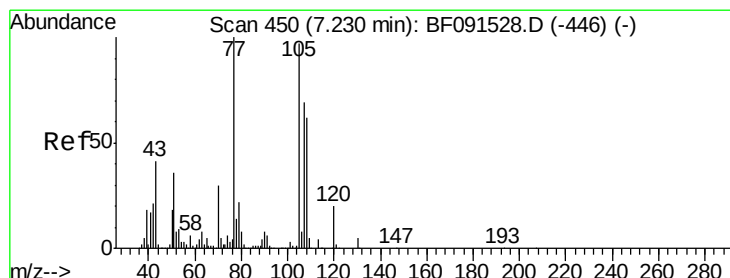
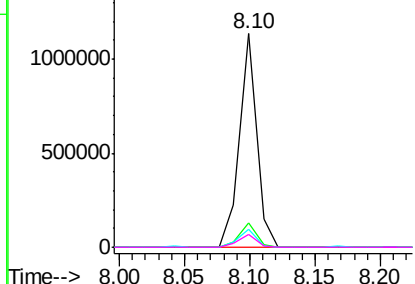
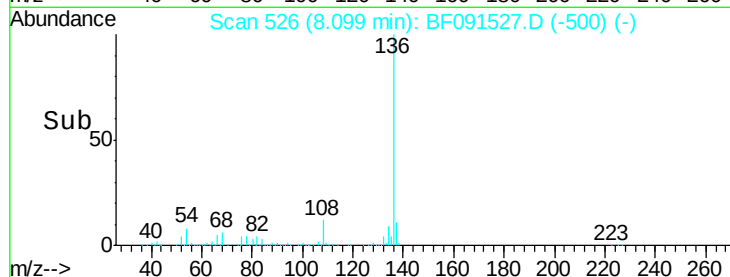
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1036181
Ion Ratio	Lower Upper
136 100	
137 11.4	9.1 13.7
54 8.4	9.1 13.7#
68 6.0	5.9 8.9

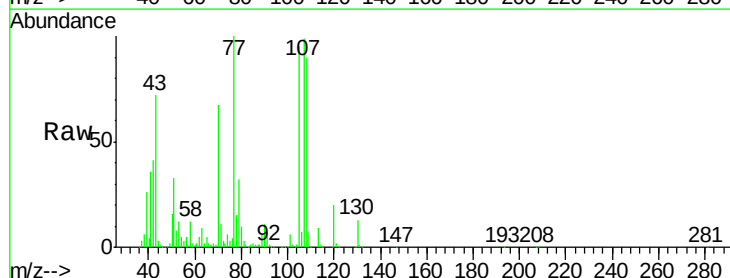


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

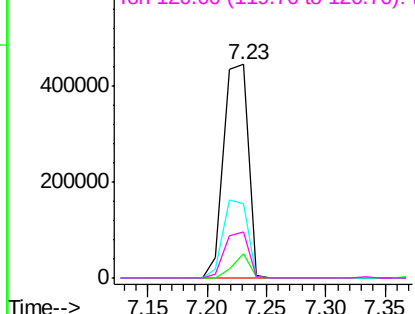
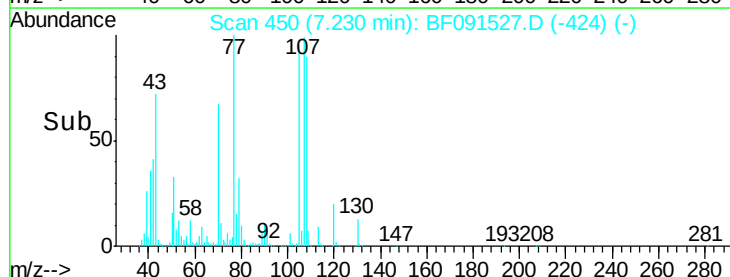


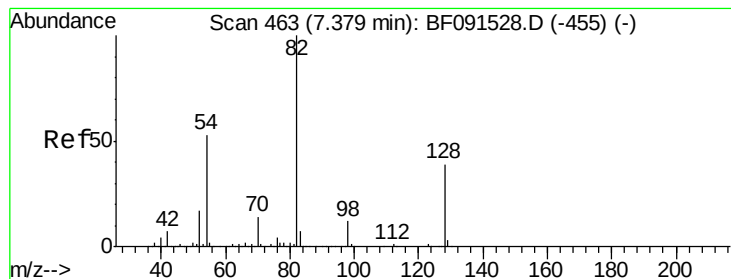
#22
Acetophenone
Concen: 26.02 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt	Ion:105	Resp:	639031
Ion	Ratio	Lower	Upper
105	100		
71	11.4	7.9	11.9
51	34.7	24.5	36.7
120	21.4	16.6	24.8



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





#23

Nitrobenzene-d5

Concen: 53.58 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampleId :

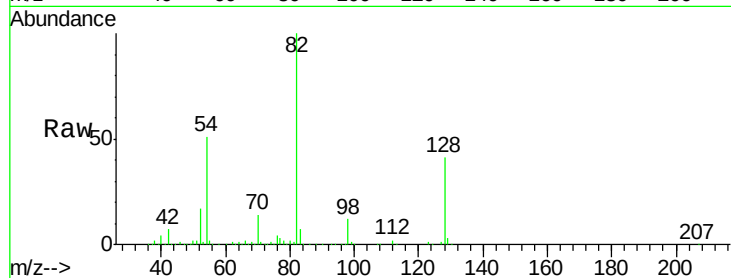
Tot Ion: 82 Resp: 990606

Ion Ratio Lower Upper

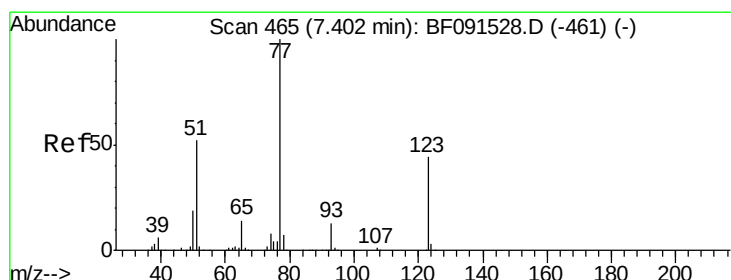
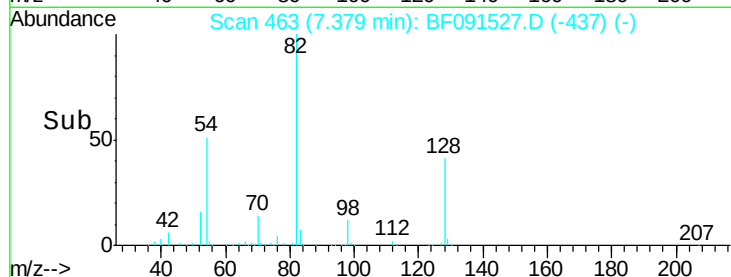
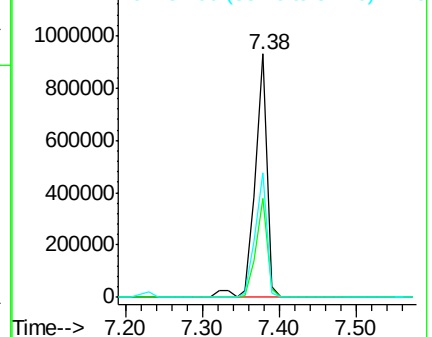
82 100

128 40.8 31.8 47.6

54 51.3 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: 26.34 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

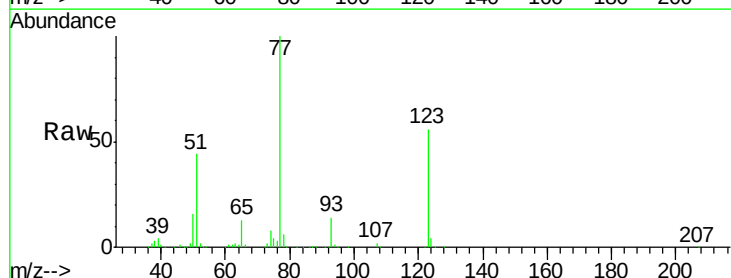
Tgt Ion: 77 Resp: 498701

Ion Ratio Lower Upper

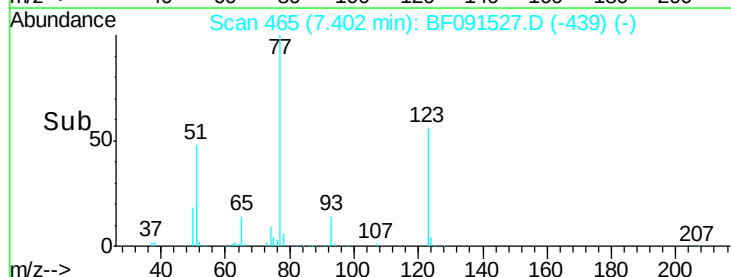
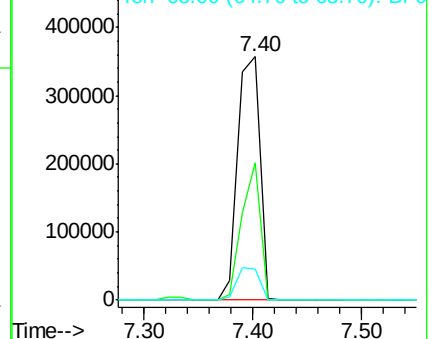
77 100

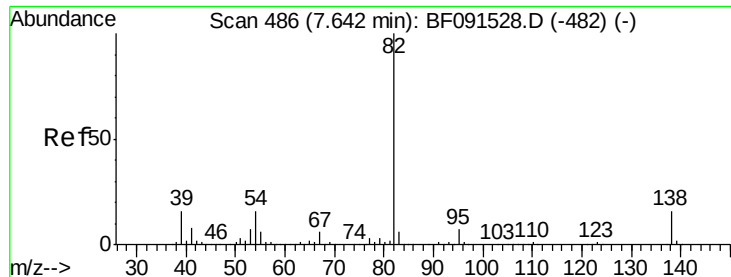
123 56.4 28.5 42.7#

65 12.6 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: 26.32 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :
BNA_F
ClientSampleId :

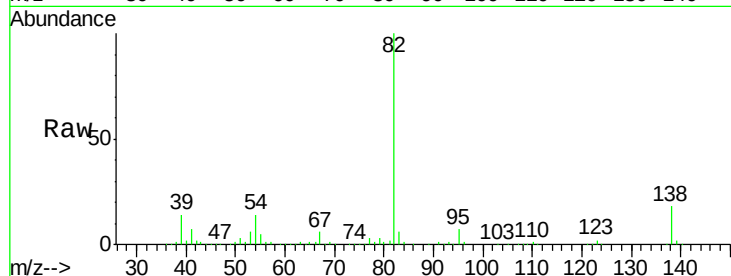
Tot Ion: 82 Resp: 862116

Ion Ratio Lower Upper

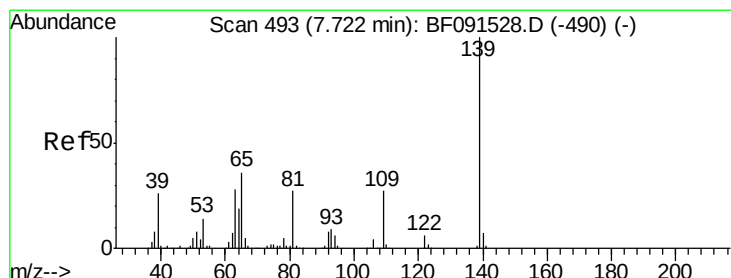
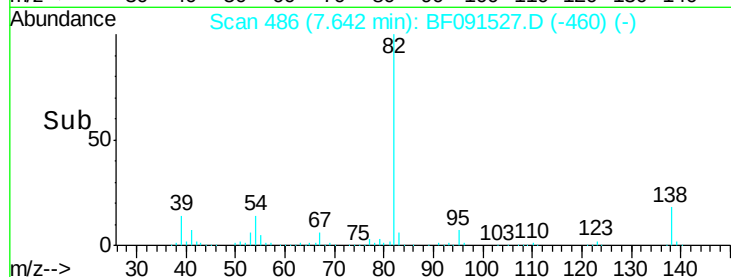
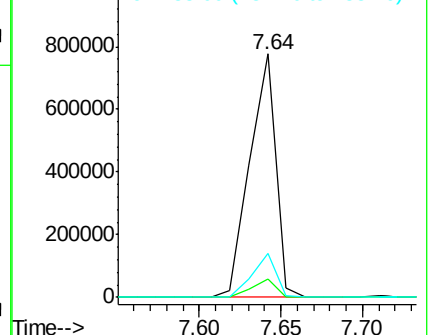
82 100

95 7.4 5.7 8.5

138 18.3 13.4 20.0



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



#26

2-Nitrophenol

Concen: 24.23 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

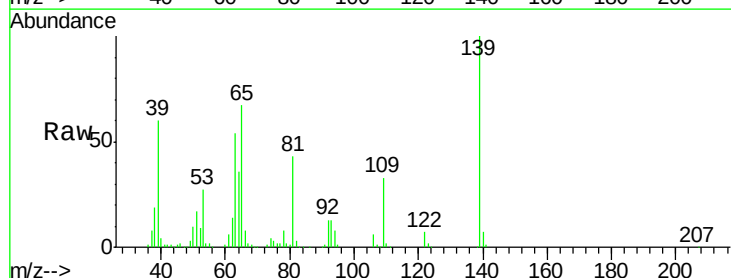
Tgt Ion: 139 Resp: 209019

Ion Ratio Lower Upper

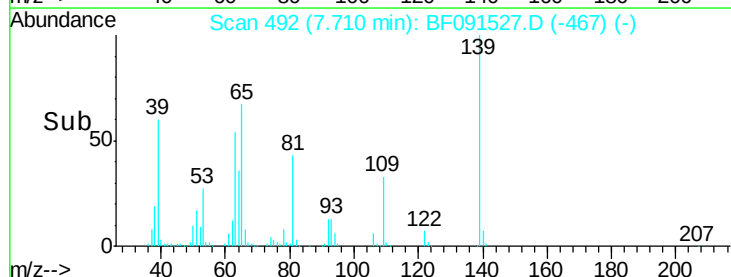
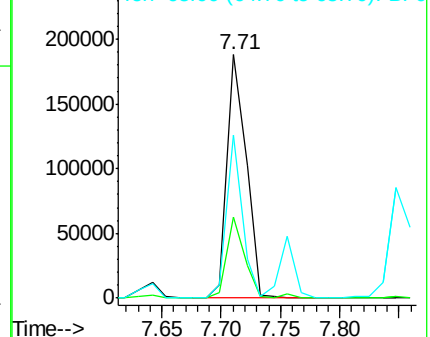
139 100

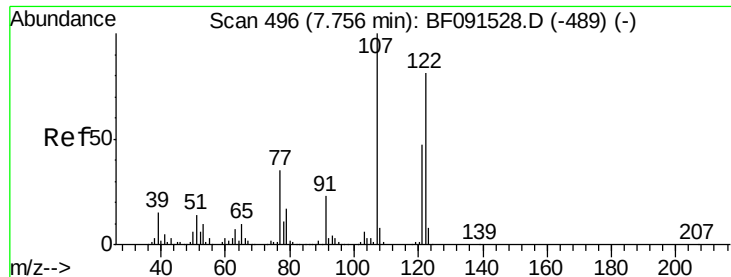
109 33.1 25.3 37.9

65 66.9 55.4 83.2



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





#27

2,4-Dimethylphenol

Concen: 23.68 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampleId :

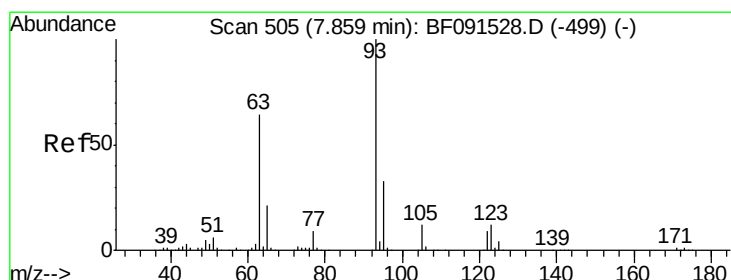
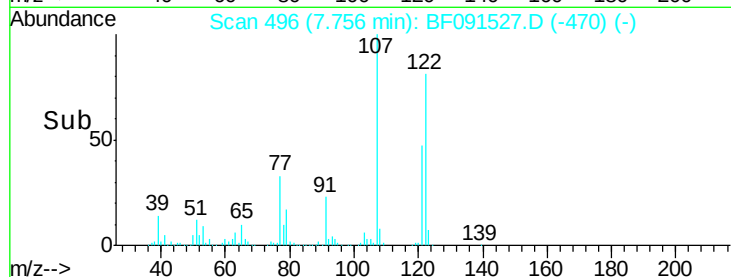
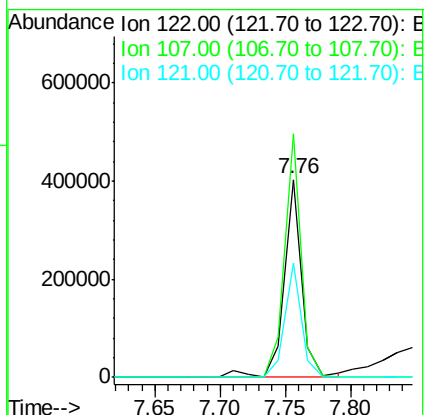
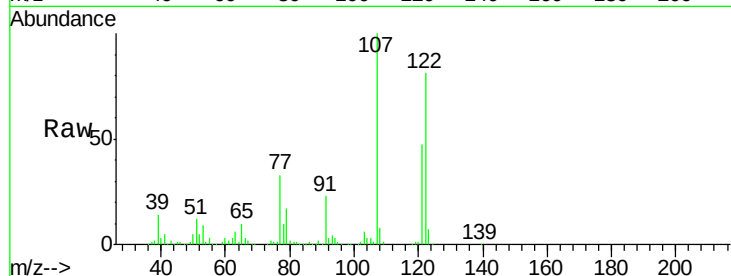
Tot Ion:122 Resp: 382165

Ion Ratio Lower Upper

122 100

107 123.2 96.8 145.2

121 58.1 47.7 71.5



#28

bis(2-Chloroethoxy)methane

Concen: 24.09 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.01 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

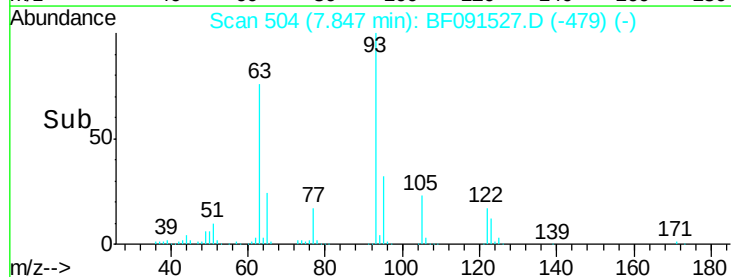
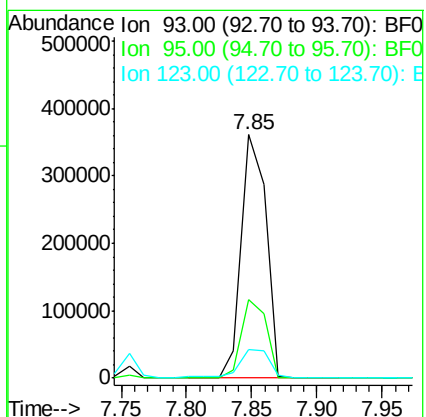
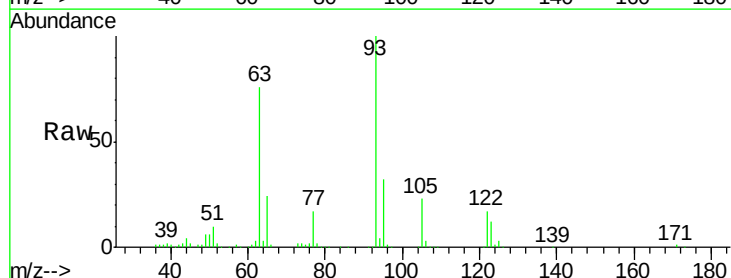
Tgt Ion: 93 Resp: 474930

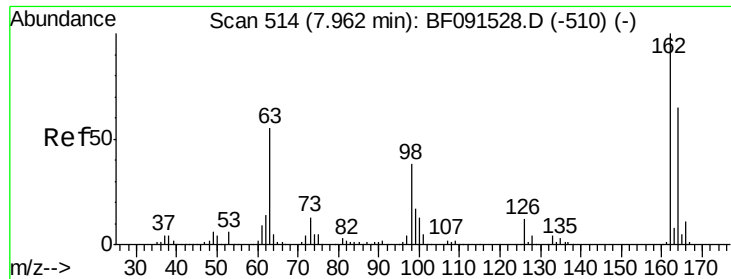
Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 11.8 8.6 12.8

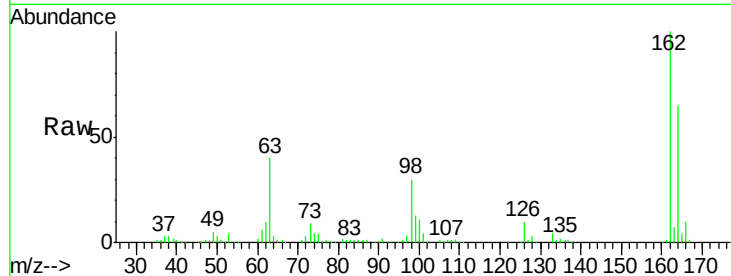




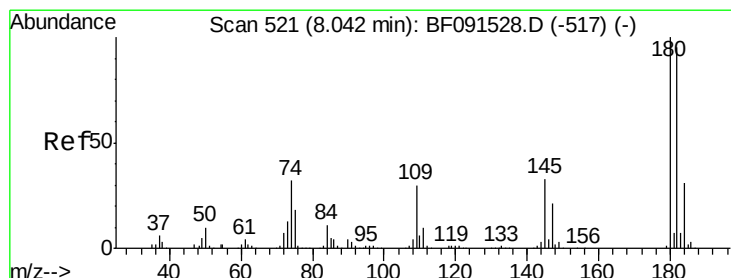
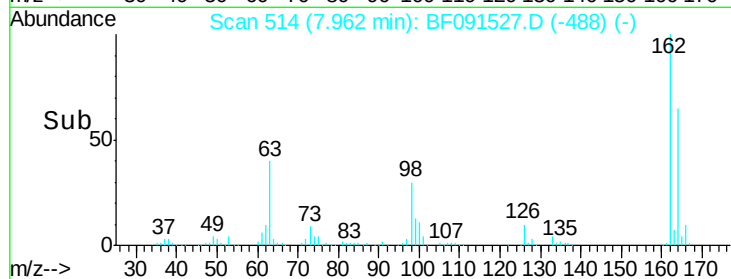
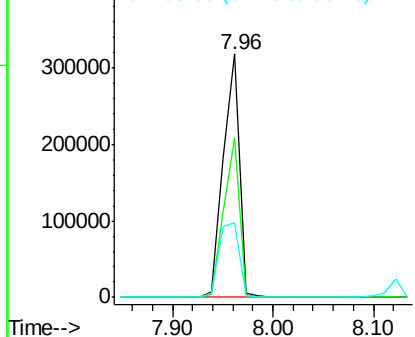
#29
 2,4-Dichlorophenol
 Concen: 25.01 ng
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	45.0	85.0
98	30.4	21.3	61.3

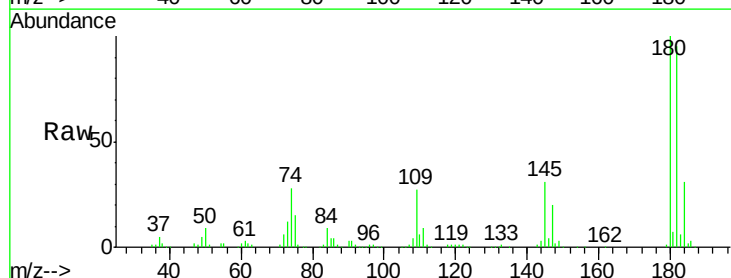


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

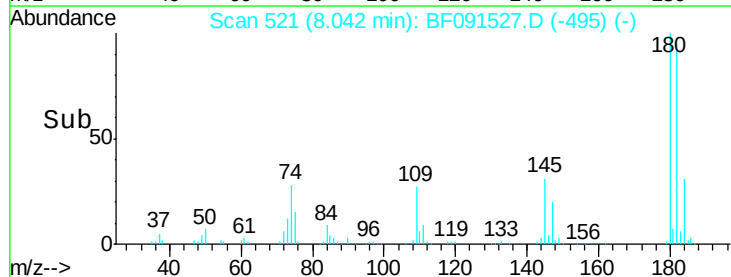
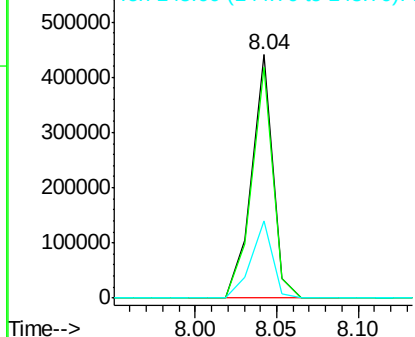


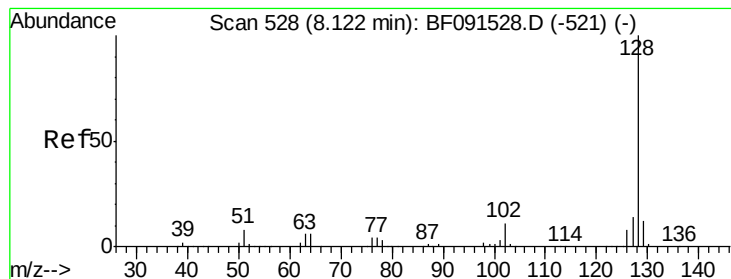
#30
 1,2,4-Trichlorobenzene
 Concen: 25.11 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.8	113.8
145	31.5	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: 26.65 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampleId :

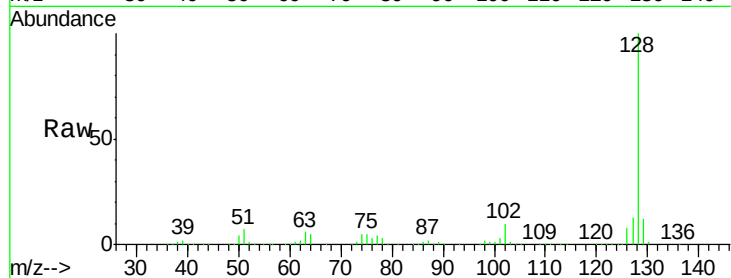
Tot Ion:128 Resp: 1312563

Ion Ratio Lower Upper

128 100

129 11.5 9.1 13.7

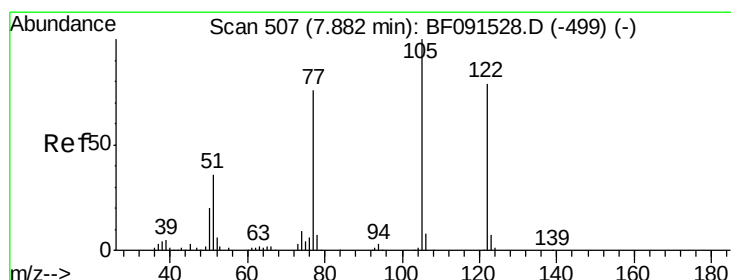
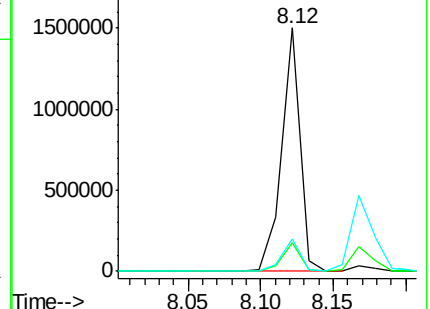
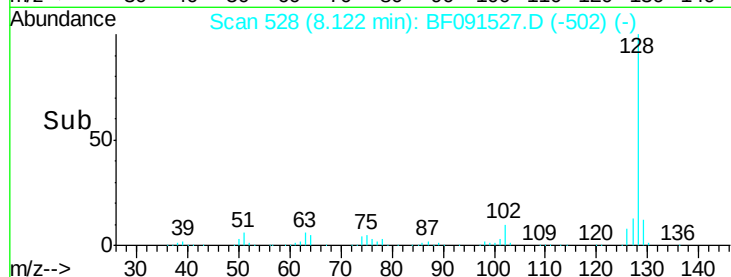
127 13.4 11.0 16.4



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: 19.84 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

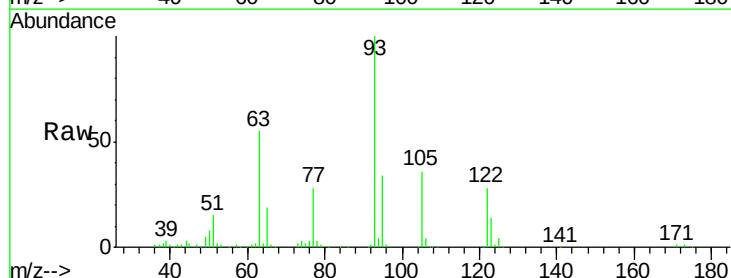
Tgt Ion:122 Resp: 236034

Ion Ratio Lower Upper

122 100

105 129.8 113.0 153.0

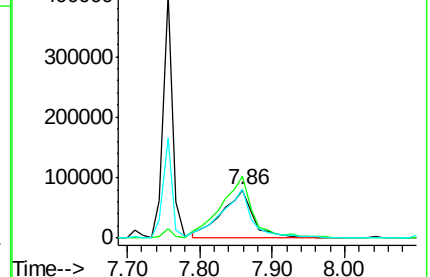
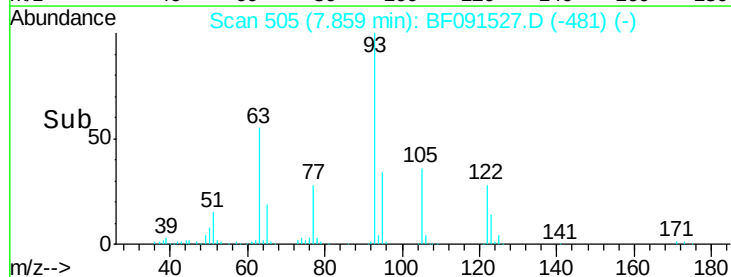
77 103.1 82.0 122.0

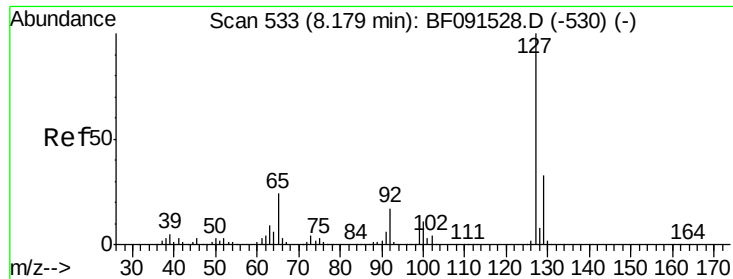


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

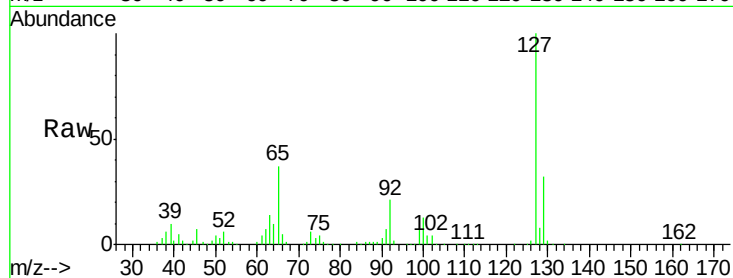




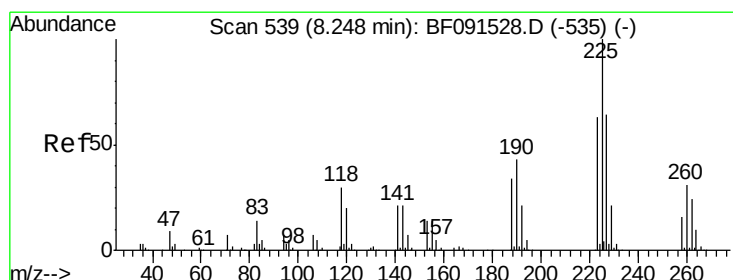
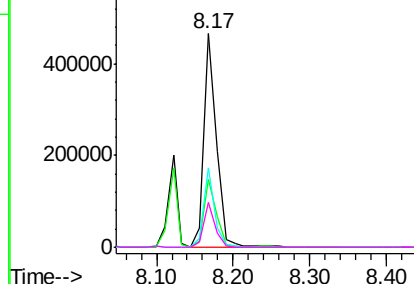
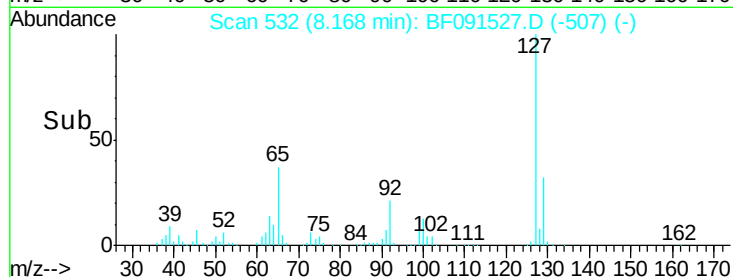
#33
4-Chloroaniline
Concen: 24.65 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	518895
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	37.0	26.6	39.8
92	21.1	15.4	23.0

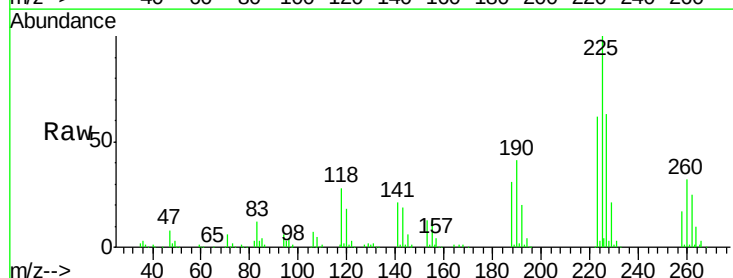


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

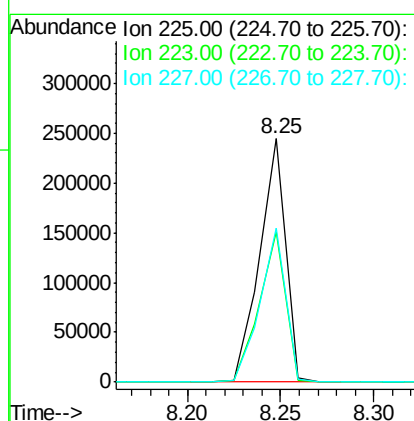
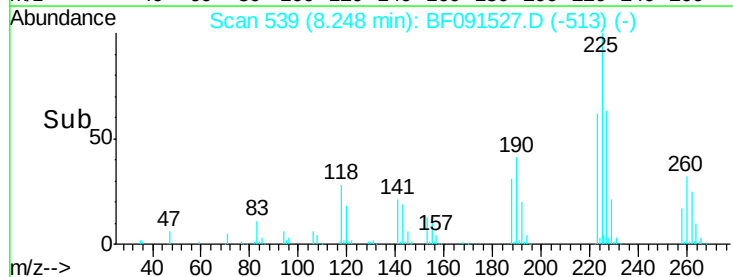


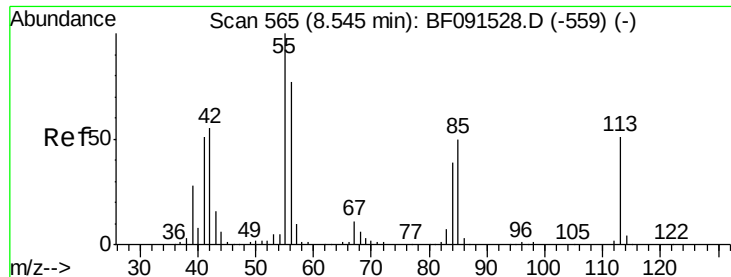
#34
Hexachlorobutadiene
Concen: 23.93 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt Ion:	225	Resp:	234184
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.8	74.6
227	63.1	52.6	79.0



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

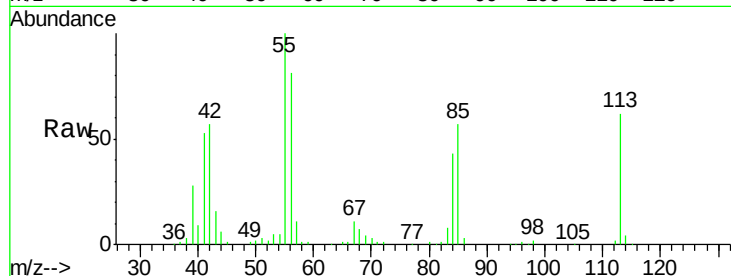




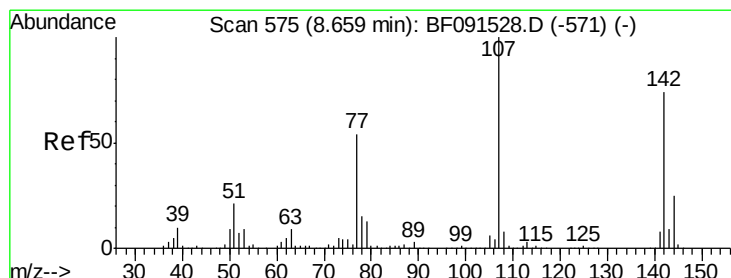
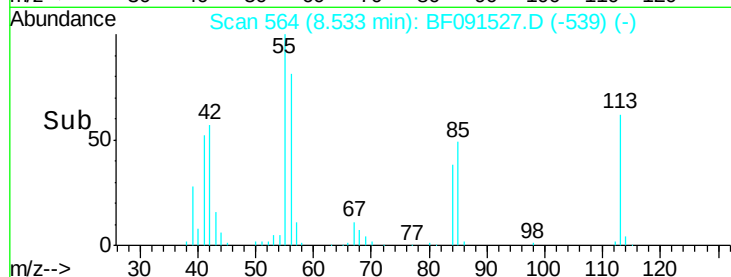
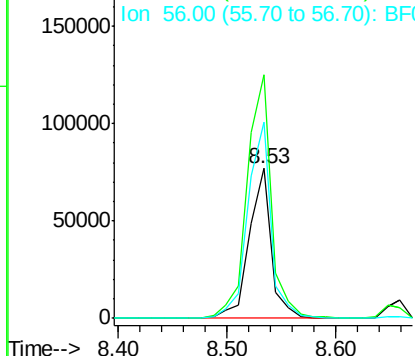
#35
Caprolactam
Concen: 26.33 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 107439
Ion Ratio Lower Upper
113 100
55 162.4 239.8 279.8#
56 130.9 165.6 205.6#

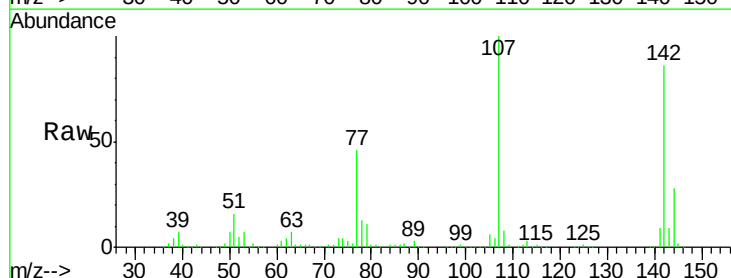


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

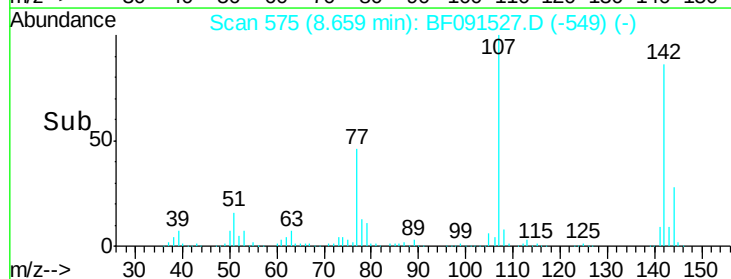
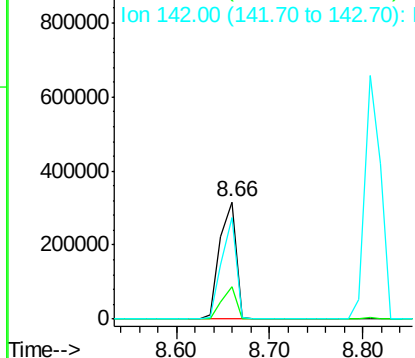


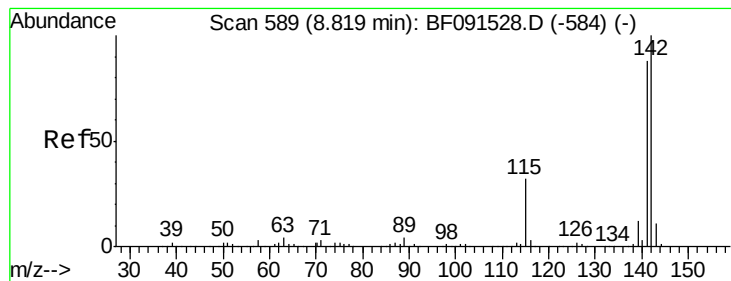
#36
4-Chloro-3-methylphenol
Concen: 25.08 ng
RT: 8.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt Ion:107 Resp: 384458
Ion Ratio Lower Upper
107 100
144 27.9 18.9 28.3
142 86.5 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

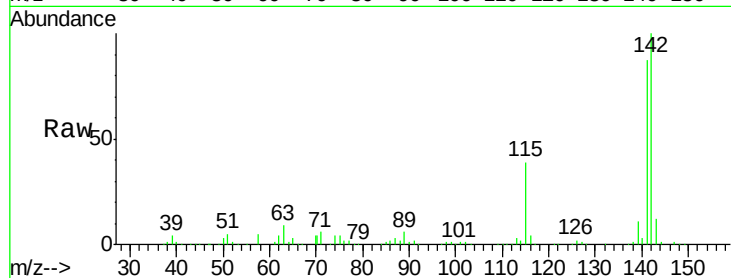




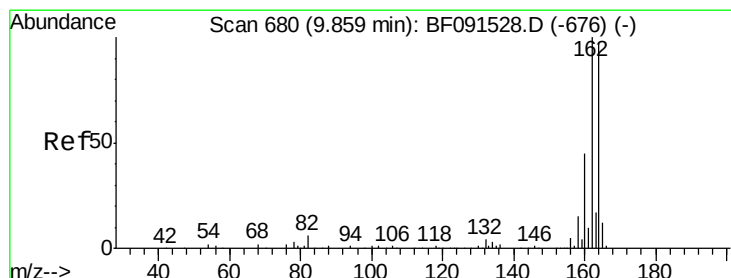
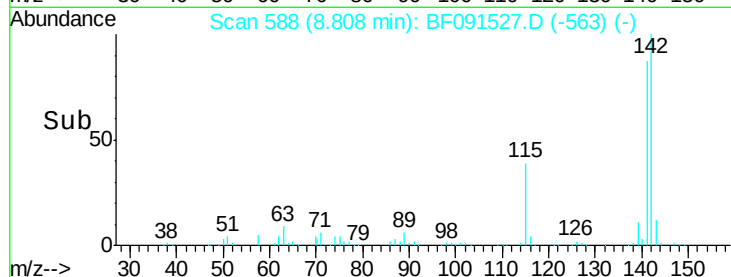
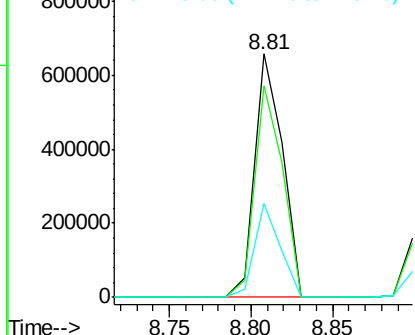
#37
2-Methylnaphthalene
Concen: 23.27 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 778515
Ion Ratio Lower Upper
142 100
141 86.8 71.7 107.5
115 38.6 25.0 37.6#

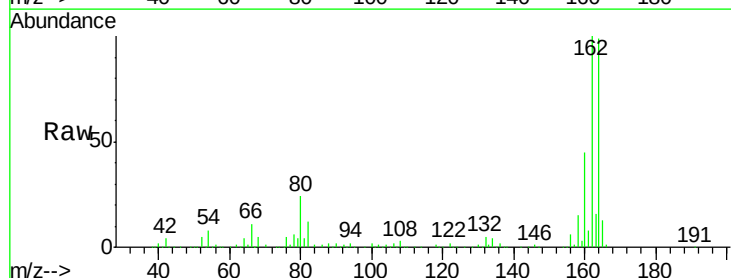


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

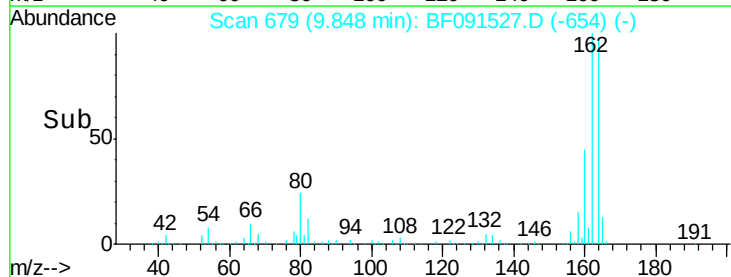
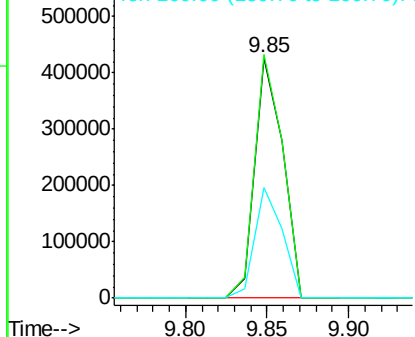


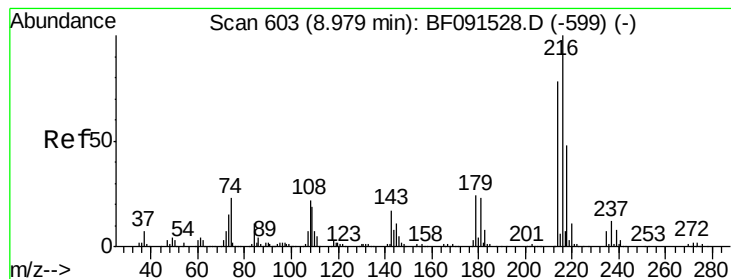
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt Ion:164 Resp: 510904
Ion Ratio Lower Upper
164 100
162 101.5 82.6 124.0
160 46.0 36.7 55.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.15 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 362200

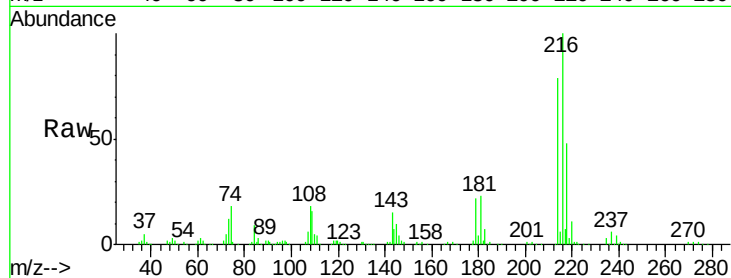
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.8

179 22.8 18.2 27.2

108 21.6 17.2 25.8

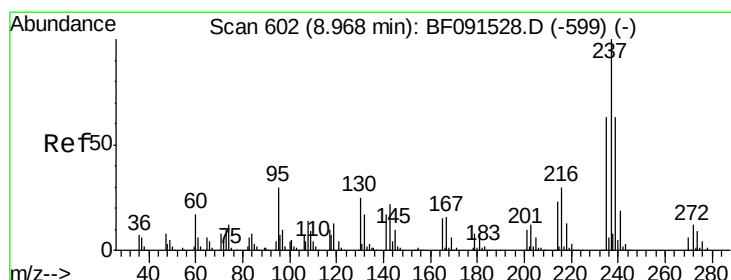
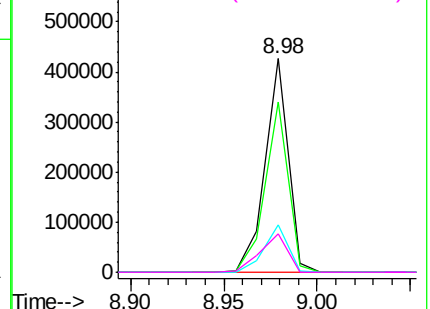
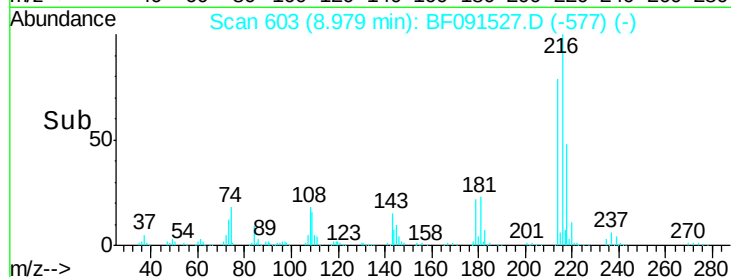


Abundance Ion 216.00 (215.70 to 216.70): E

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: 25.48 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

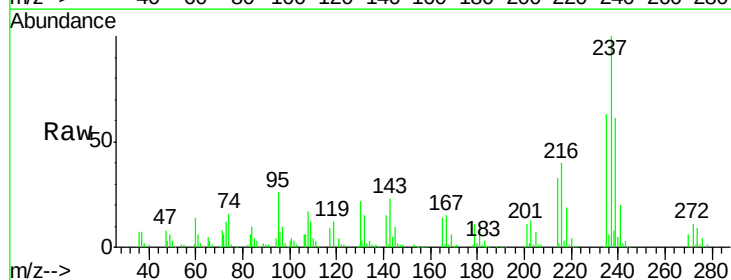
Tgt Ion:237 Resp: 170081

Ion Ratio Lower Upper

237 100

235 62.6 43.9 83.9

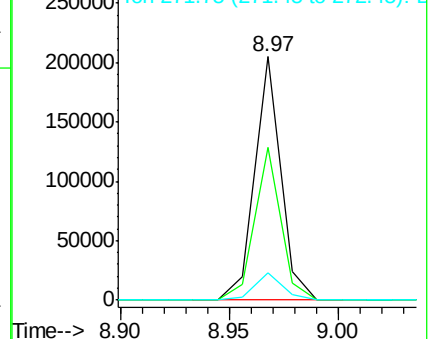
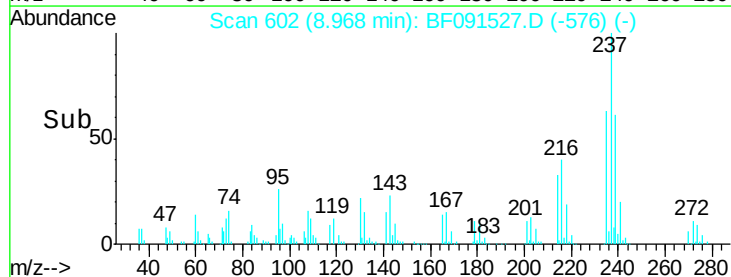
272 11.3 0.0 33.1

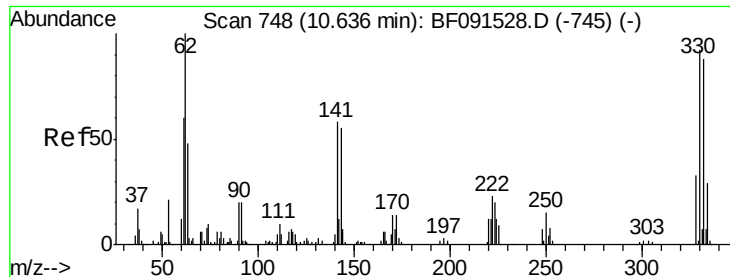


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

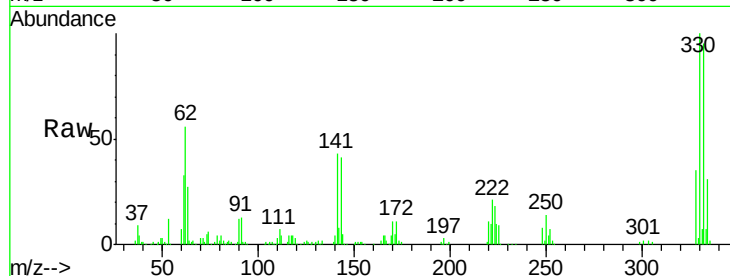




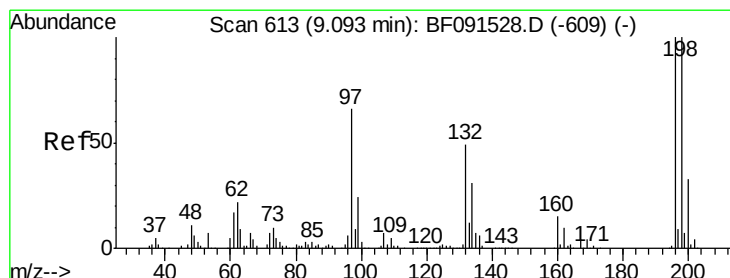
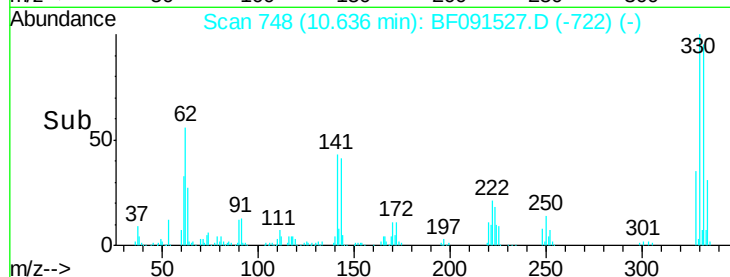
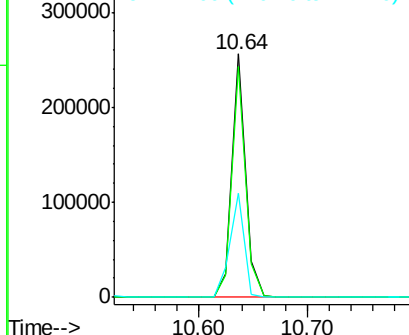
#41
 2,4,6-Tribromophenol
 Concen: 45.75 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 221283
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.2 114.4
 141 45.1 33.6 50.4

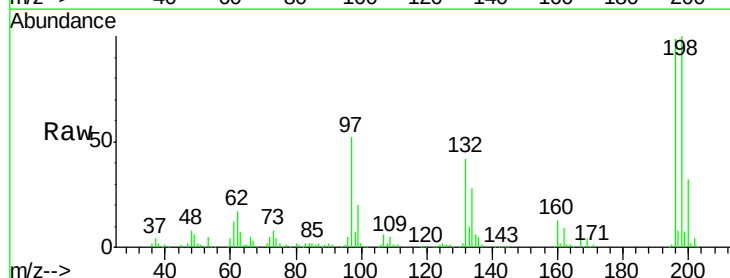


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

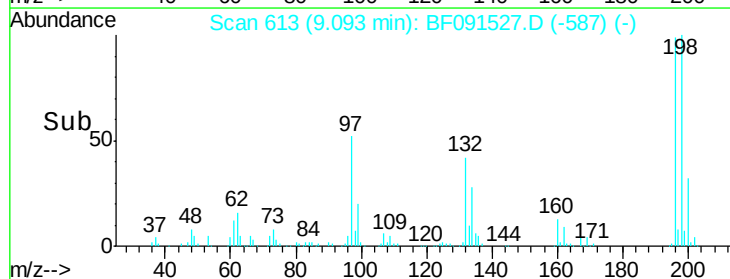
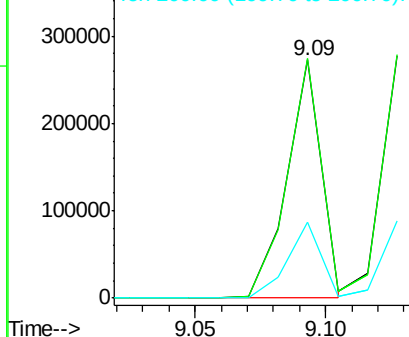


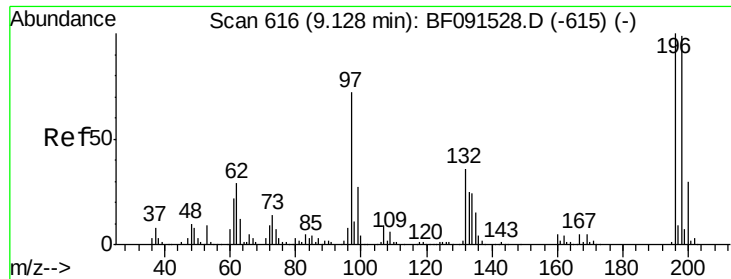
#42
 2,4,6-Trichlorophenol
 Concen: 26.53 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

Tgt Ion:196 Resp: 248319
 Ion Ratio Lower Upper
 196 100
 198 100.5 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

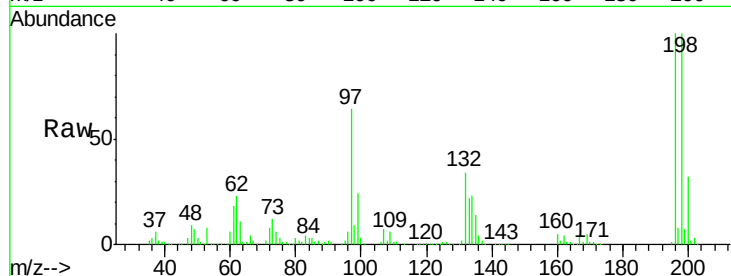




#43
 2,4,5-Trichlorophenol
 Concen: 26.83 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.3	77.0	115.6
97	63.9	33.5	50.3#
132	34.4	20.5	30.7#



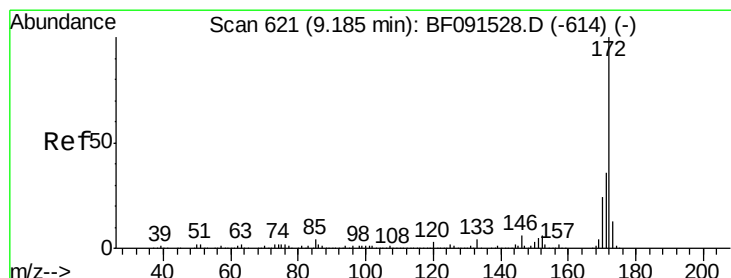
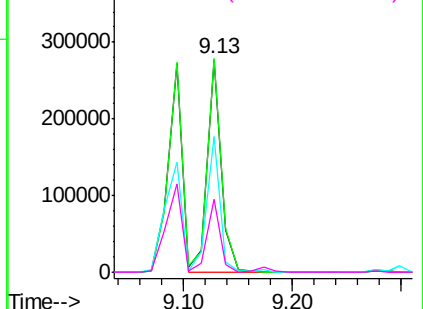
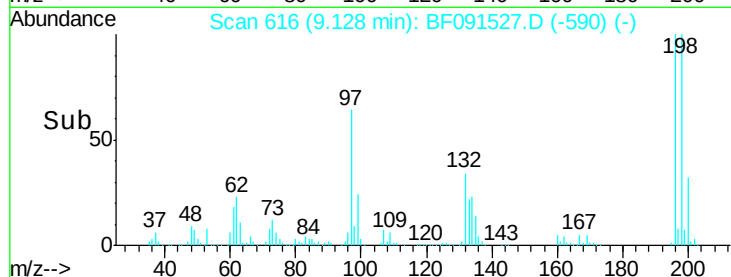
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

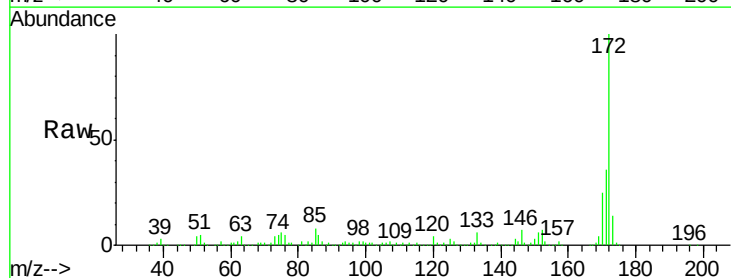
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 51.19 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.6	19.7	29.5

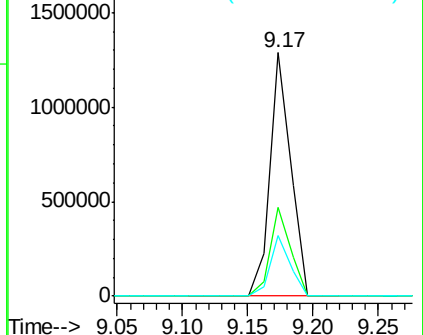
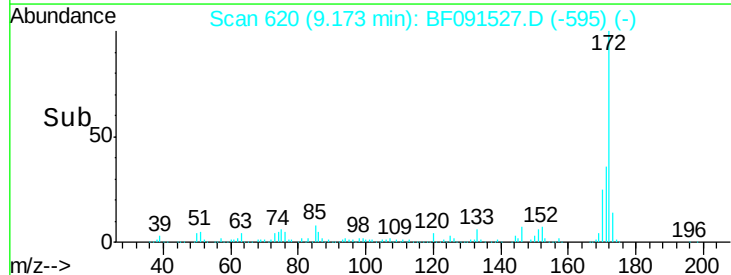


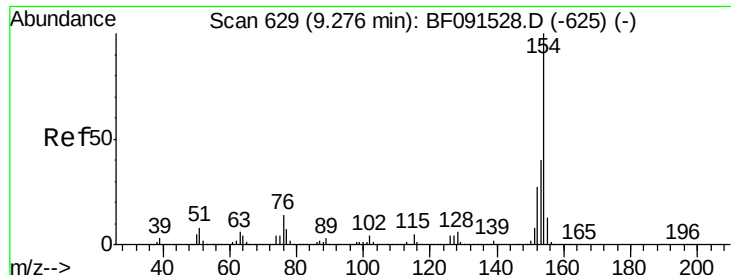
Abundance

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

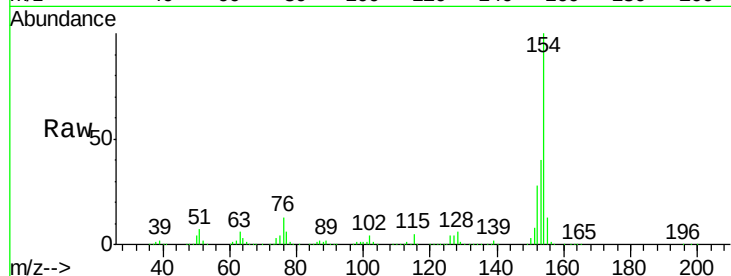




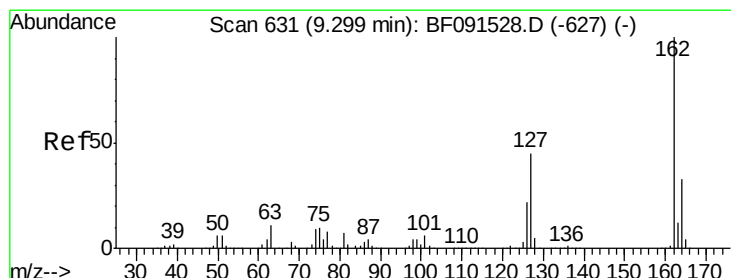
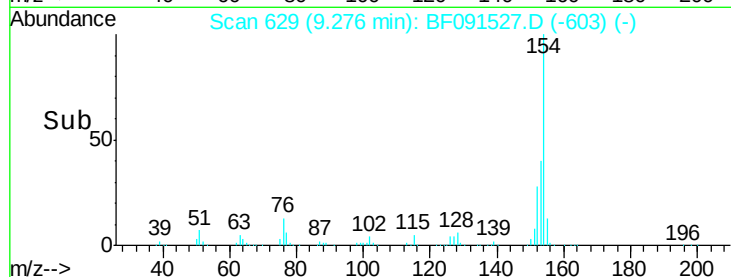
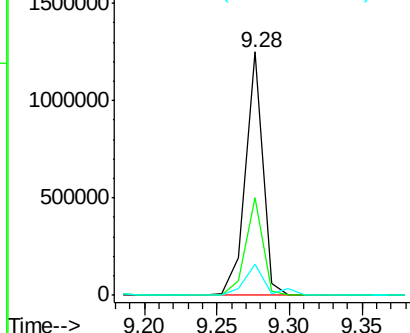
#45
 1,1'-Biphenyl
 Concen: 28.22 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1036828
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.6 60.6
 76 12.5 0.0 36.6

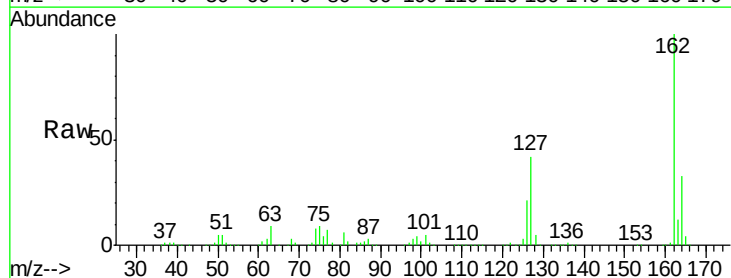


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

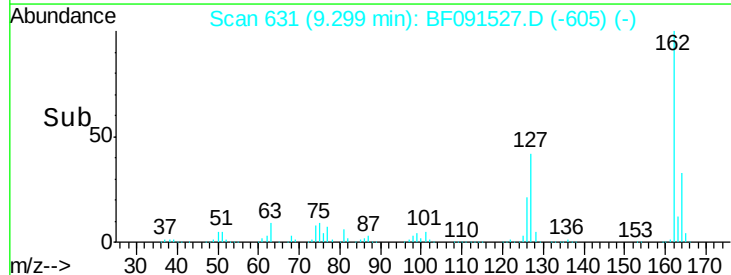
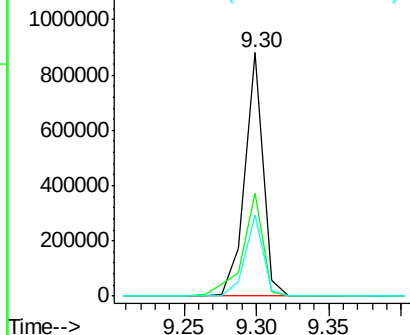


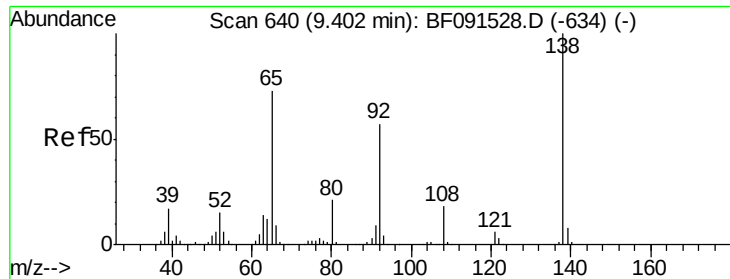
#46
 2-Chloronaphthalene
 Concen: 28.03 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

Tgt Ion:162 Resp: 766748
 Ion Ratio Lower Upper
 162 100
 127 42.2 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

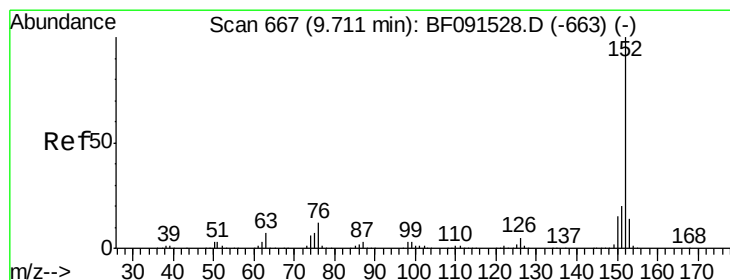
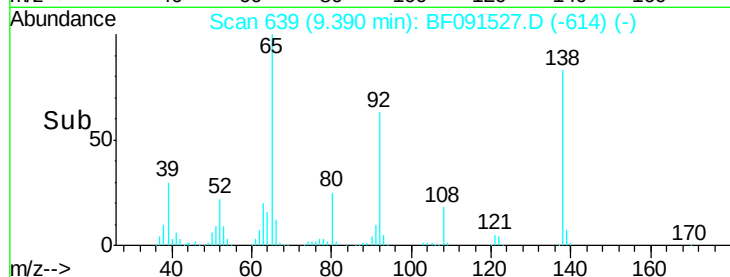
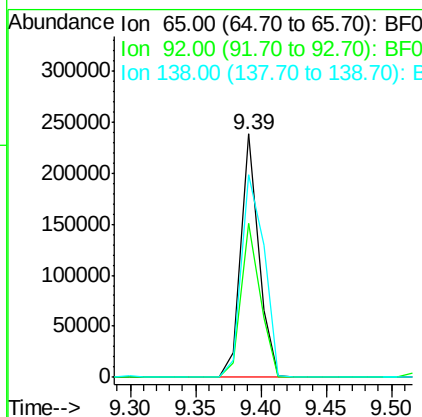
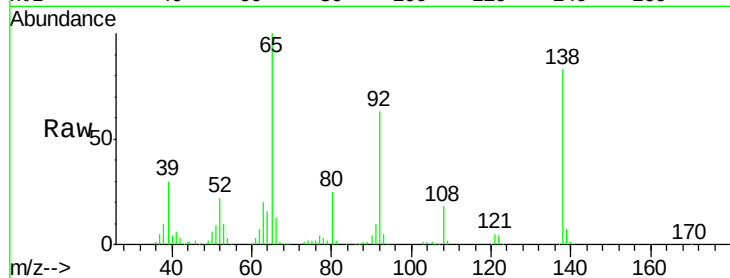




#47
2-Nitroaniline
Concen: 23.14 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

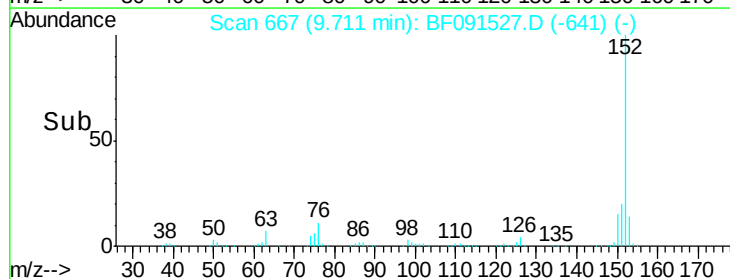
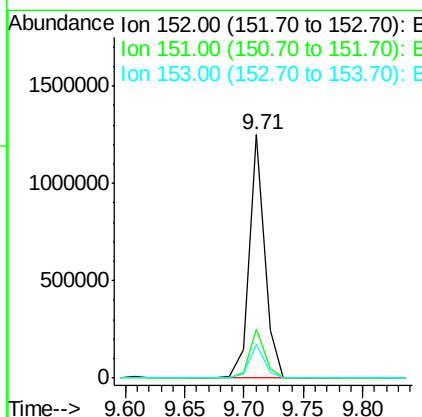
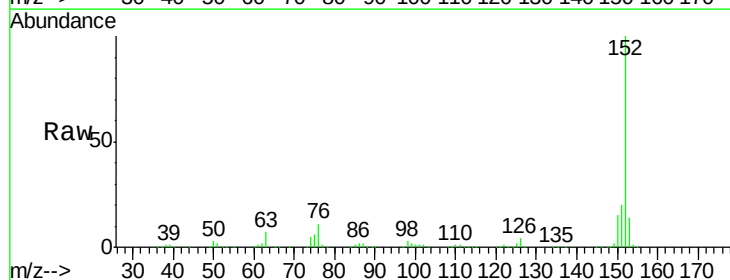
Instrument :
BNA_F
ClientSampleId :

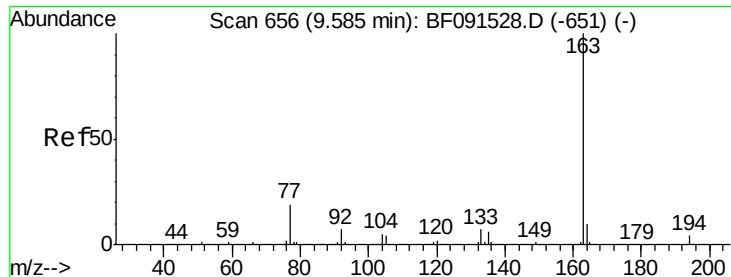
Tot Ion: 65 Resp: 227399
Ion Ratio Lower Upper
65 100
92 63.5 53.6 80.4
138 83.5 91.0 136.6#



#48
Acenaphthylene
Concen: 26.28 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt Ion: 152 Resp: 1131789
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 13.9 10.7 16.1

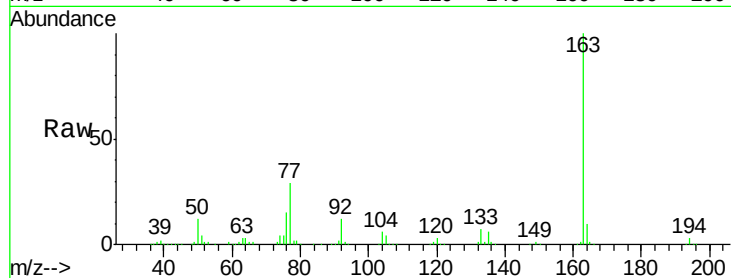




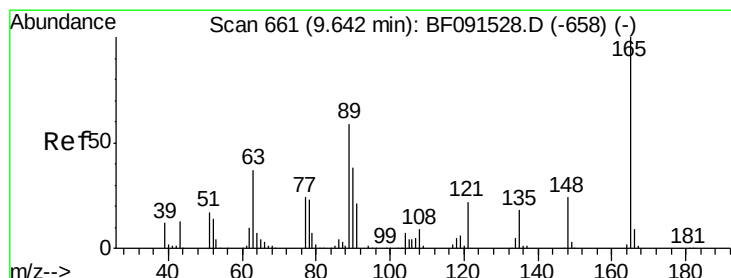
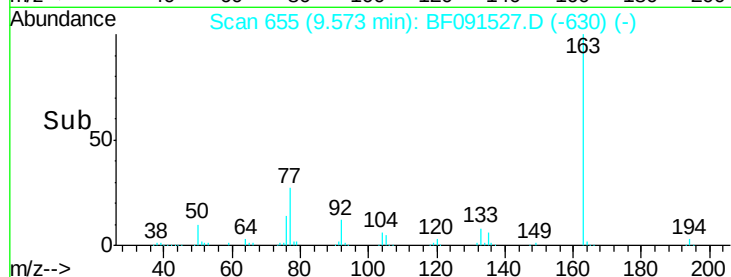
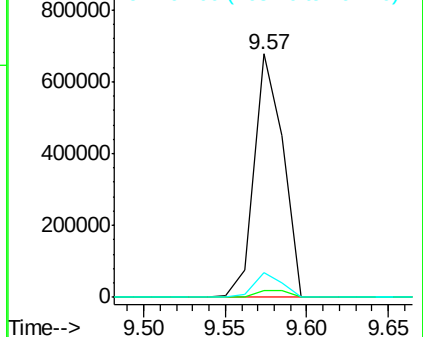
#49
Dimethylphthalate
Concen: 26.85 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 830618
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.3 7.8 11.8

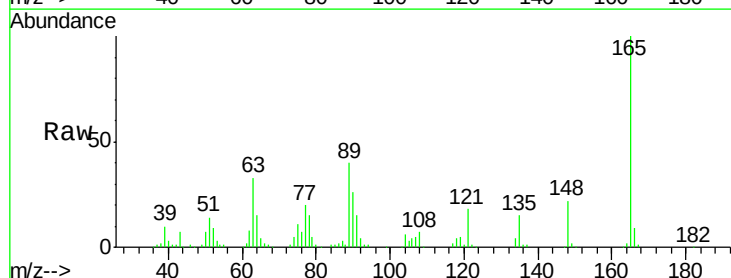


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

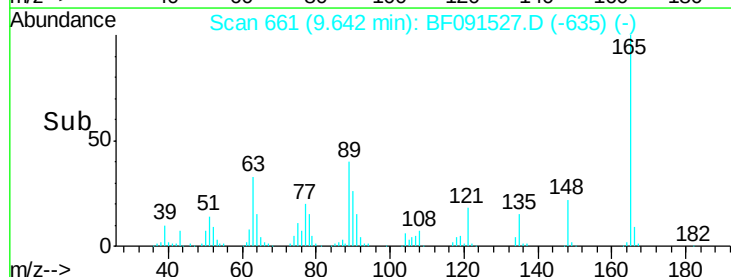
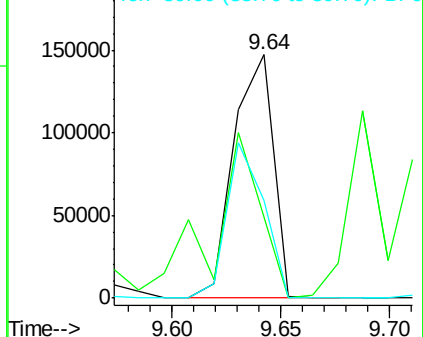


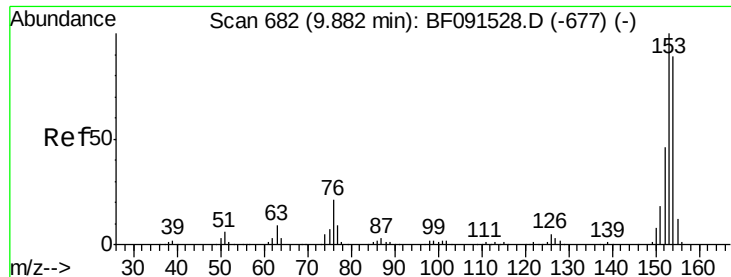
#50
2,6-Dinitrotoluene
Concen: 26.84 ng
RT: 9.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt Ion:165 Resp: 185582
Ion Ratio Lower Upper
165 100
63 33.2 59.4 89.0#
89 40.1 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: 25.30 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampled :

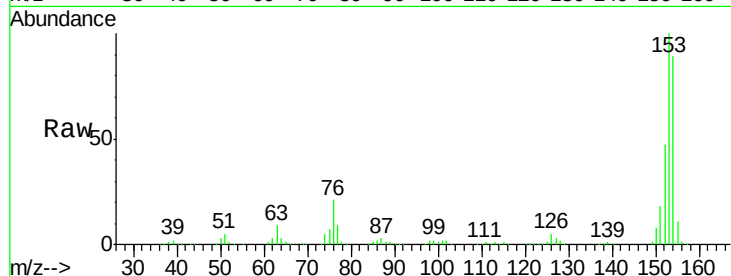
Tot Ion:154 Resp: 734842

Ion Ratio Lower Upper

154 100

153 112.1 91.0 136.6

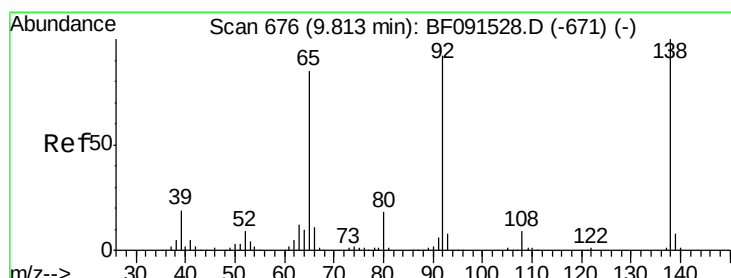
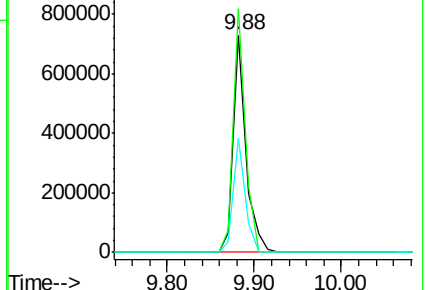
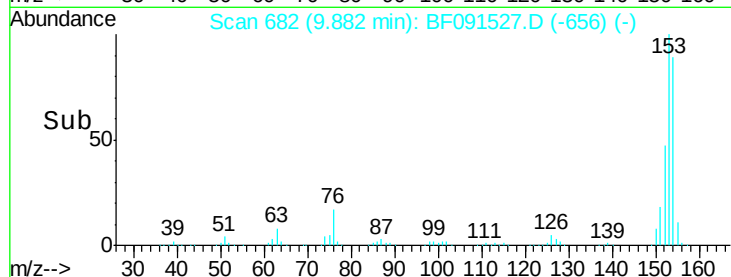
152 52.4 44.2 66.2



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: 26.19 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

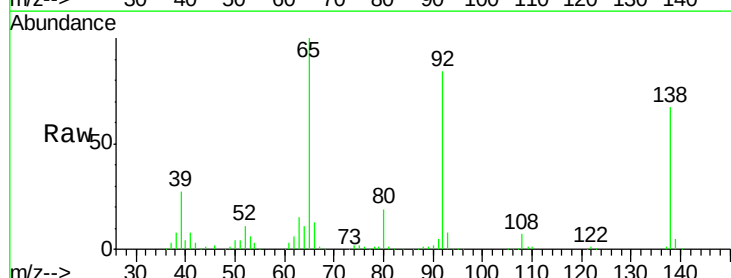
Tgt Ion:138 Resp: 209606

Ion Ratio Lower Upper

138 100

108 10.7 8.1 12.1

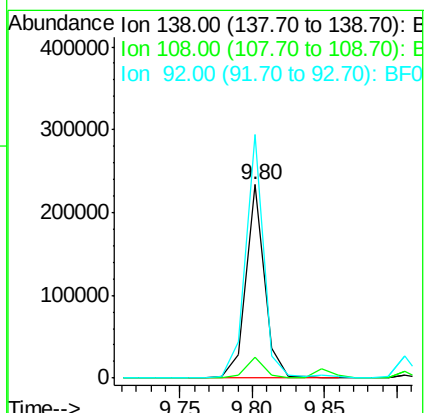
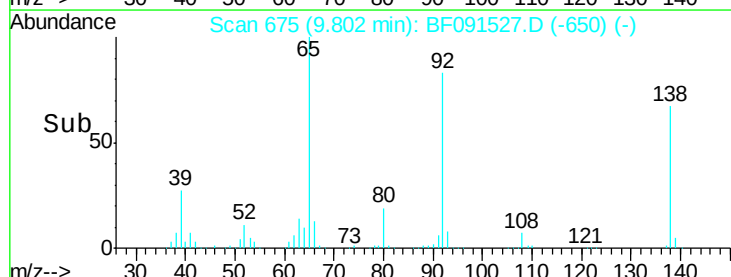
92 126.0 92.5 138.7

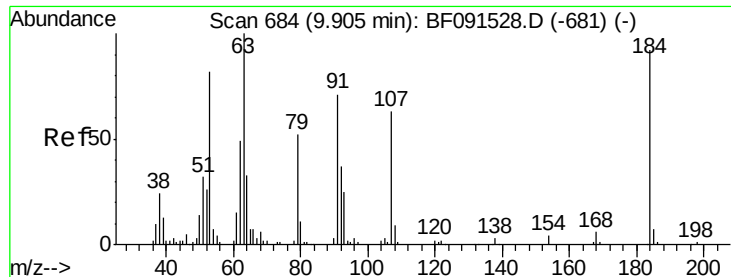


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

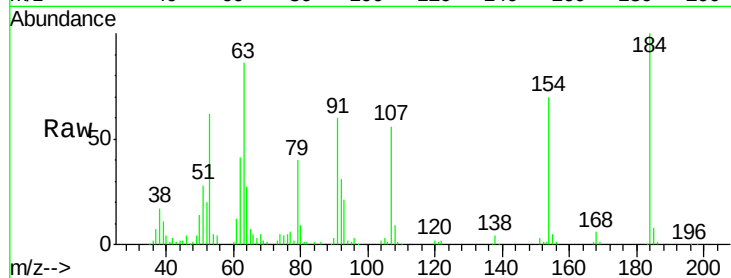




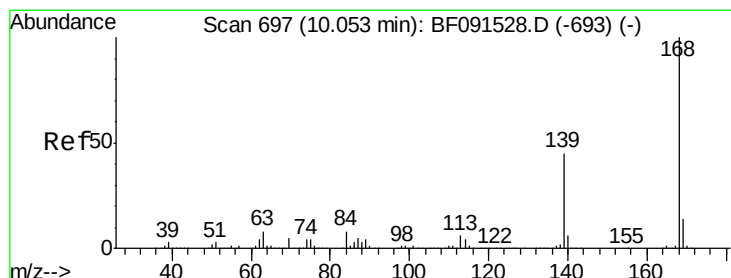
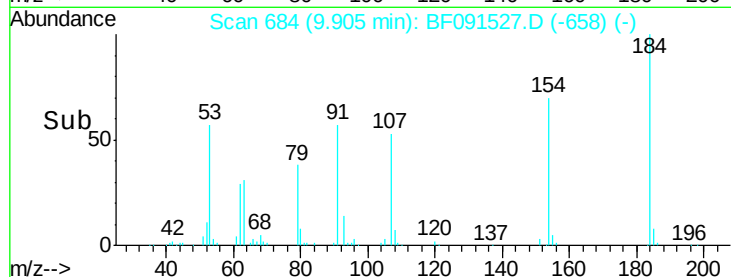
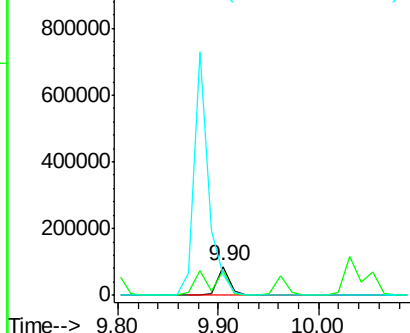
#53
2,4-Dinitrophenol
Concen: 25.11 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 75930
Ion Ratio Lower Upper
184 100
63 85.6 58.3 87.5
154 70.2 48.6 73.0

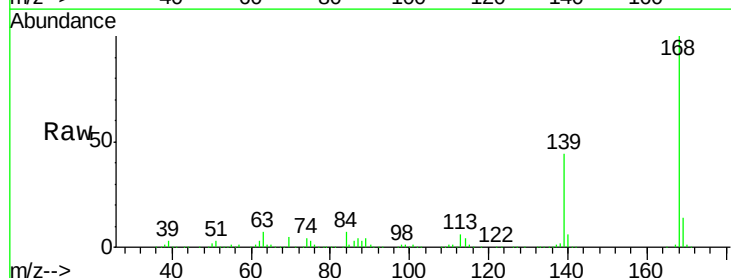


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

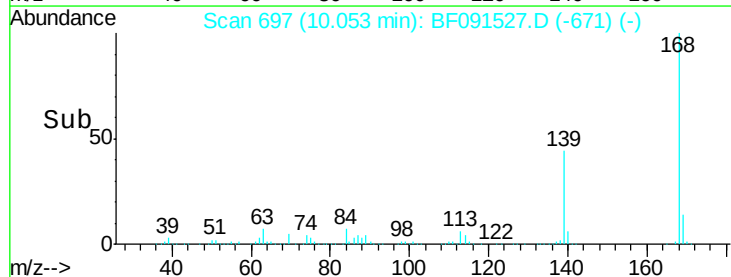
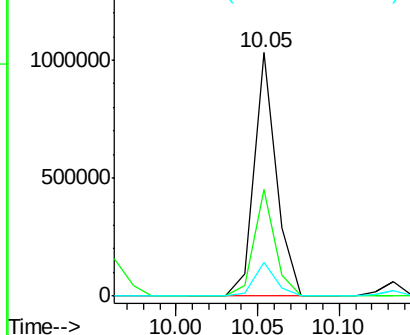


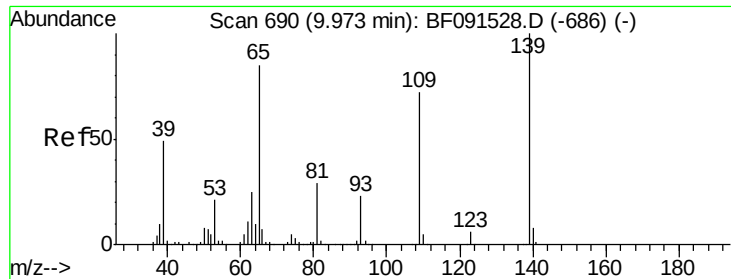
#54
Dibenzofuran
Concen: 25.01 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt Ion:168 Resp: 972919
Ion Ratio Lower Upper
168 100
139 43.6 33.4 50.2
169 13.7 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: 26.21 na

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampled :

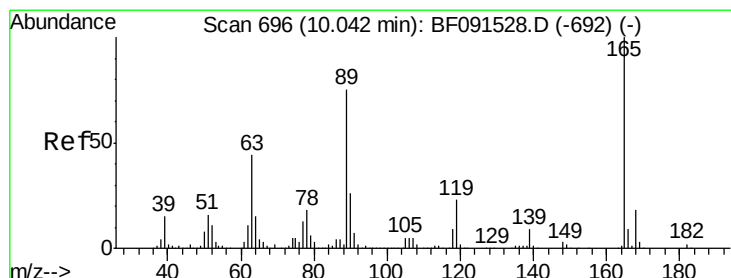
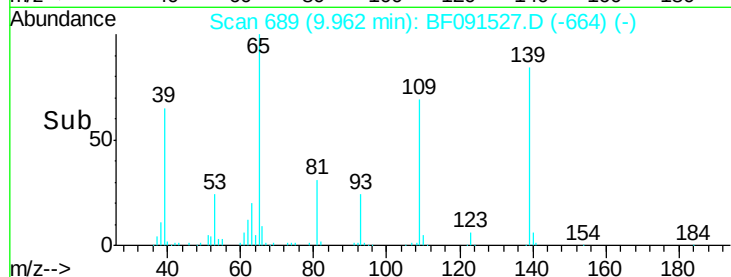
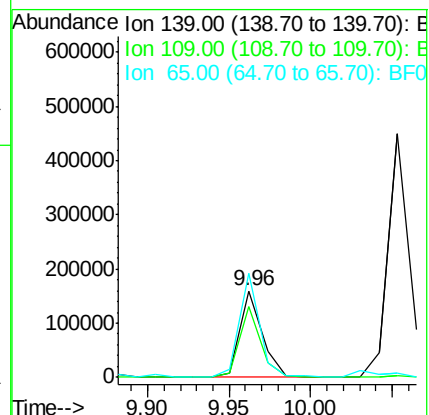
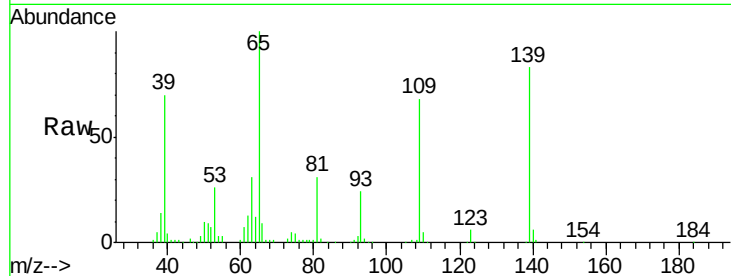
Tot Ion:139 Resp: 151486

Ion Ratio Lower Upper

139 100

109 81.9 54.9 94.9

65 120.5 102.2 142.2



#56

2,4-Dinitrotoluene

Concen: 26.09 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Tgt Ion:165 Resp: 234013

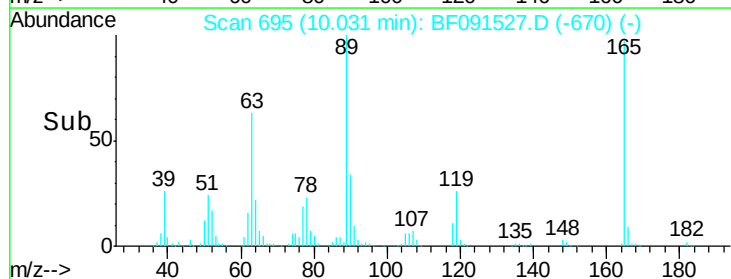
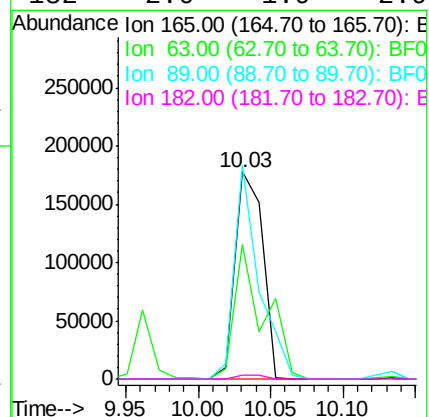
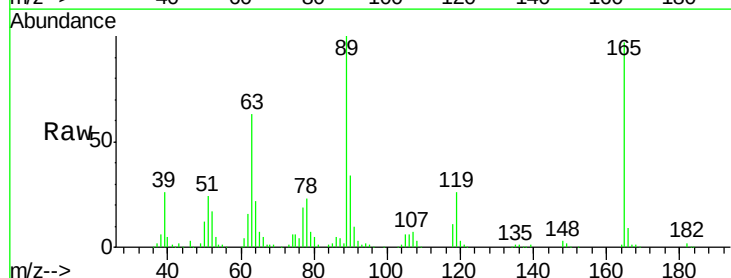
Ion Ratio Lower Upper

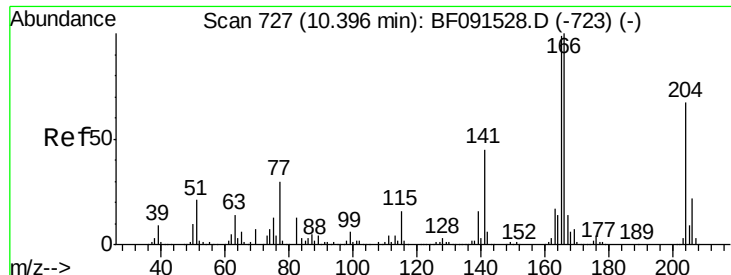
165 100

63 65.2 29.0 43.4#

89 103.2 43.1 64.7#

182 2.0 1.9 2.9

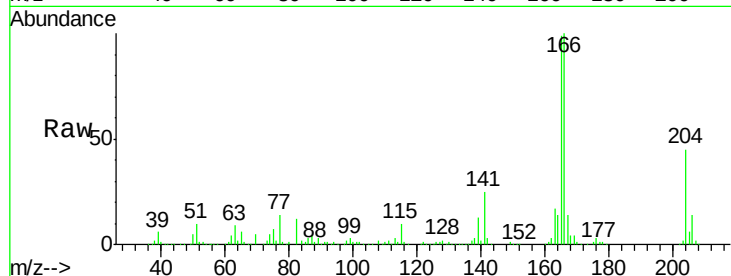




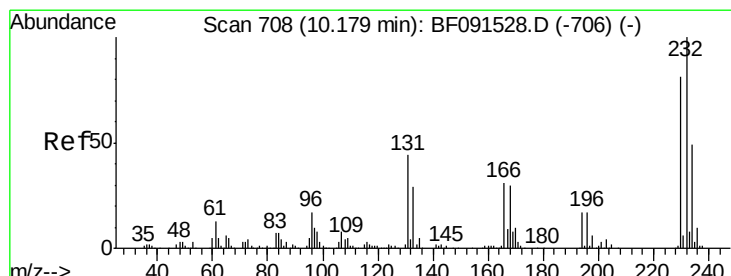
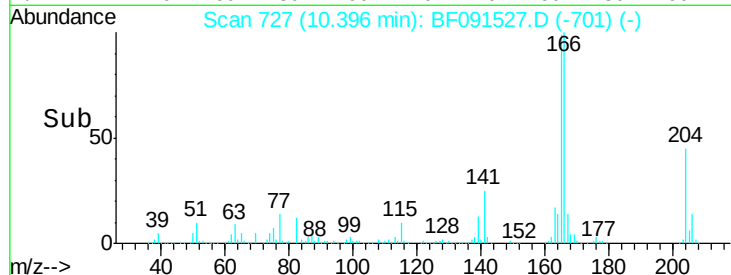
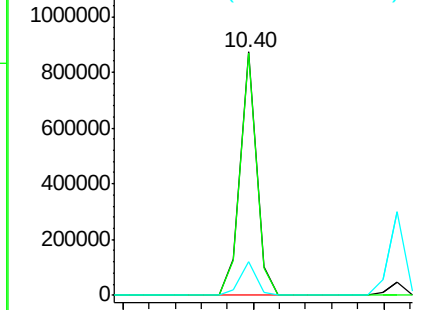
#57
 Fluorene
 Concen: 25.55 ng
 RT: 10.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 762898
 Ion Ratio Lower Upper
 166 100
 165 99.4 80.0 120.0
 167 13.8 10.8 16.2

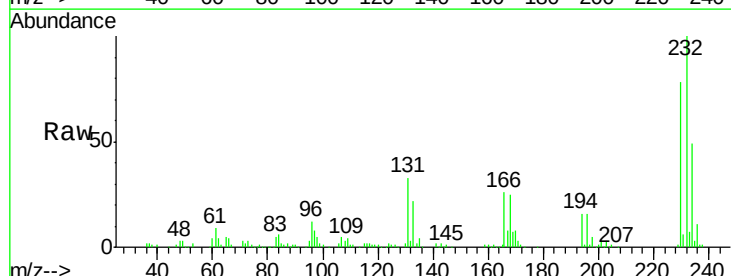


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

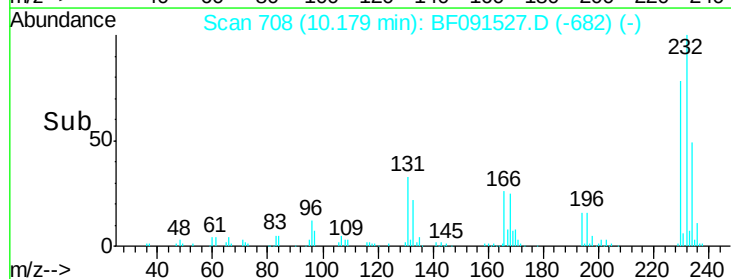
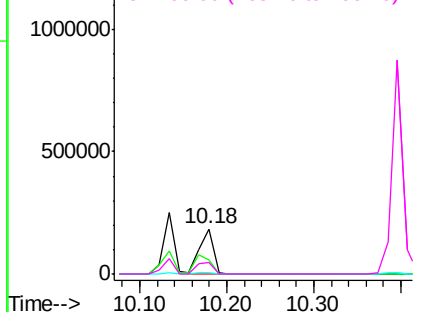


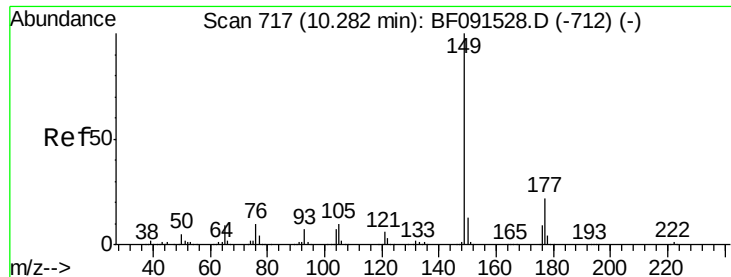
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.09 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

Tgt Ion:232 Resp: 201014
 Ion Ratio Lower Upper
 232 100
 131 50.2 38.4 57.6
 130 2.3 1.8 2.8
 166 31.6 23.9 35.9



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

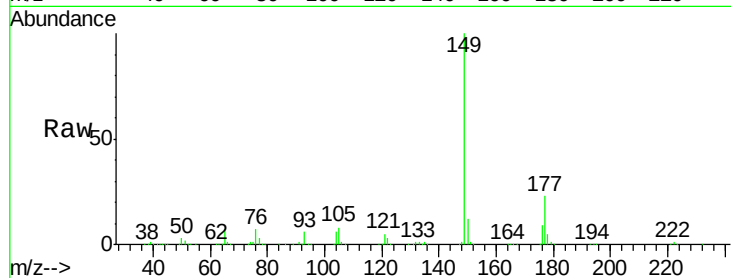




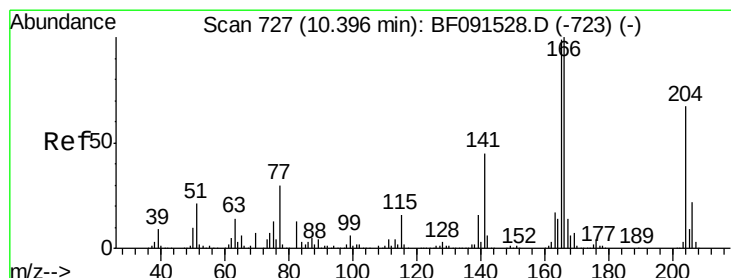
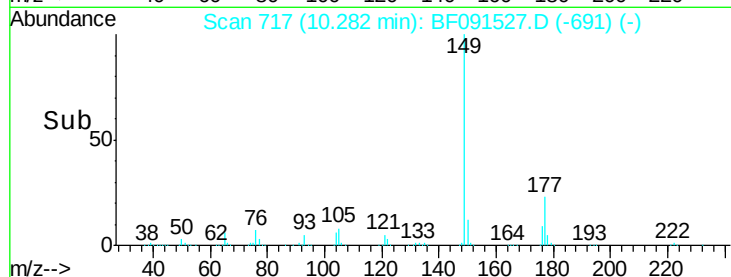
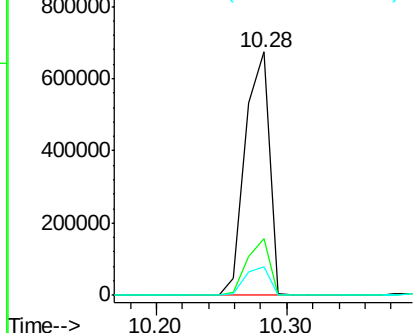
#59
Diethylphthalate
Concen: 28.34 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 865445
Ion Ratio Lower Upper
149 100
177 23.3 15.7 23.5
150 11.8 10.2 15.2

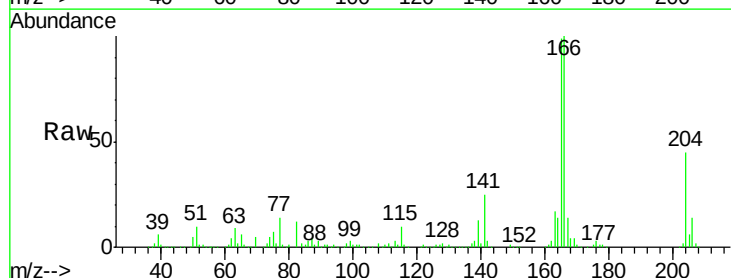


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

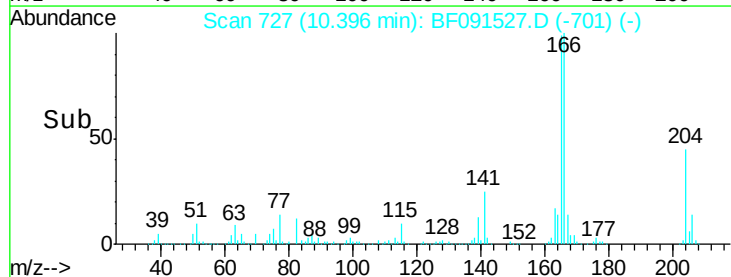
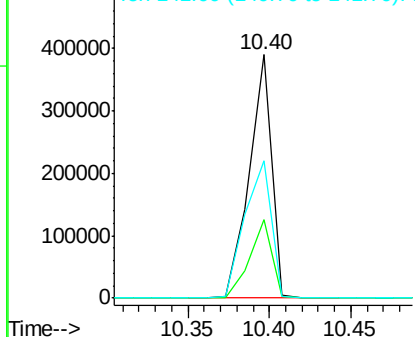


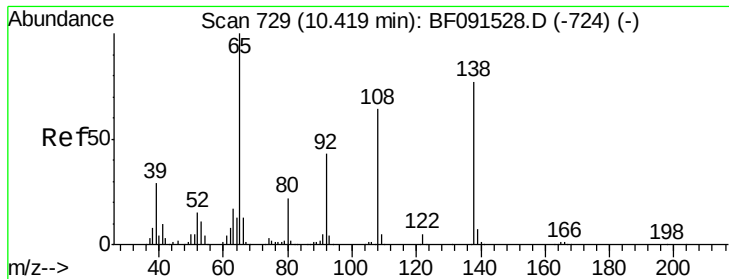
#60
4-Chlorophenyl-phenylether
Concen: 24.83 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt Ion:204 Resp: 371899
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 56.2 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

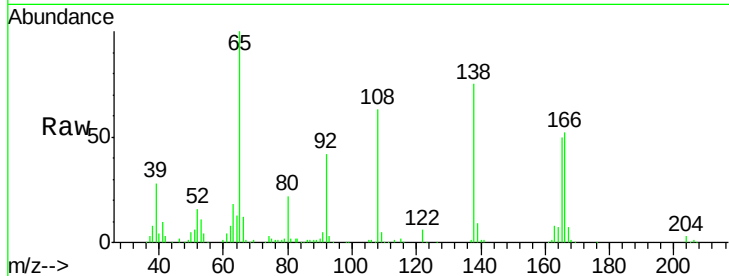




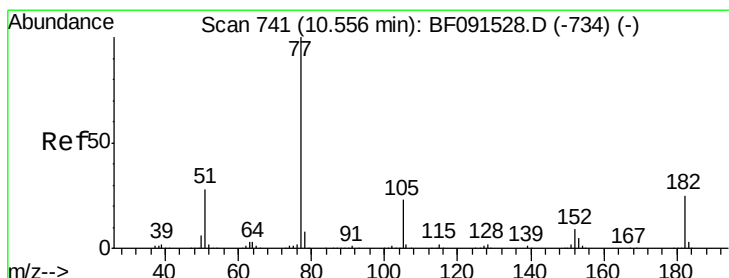
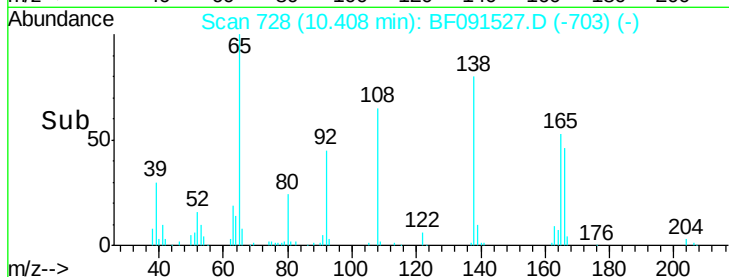
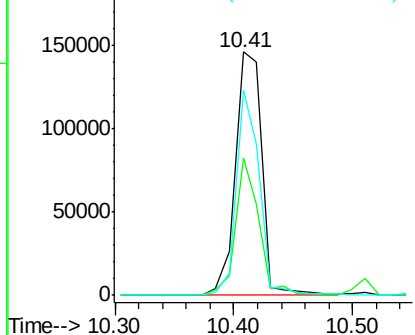
#61
4-Nitroaniline
Concen: 30.24 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 227251
Ion Ratio Lower Upper
138 100
92 56.6 26.9 66.9
108 84.3 49.1 89.1

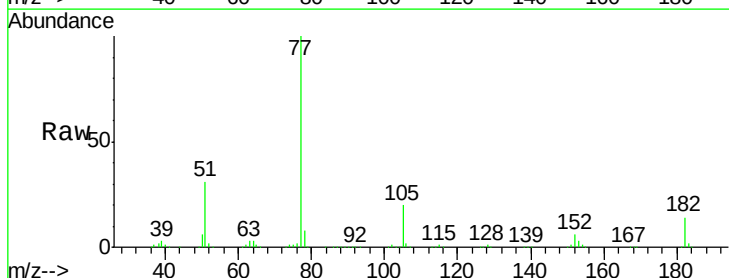


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

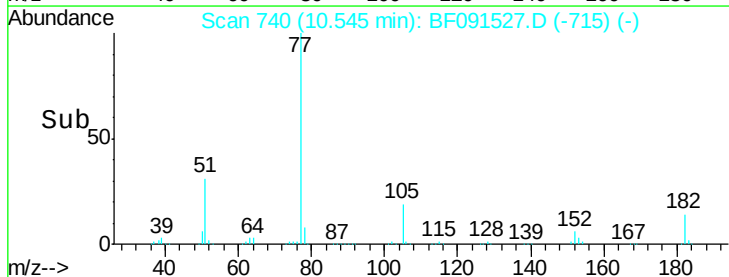
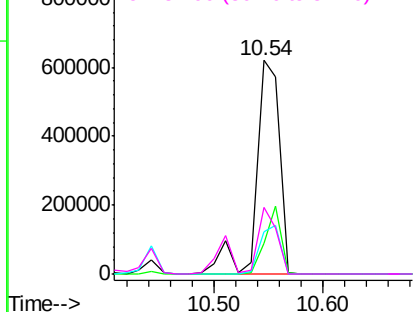


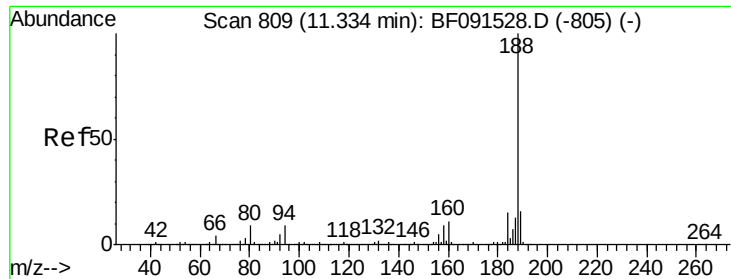
#62
Azobenzene
Concen: 30.01 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt Ion: 77 Resp: 935137
Ion Ratio Lower Upper
77 100
182 14.2 12.5 52.5
105 19.7 3.7 43.7
51 31.5 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

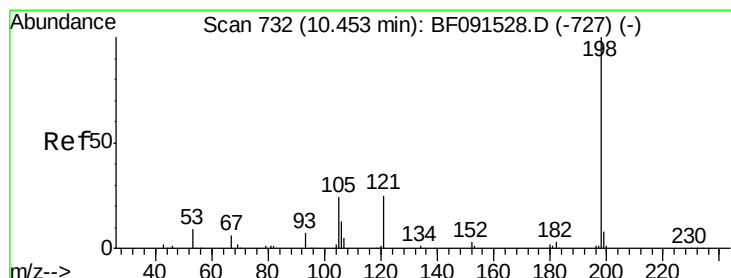
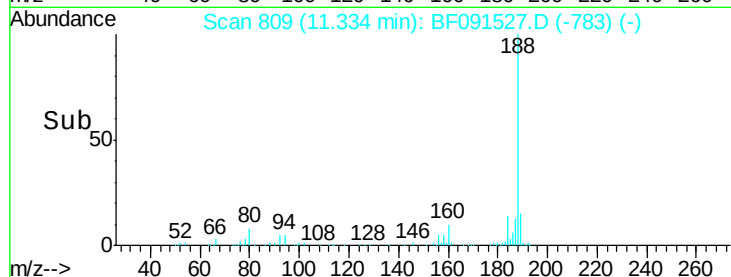
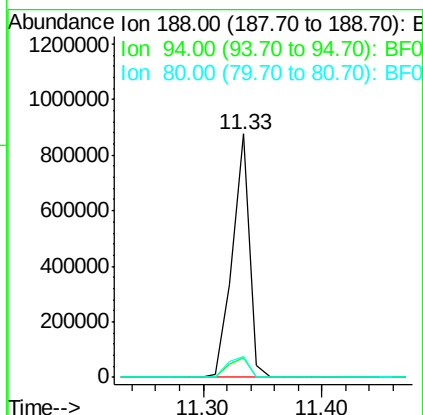
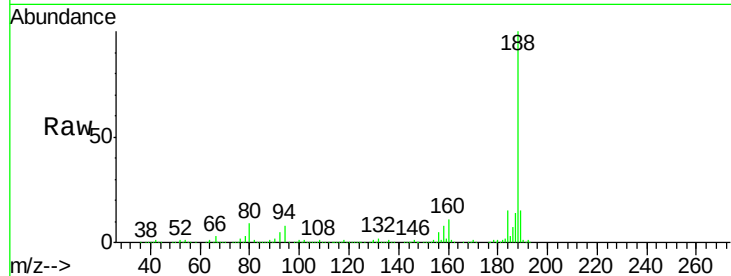




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

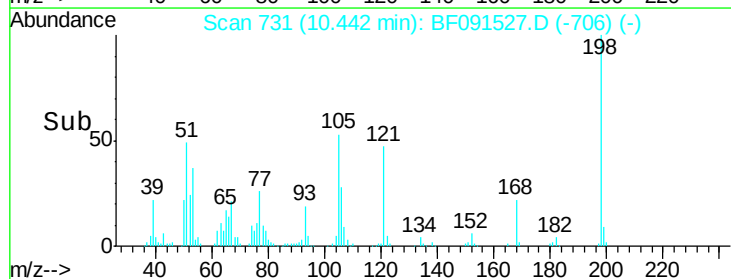
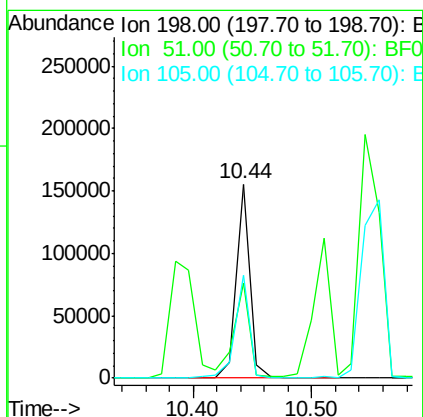
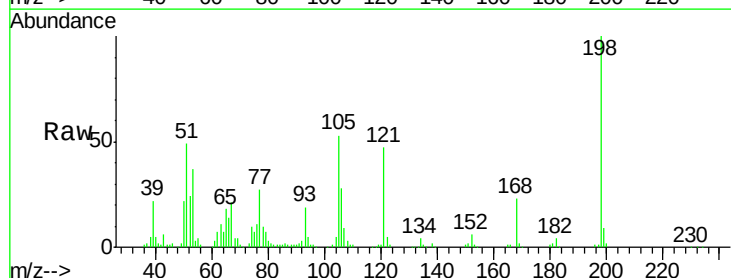
Instrument :
BNA_F
ClientSampleId :

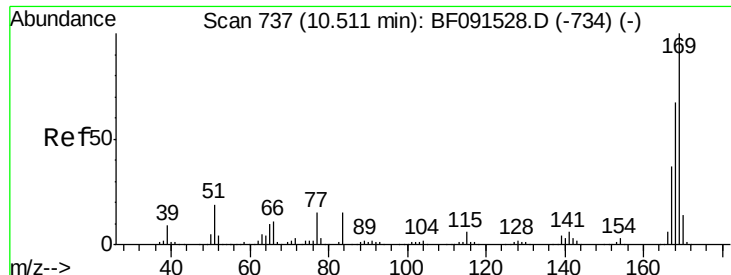
Tot Ion:188 Resp: 872867
Ion Ratio Lower Upper
188 100
94 8.1 9.2 13.8#
80 8.7 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 25.89 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt Ion:198 Resp: 124521
Ion Ratio Lower Upper
198 100
51 49.0 77.1 117.1#
105 53.1 44.8 84.8

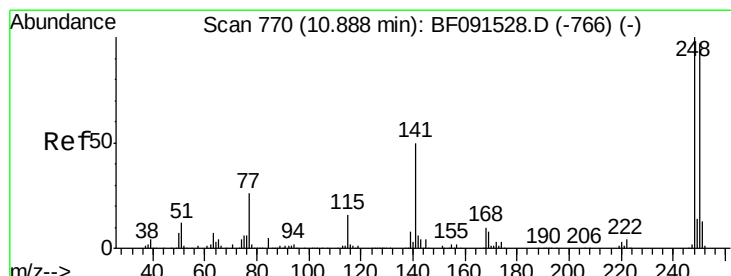
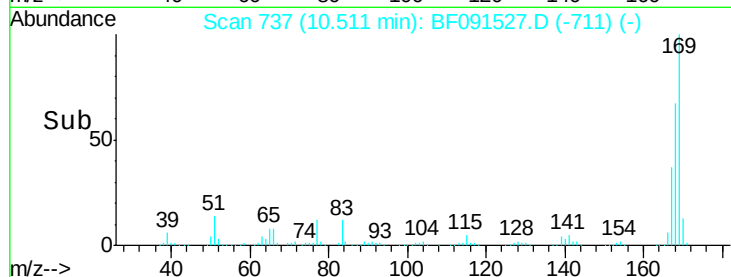
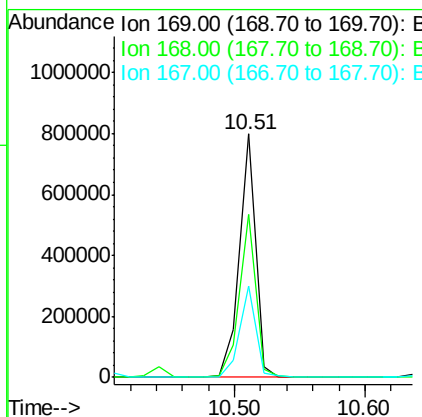
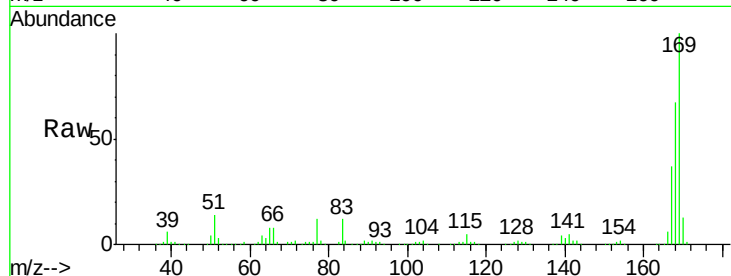




#65
 n-Nitrosodiphenylamine
 Concen: 26.00 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

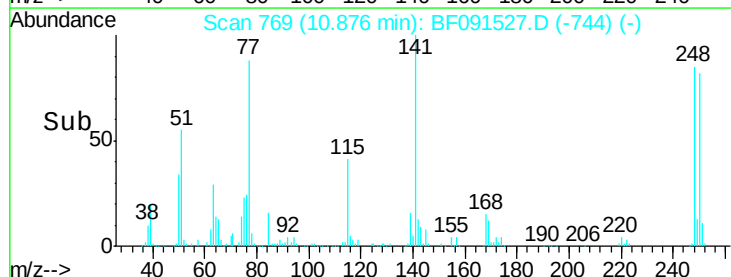
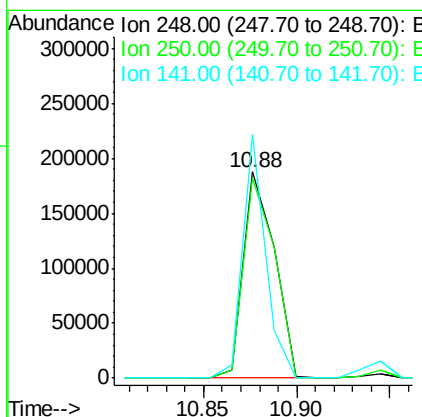
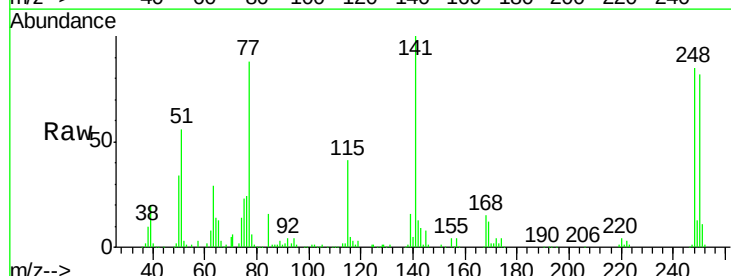
Instrument :
 BNA_F
 ClientSampleId :

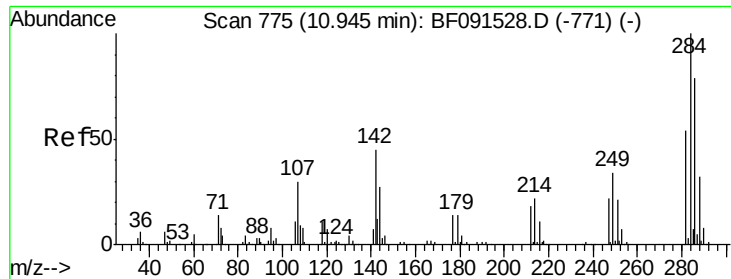
Tot Ion:169 Resp: 688089
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.8 80.8
 167 37.4 29.8 44.8



#66
 4-Bromophenyl-phenylether
 Concen: 23.08 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

Tgt Ion:248 Resp: 216507
 Ion Ratio Lower Upper
 248 100
 250 96.9 78.2 117.4
 141 118.0 71.9 107.9#





#67

Hexachlorobenzene

Concen: 23.62 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampleId :

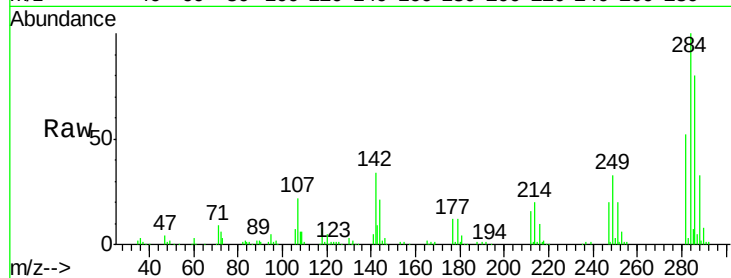
Tot Ion:284 Resp: 239408

Ion Ratio Lower Upper

284 100

142 34.4 17.9 26.9#

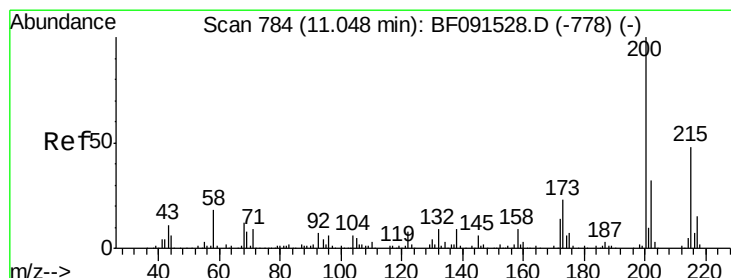
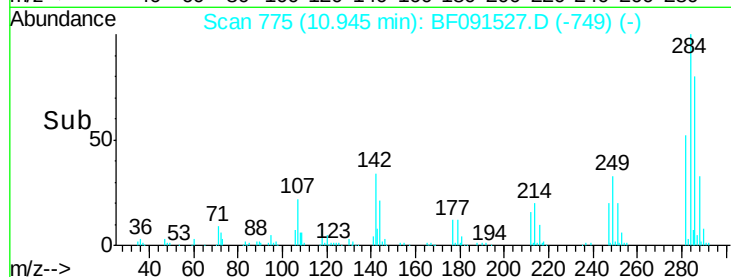
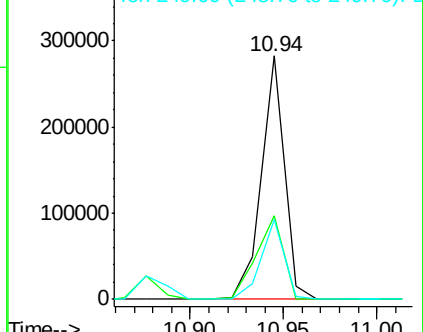
249 32.8 23.6 35.4



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: 23.61 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

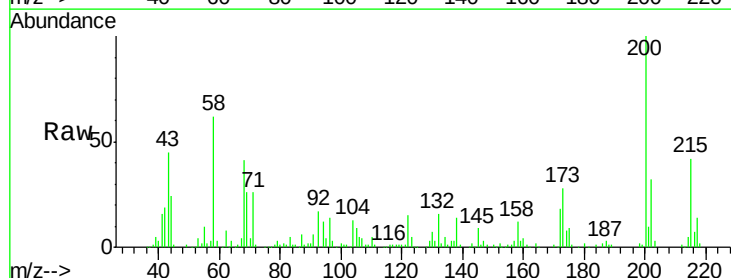
Tgt Ion:200 Resp: 202363

Ion Ratio Lower Upper

200 100

173 28.3 7.8 47.8

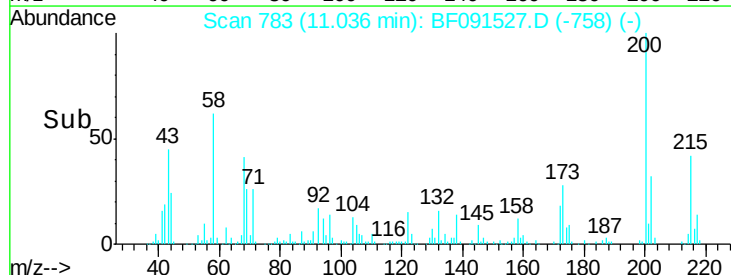
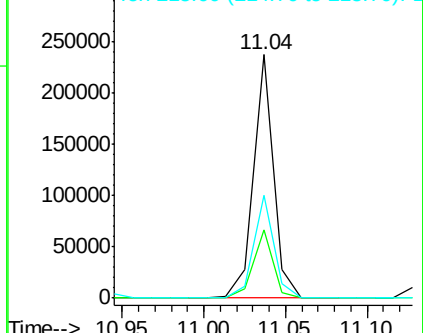
215 42.0 24.3 64.3

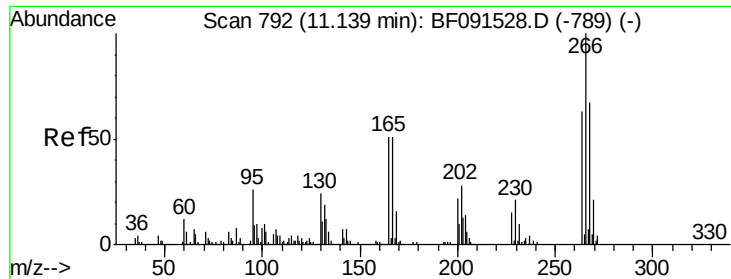


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

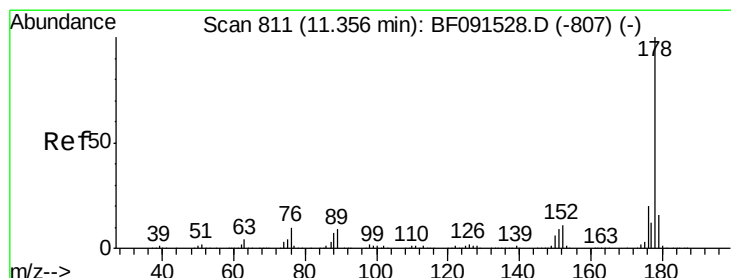
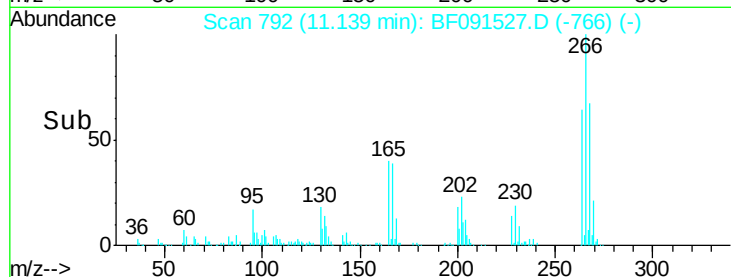
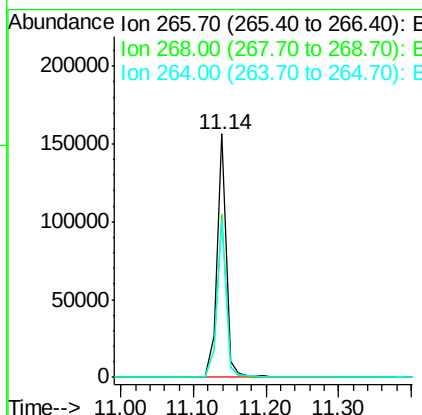
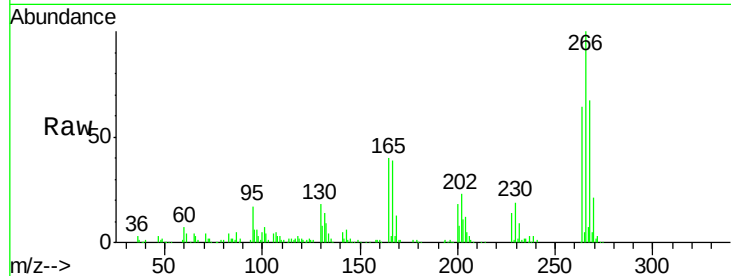




#69
 Pentachlorophenol
 Concen: 23.18 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

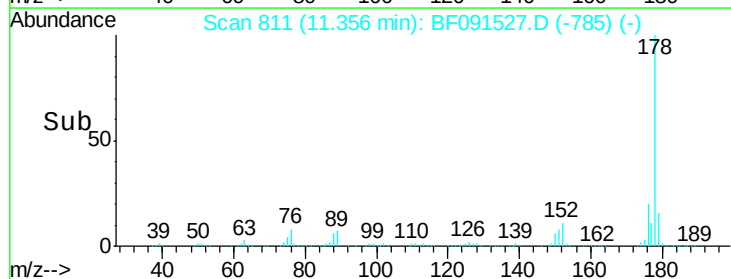
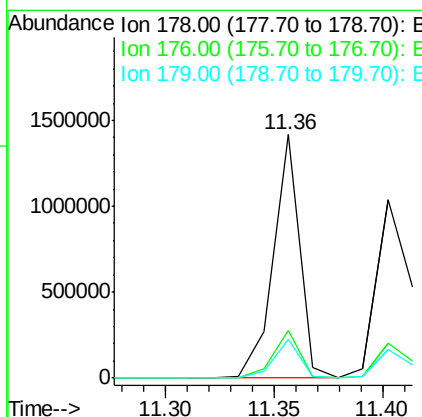
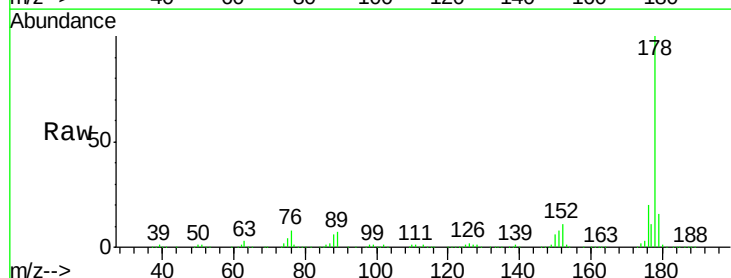
Instrument :
 BNA_F
 ClientSampleId :

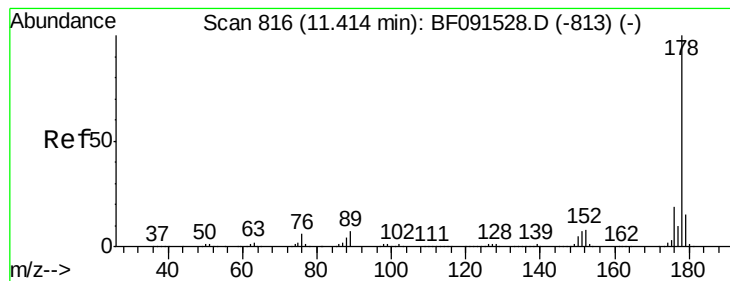
Tot Ion:266 Resp: 138349
 Ion Ratio Lower Upper
 266 100
 268 66.8 50.3 75.5
 264 64.3 48.2 72.2



#70
 Phenanthrene
 Concen: 26.67 ng
 RT: 11.36 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

Tgt Ion:178 Resp: 1209630
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 15.7 12.6 18.8





#71

Anthracene

Concen: 25.22 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampleId :

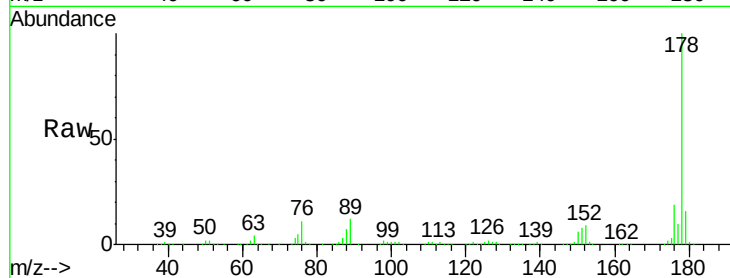
Tot Ion:178 Resp: 1135138

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

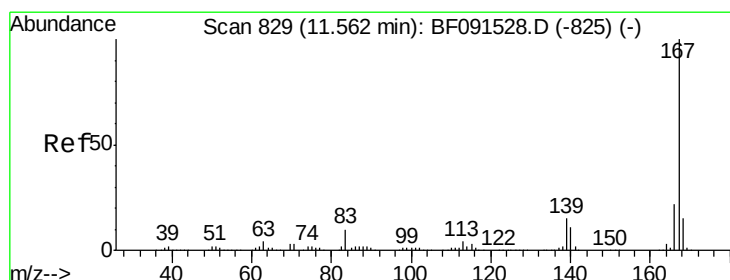
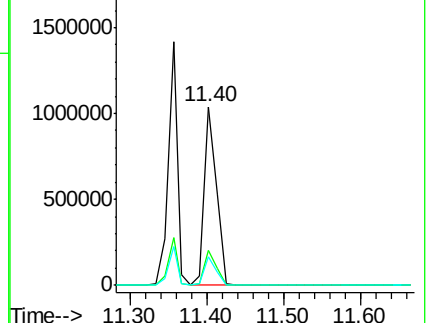
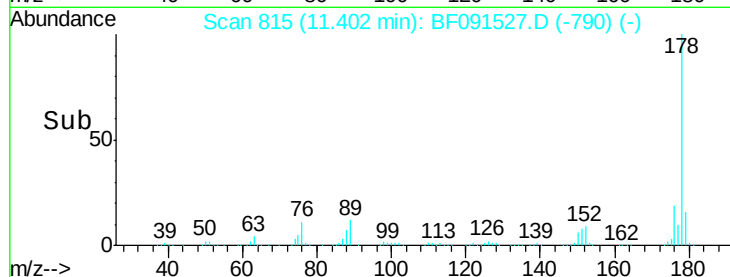
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 26.77 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

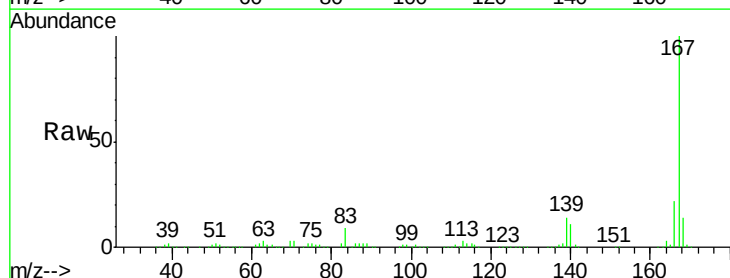
Tgt Ion:167 Resp: 1093381

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

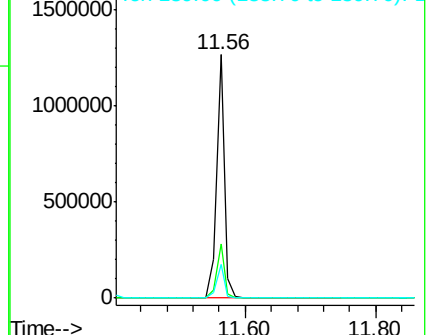
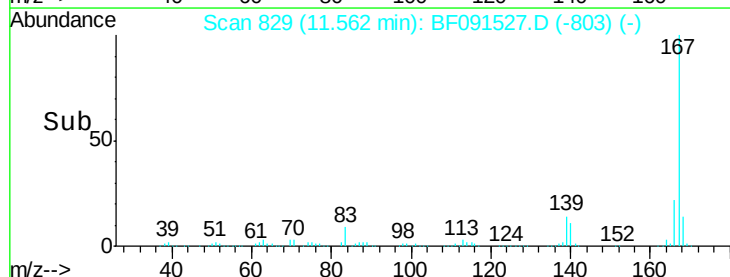
139 14.0 11.5 17.3

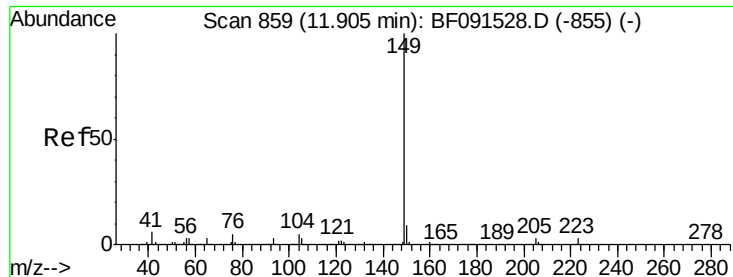


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 27.62 ng

RT: 11.91 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampled :

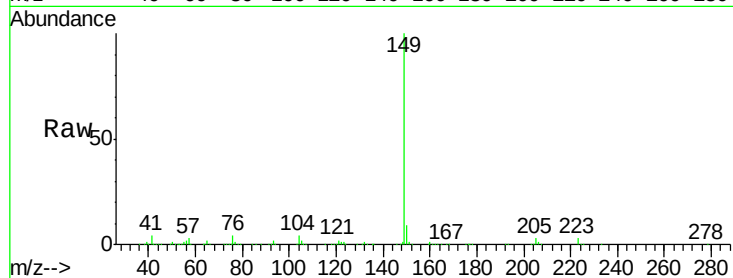
Tot Ion:149 Resp: 1278426

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

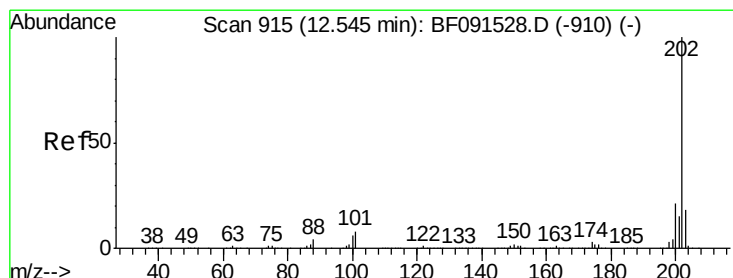
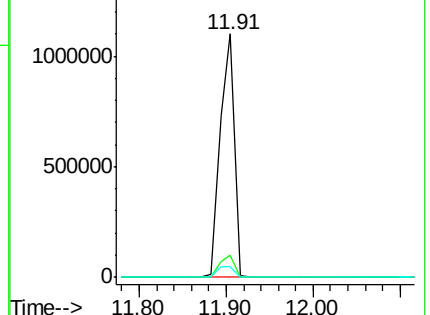
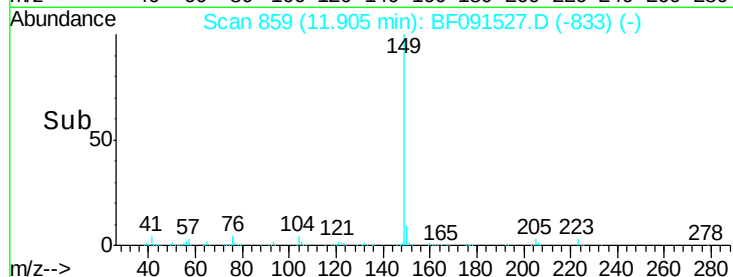
104 4.3 4.0 6.0



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: 27.51 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

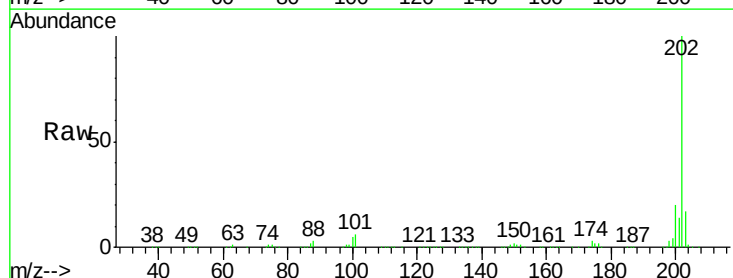
Tgt Ion:202 Resp: 1181817

Ion Ratio Lower Upper

202 100

101 6.1 0.0 29.5

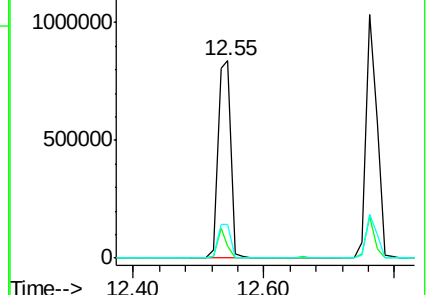
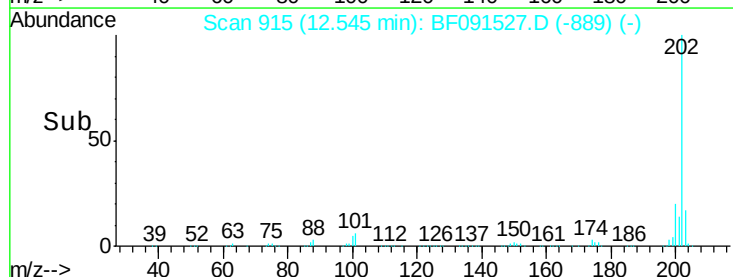
203 17.2 0.0 37.8

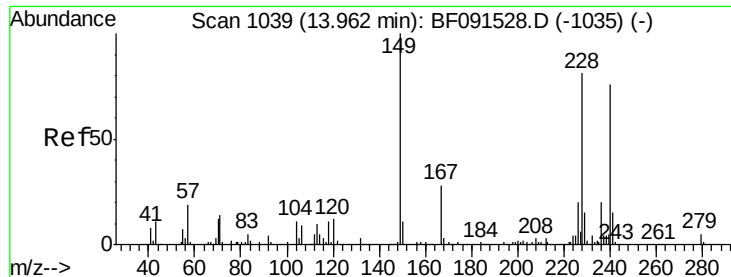


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

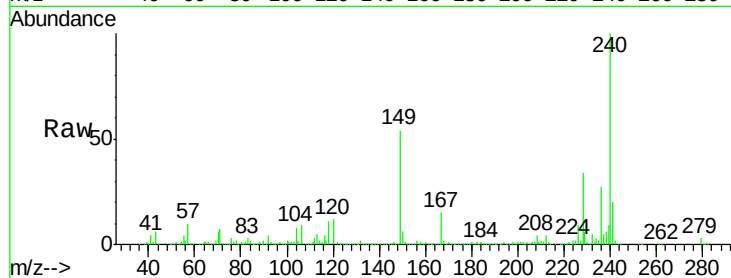
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 648561

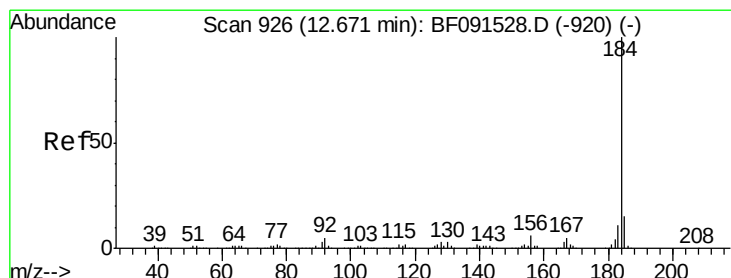
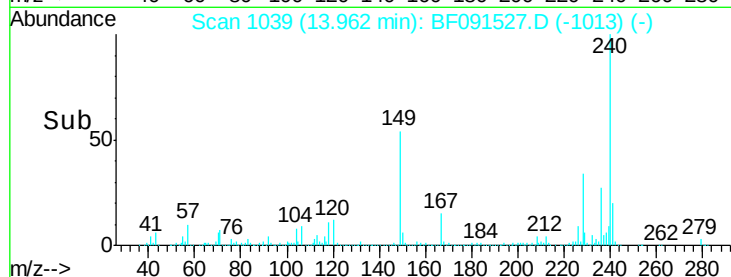
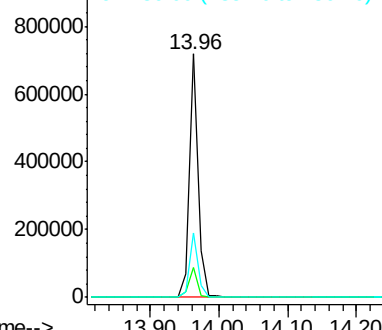
Ion	Ratio	Lower	Upper
240	100		
120	12.2	12.1	18.1
236	26.6	21.0	31.6



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: 26.56 ng

RT: 12.66 min Scan# 925

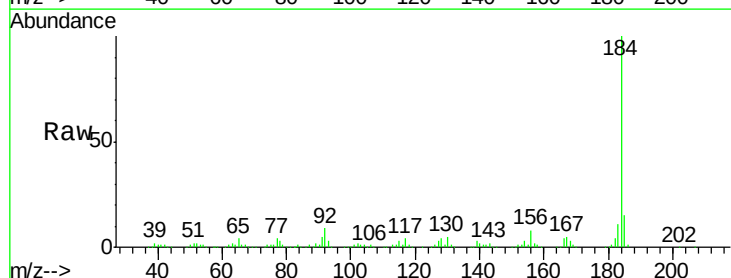
Delta R.T. -0.01 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Tgt Ion:184 Resp: 505747

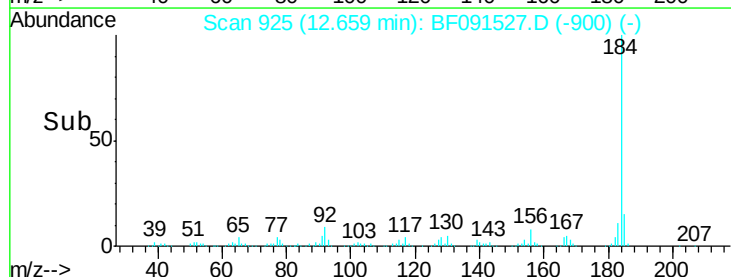
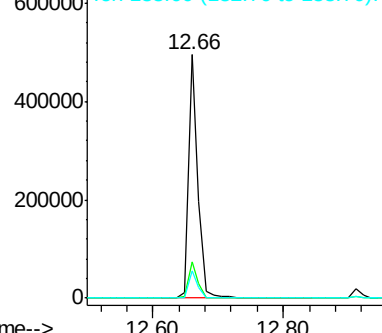
Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.1	19.7
183	11.1	8.9	13.3

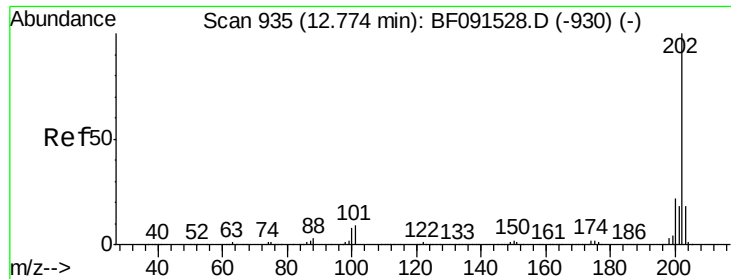


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



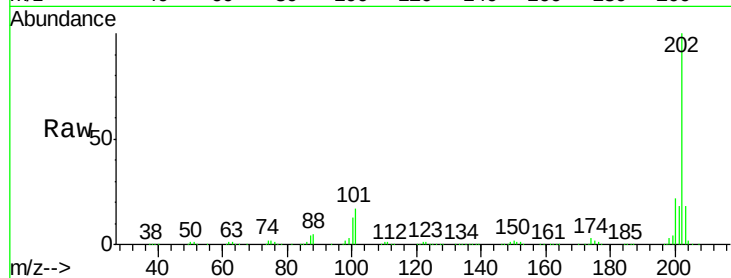


#77
Pvrene
Concen: 23.86 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

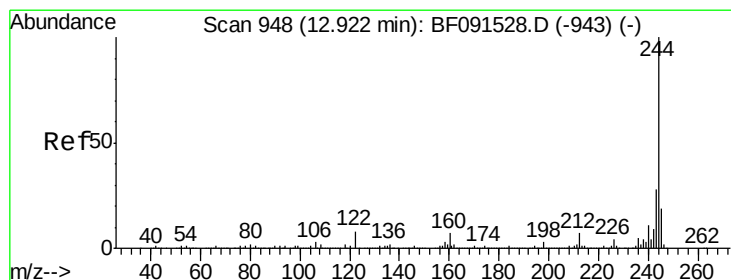
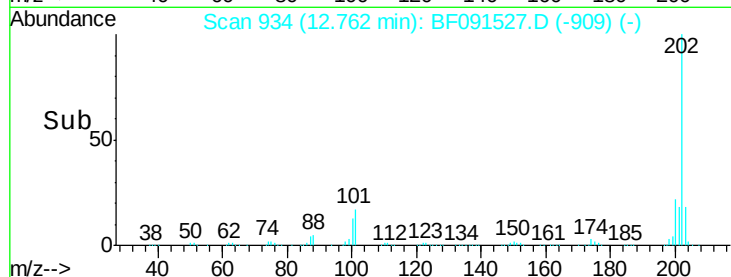
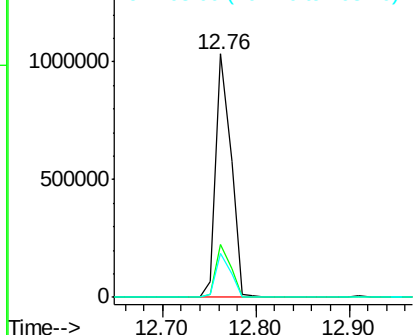
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1174467

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.2	14.0	21.0



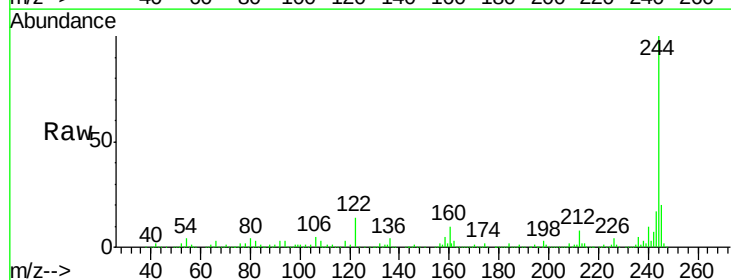
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



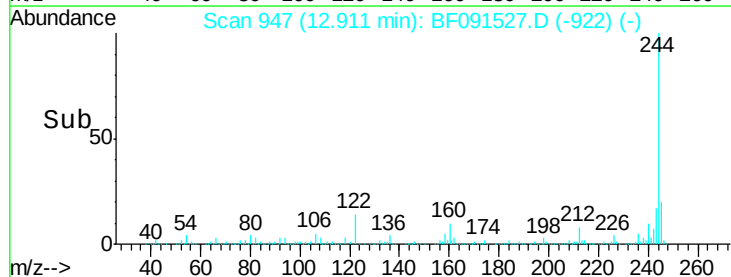
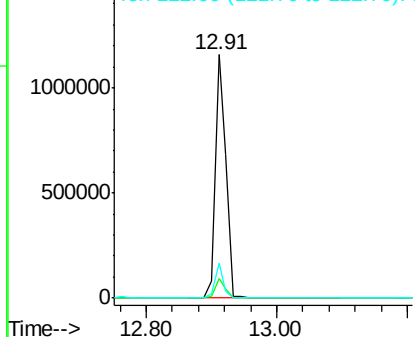
#78
Terphenyl-d14
Concen: 45.03 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

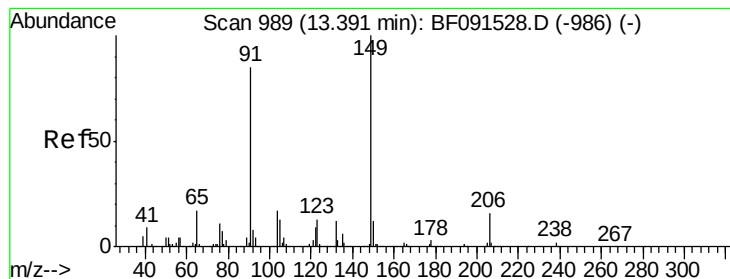
Tgt Ion:244 Resp: 1343530

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	14.4	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: 26.79 ng

RT: 13.39 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampleId :

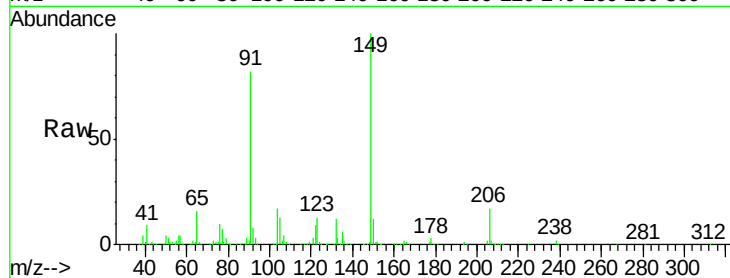
Tot Ion:149 Resp: 493784

Ion Ratio Lower Upper

149 100

91 82.3 57.4 86.2

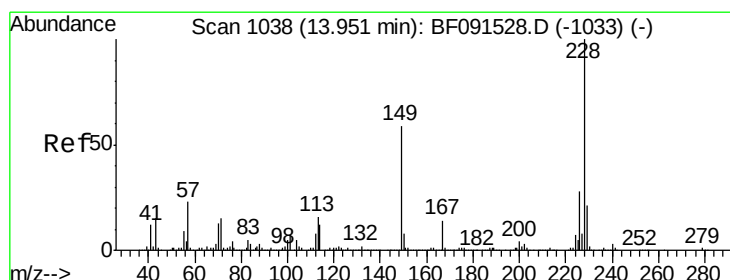
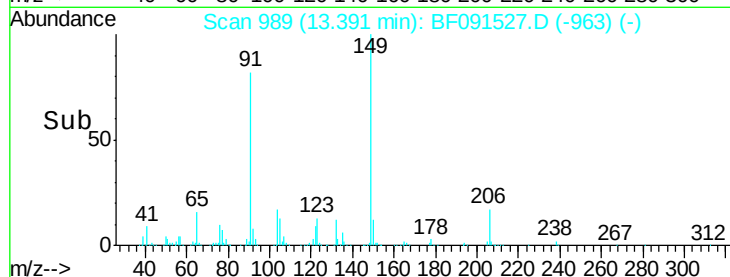
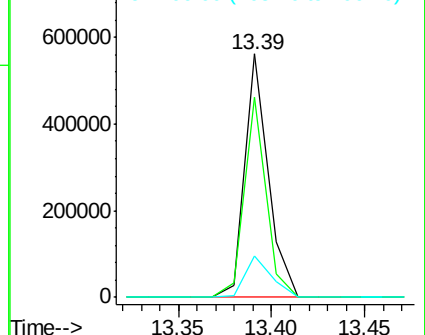
206 16.8 15.4 23.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 24.86 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

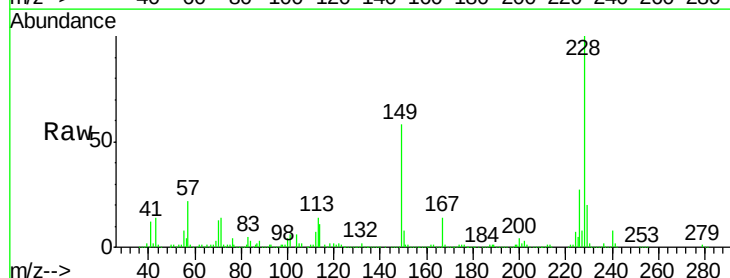
Tgt Ion:228 Resp: 942765

Ion Ratio Lower Upper

228 100

226 27.1 22.5 33.7

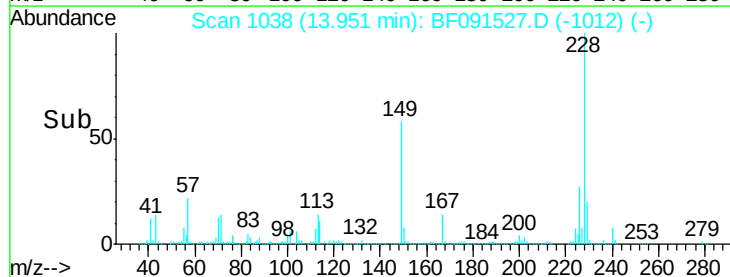
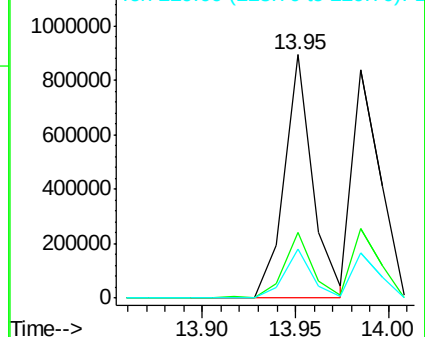
229 20.1 16.4 24.6

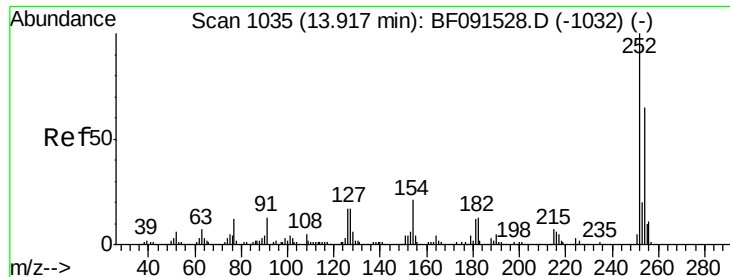


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

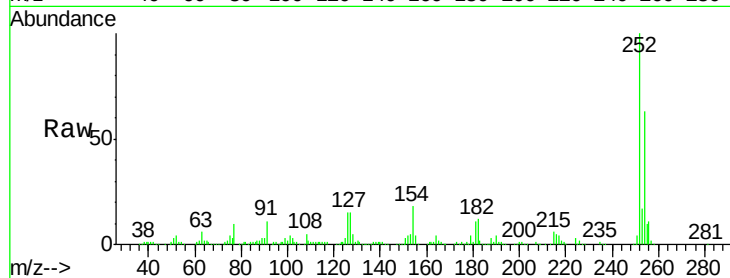




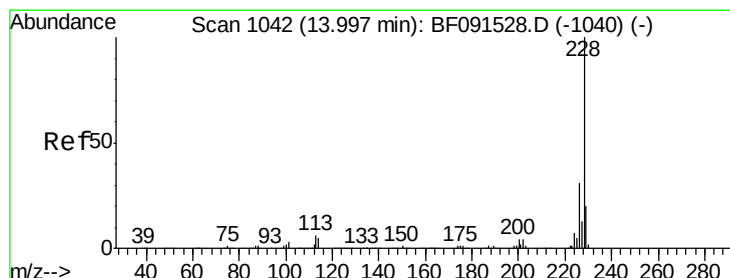
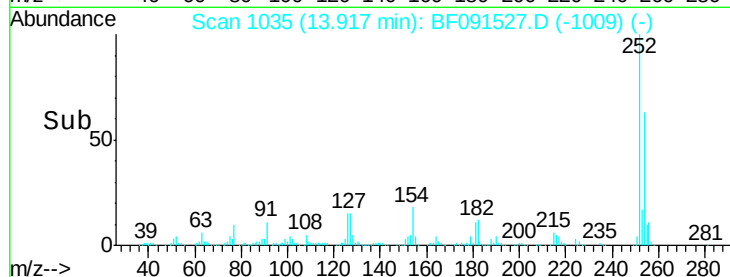
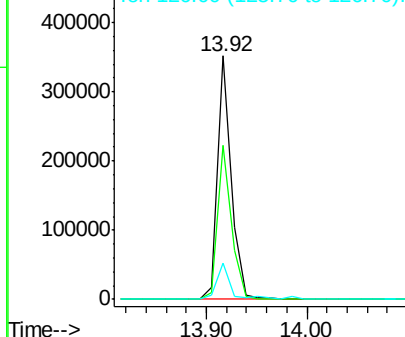
#81
 3,3'-Dichlorobenzidine
 Concen: 25.09 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 335304
 Ion Ratio Lower Upper
 252 100
 254 63.1 52.1 78.1
 126 15.0 7.5 11.3#

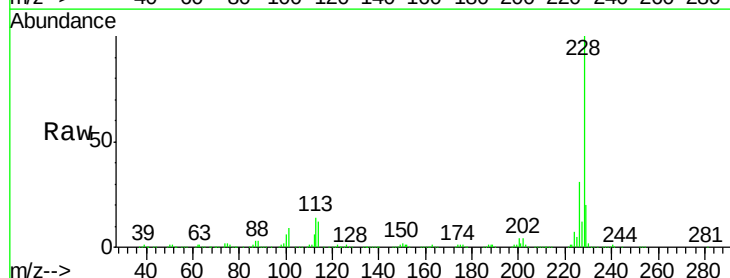


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

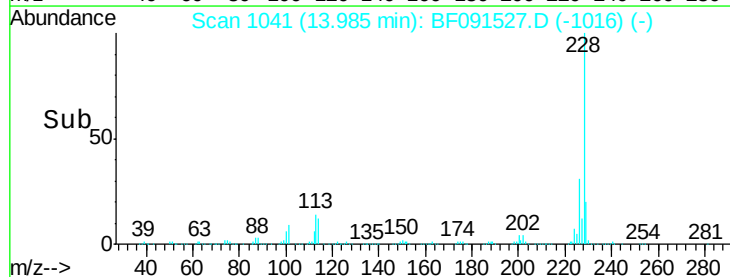
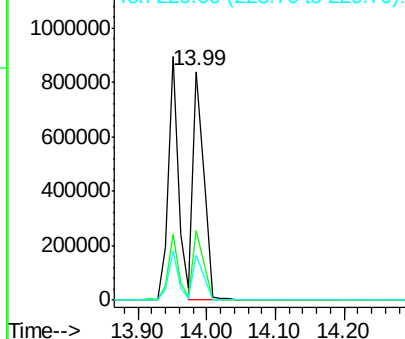


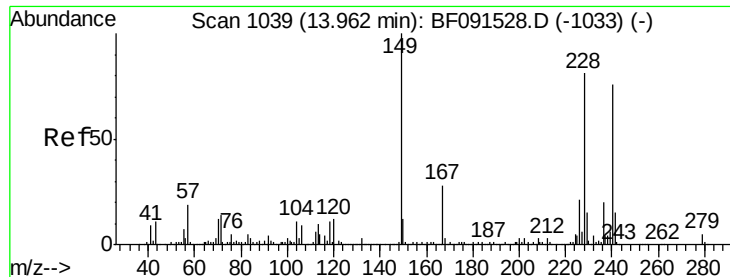
#82
 Chrysene
 Concen: 23.55 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF091527.D
 Acq: 9 Dec 2016 14:49

Tgt Ion:228 Resp: 883906
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.4
 229 20.0 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: 27.41 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampleId :

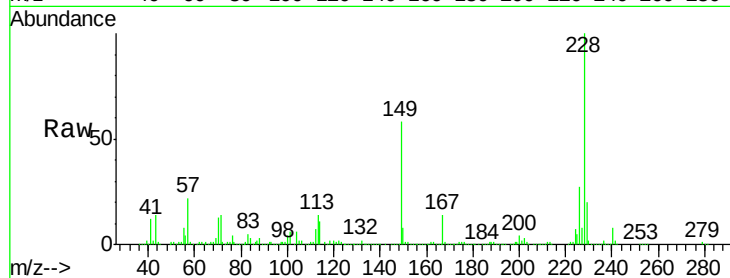
Tot Ion:149 Resp: 640320

Ion Ratio Lower Upper

149 100

167 23.9 19.6 29.4

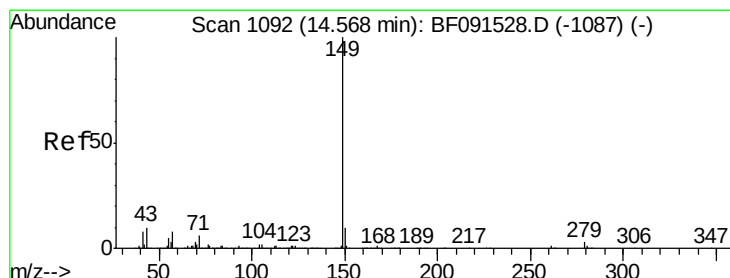
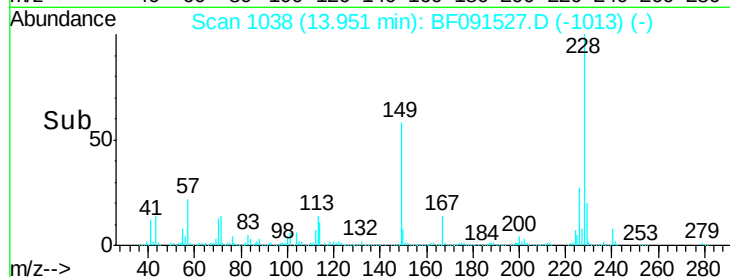
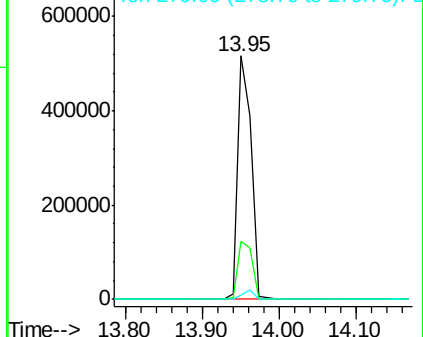
279 1.6 1.9 2.9#



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: 32.07 ng

RT: 14.57 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

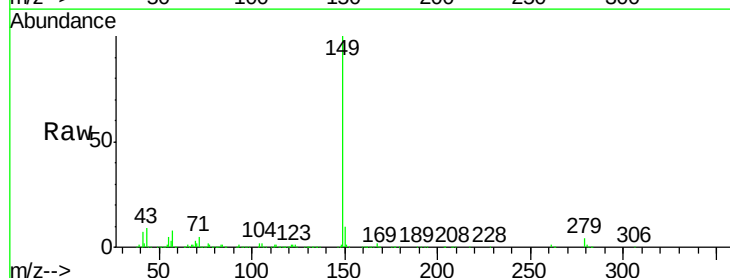
Tgt Ion:149 Resp: 1133719

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

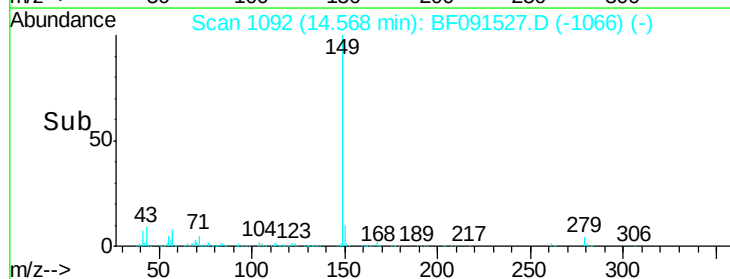
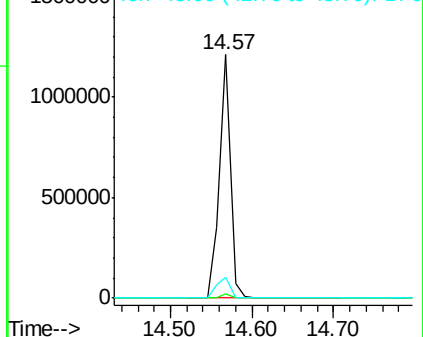
43 10.9 11.9 17.9#

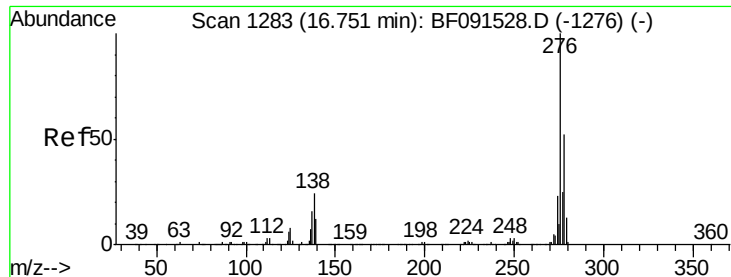


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

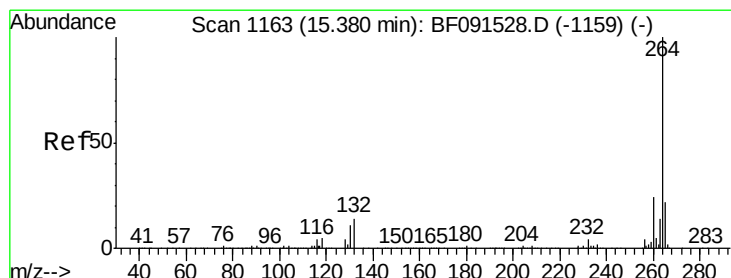
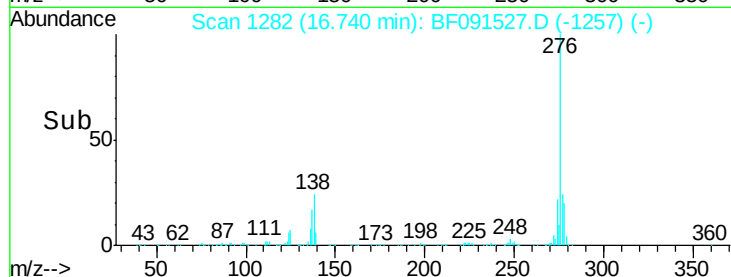
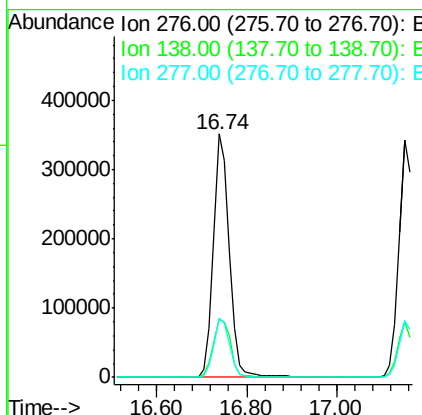
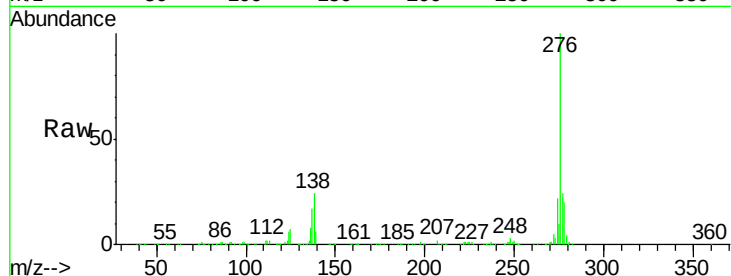




#85
Indeno(1,2,3-cd)pyrene
Concen: 25.35 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

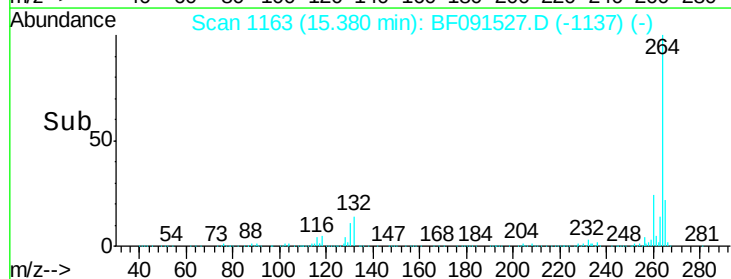
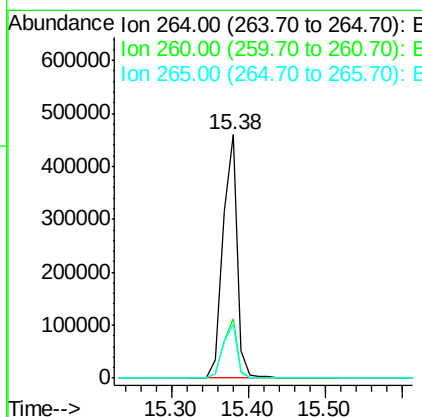
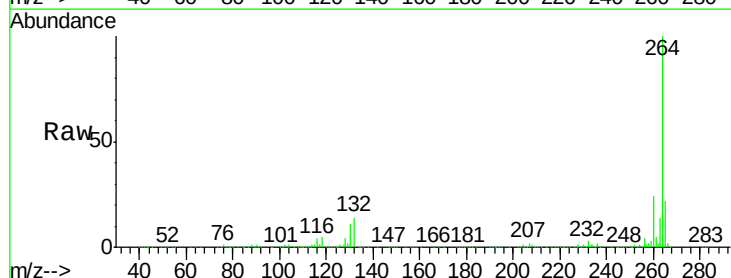
Instrument :
BNA_F
ClientSampleId :

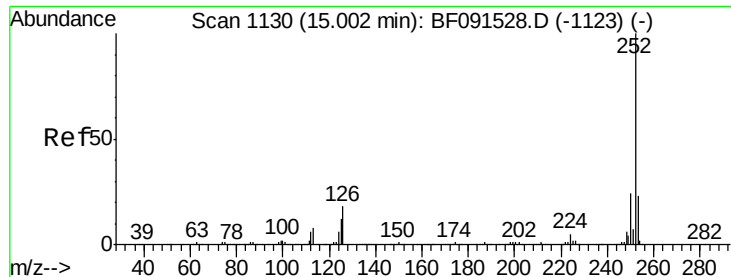
Tot Ion:276 Resp: 871398
Ion Ratio Lower Upper
276 100
138 26.6 21.0 31.4
277 24.6 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt Ion:264 Resp: 605052
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 22.2 17.0 25.6

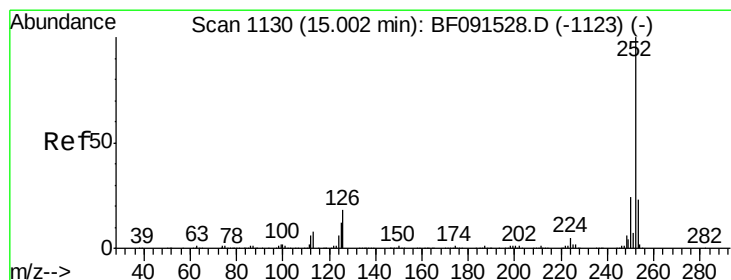
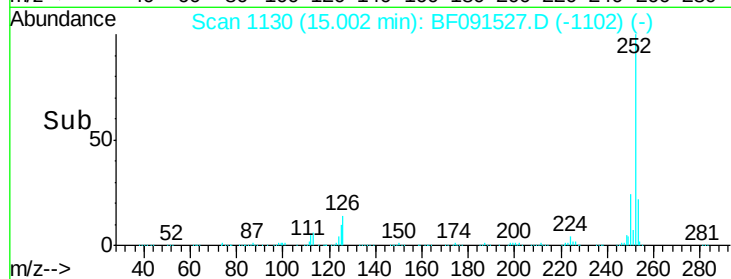
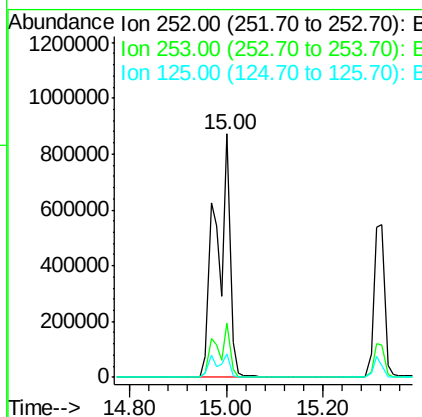
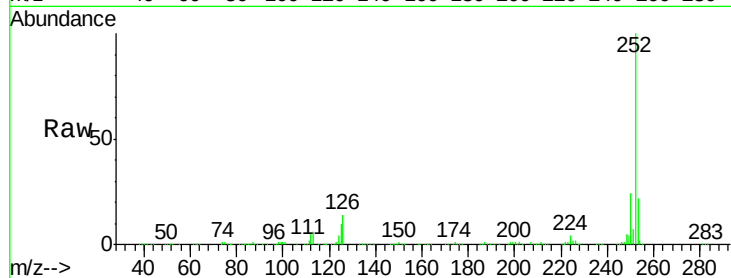




#87
Benzo(b)fluoranthene
Concen: 47.12 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

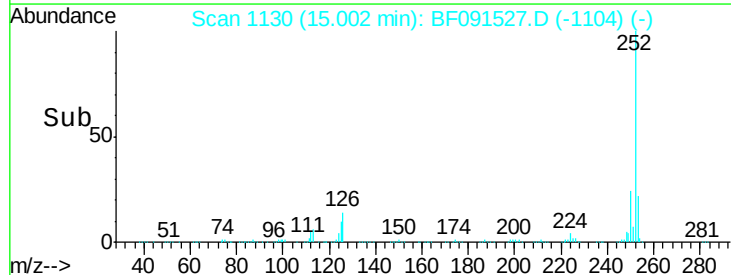
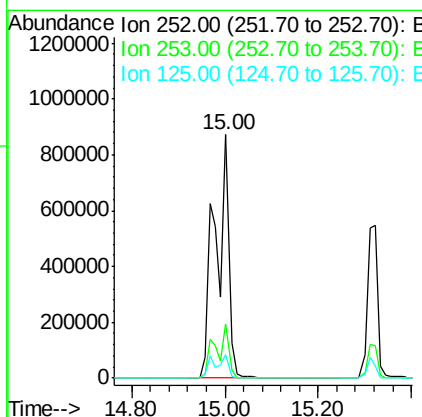
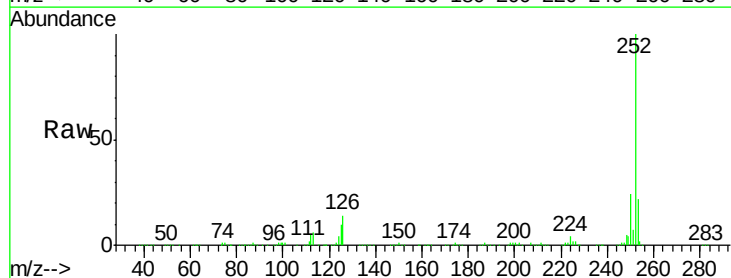
Instrument :
BNA_F
ClientSampleId :

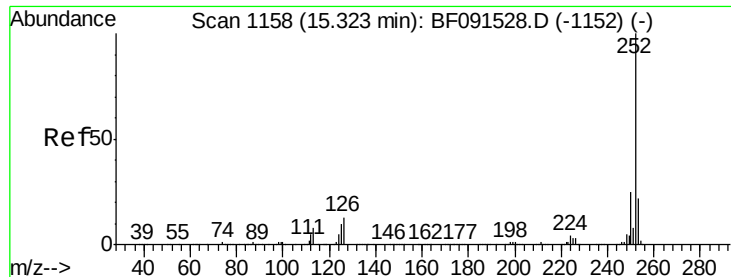
Tot Ion:252 Resp: 1771927
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 9.7 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 56.04 ng
RT: 15.00 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt Ion:252 Resp: 1772314
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.7 9.6 14.4

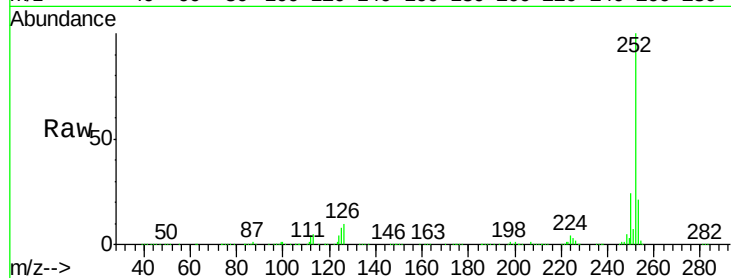




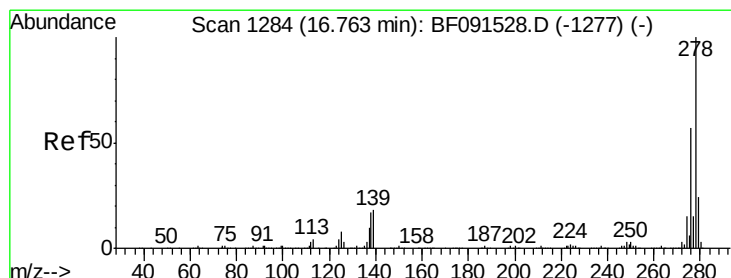
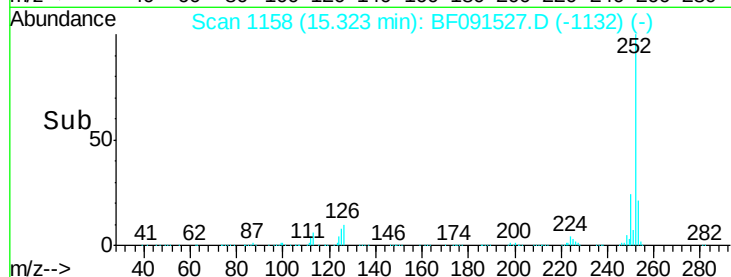
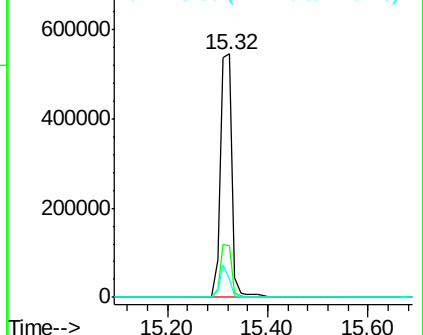
#89
Benzo(a)pyrene
Concen: 25.31 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 854907
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 7.6 10.4 15.6#

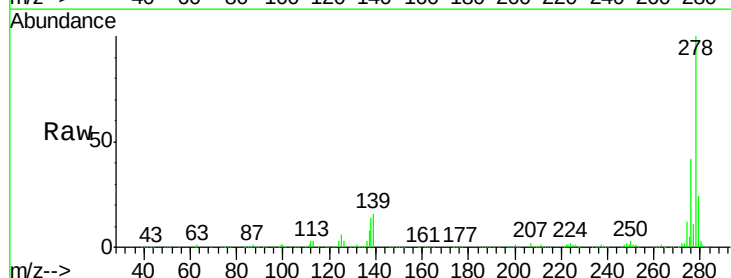


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

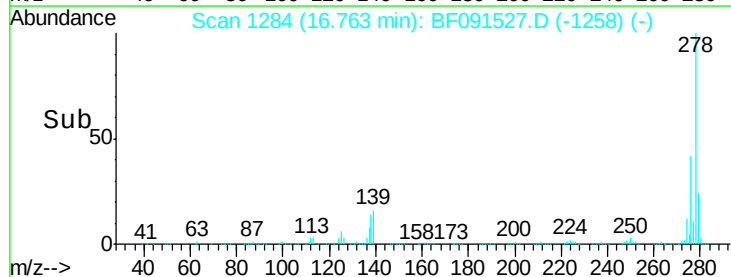
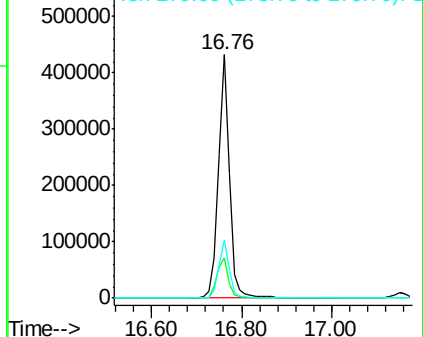


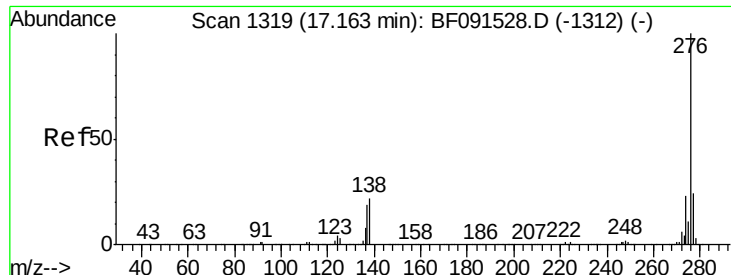
#90
Dibenzo(a,h)anthracene
Concen: 23.83 ng
RT: 16.76 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF091527.D
Acq: 9 Dec 2016 14:49

Tgt Ion:278 Resp: 744370
Ion Ratio Lower Upper
278 100
139 16.4 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: 23.20 ng

RT: 17.15 min Scan# 1318

Delta R.T. -0.01 min

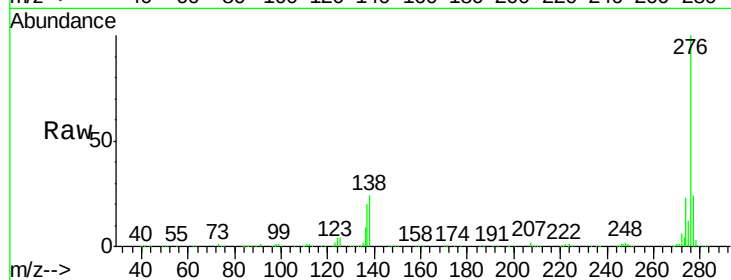
Lab File: BF091527.D

Acq: 9 Dec 2016 14:49

Instrument :

BNA_F

ClientSampleId :



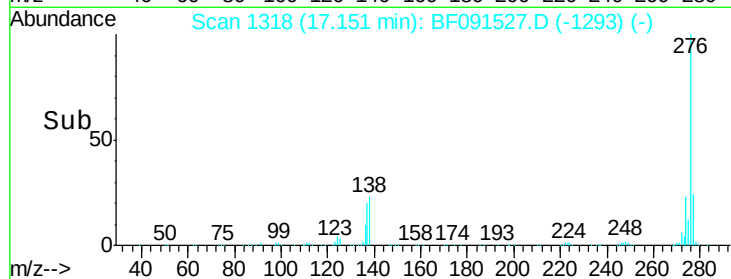
Tot Ion: 276 Resp: 747152

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 23.6 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

