

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112916\
 Data File : BF091320.D
 Acq On : 29 Nov 2016 11:53
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 29 12:23:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 12:14:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	170909	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	646243	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	381858	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	634683	20.00	ng	0.00
75) Chrysene-d12	14.03	240	424295	20.00	ng	0.01
86) Perylene-d12	15.44	264	371362	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1060268	99.67	ng	0.00
7) Phenol-d6	6.49	99	1240369	90.76	ng	0.00
23) Nitrobenzene-d5	7.43	82	1122565	100.00	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	371478	96.47	ng	0.01
44) 2-Fluorobiphenyl	9.24	172	2129089	91.30	ng	0.00
78) Terphenyl-d14	12.97	244	1886539	101.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	236518	47.14	ng	88
3) Pyridine	3.19	79	668447	49.57	ng	# 85
4) n-Nitrosodimethylamine	3.14	42	361703	48.99	ng	98
6) Aniline	6.53	93	836002	47.85	ng	# 71
8) 2-Chlorophenol	6.65	128	571271	49.30	ng	93
9) Benzaldehyde	6.41	77	398633	53.89	ng	83
10) Phenol	6.50	94	688794	45.17	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	573007	51.12	ng	95
12) 1,3-Dichlorobenzene	7.04	146	612946	48.52	ng	100
13) 1,4-Dichlorobenzene	6.88	146	583343	45.11	ng	96
14) 1,2-Dichlorobenzene	7.04	146	613048	49.97	ng	96
15) Benzyl Alcohol	7.01	79	474708	44.73	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1150858	46.83	ng	71
17) 2-Methylphenol	7.12	107	432813	47.21	ng	# 76
18) Hexachloroethane	7.38	117	224512	48.77	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	412958	48.17	ng	# 84
20) 3+4-Methylphenols	7.28	107	559676	49.73	ng	# 41
22) Acetophenone	7.28	105	754106	51.71	ng	# 85
24) Nitrobenzene	7.45	77	665893	56.06	ng	# 88
25) Isophorone	7.69	82	1004018	47.88	ng	99
26) 2-Nitrophenol	7.77	139	286499	60.14	ng	# 70
27) 2,4-Dimethylphenol	7.81	122	518248	51.84	ng	96
28) bis(2-Chloroethoxy)methane	7.91	93	618024	49.50	ng	# 96
29) 2,4-Dichlorophenol	8.01	162	445472	50.42	ng	90
30) 1,2,4-Trichlorobenzene	8.09	180	484125	47.57	ng	99
31) Naphthalene	8.17	128	1449664	46.63	ng	100
32) Benzoic acid	7.93	122	404067	51.32	ng	93
33) 4-Chloroaniline	8.22	127	643629	47.59	ng	# 93
34) Hexachlorobutadiene	8.30	225	309380	51.42	ng	98
35) Caprolactam	8.60	113	141492	51.95	ng	98
36) 4-Chloro-3-methylphenol	8.70	107	464254	48.89	ng	100
37) 2-Methylnaphthalene	8.87	142	1080167	50.63	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	445973	43.10	ng	98
40) Hexachlorocyclopentadiene	9.02	237	237942	51.37	ng	98

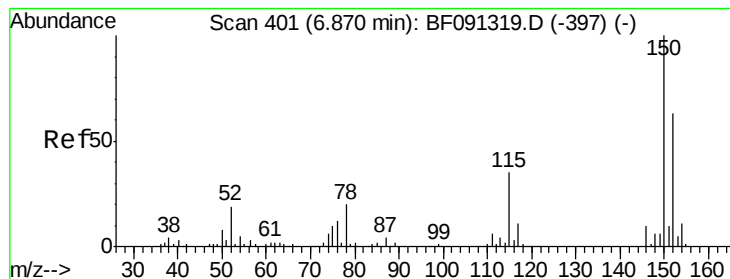
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112916\
 Data File : BF091320.D
 Acq On : 29 Nov 2016 11:53
 Operator : UM/SJ
 Sample : SSTDICC050
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Quant Time: Nov 29 12:23:24 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 12:14:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	349256	48.94	nq	97
43) 2,4,5-Trichlorophenol	9.18	196	337058	49.16	nq #	90
45) 1,1'-Biphenyl	9.33	154	1213805	44.09	nq	98
46) 2-Chloronaphthalene	9.35	162	944231	46.82	nq	98
47) 2-Nitroaniline	9.44	65	344329	50.32	nq #	74
48) Acenaphthylene	9.77	152	1629852	50.43	nq	99
49) Dimethylphthalate	9.64	163	1077524	45.19	nq	98
50) 2,6-Dinitrotoluene	9.69	165	281425	54.04	nq #	82
51) Acenaphthene	9.94	154	1065693	48.45	nq	97
52) 3-Nitroaniline	9.86	138	314643	56.19	nq #	77
53) 2,4-Dinitrophenol	9.96	184	117123	62.00	nq #	65
54) Dibenzofuran	10.12	168	1424537	46.04	nq	93
55) 4-Nitrophenol	10.01	139	251242	62.21	nq	90
56) 2,4-Dinitrotoluene	10.09	165	361423	54.84	nq #	79
57) Fluorene	10.46	166	1123415	47.45	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	308962	51.24	nq	95
59) Diethylphthalate	10.33	149	1084902	45.22	nq	96
60) 4-Chlorophenyl-phenylether	10.45	204	461048	42.27	nq #	85
61) 4-Nitroaniline	10.47	138	259002	49.58	nq	89
62) Azobenzene	10.61	77	1161024	47.71	nq	89
64) 4,6-Dinitro-2-methylphenol	10.50	198	196965	68.43	nq #	34
65) n-Nitrosodiphenylamine	10.56	169	887883	46.08	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	337748	48.69	nq #	86
67) Hexachlorobenzene	11.01	284	356527	46.88	nq #	88
68) Atrazine	11.10	200	311602	61.26	nq	92
69) Pentachlorophenol	11.19	266	225080	50.03	nq	96
70) Phenanthrene	11.42	178	1593484	48.40	nq	99
71) Anthracene	11.46	178	1547550	45.97	nq	99
72) Carbazole	11.61	167	1351934	45.12	nq	99
73) Di-n-butylphthalate	11.96	149	1647741	47.49	nq	100
74) Fluoranthene	12.60	202	1560082	46.58	nq	98
76) Benzidine	12.72	184	678106	82.46	nq	98
77) Pyrene	12.82	202	1602982	51.13	nq	99
79) Butylbenzylphthalate	13.45	149	657506	52.41	nq #	82
80) Benzo(a)anthracene	14.01	228	1247680	51.81	nq	98
81) 3,3'-Dichlorobenzidine	13.98	252	449884	56.65	nq #	98
82) Chrysene	14.05	228	1289517	56.66	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	819550	52.47	nq #	94
84) Di-n-octyl phthalate	14.62	149	1182765	48.11	nq	97
85) Indeno(1,2,3-cd)pyrene	16.86	276	1125115	57.41	nq	96
87) Benzo(b)fluoranthene	15.04	252	1198064	51.14	nq #	95
88) Benzo(k)fluoranthene	15.04	252	1198064	62.61	nq #	94
89) Benzo(a)pyrene	15.39	252	1012904	50.82	nq	97
90) Dibenzo(a,h)anthracene	16.87	278	947612	51.50	nq	96
91) Benzo(g,h,i)perylene	17.28	276	992724	54.39	nq	98

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

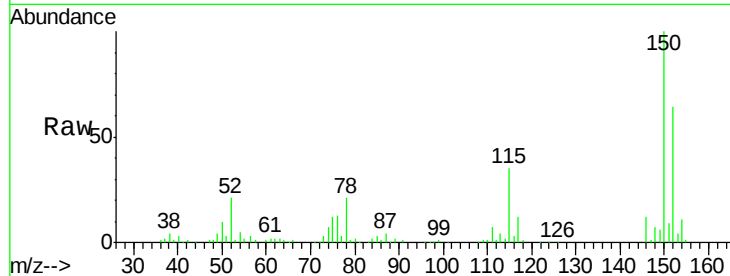


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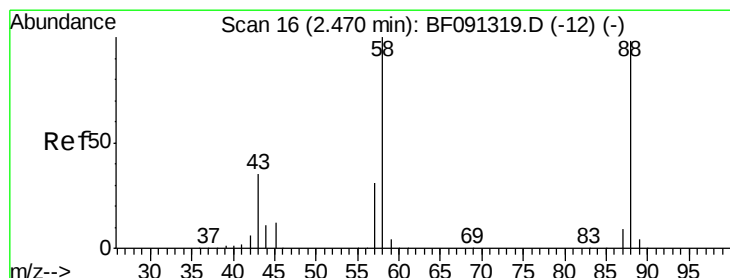
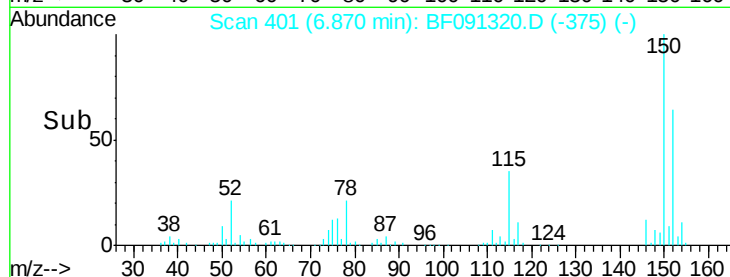
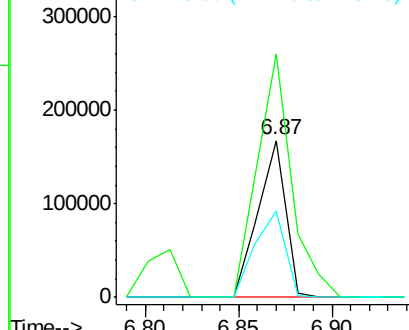
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170909
Ion Ratio Lower Upper
152 100
150 155.1 122.5 183.7
115 54.9 51.8 77.8



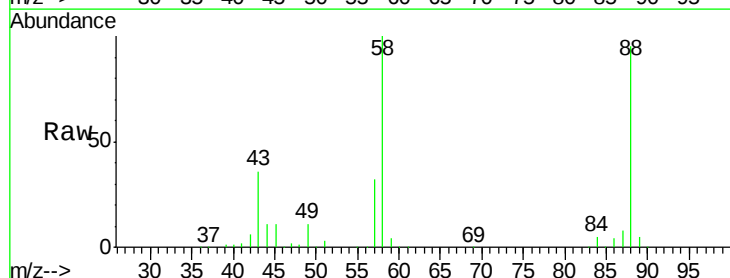
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



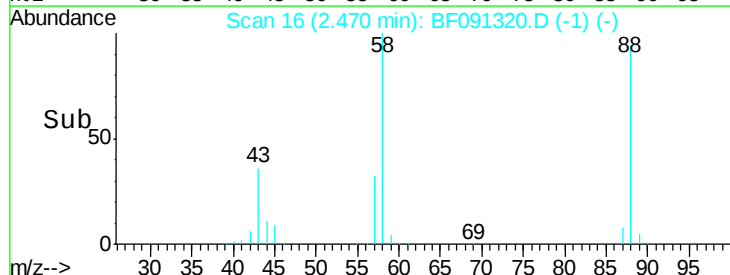
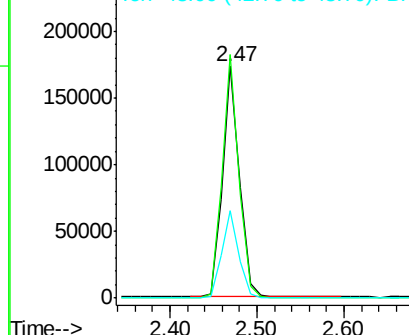
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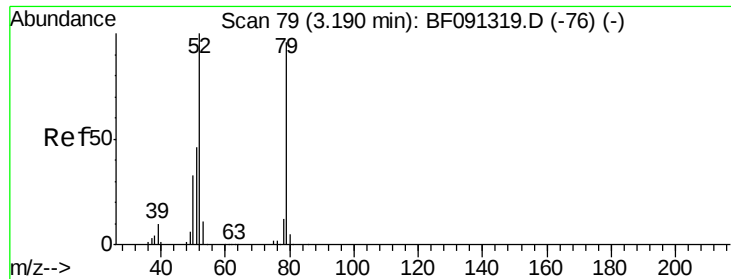
1,4-Dioxane
Concen: 47.14 ng
RT: 2.47 min Scan# 16
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion: 88 Resp: 236518
Ion Ratio Lower Upper
88 100
58 103.7 70.3 105.5
43 38.2 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: 49.57 ng

RT: 3.19 min Scan# 79

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

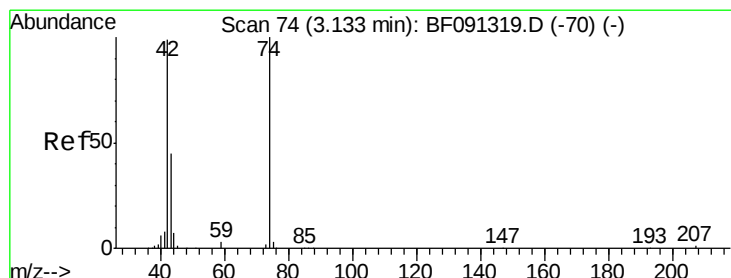
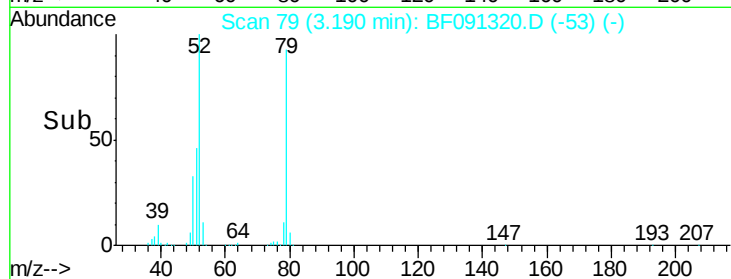
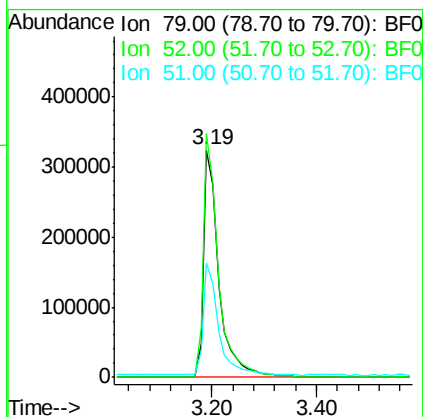
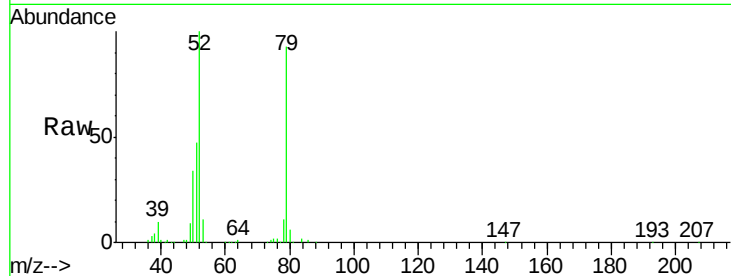
Tot Ion: 79 Resp: 668447

Ion Ratio Lower Upper

79 100

52 107.2 71.0 106.4#

51 50.6 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 48.99 ng

RT: 3.14 min Scan# 75

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

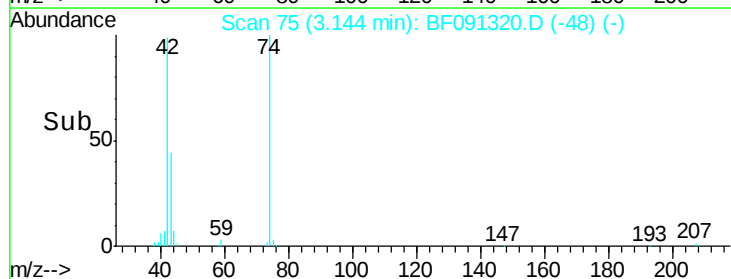
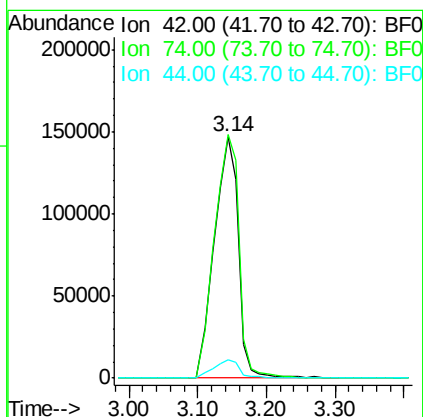
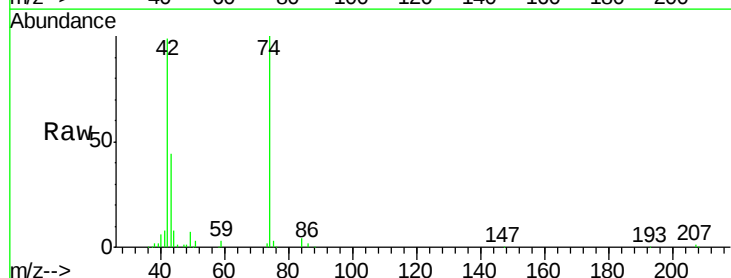
Tgt Ion: 42 Resp: 361703

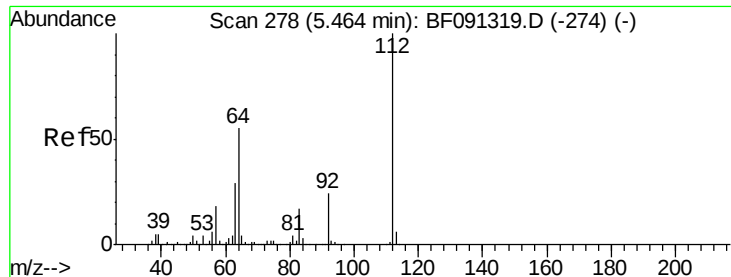
Ion Ratio Lower Upper

42 100

74 101.0 78.9 118.3

44 7.7 5.8 8.6





#5

2-Fluorophenol

Concen: 99.67 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampled :

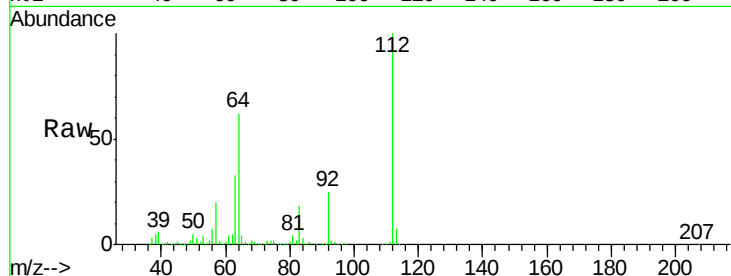
Tot Ion:112 Resp: 1060268

Ion Ratio Lower Upper

112 100

64 61.6 61.5 92.3

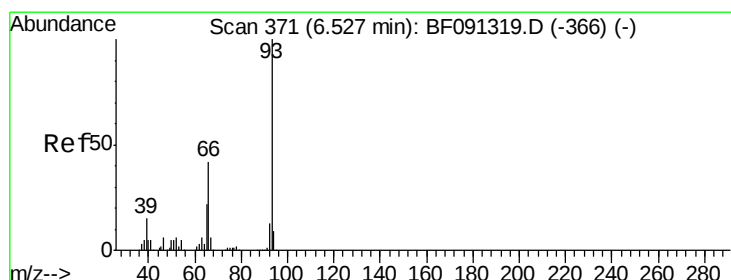
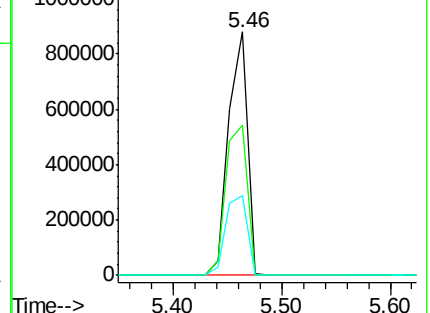
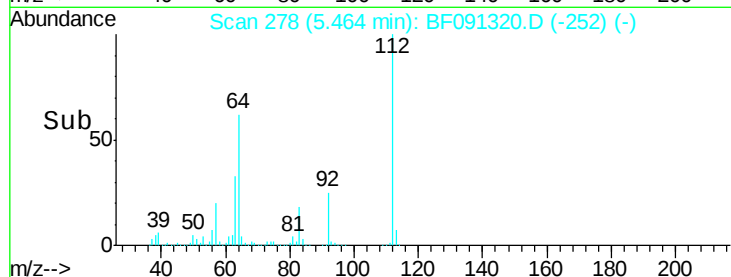
63 32.7 33.3 49.9#



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: 47.85 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

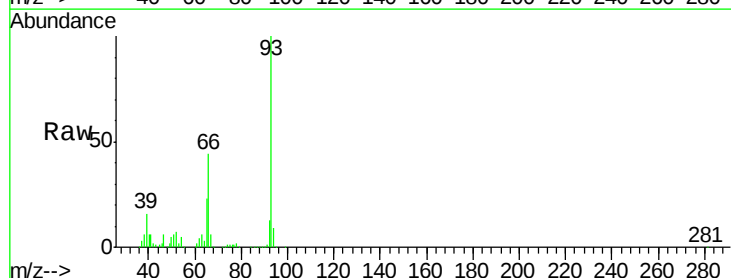
Tgt Ion: 93 Resp: 836002

Ion Ratio Lower Upper

93 100

66 43.9 55.8 83.6#

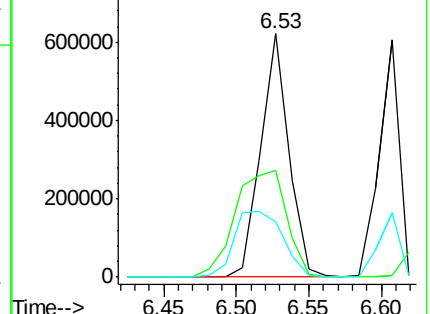
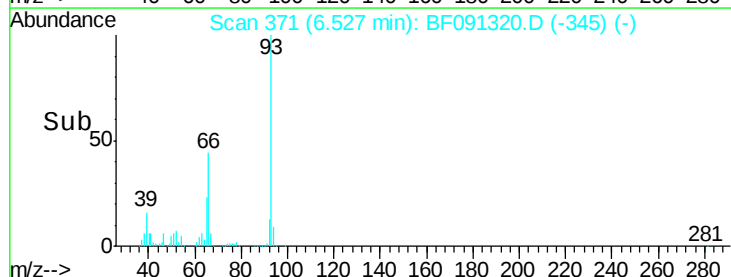
65 22.9 29.9 44.9#

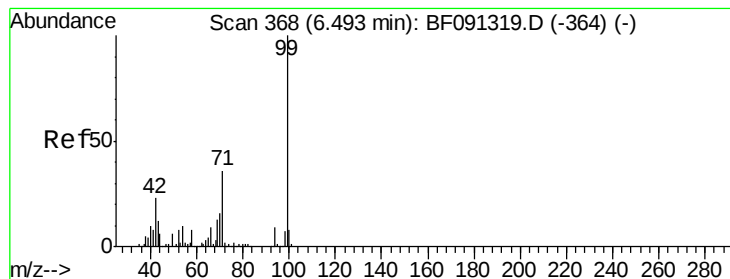


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 90.76 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampled :

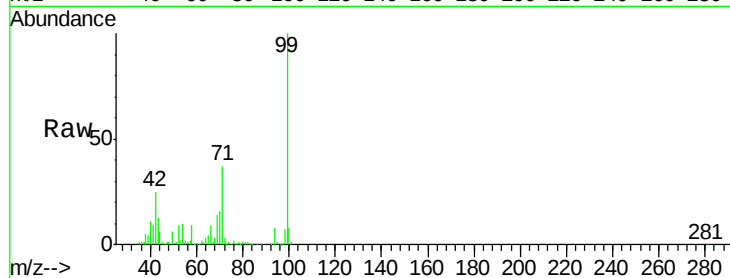
Tot Ion: 99 Resp: 1240369

Ion Ratio Lower Upper

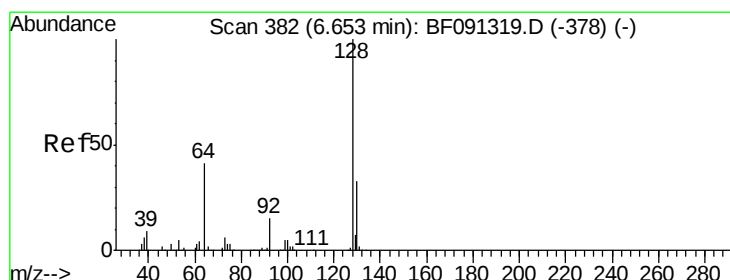
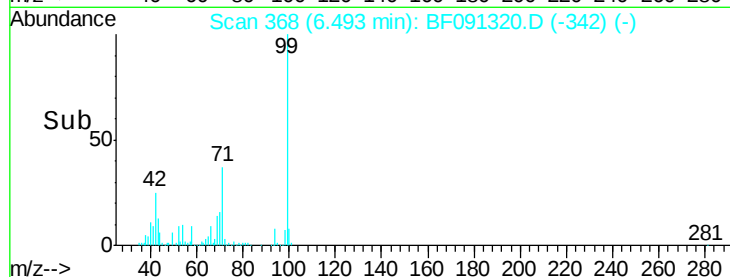
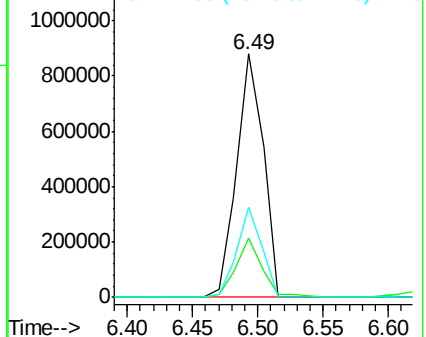
99 100

42 24.6 20.6 31.0

71 36.9 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.30 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

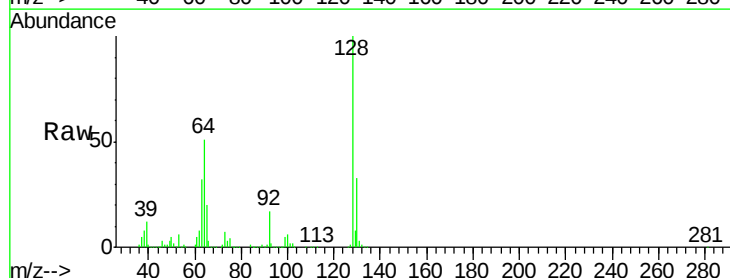
Tgt Ion: 128 Resp: 571271

Ion Ratio Lower Upper

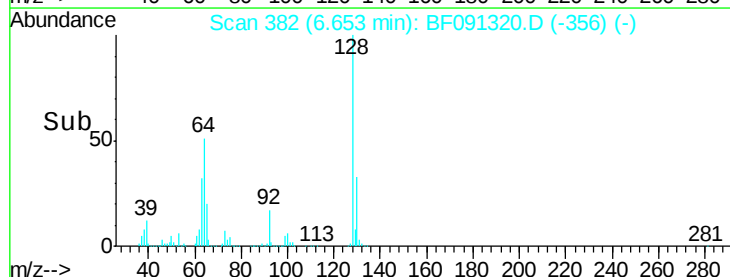
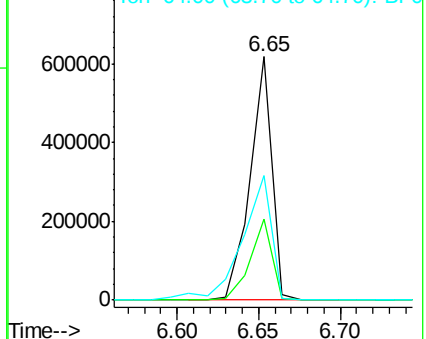
128 100

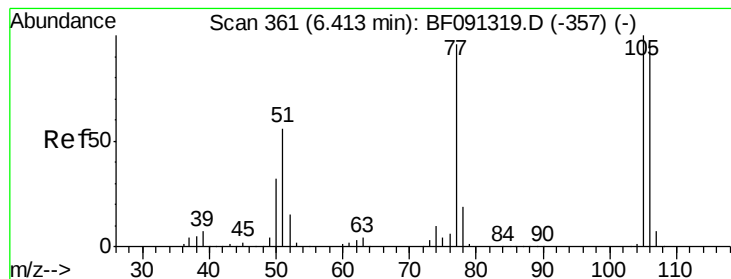
130 33.5 13.1 53.1

64 51.4 24.1 64.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 53.89 ng

RT: 6.41 min Scan# 361

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampled :

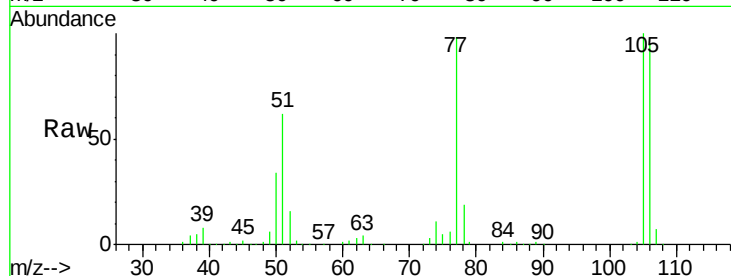
Tot Ion: 77 Resp: 398633

Ion Ratio Lower Upper

77 100

105 101.6 66.4 106.4

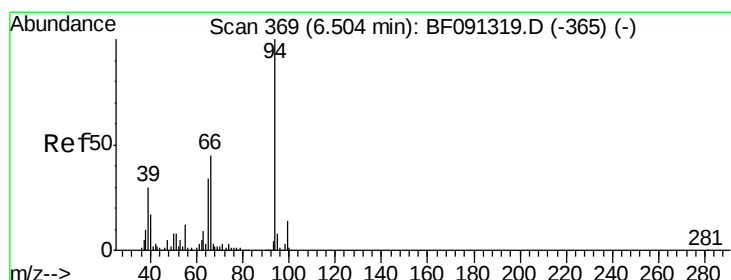
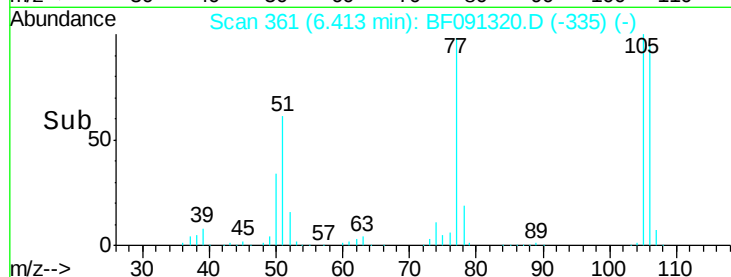
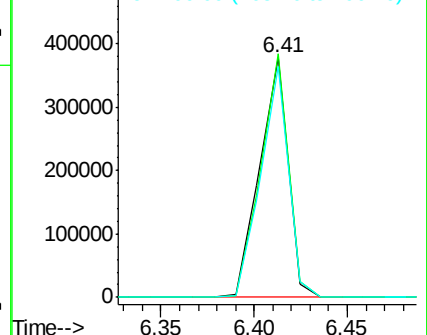
106 96.3 60.9 100.9



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: 45.17 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

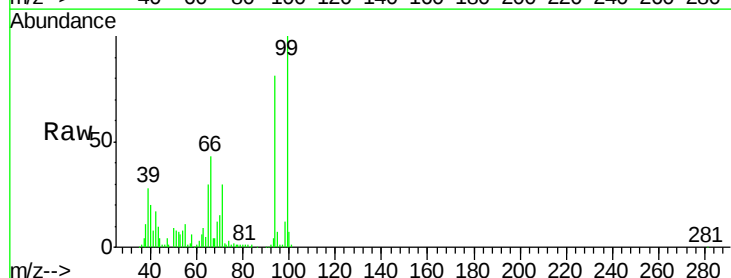
Tgt Ion: 94 Resp: 688794

Ion Ratio Lower Upper

94 100

65 37.4 16.9 56.9

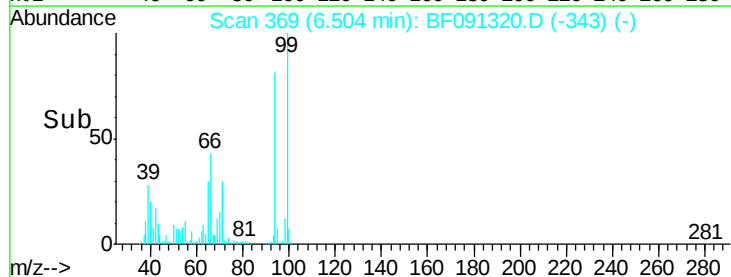
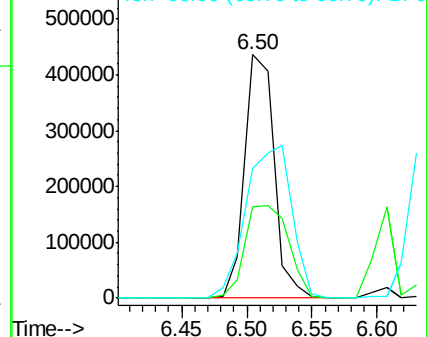
66 53.3 30.6 70.6

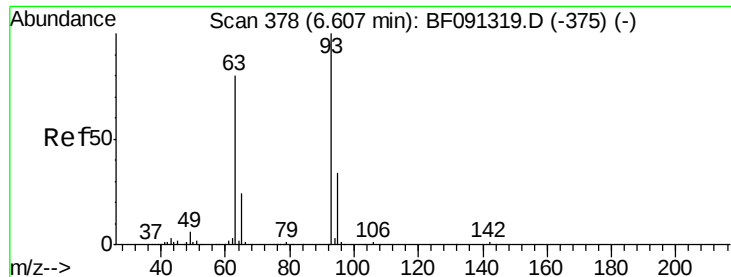


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 51.12 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

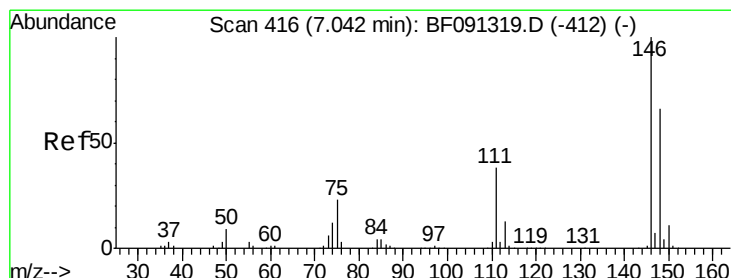
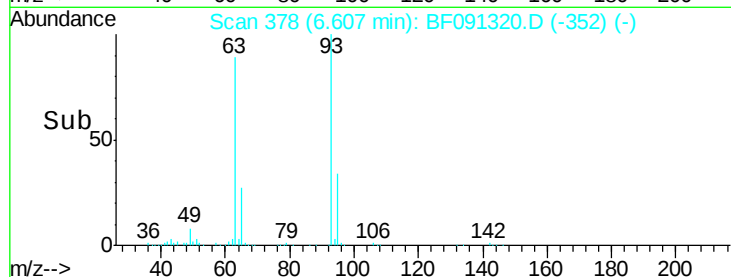
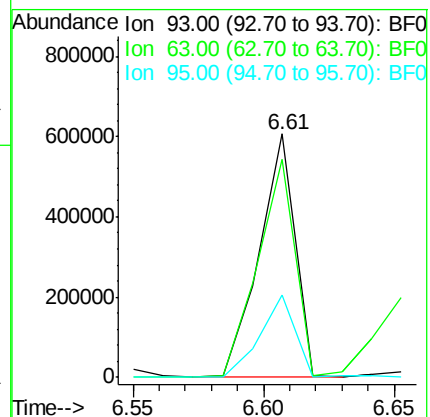
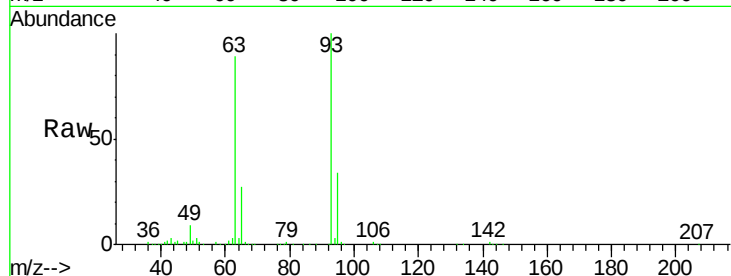
Tot Ion: 93 Resp: 573007

Ion Ratio Lower Upper

93 100

63 89.4 74.8 114.8

95 33.6 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 48.52 ng

RT: 7.04 min Scan# 416

Delta R.T. 0.24 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

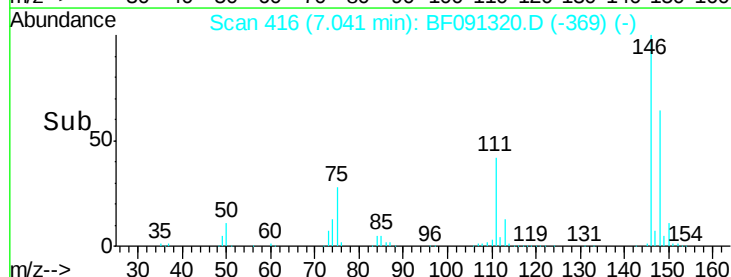
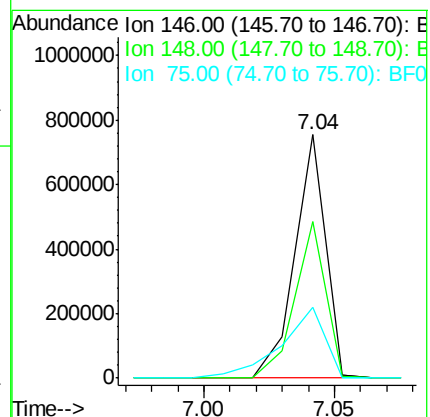
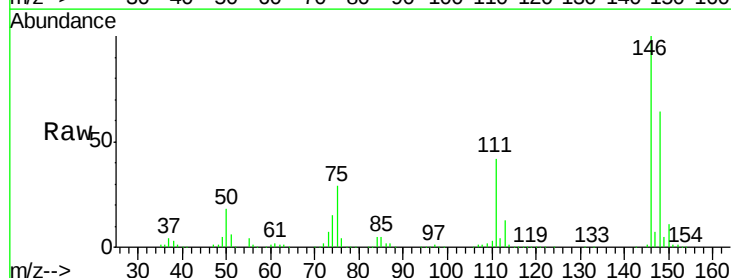
Tgt Ion: 146 Resp: 612946

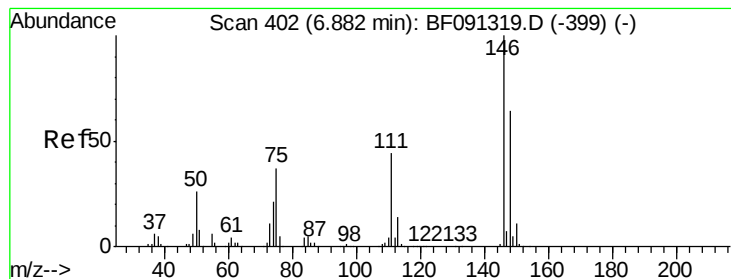
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

75 29.1 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 45.11 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

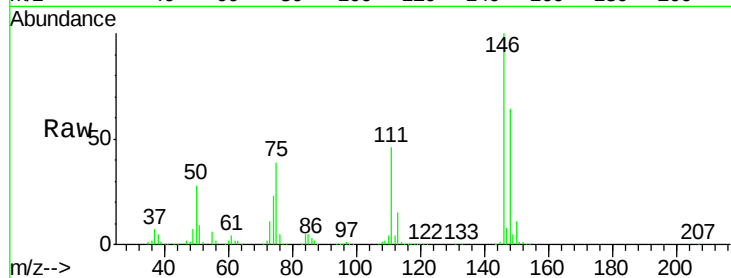
Tot Ion:146 Resp: 583343

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

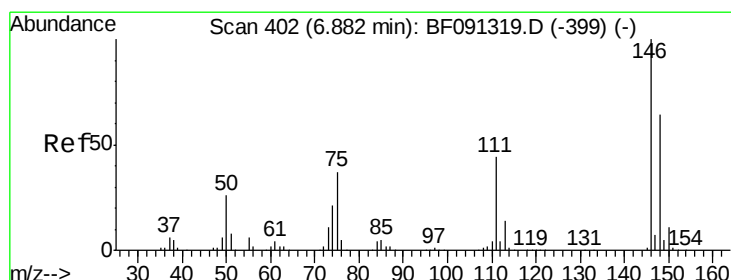
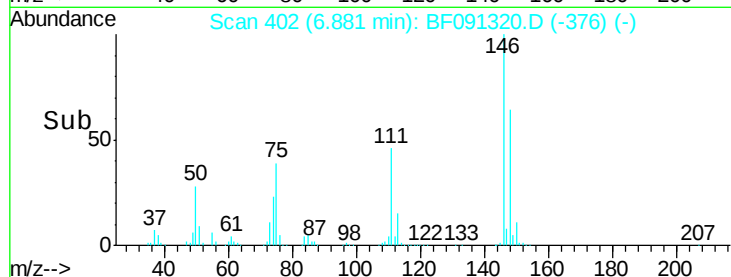
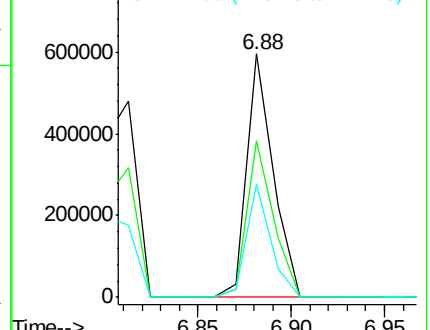
111 46.2 32.2 48.2



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: 49.97 ng

RT: 7.04 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

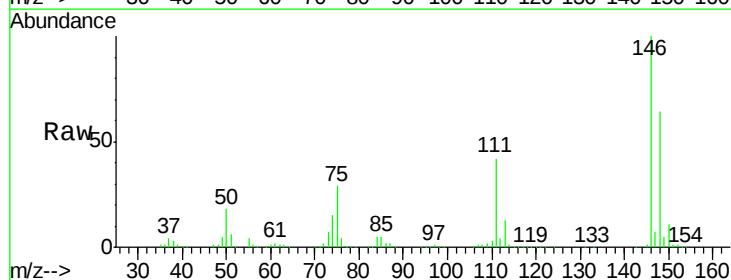
Tgt Ion:146 Resp: 613048

Ion Ratio Lower Upper

146 100

148 64.3 51.0 76.6

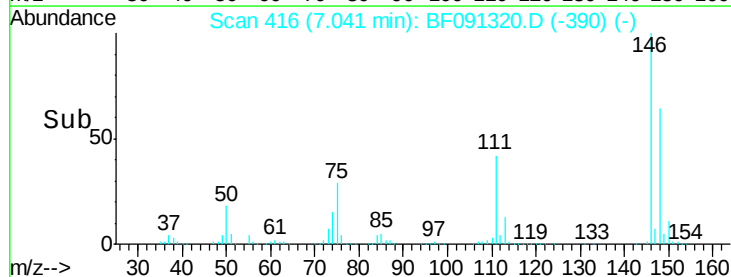
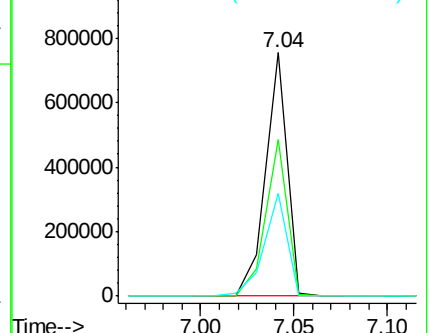
111 42.2 38.9 58.3

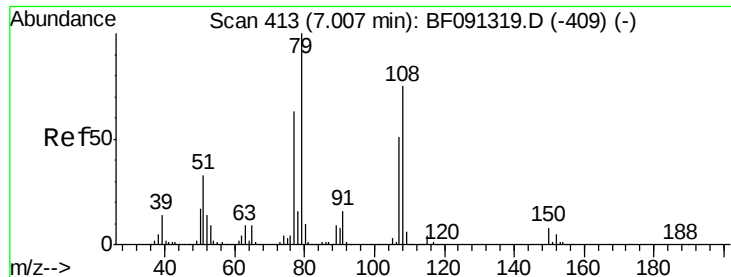


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.73 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

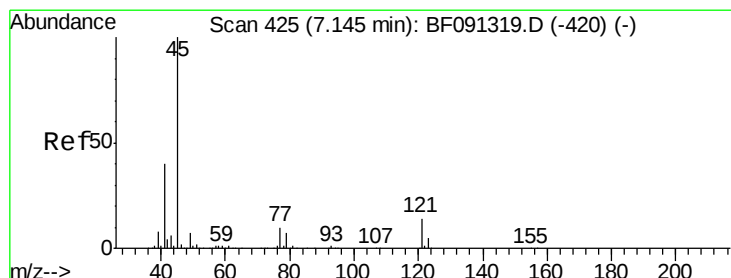
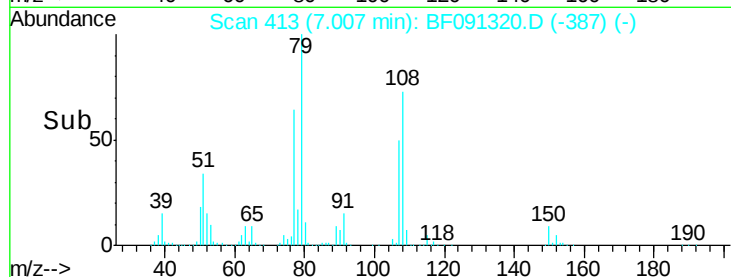
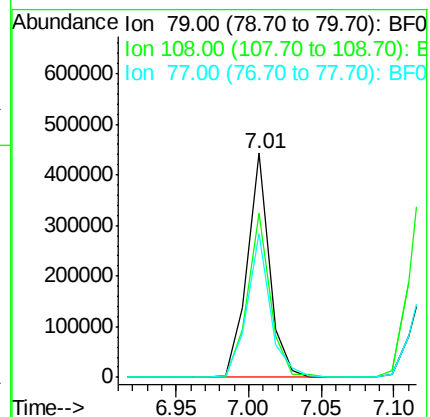
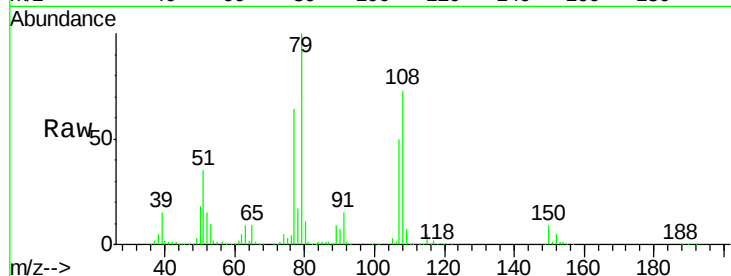
Tot Ion: 79 Resp: 474708

Ion Ratio Lower Upper

79 100

108 73.1 62.7 94.1

77 63.9 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.83 ng

RT: 7.14 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

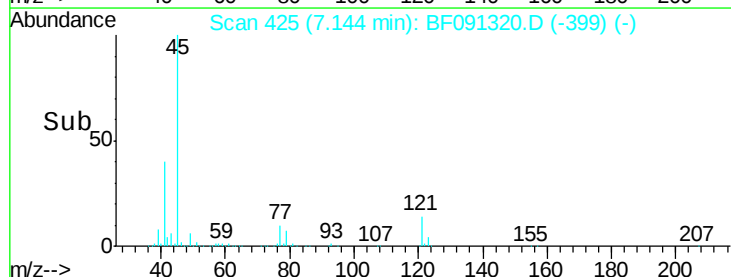
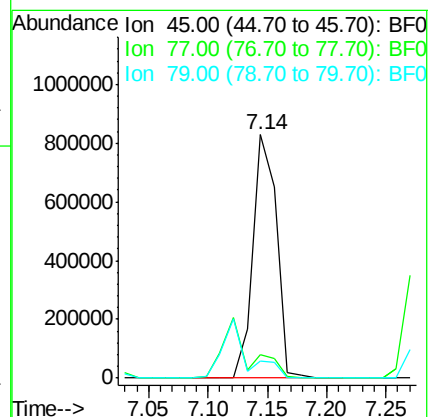
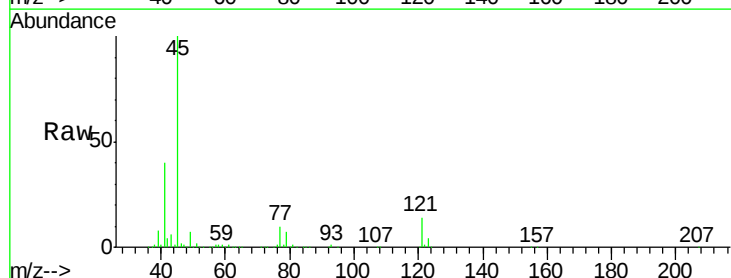
Tgt Ion: 45 Resp: 1150858

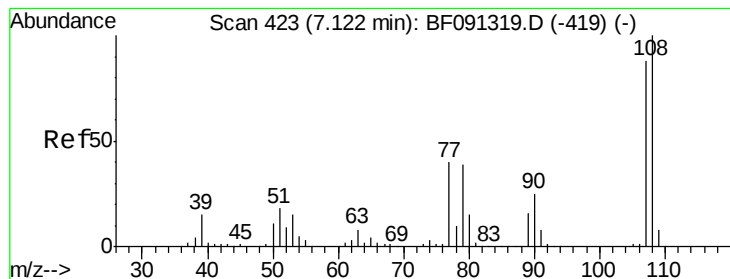
Ion Ratio Lower Upper

45 100

77 9.5 3.8 43.8

79 7.2 0.2 40.2

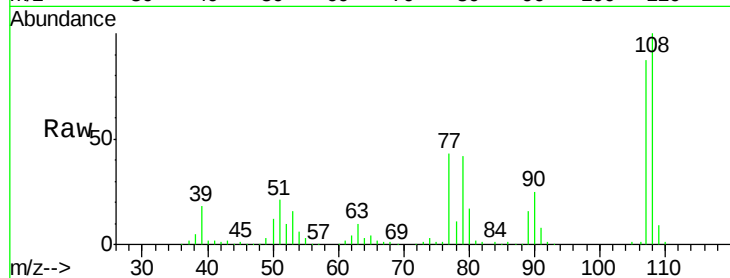




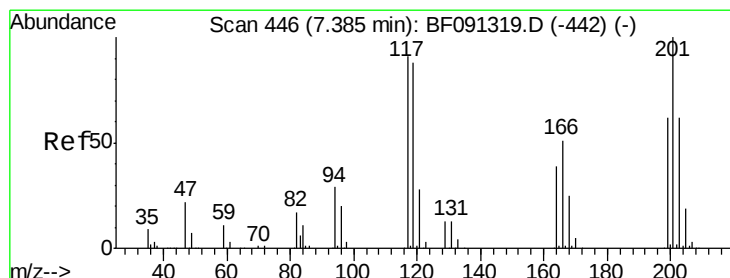
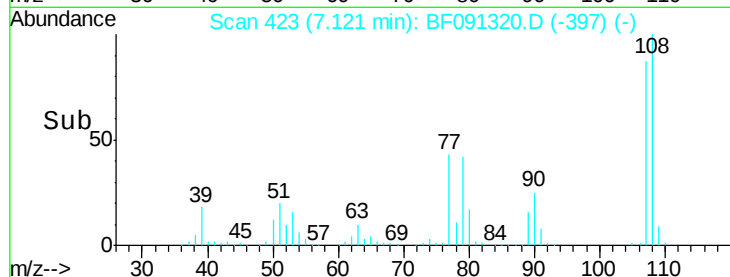
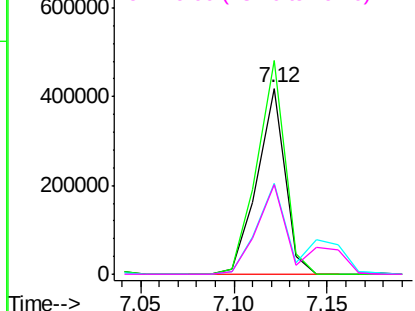
#17
2-Methylphenol
Concen: 47.21 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 432813
Ion Ratio Lower Upper
107 100
108 114.8 67.7 101.5#
77 48.9 40.7 61.1
79 47.9 23.4 35.2#

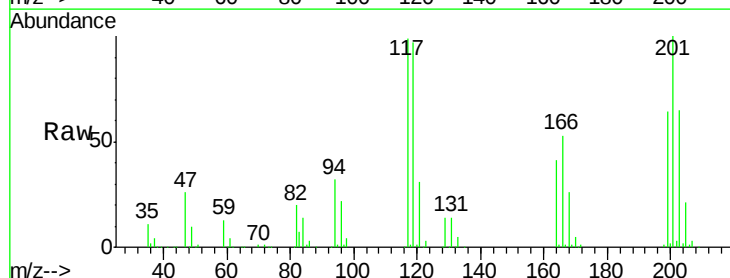


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

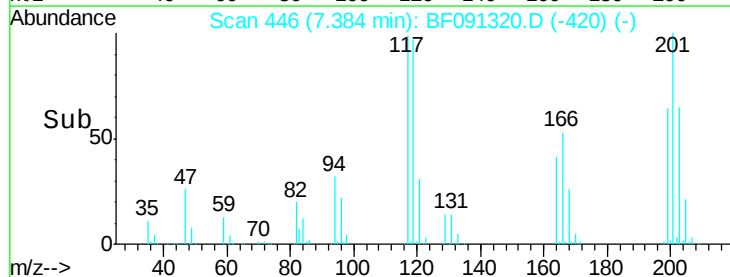
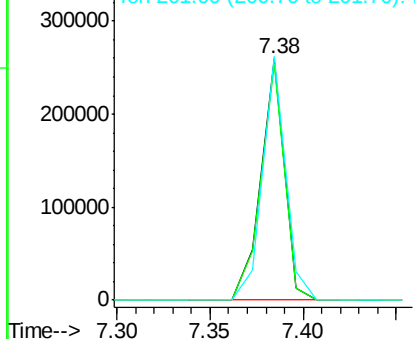


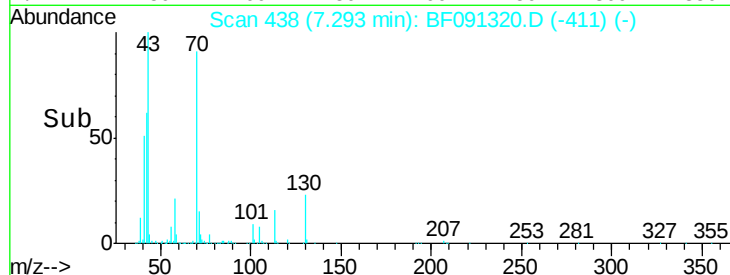
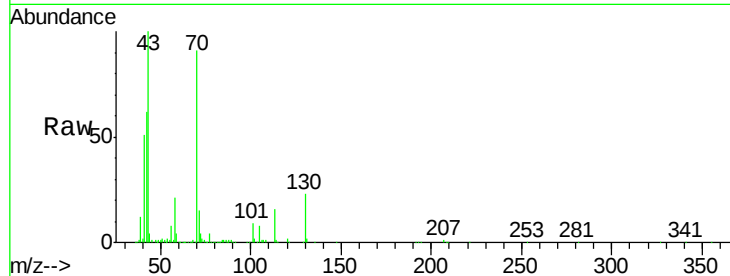
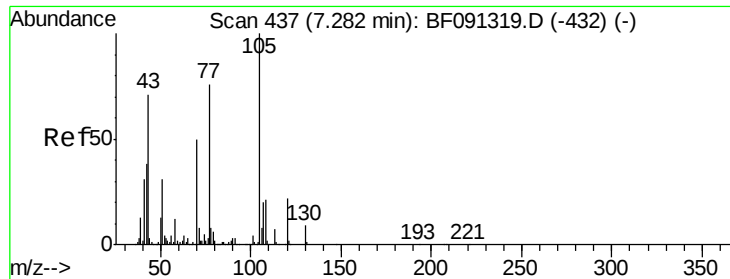
#18
Hexachloroethane
Concen: 48.77 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion:117 Resp: 224512
Ion Ratio Lower Upper
117 100
119 97.5 78.6 118.0
201 100.7 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

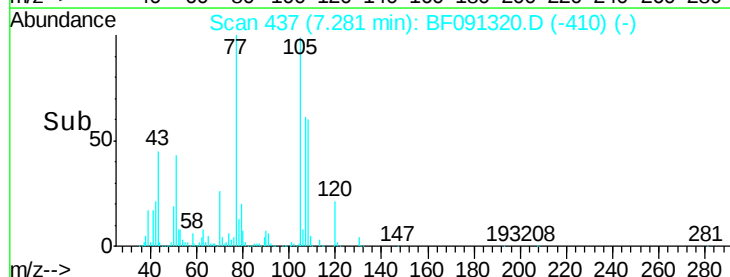
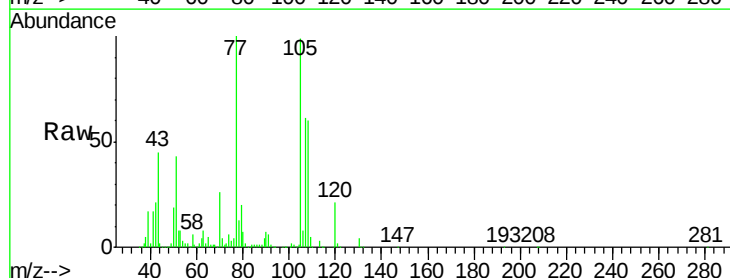
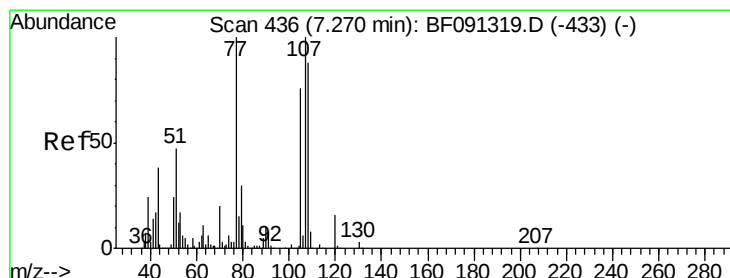
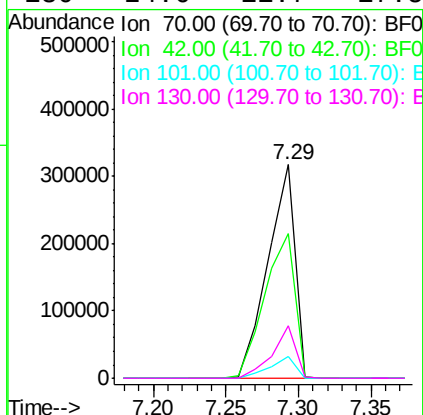




#19
n-Nitroso-di-n-propylamine
Concen: 48.17 ng
RT: 7.29 min Scan# 438
Delta R.T. 0.01 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

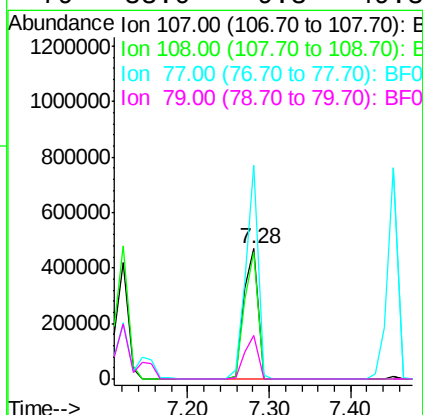
Instrument :
BNA_F
ClientSampled :

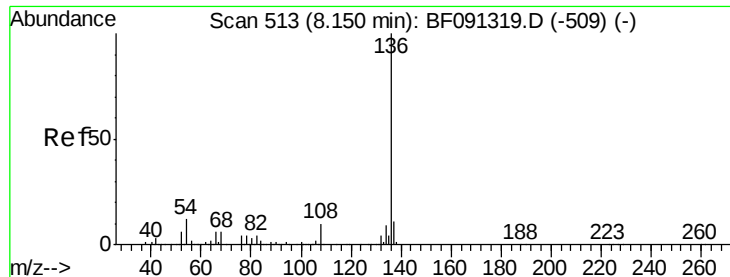
Tot Ion	70	Resp	412958
Ion	Ratio	Lower	Upper
70	100		
42	67.8	64.8	97.2
101	9.9	6.2	9.4#
130	24.6	11.7	17.5#



#20
3+4-Methylphenols
Concen: 49.73 ng
RT: 7.28 min Scan# 437
Delta R.T. 0.01 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	107	Resp	559676
Ion	Ratio	Lower	Upper
107	100		
108	97.5	64.6	104.6
77	163.8	30.9	70.9#
79	33.0	9.3	49.3

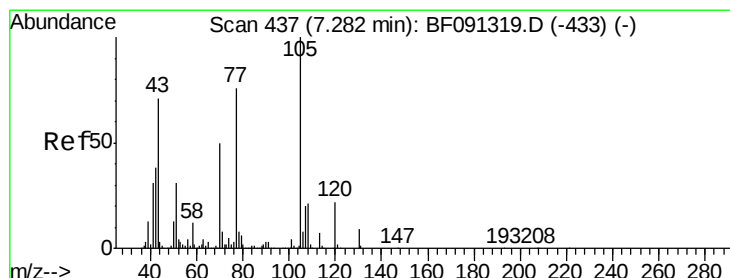
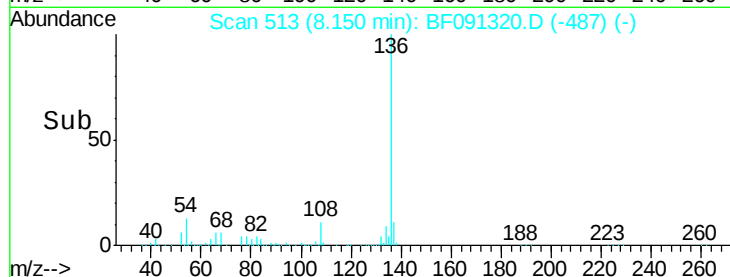
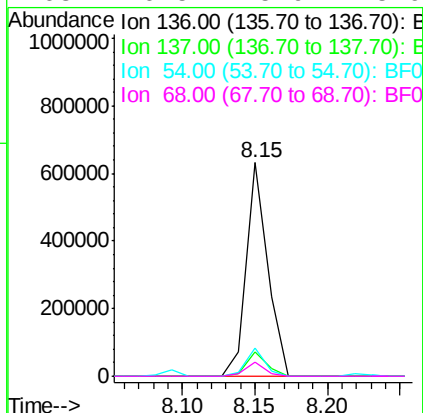
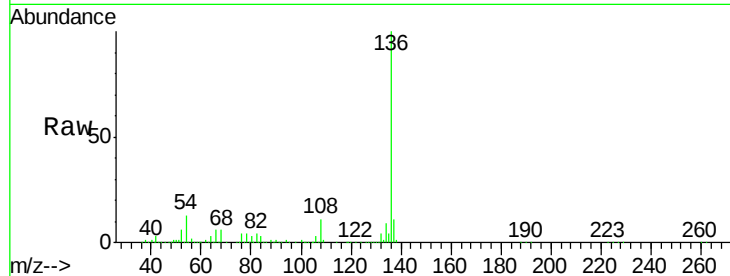




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

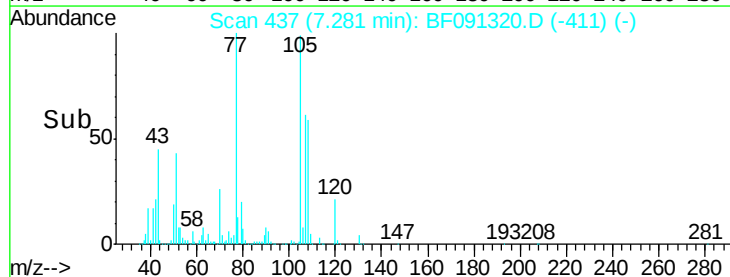
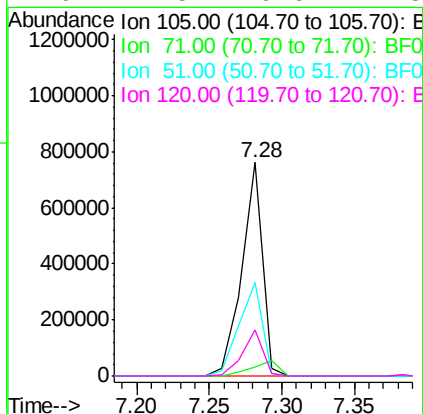
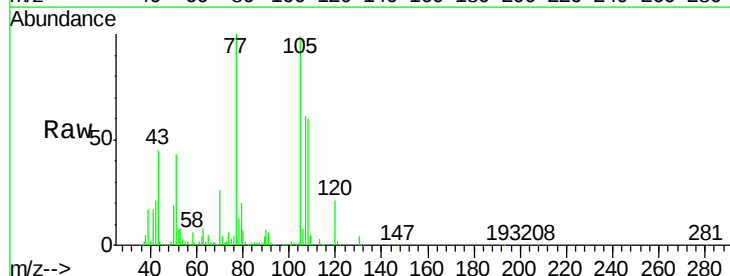
Instrument :
BNA_F
ClientSampleId :

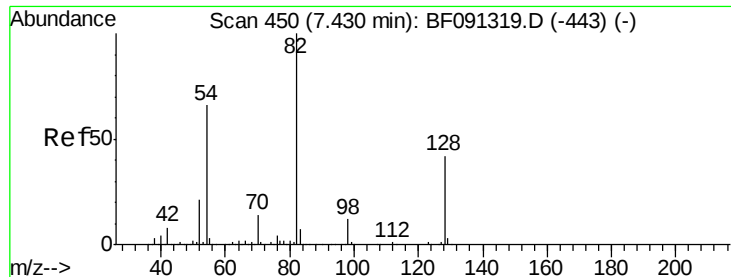
Tot Ion:136	Resp: 646243
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 13.1	9.1 13.7
68 6.5	5.9 8.9



#22
Acetophenone
Concen: 51.71 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt	Ion:105	Resp:	754106
Ion	Ratio	Lower	Upper
105	100		
71	4.5	7.9	11.9#
51	43.7	24.5	36.7#
120	21.5	16.6	24.8

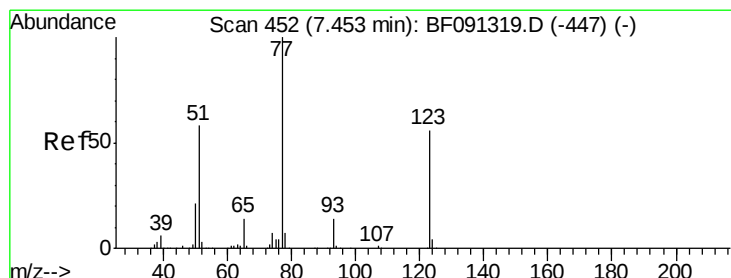
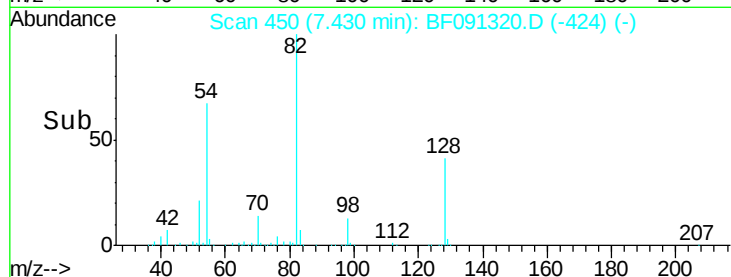
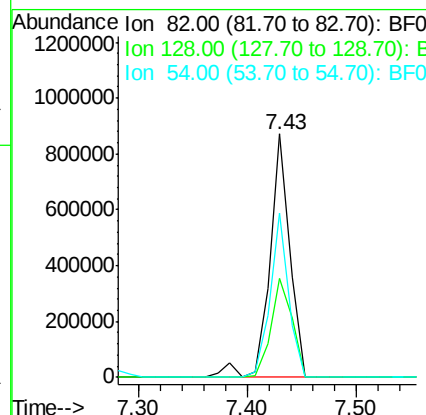
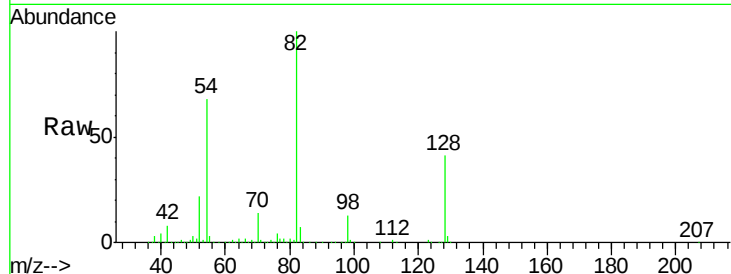




#23
Nitrobenzene-d5
Concen: 100.00 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

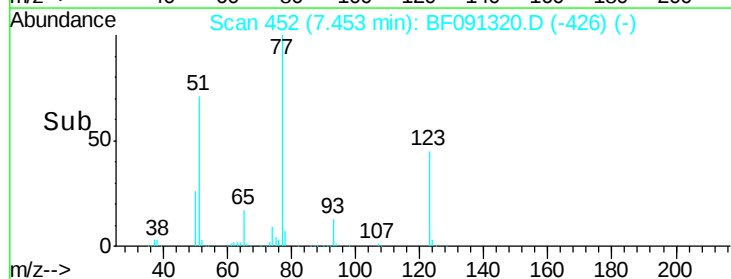
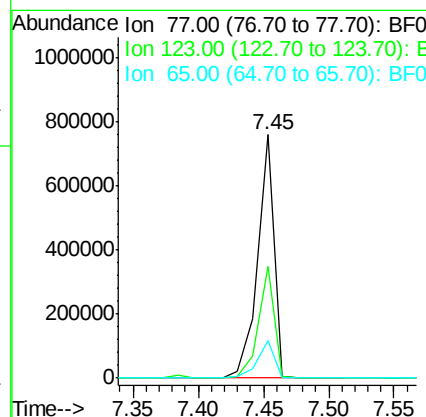
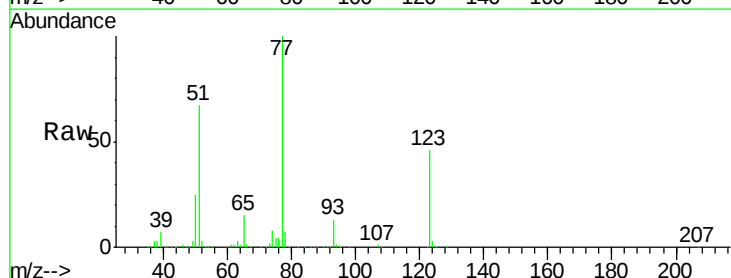
Instrument :
BNA_F
ClientSampled :

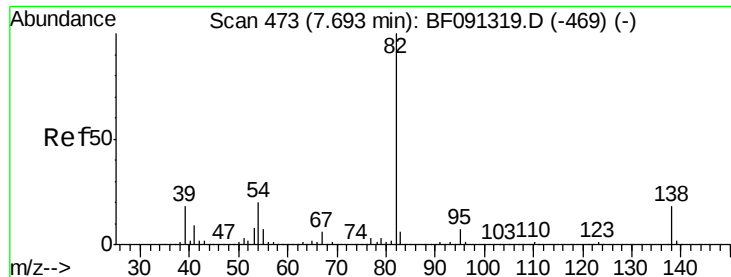
Tot Ion: 82 Resp: 1122565
Ion Ratio Lower Upper
82 100
128 40.5 31.8 47.6
54 67.6 49.1 73.7



#24
Nitrobenzene
Concen: 56.06 ng
RT: 7.45 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion: 77 Resp: 665893
Ion Ratio Lower Upper
77 100
123 45.7 28.5 42.7#
65 15.4 12.5 18.7





#25

Isophorone

Concen: 47.88 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

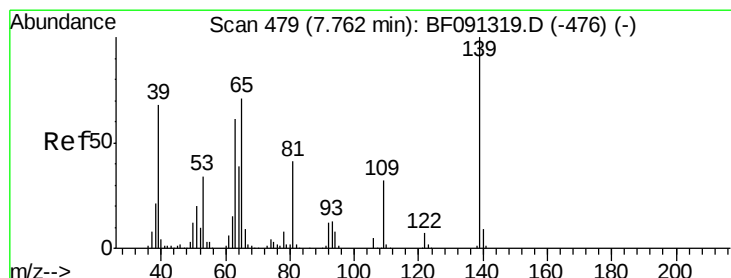
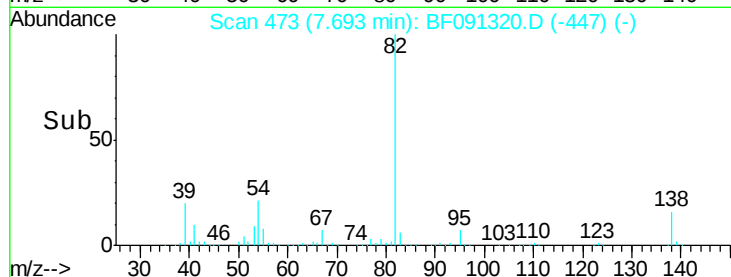
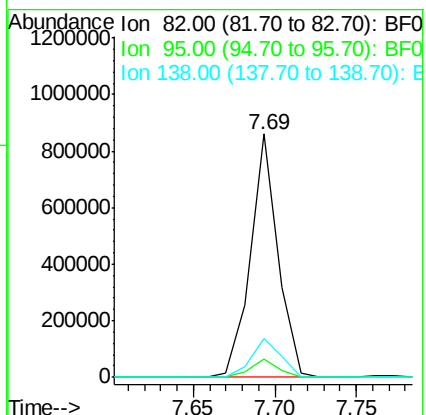
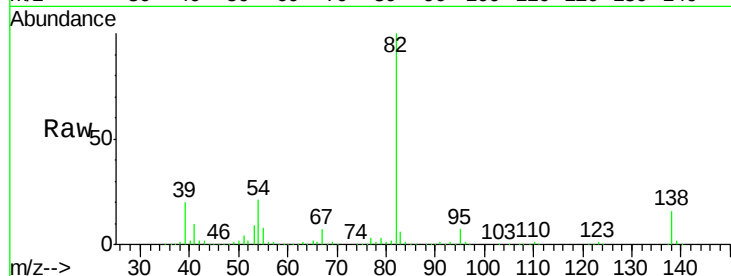
Tot Ion: 82 Resp: 1004018

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

138 16.1 13.4 20.0



#26

2-Nitrophenol

Concen: 60.14 ng

RT: 7.77 min Scan# 480

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

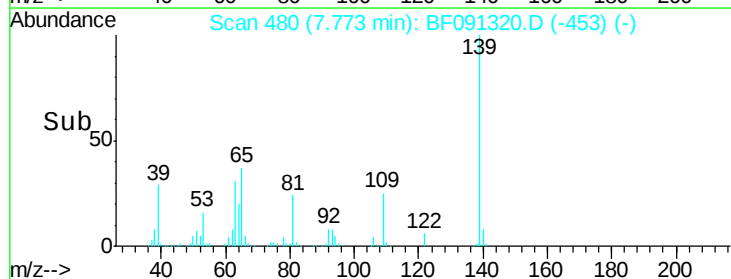
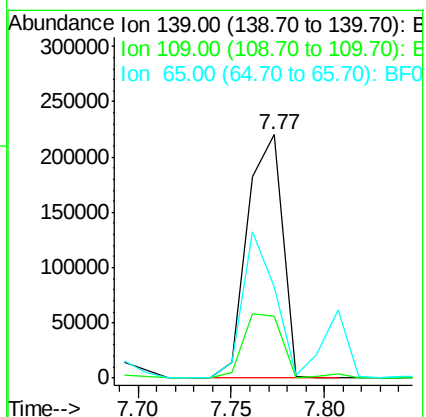
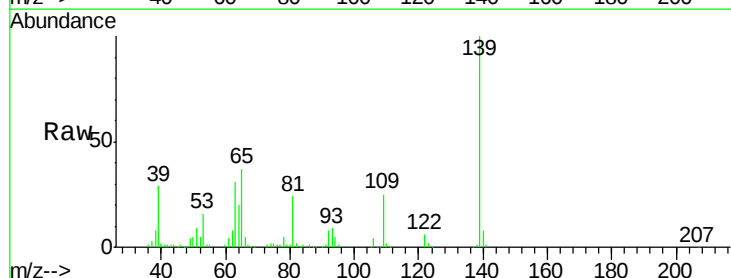
Tgt Ion: 139 Resp: 286499

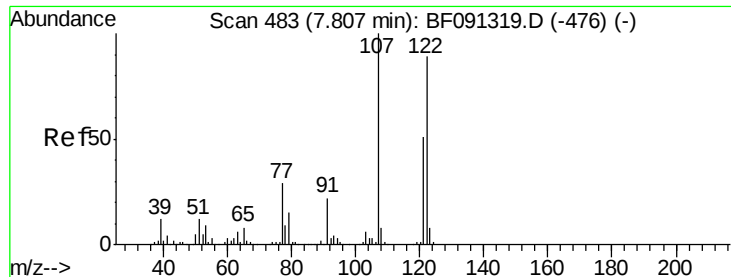
Ion Ratio Lower Upper

139 100

109 25.3 25.3 37.9

65 37.4 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 51.84 ng

RT: 7.81 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampled :

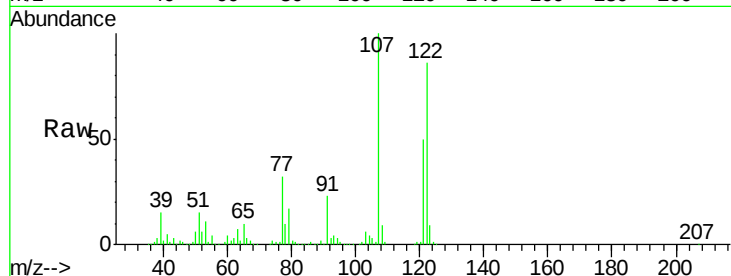
Tot Ion:122 Resp: 518248

Ion Ratio Lower Upper

122 100

107 116.0 96.8 145.2

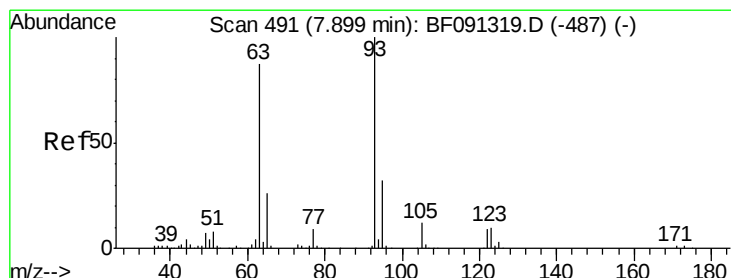
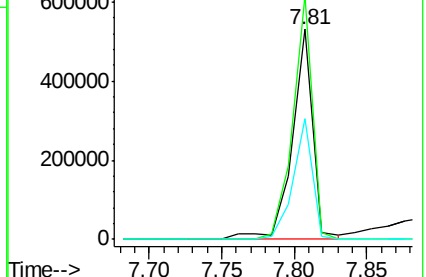
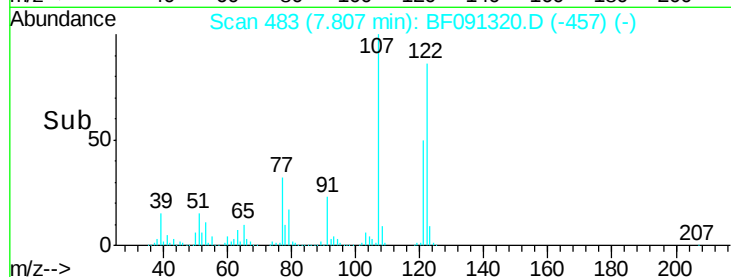
121 57.6 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.50 ng

RT: 7.91 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

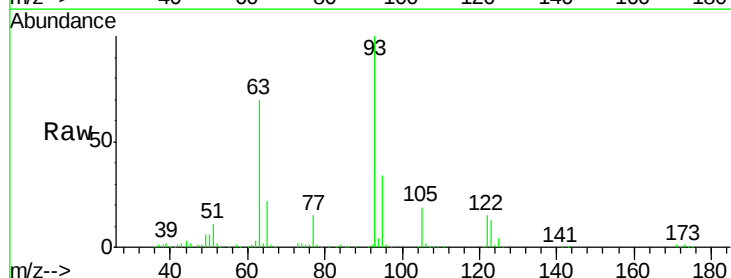
Tgt Ion: 93 Resp: 618024

Ion Ratio Lower Upper

93 100

95 34.0 26.0 39.0

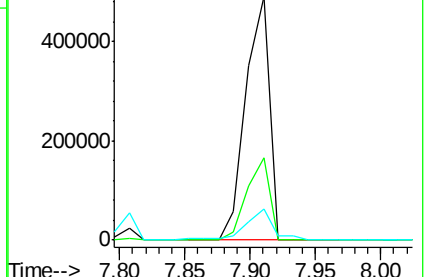
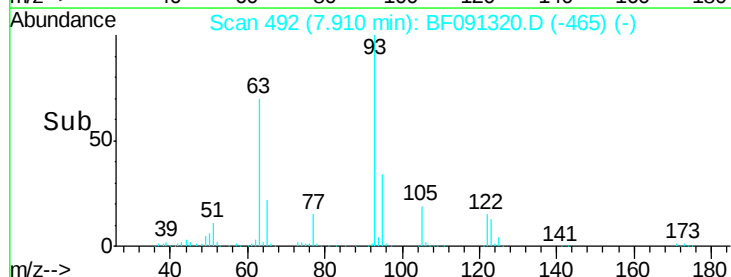
123 13.0 8.6 12.8#

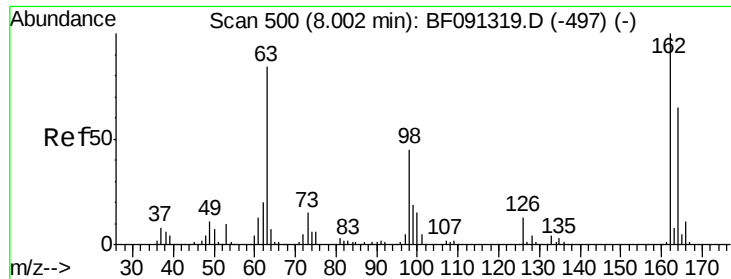


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

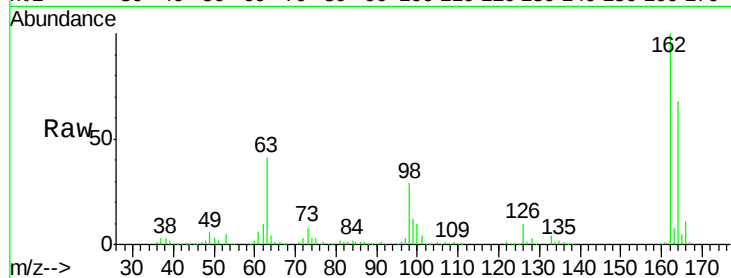




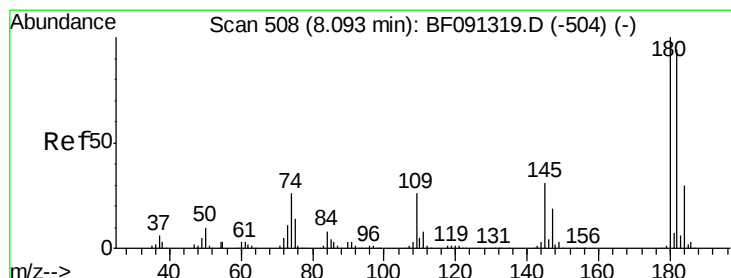
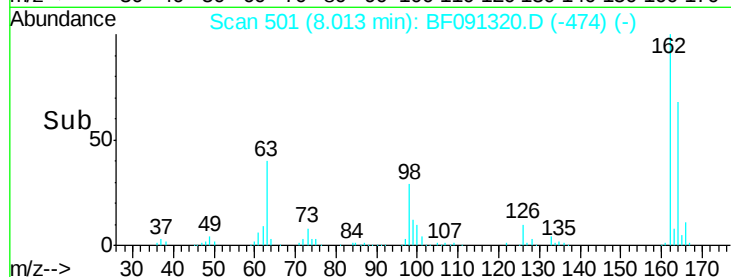
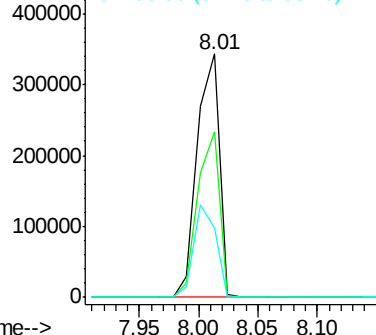
#29
 2,4-Dichlorophenol
 Concen: 50.42 ng
 RT: 8.01 min Scan# 501
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 445472
 Ion Ratio Lower Upper
 162 100
 164 68.2 45.0 85.0
 98 28.6 21.3 61.3

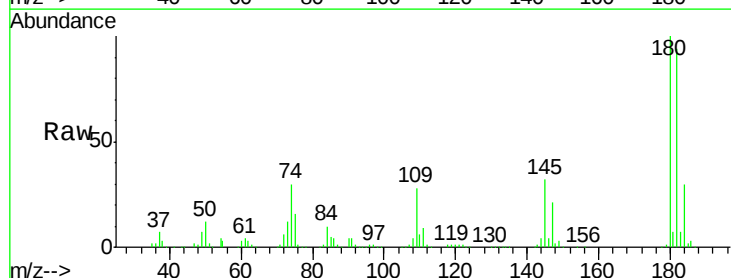


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

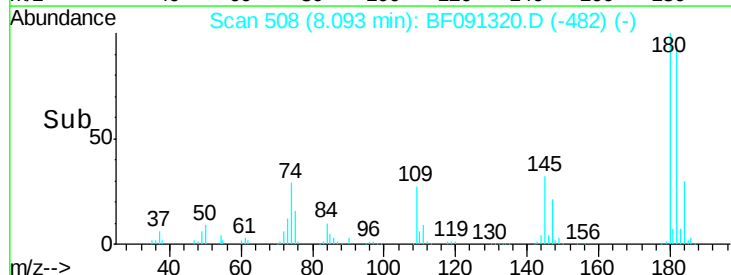
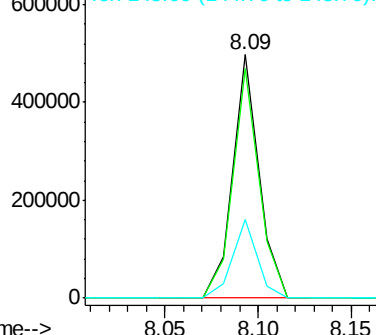


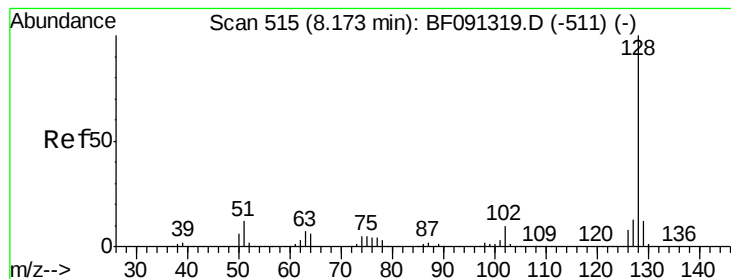
#30
 1,2,4-Trichlorobenzene
 Concen: 47.57 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion:180 Resp: 484125
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.8 113.8
 145 32.1 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: 46.63 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

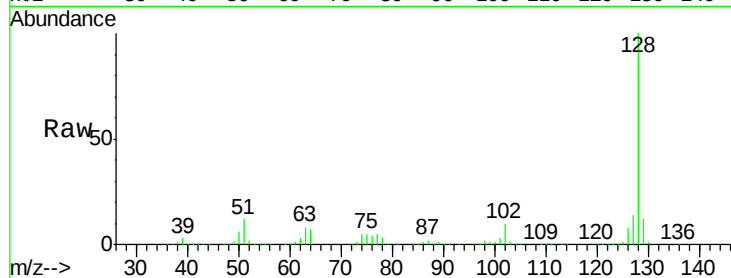
Tot Ion:128 Resp: 1449664

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

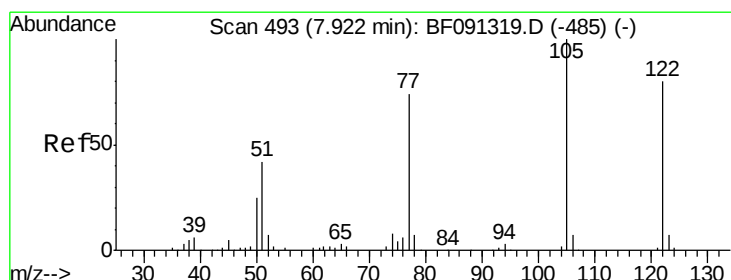
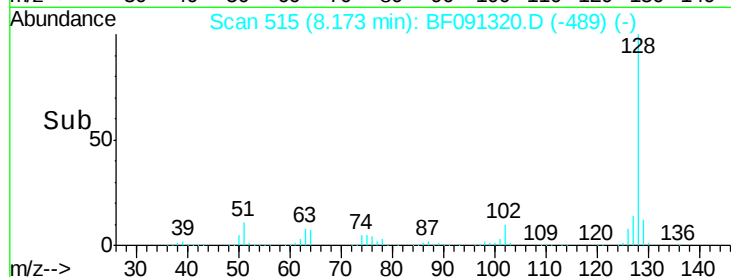
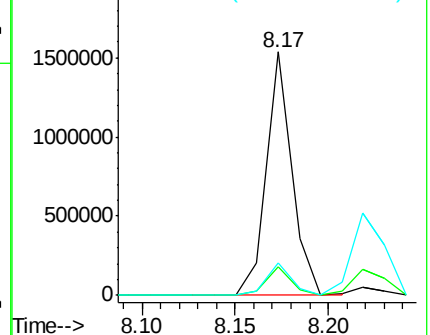
127 13.5 11.0 16.4



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: 51.32 ng

RT: 7.93 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

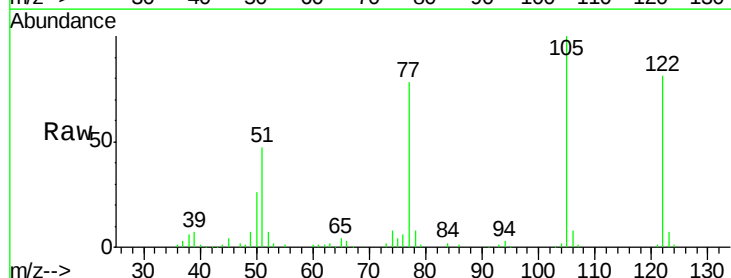
Tgt Ion:122 Resp: 404067

Ion Ratio Lower Upper

122 100

105 123.4 113.0 153.0

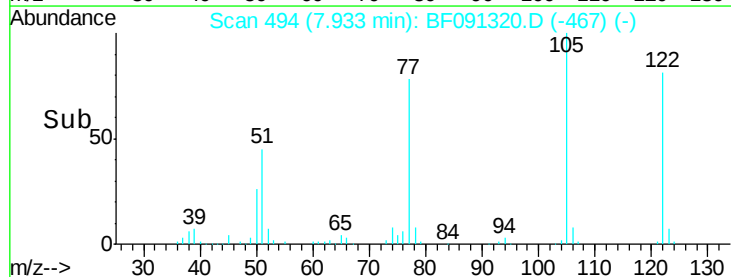
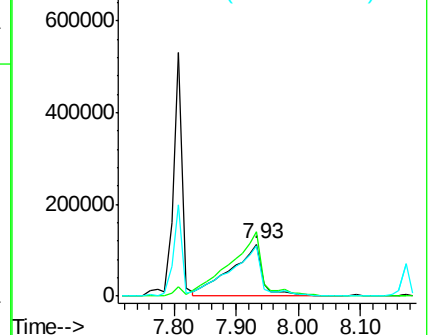
77 95.7 82.0 122.0

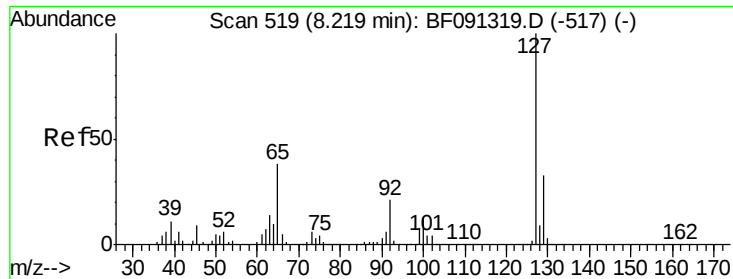


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

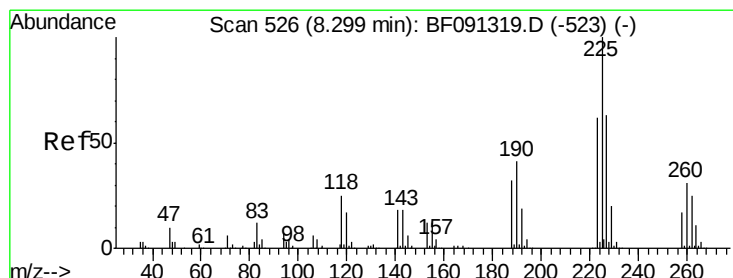
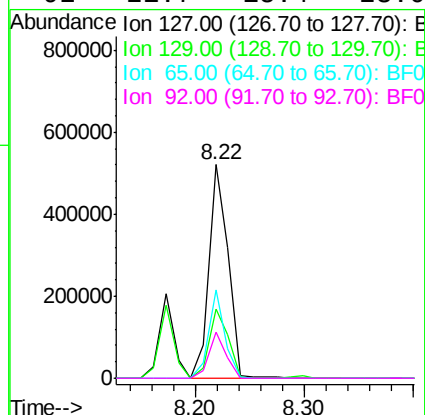
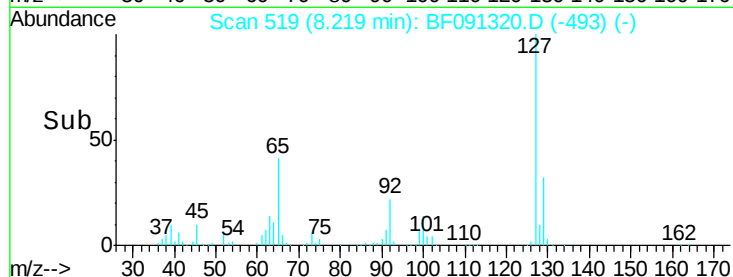
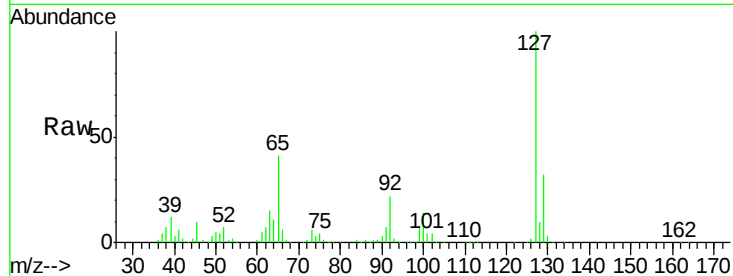




#33
4-Chloroaniline
Concen: 47.59 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

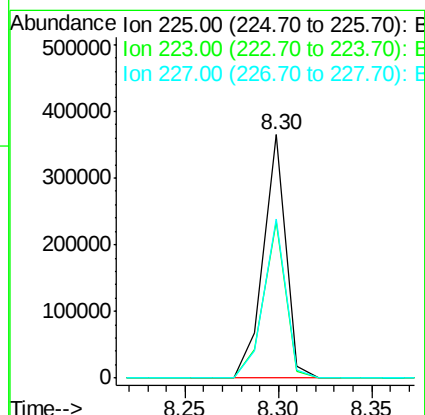
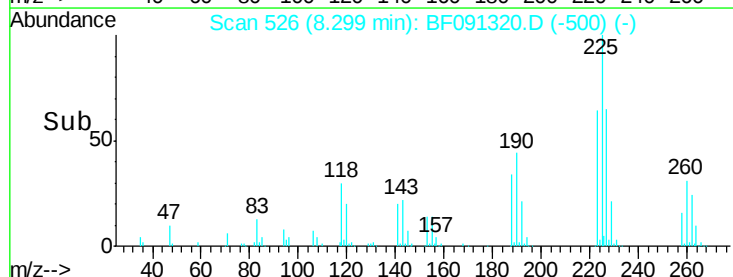
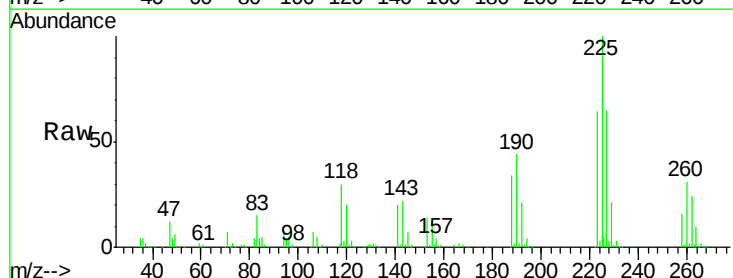
Instrument :
BNA_F
ClientSampleId :

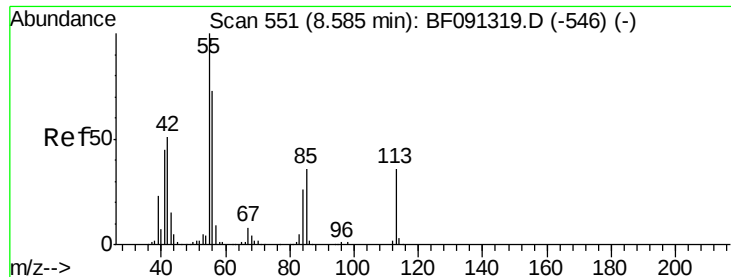
Tot Ion:	127	Resp:	643629
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	41.5	26.6	39.8
92	21.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 51.42 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion:	225	Resp:	309380
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.8	74.6
227	65.2	52.6	79.0

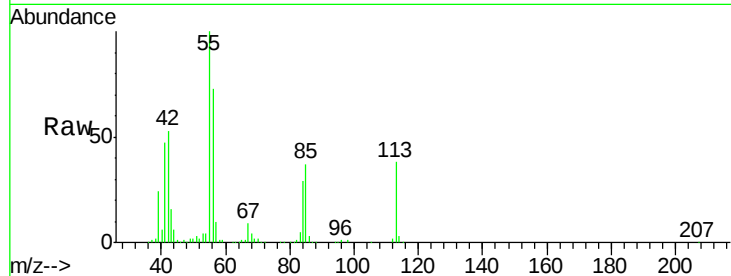




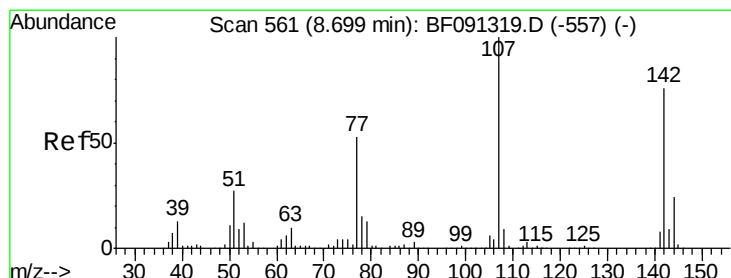
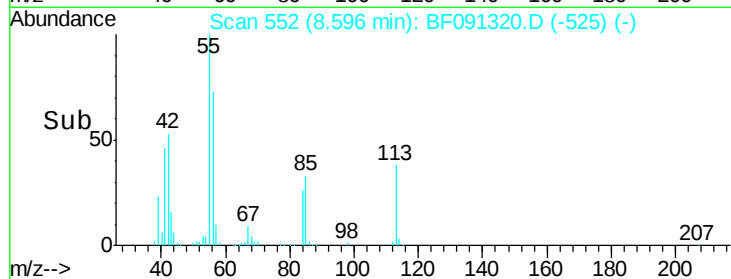
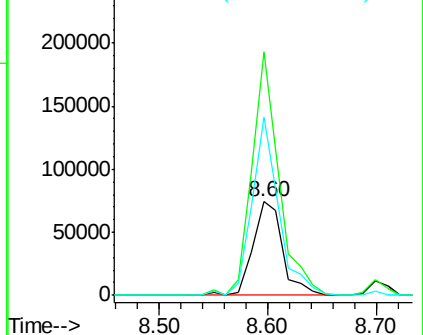
#35
 Caprolactam
 Concen: 51.95 ng
 RT: 8.60 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 141492
 Ion Ratio Lower Upper
 113 100
 55 260.7 239.8 279.8
 56 191.5 165.6 205.6

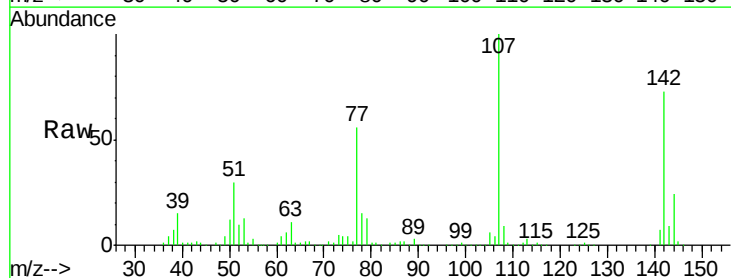


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

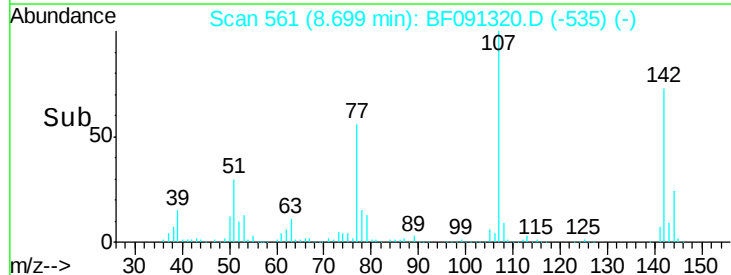
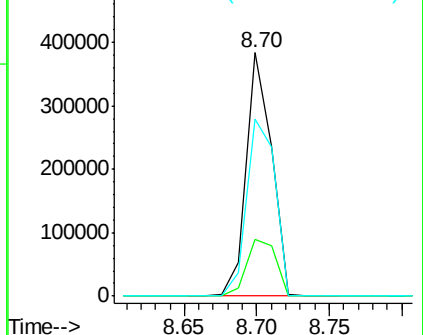


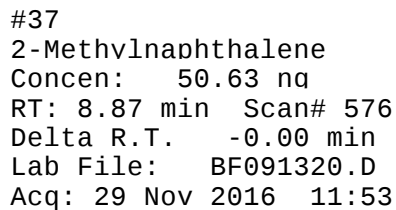
#36
 4-Chloro-3-methylphenol
 Concen: 48.89 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion:107 Resp: 464254
 Ion Ratio Lower Upper
 107 100
 144 23.5 18.9 28.3
 142 72.6 58.5 87.7



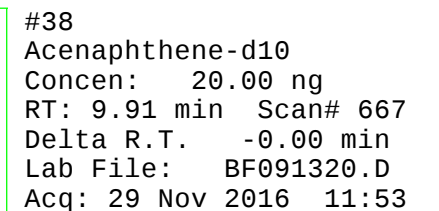
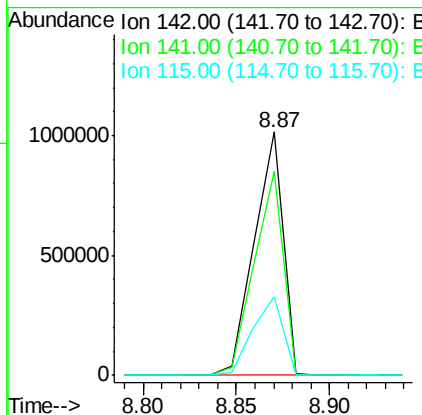
Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



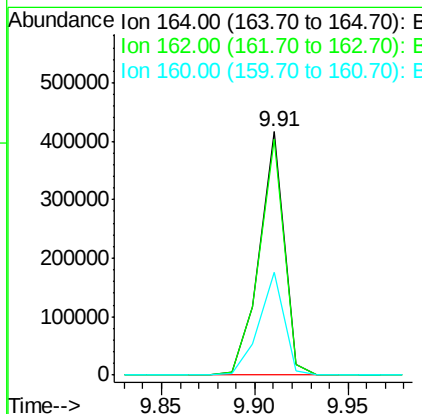


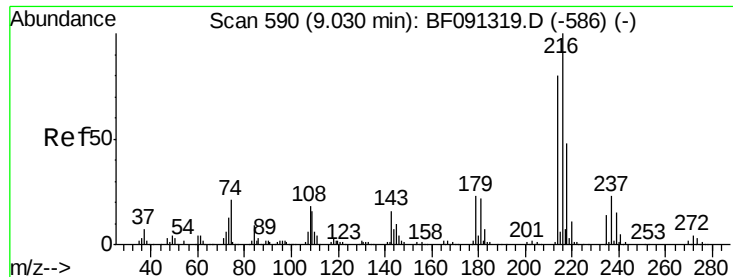
Instrument :
BNA_F
ClientSampleId :

Tot	Ion:142	Resp:	1080167
Ion	Ratio	Lower	Upper
142	100		
141	83.9	71.7	107.5
115	32.0	25.0	37.6



Tgt	Ion:164	Resp:	381858
Ion	Ratio	Lower	Upper
164	100		
162	96.9	82.6	124.0
160	42.2	36.7	55.1

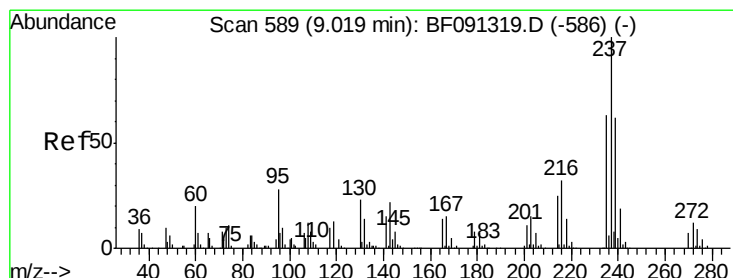
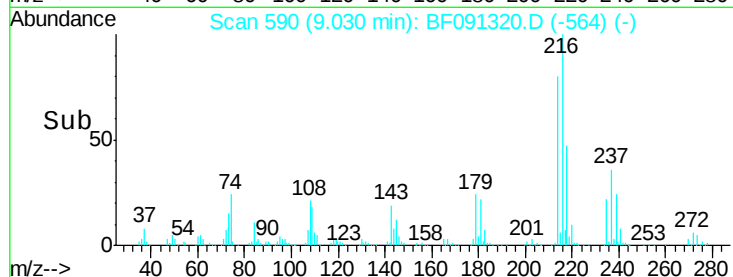
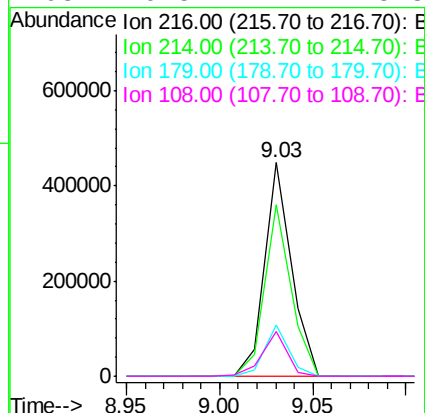
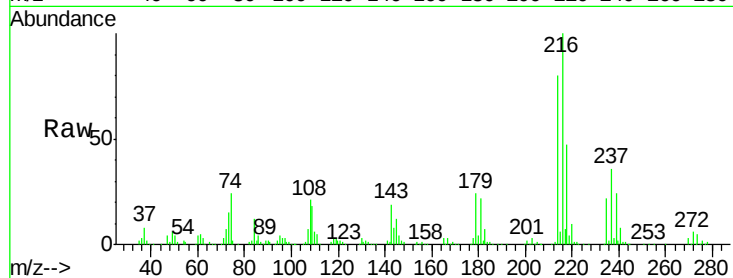




#39
1,2,4,5-Tetrachlorobenzene
Concen: 43.10 ng
RT: 9.03 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

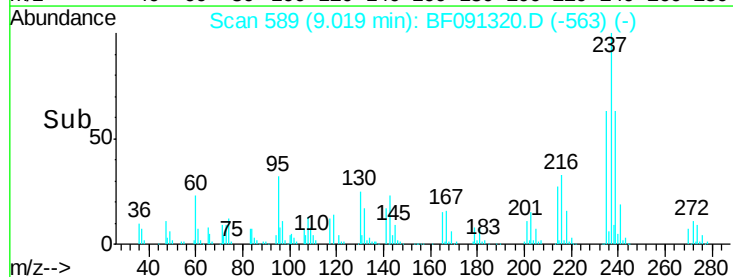
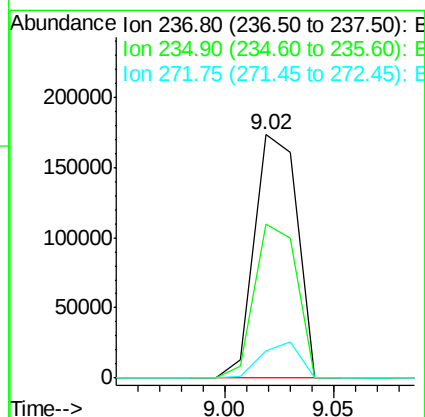
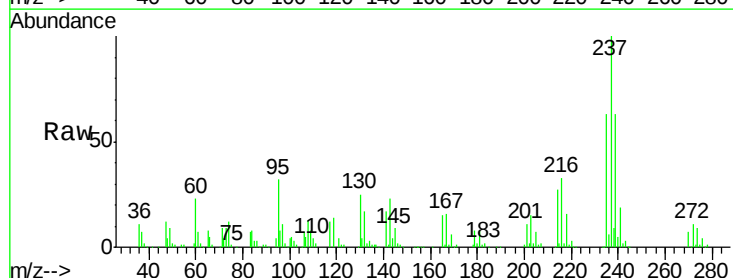
Instrument :
BNA_F
ClientSampleId :

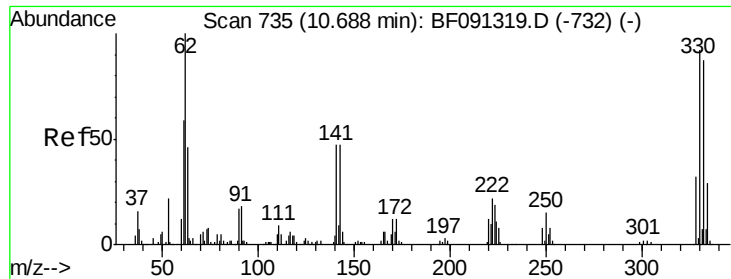
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		445973		
214	79.0		63.8	95.8	
179	21.5		18.2	27.2	
108	19.5		17.2	25.8	



#40
Hexachlorocyclopentadiene
Concen: 51.37 ng
RT: 9.02 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		237942		
235	63.0		43.9	83.9	
272	11.1		0.0	33.1	

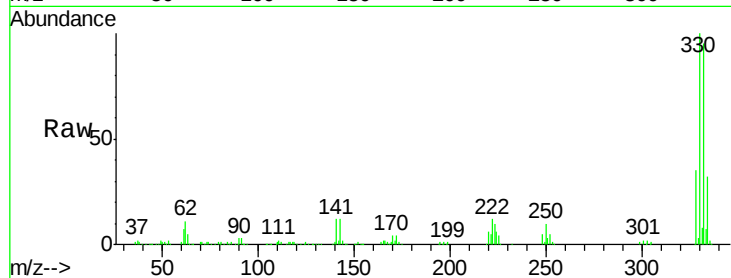




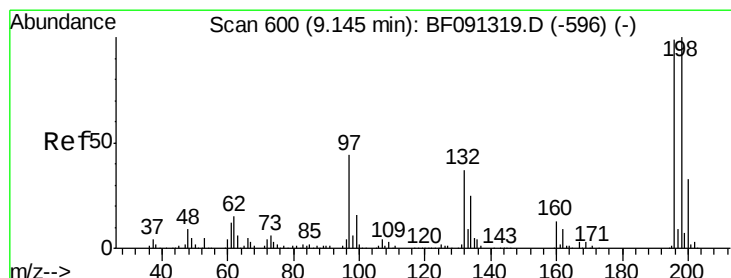
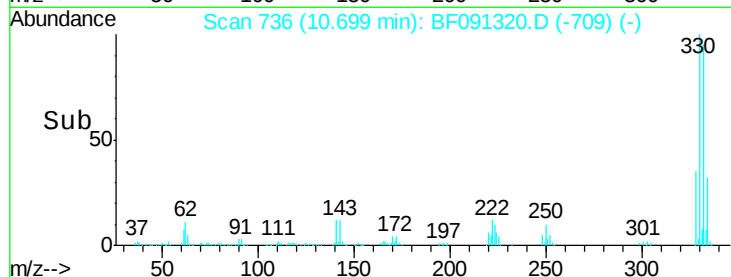
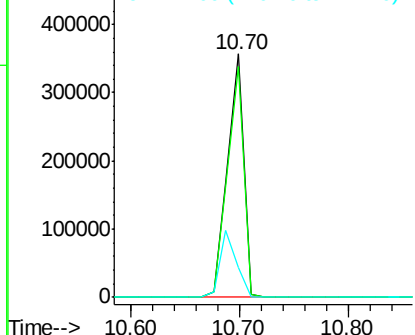
#41
 2,4,6-Tribromophenol
 Concen: 96.47 ng
 RT: 10.70 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 371478
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 27.9 33.6 50.4#

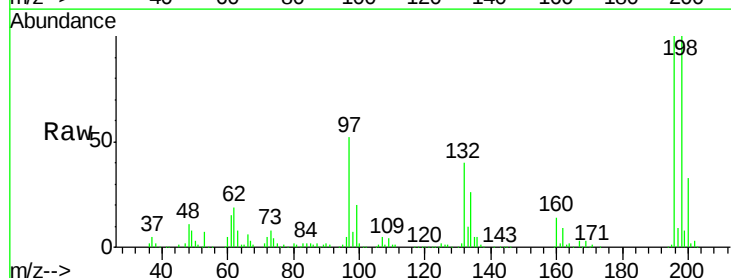


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

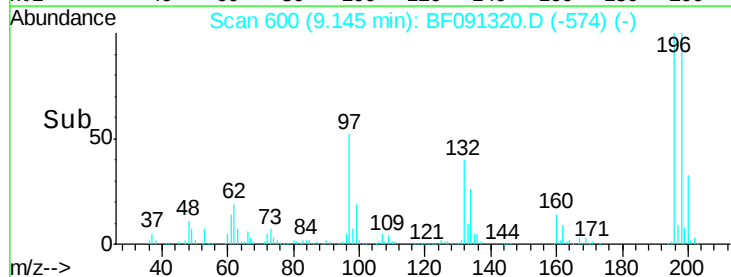
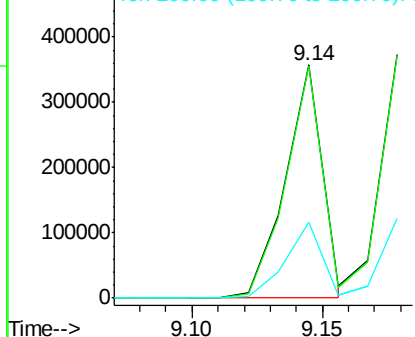


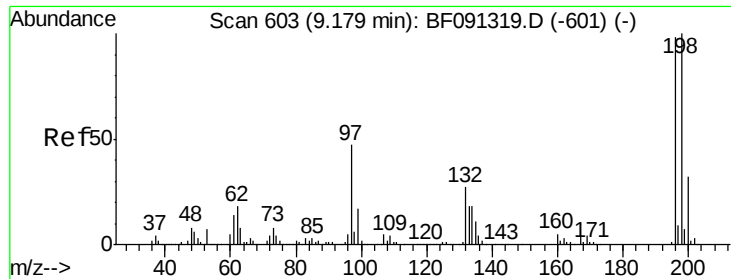
#42
 2,4,6-Trichlorophenol
 Concen: 48.94 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion:196 Resp: 349256
 Ion Ratio Lower Upper
 196 100
 198 99.7 77.4 116.0
 200 32.6 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

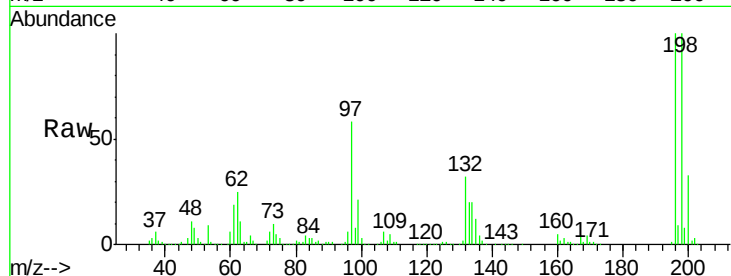




#43
 2,4,5-Trichlorophenol
 Concen: 49.16 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.5	77.0	115.6
97	58.1	33.5	50.3
132	31.5	20.5	30.7



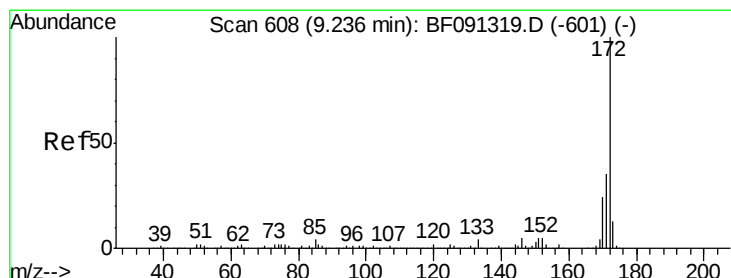
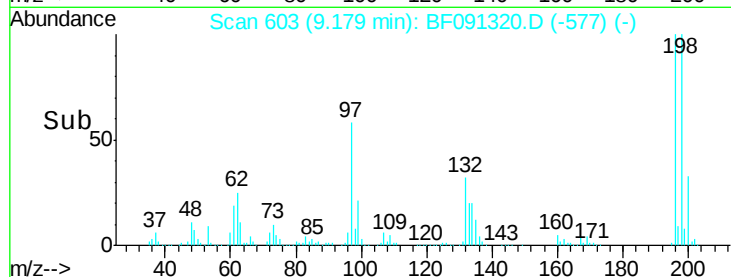
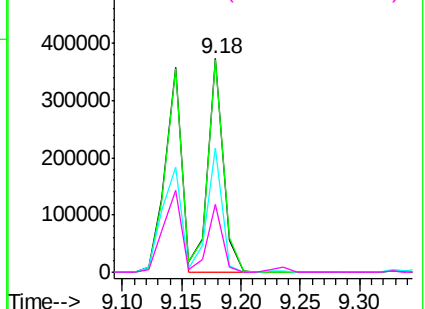
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

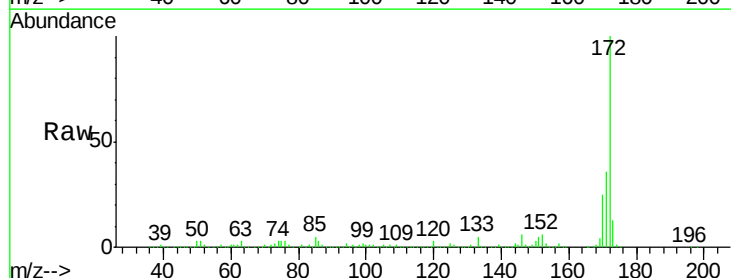
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 91.30 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.5	19.7	29.5

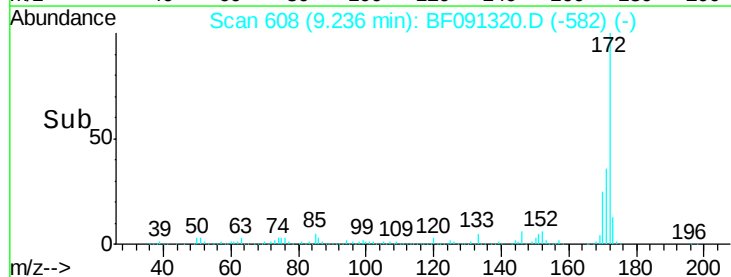
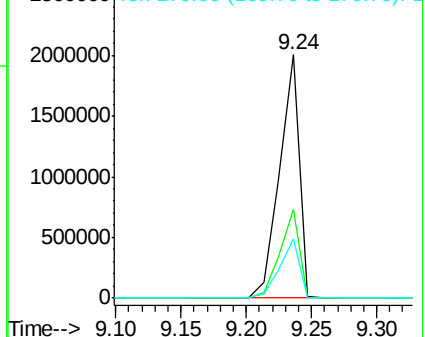


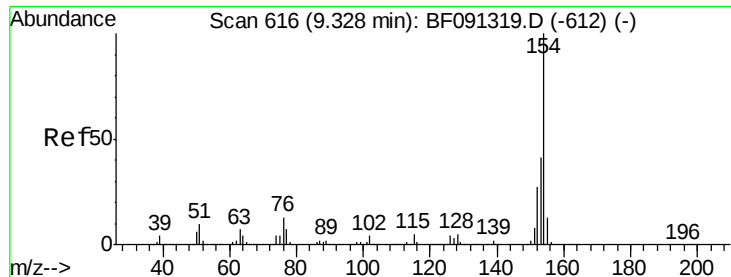
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

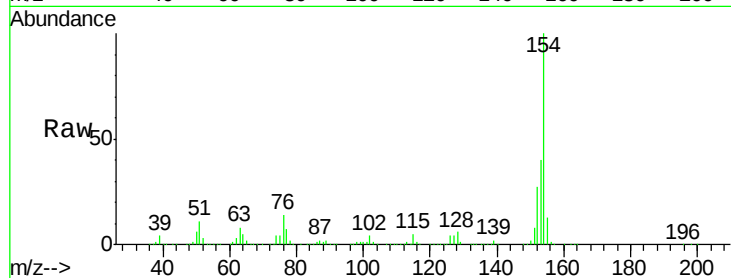




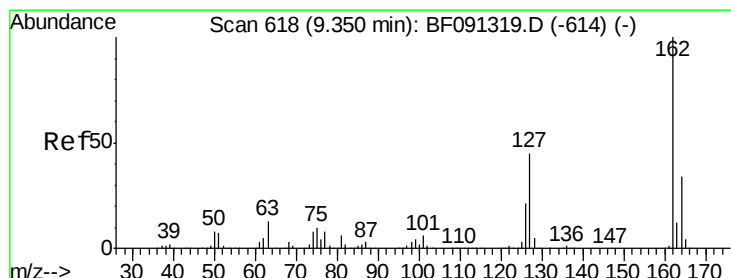
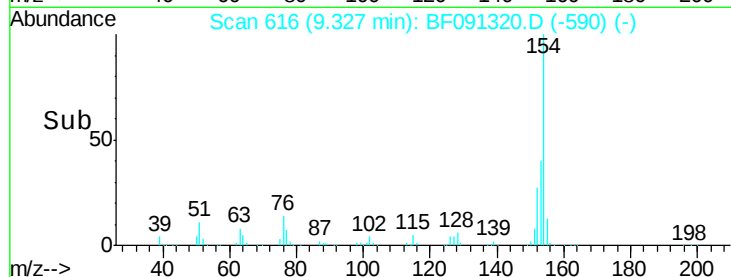
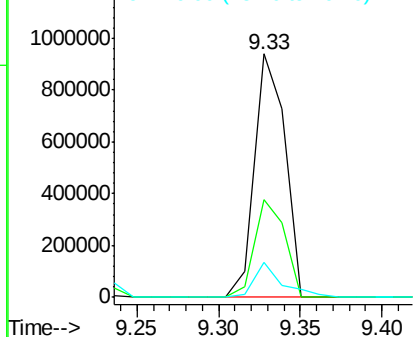
#45
 1,1'-Biphenyl
 Concen: 44.09 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1213805
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.6 60.6
 76 14.2 0.0 36.6

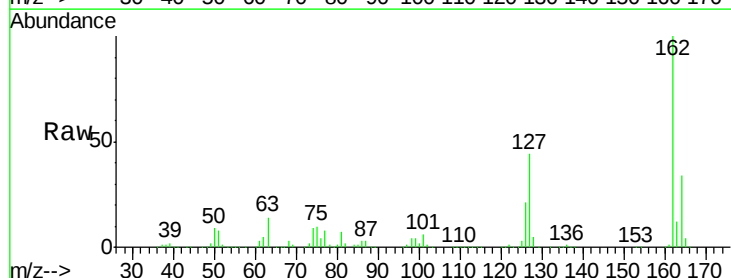


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

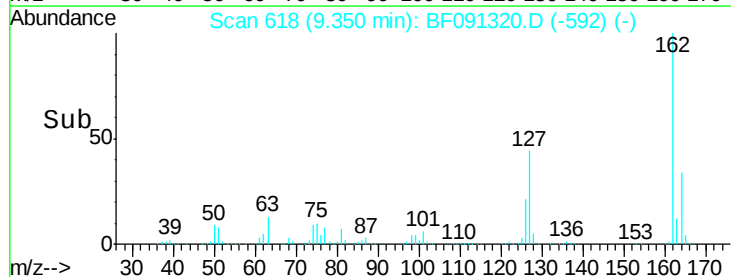
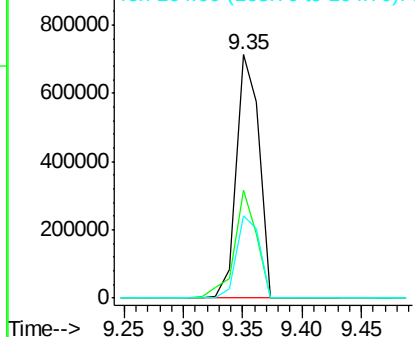


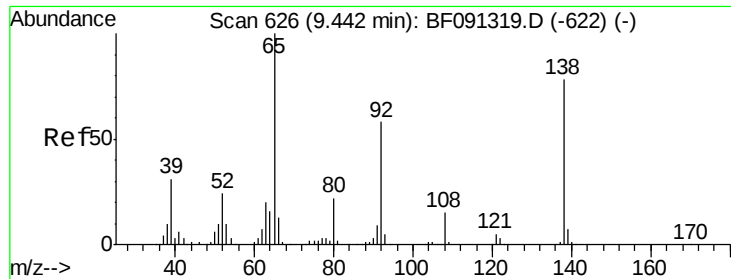
#46
 2-Chloronaphthalene
 Concen: 46.82 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion:162 Resp: 944231
 Ion Ratio Lower Upper
 162 100
 127 44.4 34.3 51.5
 164 33.6 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

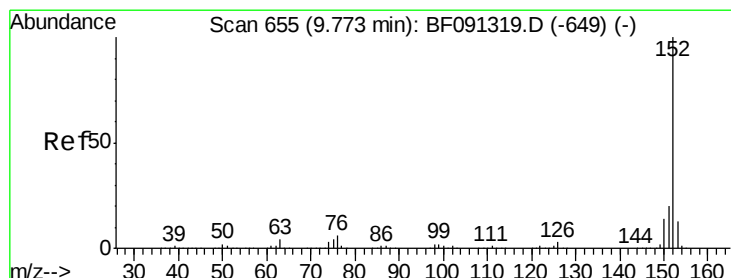
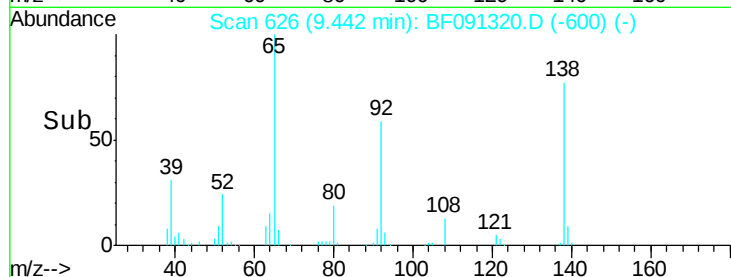
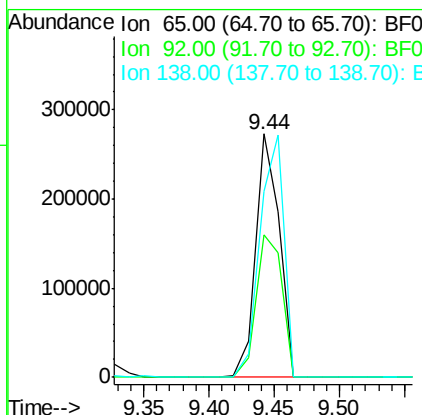
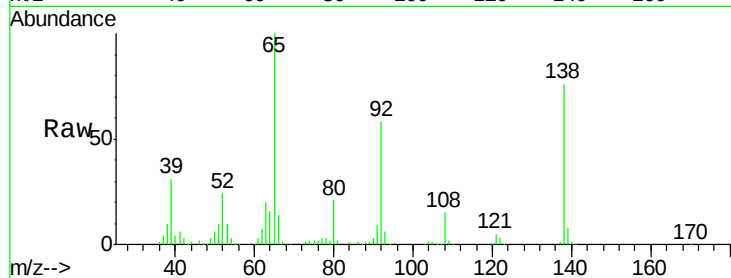




#47
2-Nitroaniline
Concen: 50.32 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

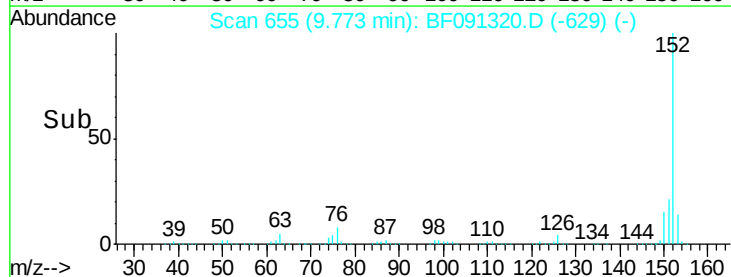
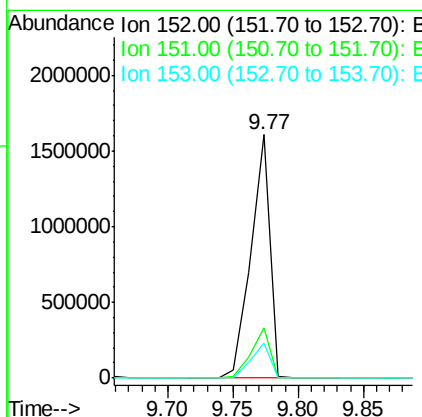
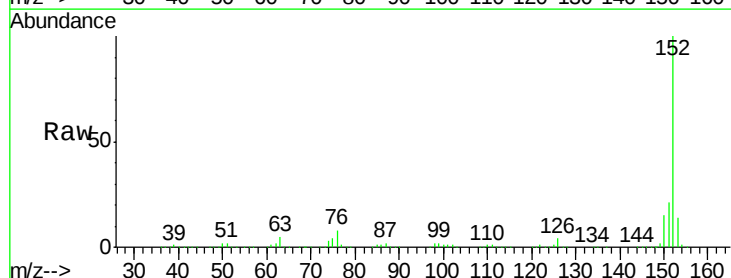
Instrument :
BNA_F
ClientSampleId :

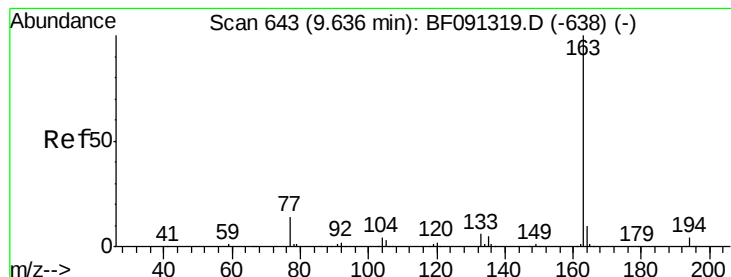
Tot Ion: 65 Resp: 344329
Ion Ratio Lower Upper
65 100
92 58.4 53.6 80.4
138 76.1 91.0 136.6#



#48
Acenaphthylene
Concen: 50.43 ng
RT: 9.77 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion:152 Resp: 1629852
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.2 10.7 16.1





#49

Dimethylphthalate

Concen: 45.19 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

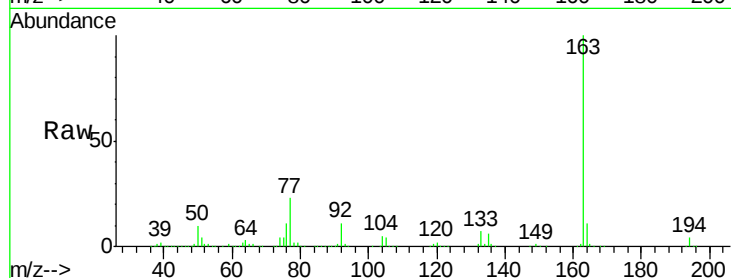
Tot Ion:163 Resp: 1077524

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

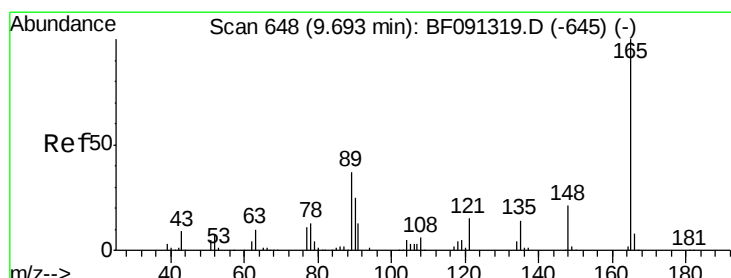
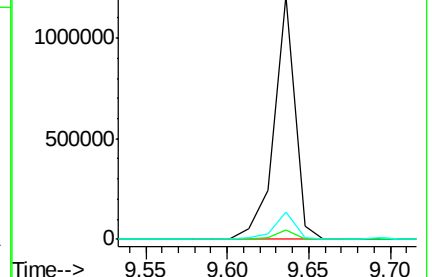
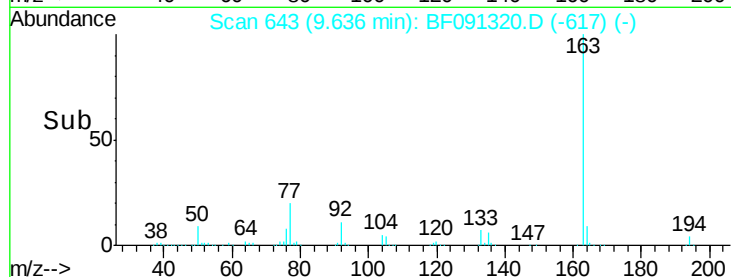
164 11.0 7.8 11.8



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: 54.04 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

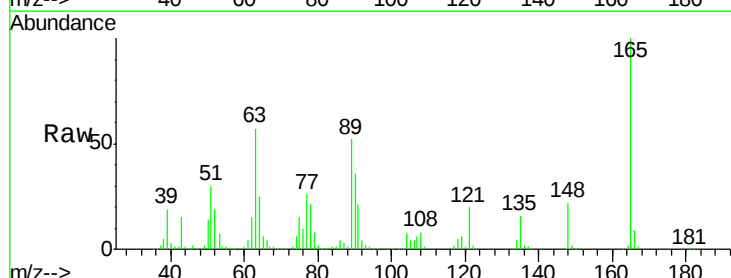
Tgt Ion:165 Resp: 281425

Ion Ratio Lower Upper

165 100

63 57.4 59.4 89.0#

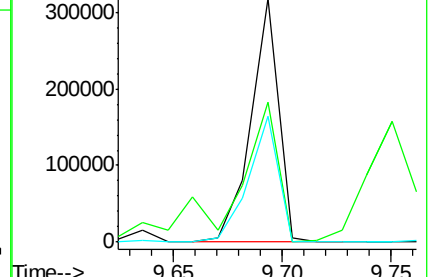
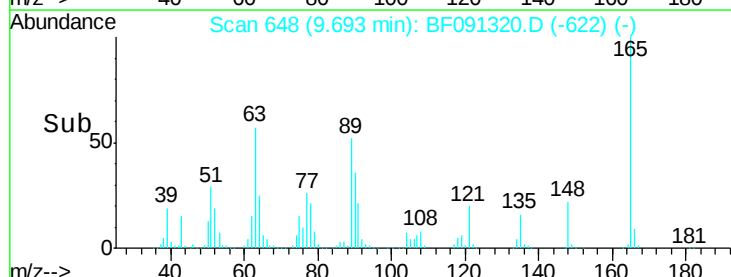
89 51.8 50.8 76.2

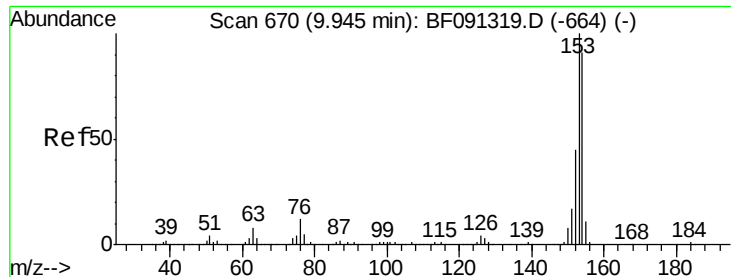


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.45 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

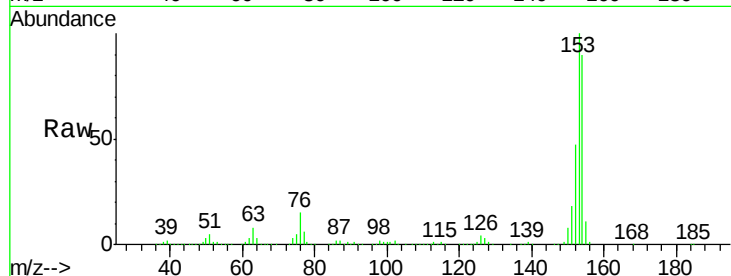
Tot Ion:154 Resp: 1065693

Ion Ratio Lower Upper

154 100

153 110.8 91.0 136.6

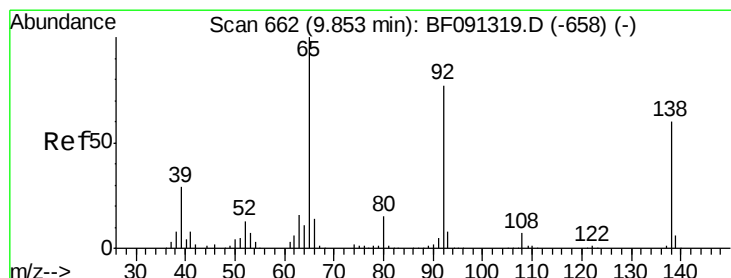
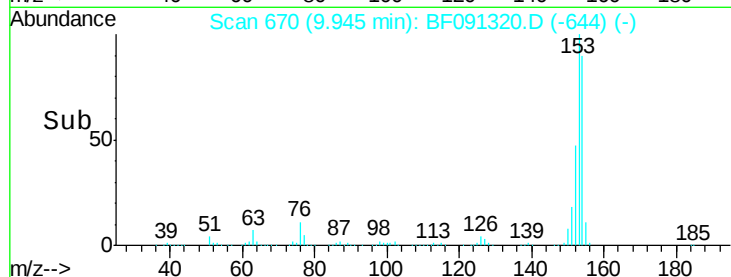
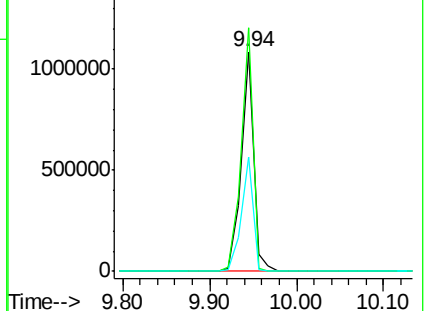
152 52.0 44.2 66.2



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: 56.19 ng

RT: 9.86 min Scan# 663

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

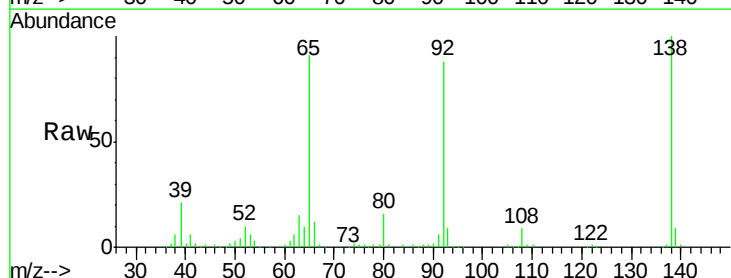
Tgt Ion:138 Resp: 314643

Ion Ratio Lower Upper

138 100

108 9.0 8.1 12.1

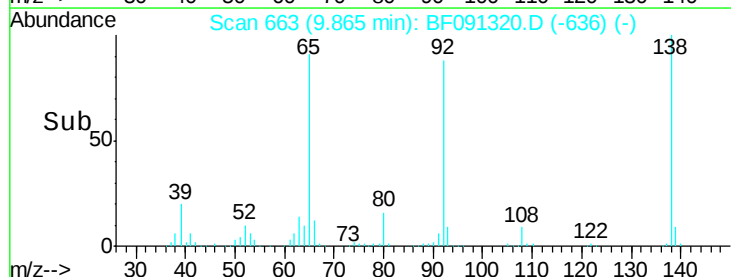
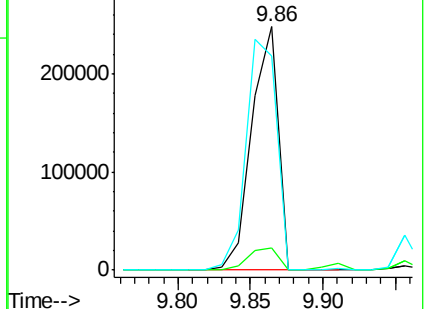
92 88.1 92.5 138.7#

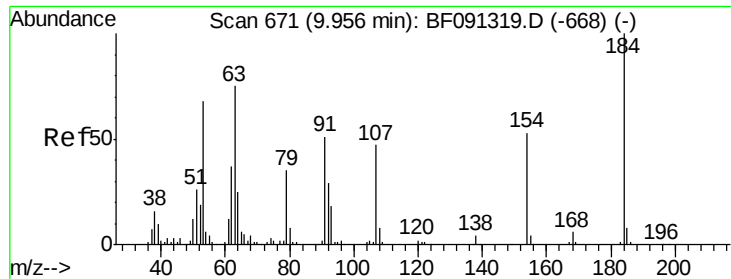


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

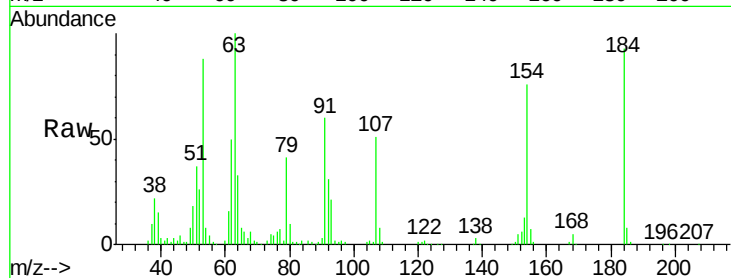




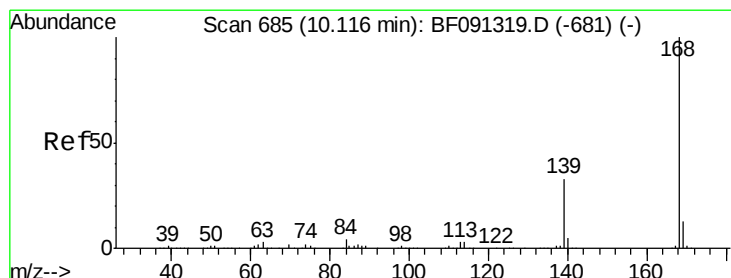
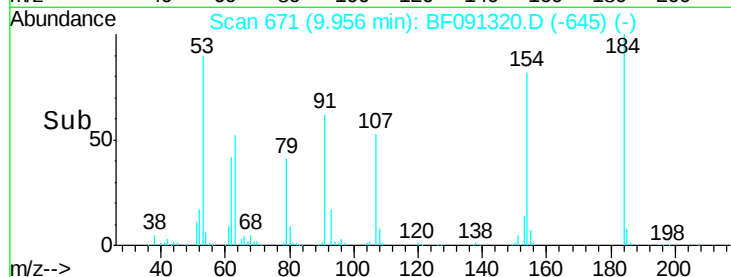
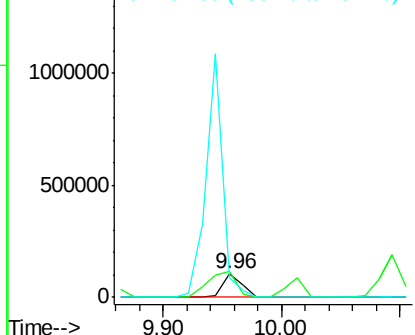
#53
2,4-Dinitrophenol
Concen: 62.00 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 117123
Ion Ratio Lower Upper
184 100
63 107.8 58.3 87.5#
154 81.9 48.6 73.0#

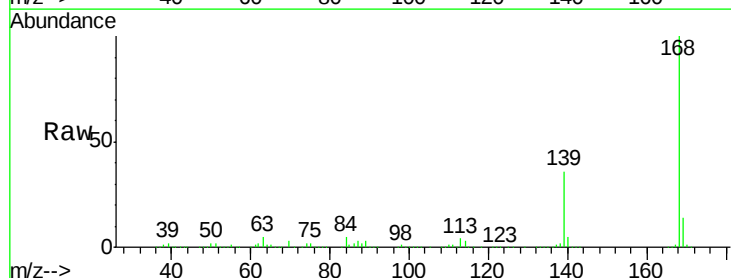


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

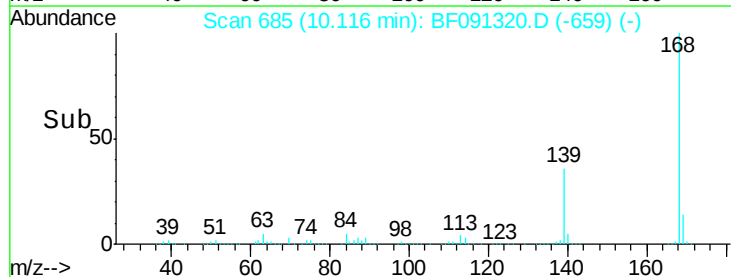
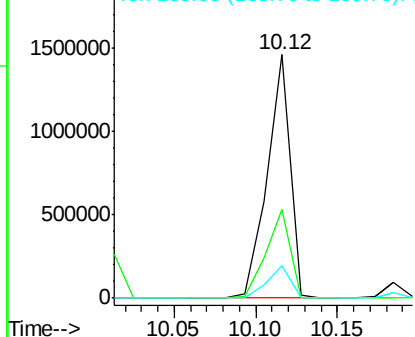


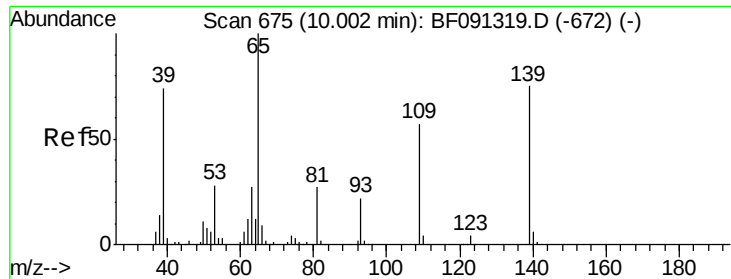
#54
Dibenzofuran
Concen: 46.04 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion:168 Resp: 1424537
Ion Ratio Lower Upper
168 100
139 36.4 33.4 50.2
169 13.6 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

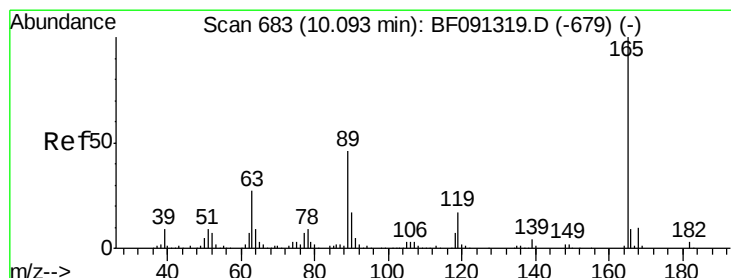
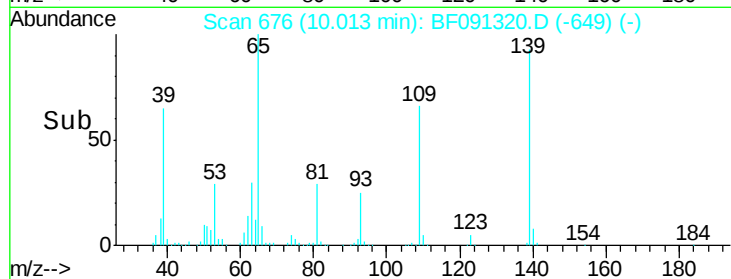
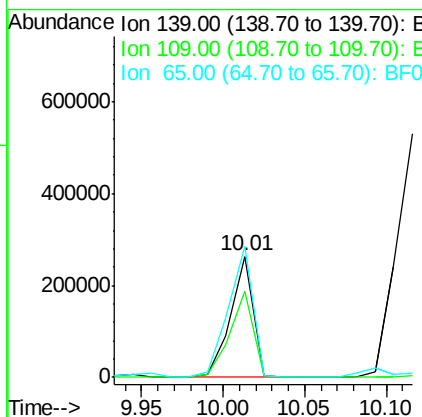
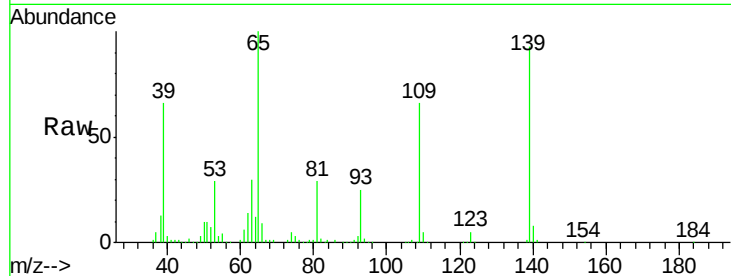




#55
4-Nitrophenol
Concen: 62.21 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

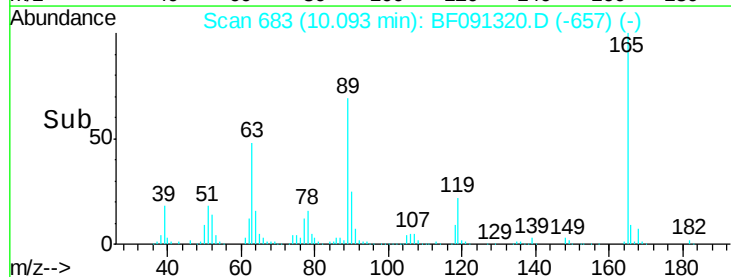
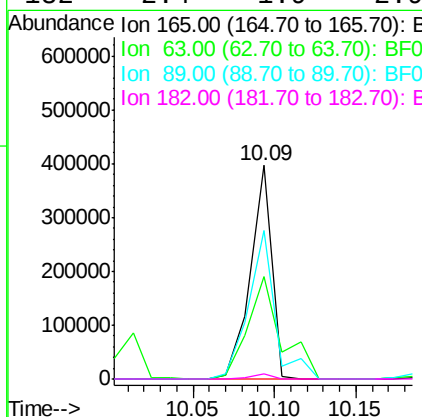
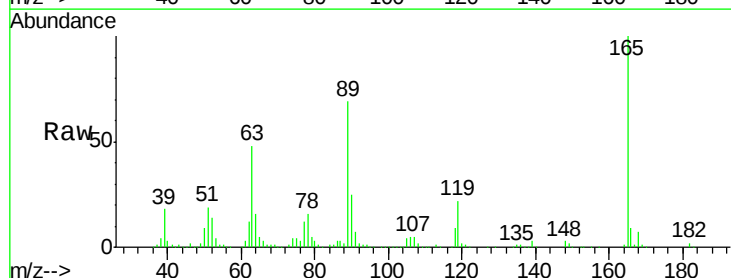
Instrument :
BNA_F
ClientSampleId :

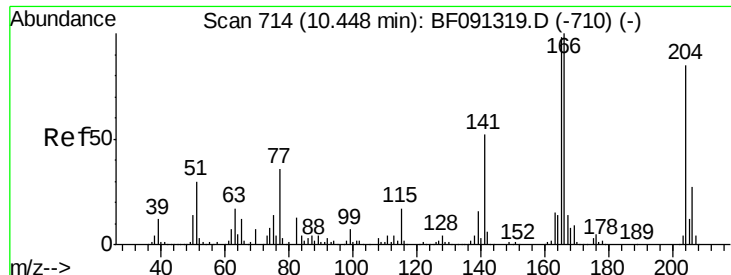
Tot Ion:139 Resp: 251242
Ion Ratio Lower Upper
139 100
109 70.8 54.9 94.9
65 107.8 102.2 142.2



#56
2,4-Dinitrotoluene
Concen: 54.84 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion:165 Resp: 361423
Ion Ratio Lower Upper
165 100
63 48.1 29.0 43.4#
89 69.4 43.1 64.7#
182 2.4 1.9 2.9

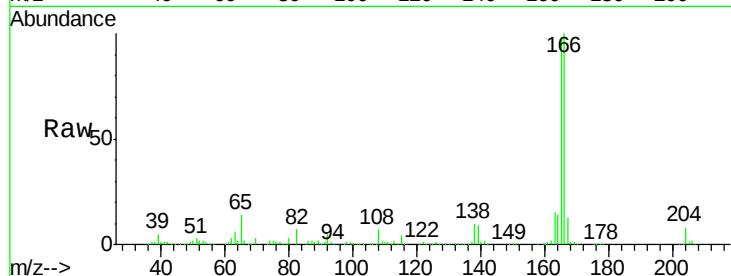




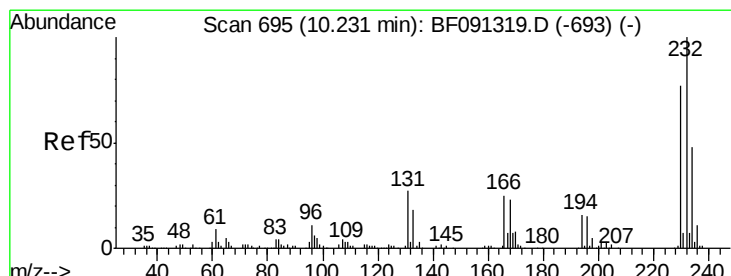
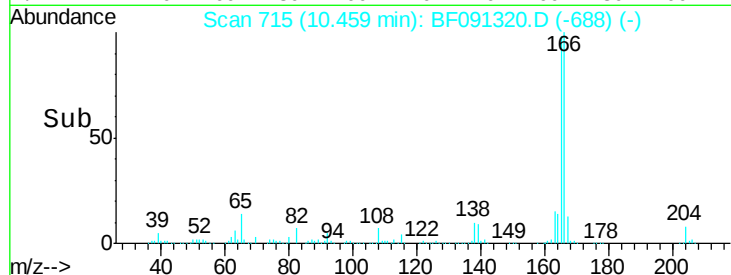
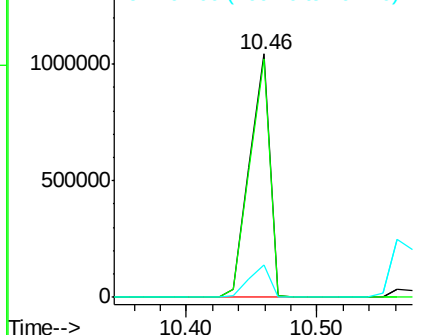
#57
Fluorene
 Concen: 47.45 ng
 RT: 10.46 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 1123415
 Ion Ratio Lower Upper
 166 100
 165 98.0 80.0 120.0
 167 13.2 10.8 16.2

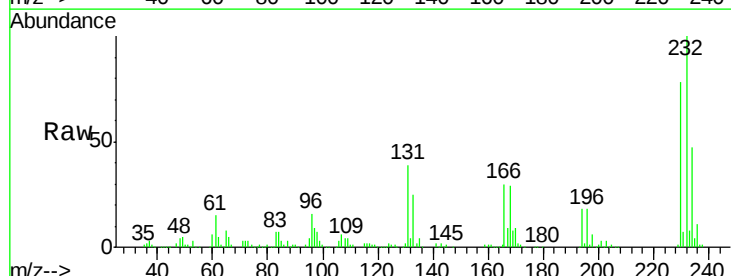


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

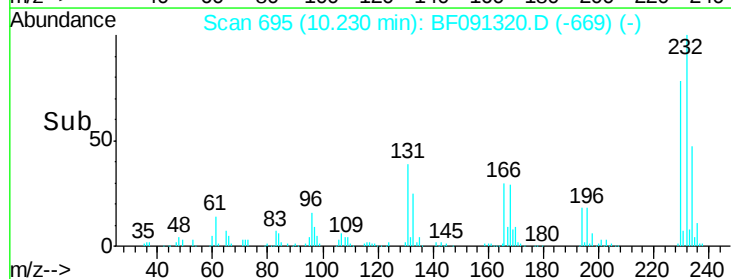
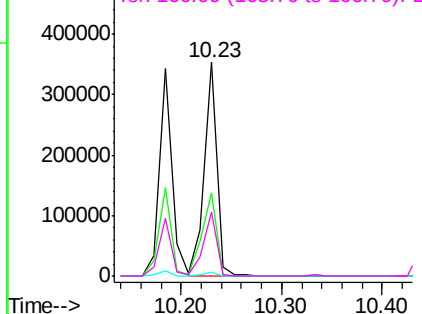


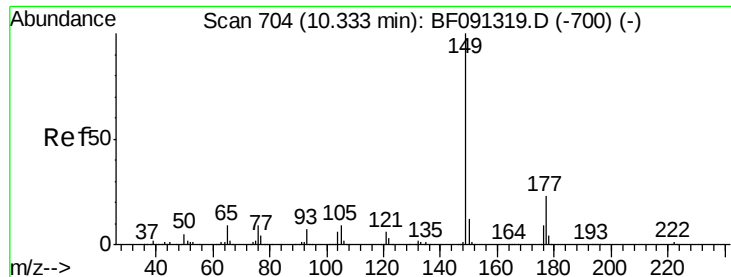
#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.24 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion:232 Resp: 308962
 Ion Ratio Lower Upper
 232 100
 131 44.1 38.4 57.6
 130 2.1 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

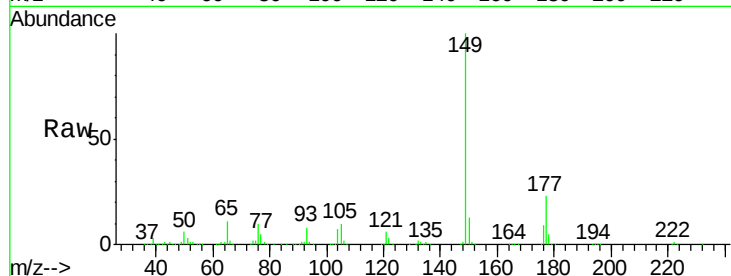




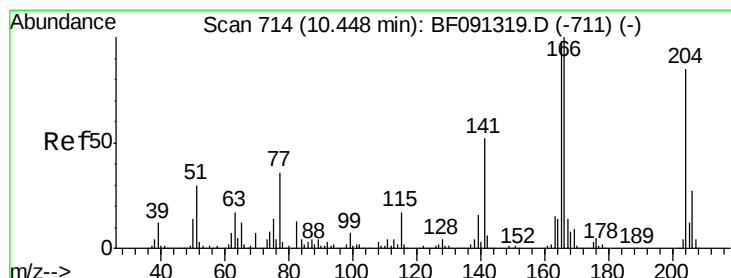
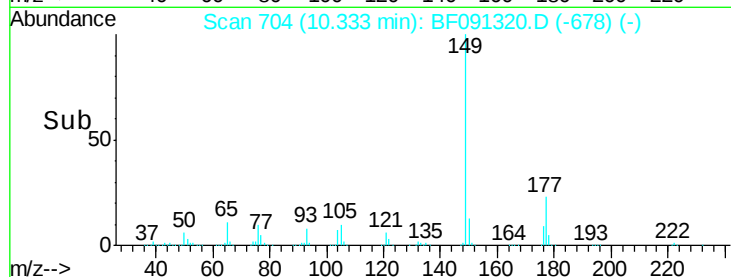
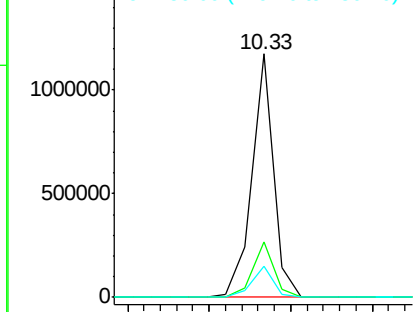
#59
Diethylphthalate
Concen: 45.22 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1084902
Ion Ratio Lower Upper
149 100
177 22.7 15.7 23.5
150 12.8 10.2 15.2

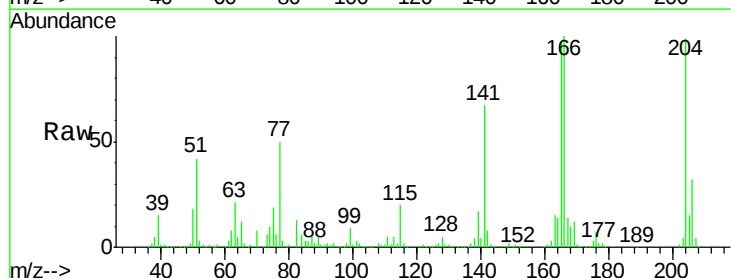


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

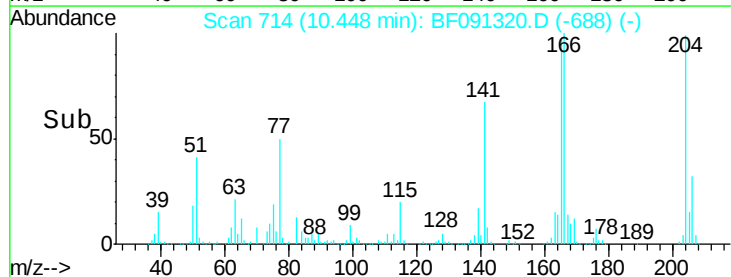
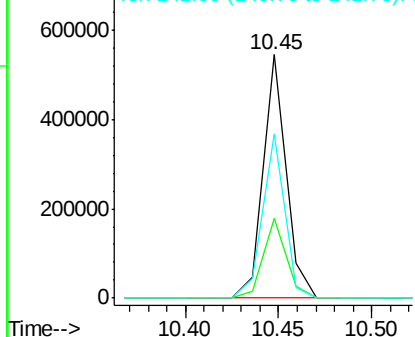


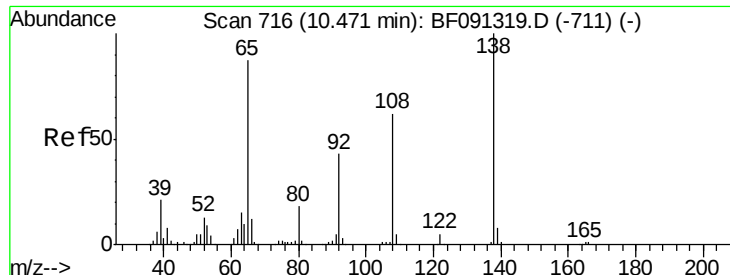
#60
4-Chlorophenyl-phenylether
Concen: 42.27 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion:204 Resp: 461048
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 67.6 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

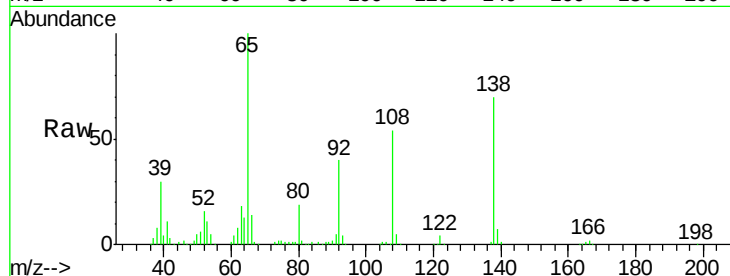




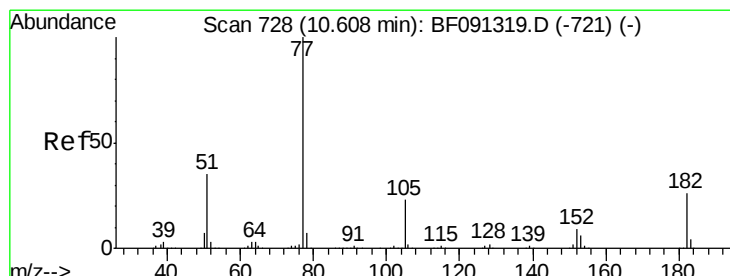
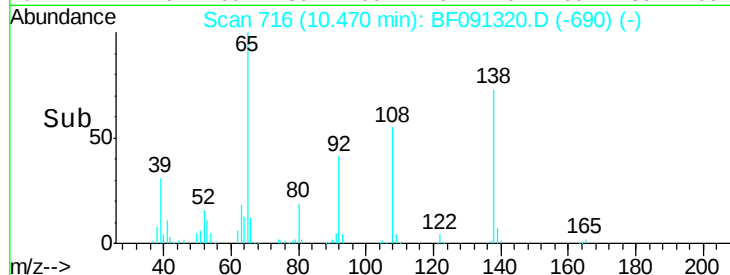
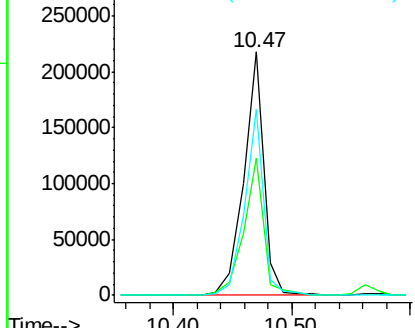
#61
4-Nitroaniline
Concen: 49.58 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.2	26.9	66.9
108	76.2	49.1	89.1

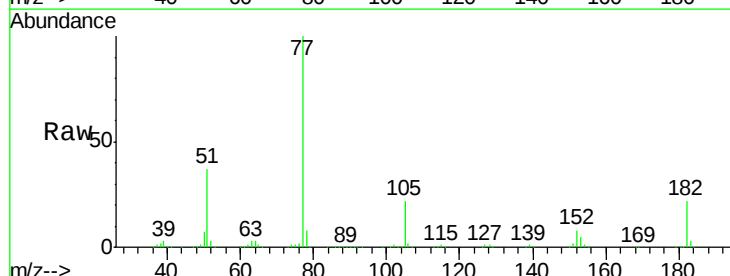


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

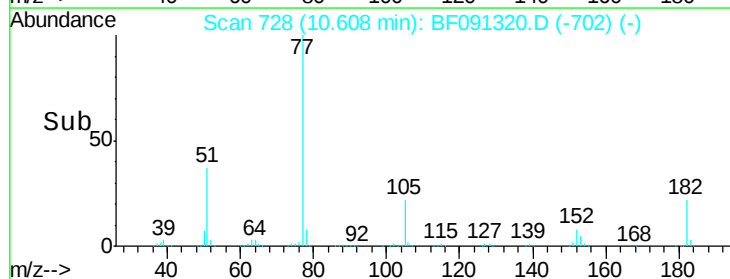
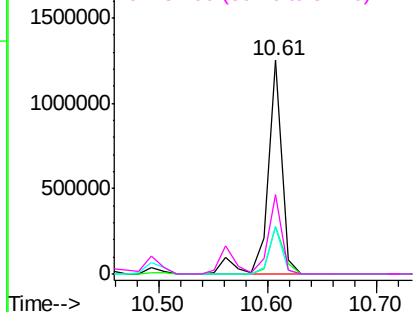


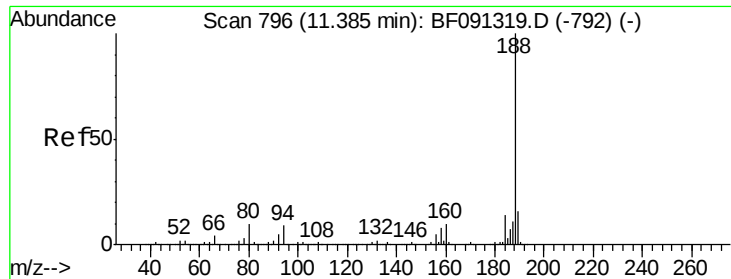
#62
Azobenzene
Concen: 47.71 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.1	12.5	52.5
105	22.0	3.7	43.7
51	36.9	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

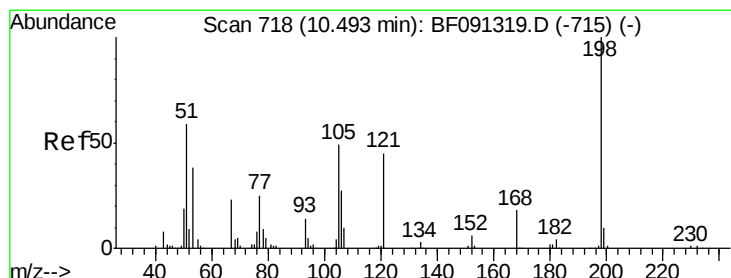
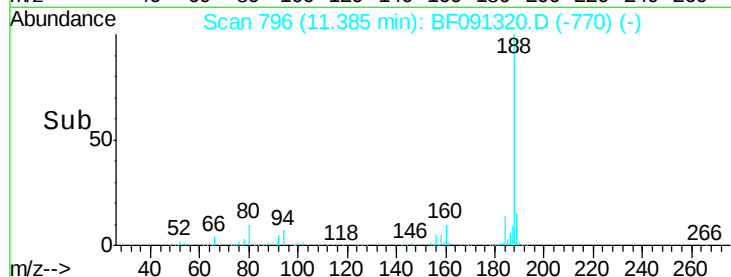
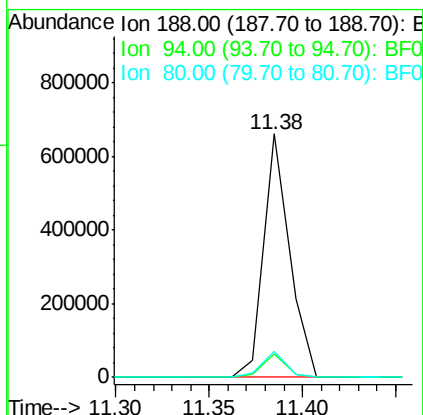
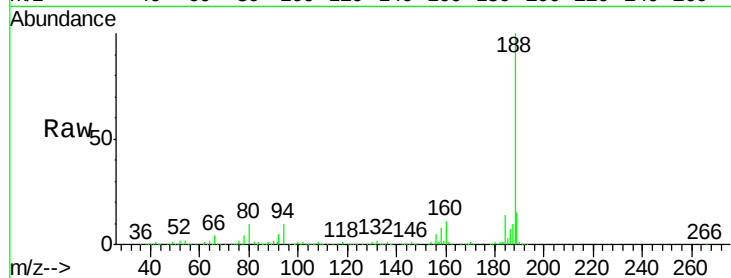




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

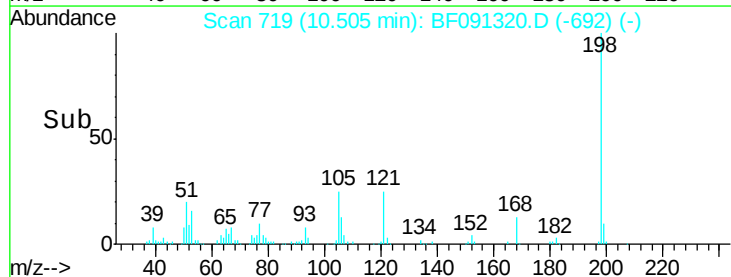
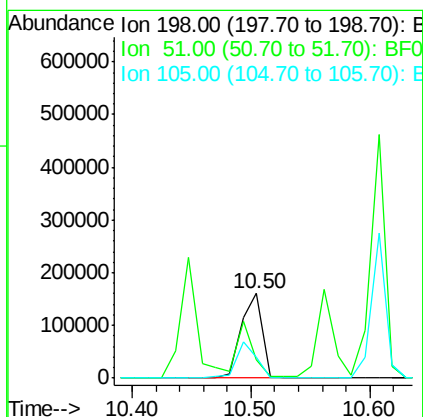
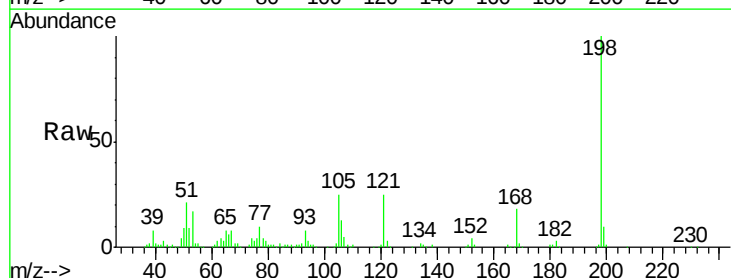
Instrument :
 BNA_F
 ClientSampleId :

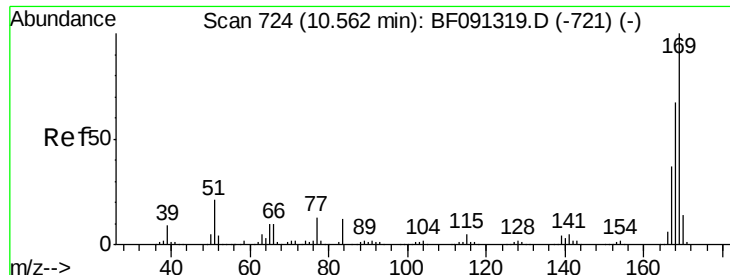
Tot Ion:188 Resp: 634683
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.2 13.8
 80 10.5 10.5 15.7#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 68.43 ng
 RT: 10.50 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion:198 Resp: 196965
 Ion Ratio Lower Upper
 198 100
 51 21.3 77.1 117.1#
 105 25.0 44.8 84.8#

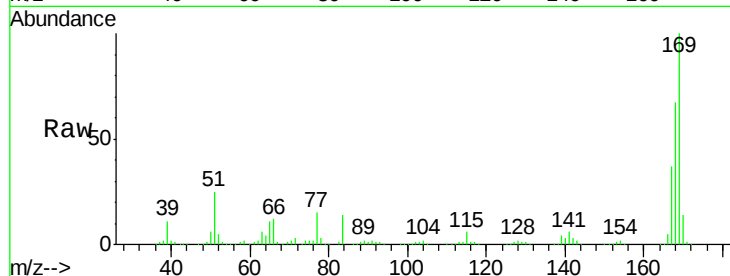




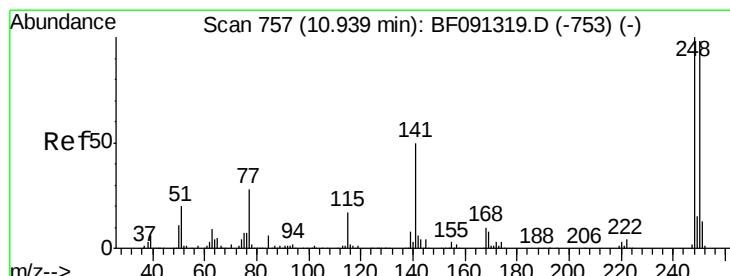
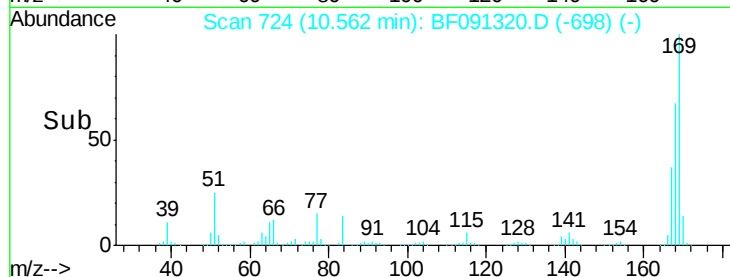
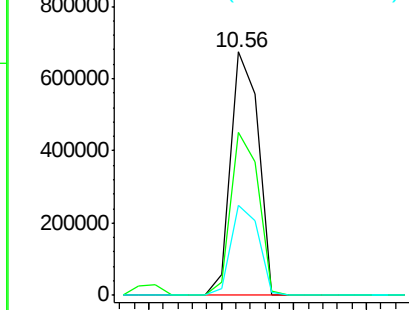
#65
 n-Nitrosodiphenylamine
 Concen: 46.08 ng
 RT: 10.56 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 887883
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.8 80.8
 167 36.8 29.8 44.8

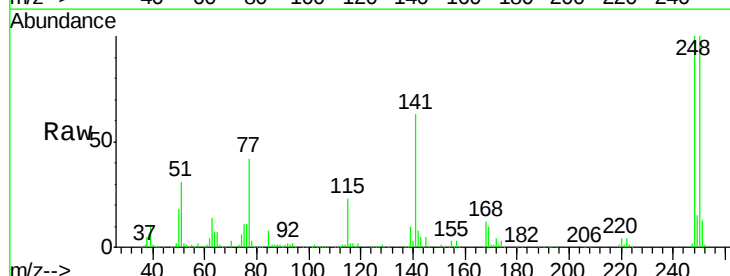


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

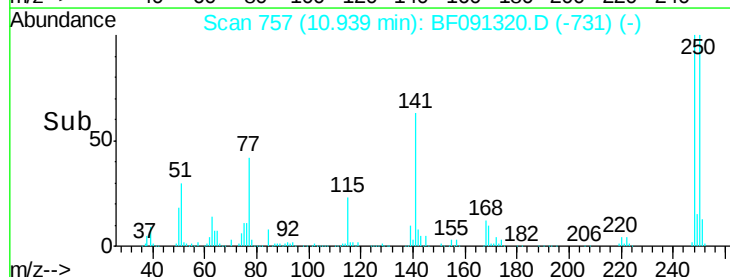
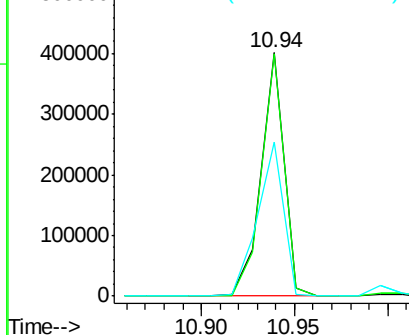


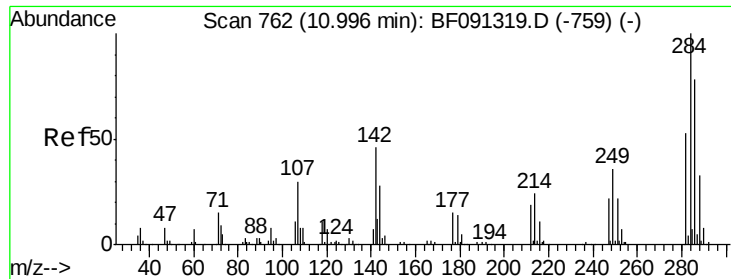
#66
 4-Bromophenyl-phenylether
 Concen: 48.69 ng
 RT: 10.94 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion:248 Resp: 337748
 Ion Ratio Lower Upper
 248 100
 250 99.6 78.2 117.4
 141 63.4 71.9 107.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

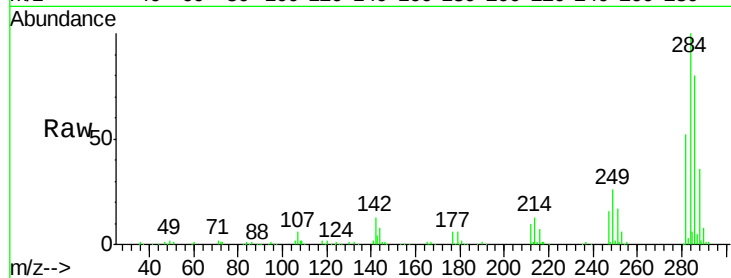




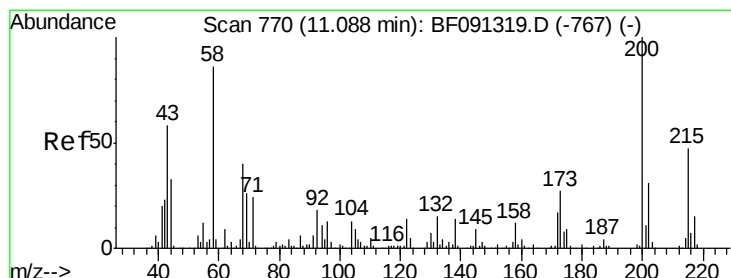
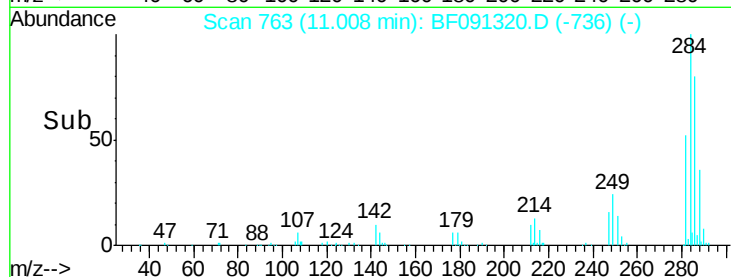
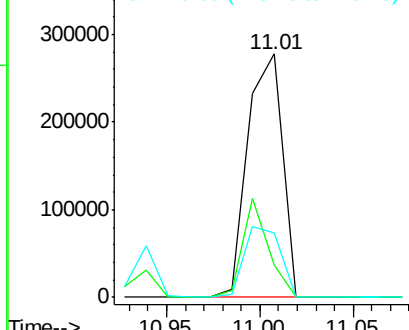
#67
Hexachlorobenzene
Concen: 46.88 ng
RT: 11.01 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 356527
Ion Ratio Lower Upper
284 100
142 13.1 17.9 26.9#
249 26.4 23.6 35.4

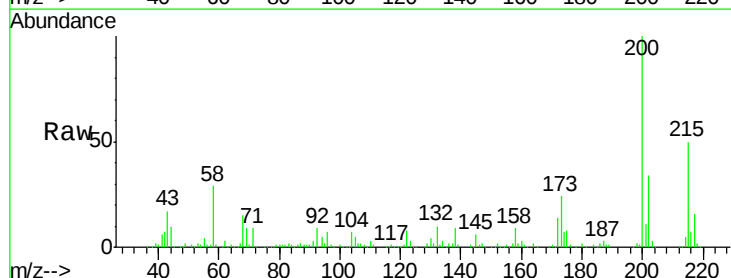


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

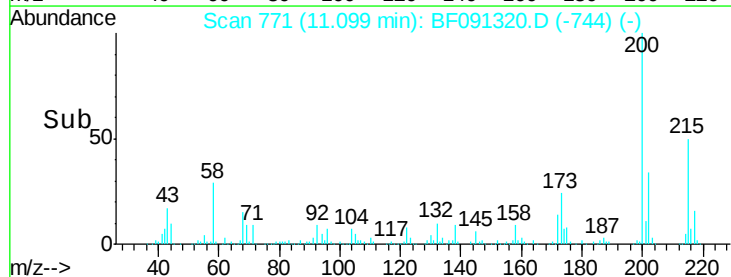
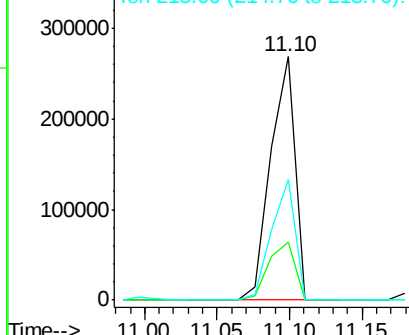


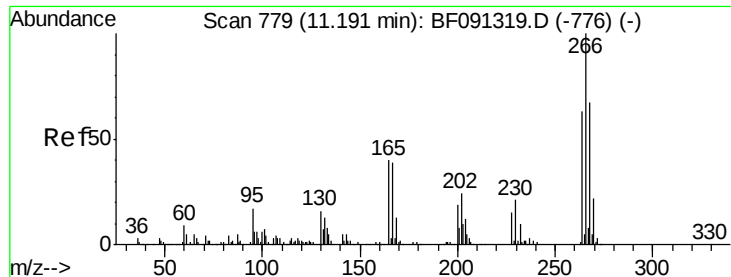
#68
Atrazine
Concen: 61.26 ng
RT: 11.10 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion:200 Resp: 311602
Ion Ratio Lower Upper
200 100
173 23.6 7.8 47.8
215 49.6 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

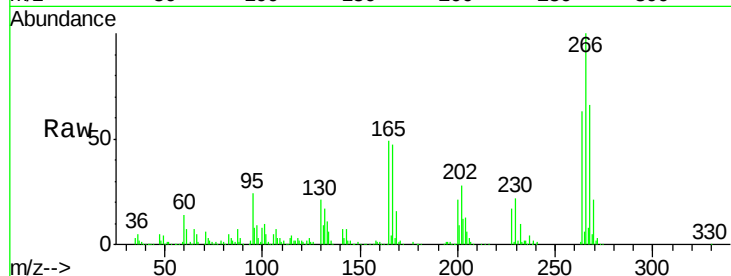




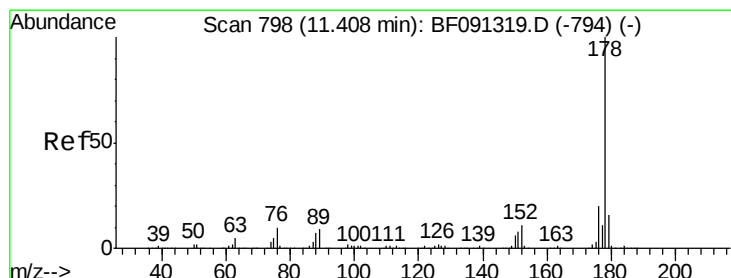
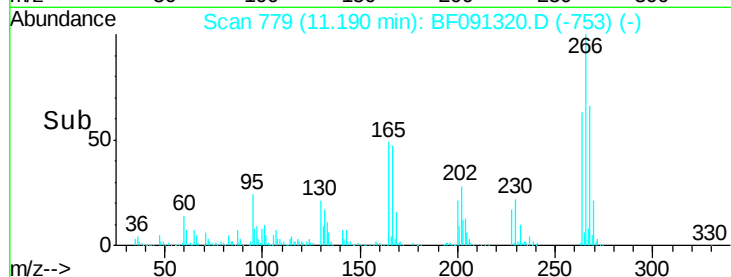
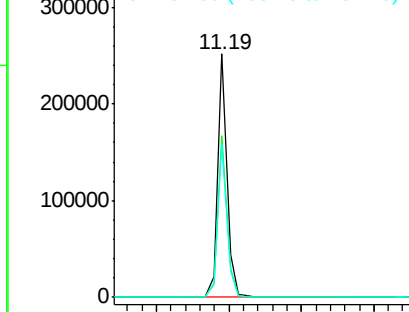
#69
 Pentachlorophenol
 Concen: 50.03 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 225080
 Ion Ratio Lower Upper
 266 100
 268 66.5 50.3 75.5
 264 63.0 48.2 72.2

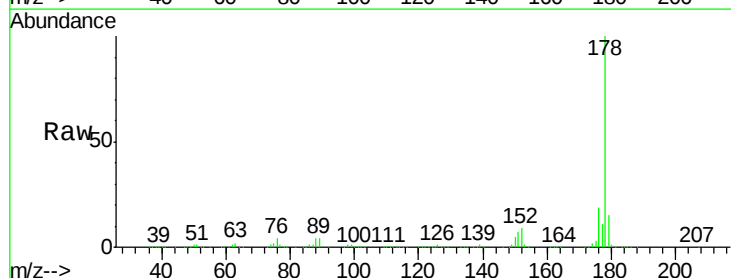


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

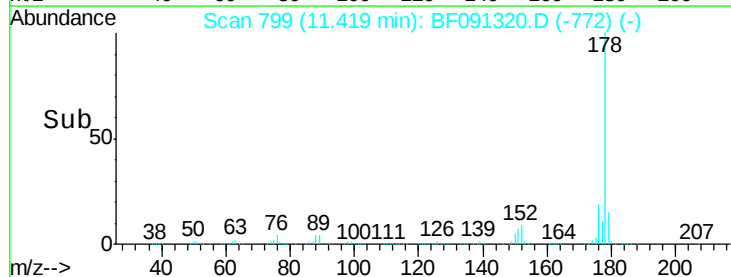
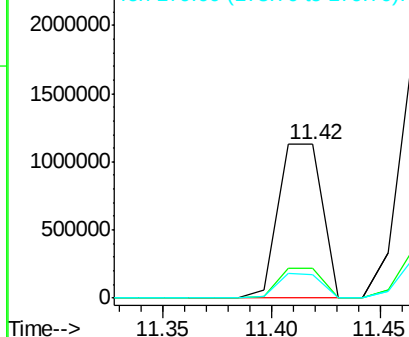


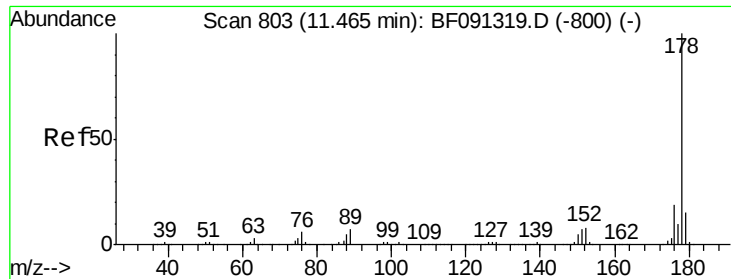
#70
 Phenanthrene
 Concen: 48.40 ng
 RT: 11.42 min Scan# 799
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion:178 Resp: 1593484
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.4 12.6 18.8



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

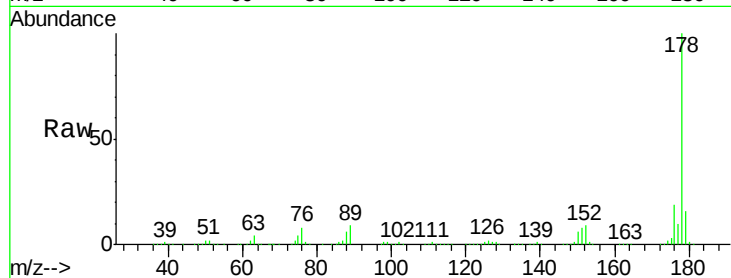




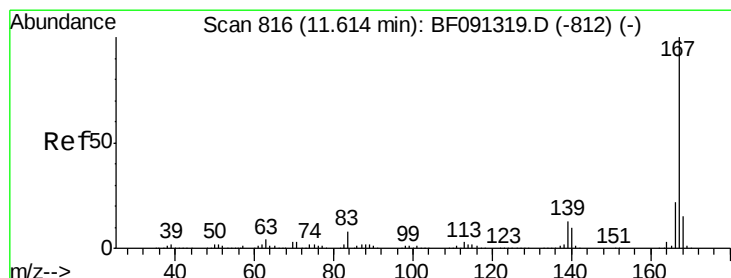
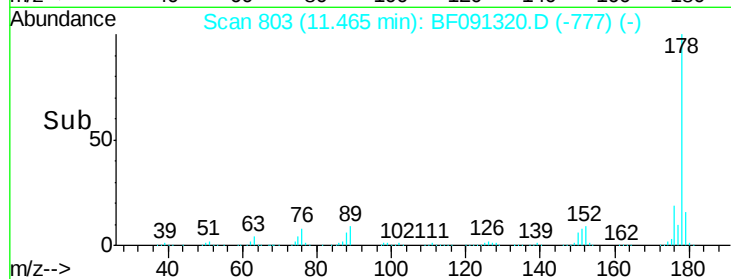
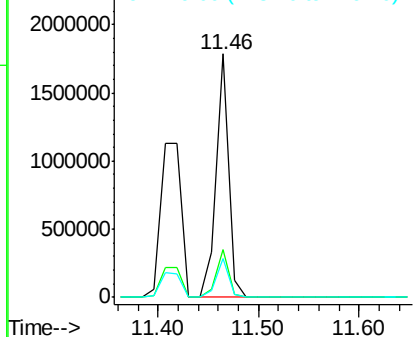
#71
 Anthracene
 Concen: 45.97 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1547550
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 16.2 12.7 19.1

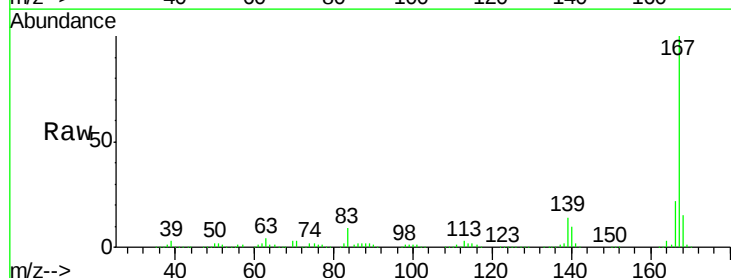


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

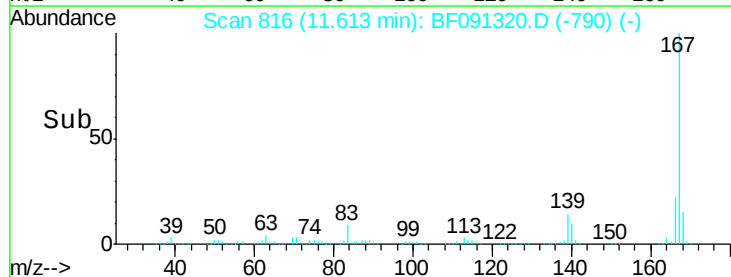
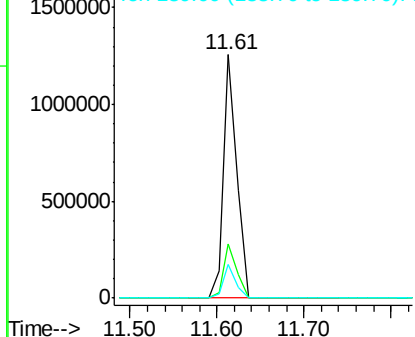


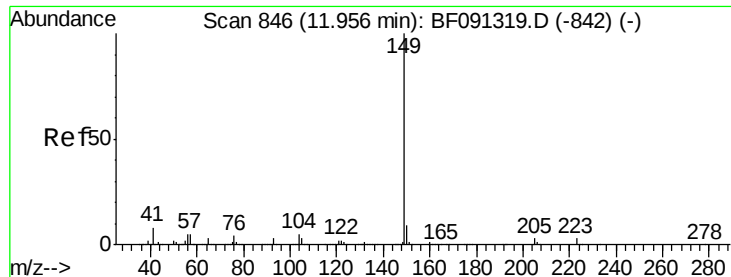
#72
 Carbazole
 Concen: 45.12 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion:167 Resp: 1351934
 Ion Ratio Lower Upper
 167 100
 166 22.2 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: 47.49 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampled :

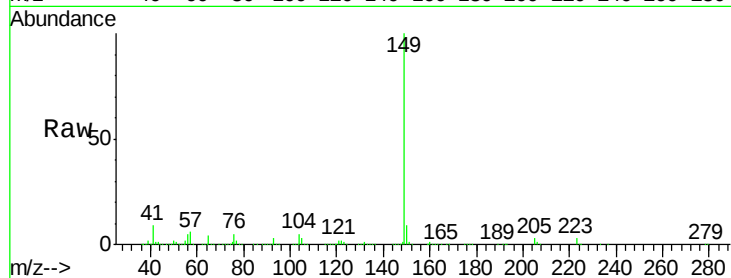
Tot Ion:149 Resp: 1647741

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

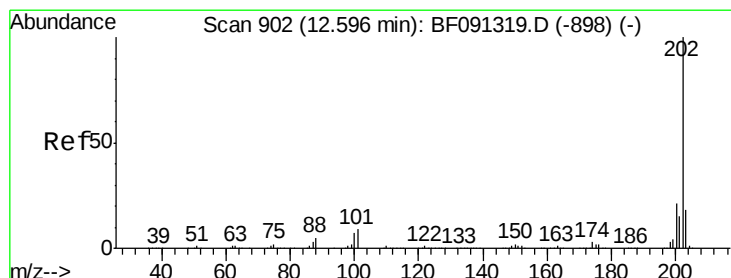
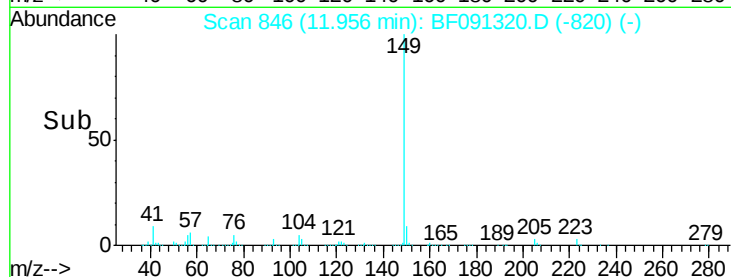
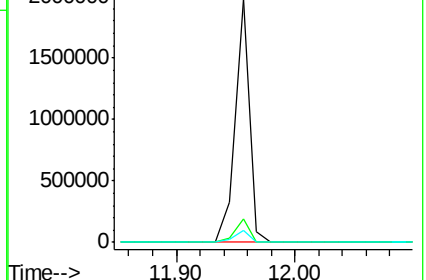
104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.58 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

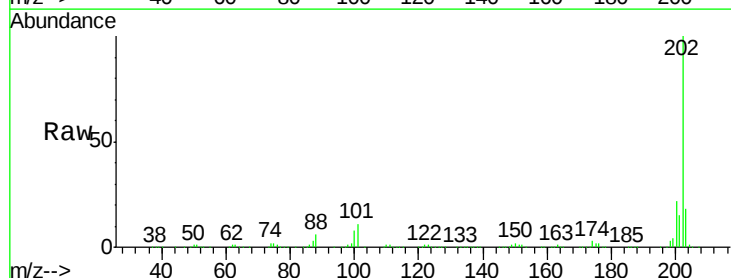
Tgt Ion:202 Resp: 1560082

Ion Ratio Lower Upper

202 100

101 10.6 0.0 29.5

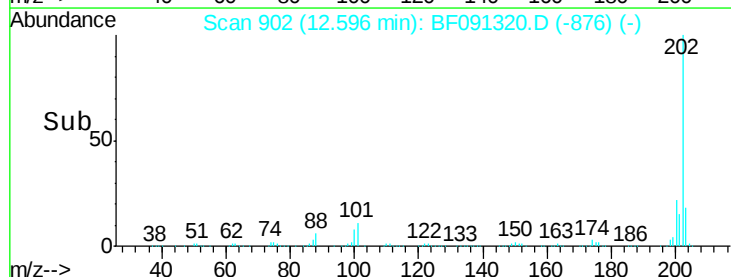
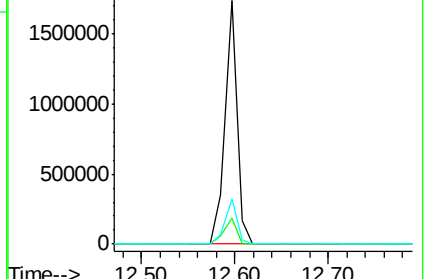
203 18.4 0.0 37.8

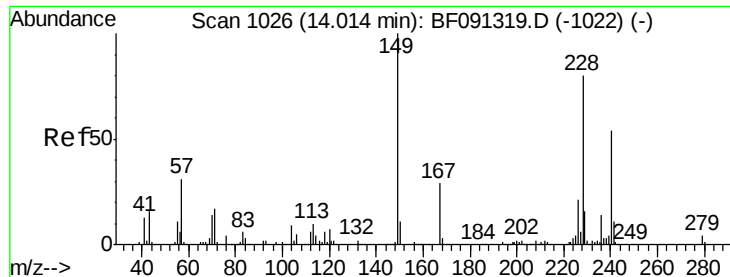


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

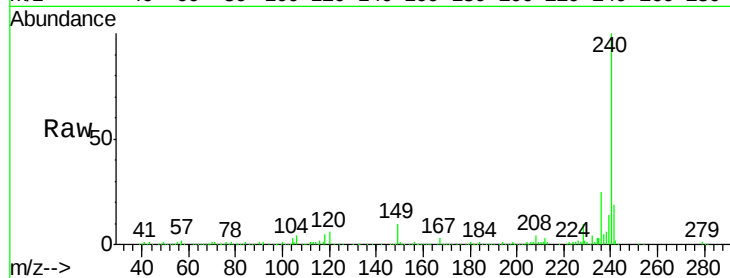
Tot Ion:240 Resp: 424295

Ion Ratio Lower Upper

240 100

120 5.6 12.1 18.1#

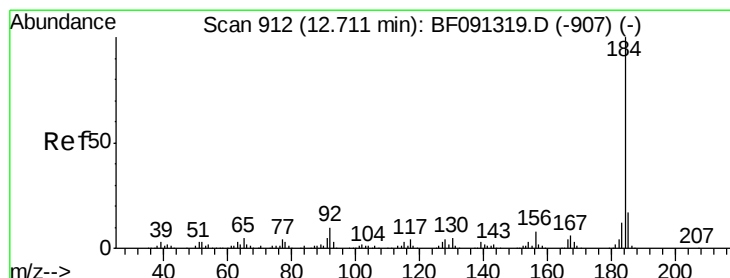
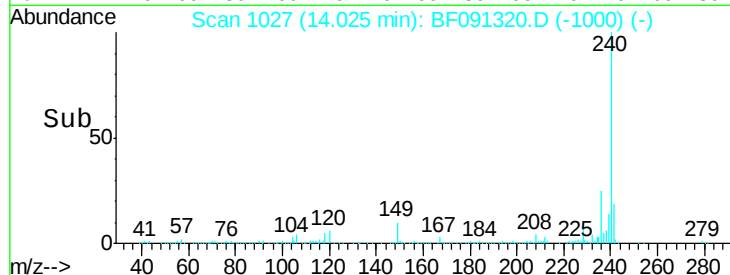
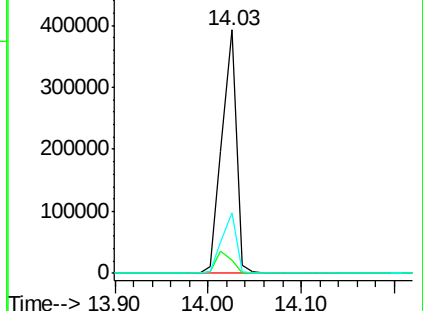
236 24.7 21.0 31.6



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: 82.46 ng

RT: 12.72 min Scan# 913

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

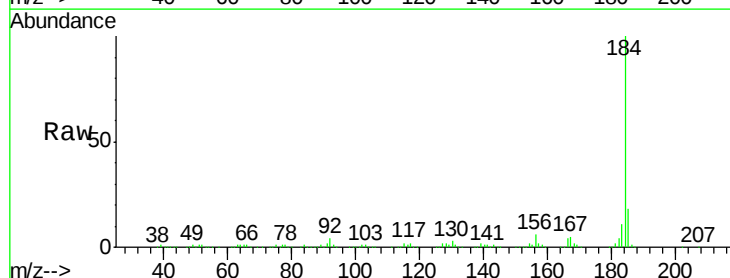
Tgt Ion:184 Resp: 678106

Ion Ratio Lower Upper

184 100

185 17.6 13.1 19.7

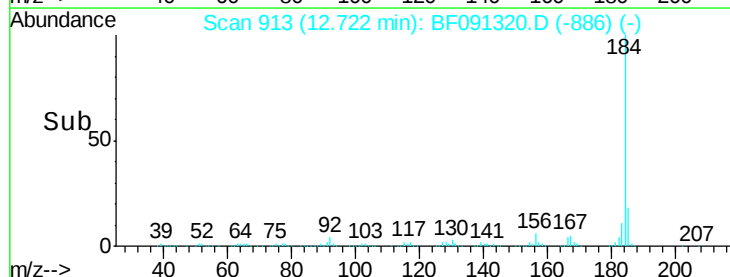
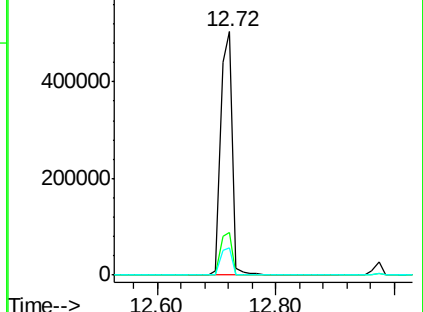
183 11.4 8.9 13.3

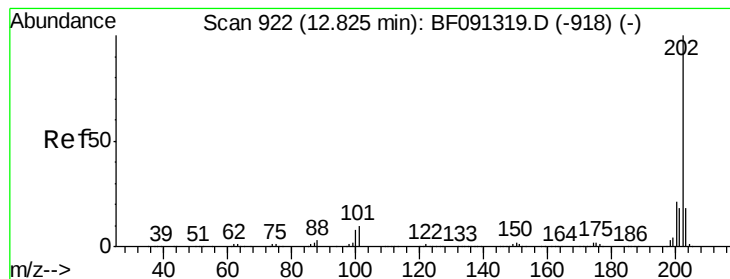


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 51.13 ng

RT: 12.82 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

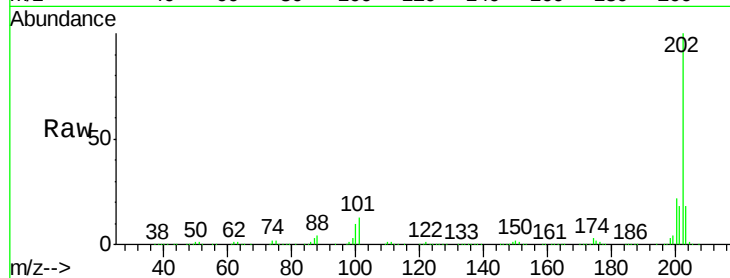
Tot Ion:202 Resp: 1602982

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

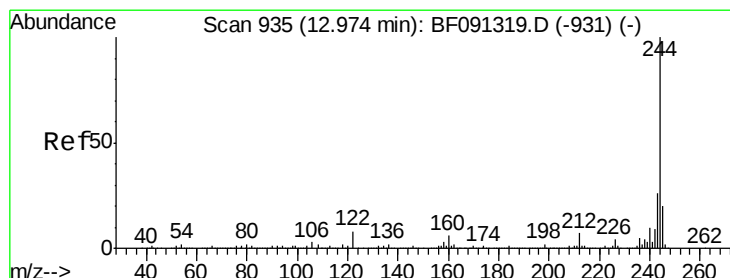
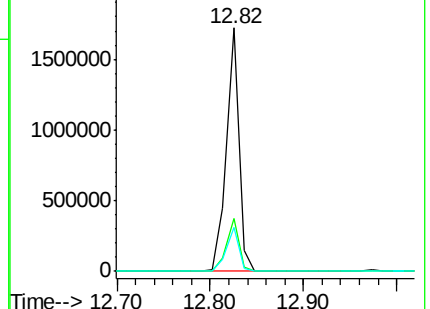
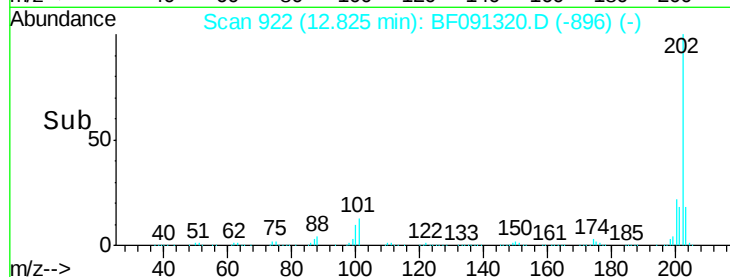
203 18.2 14.0 21.0



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: 101.55 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

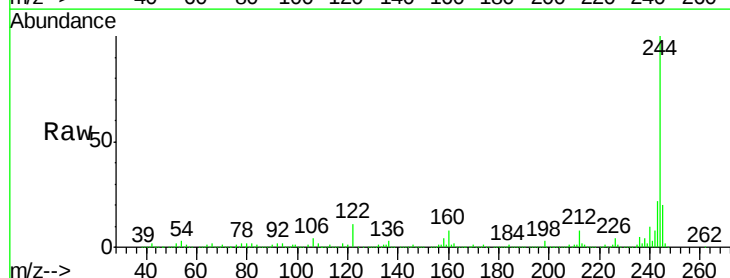
Tgt Ion:244 Resp: 1886539

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

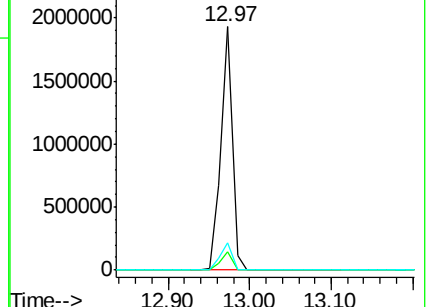
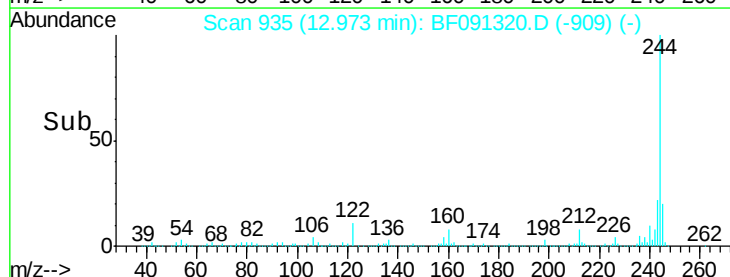
122 11.3 9.5 14.3

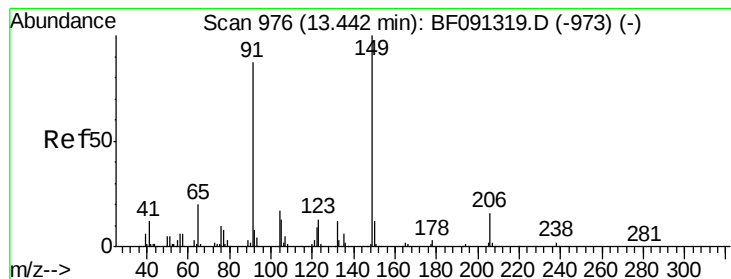


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.41 ng

RT: 13.45 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

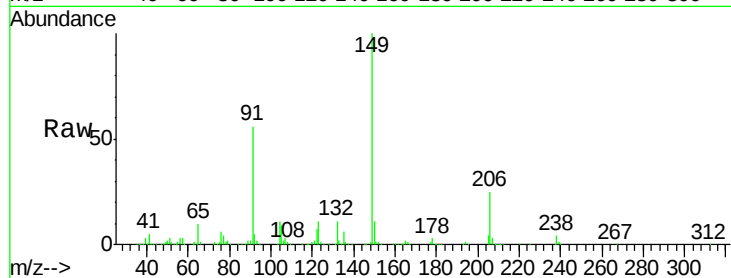
Tot Ion:149 Resp: 657506

Ion Ratio Lower Upper

149 100

91 55.9 57.4 86.2#

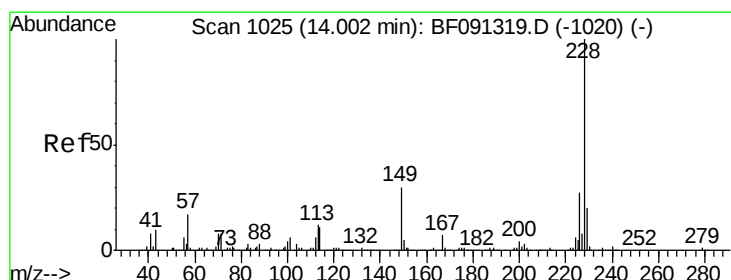
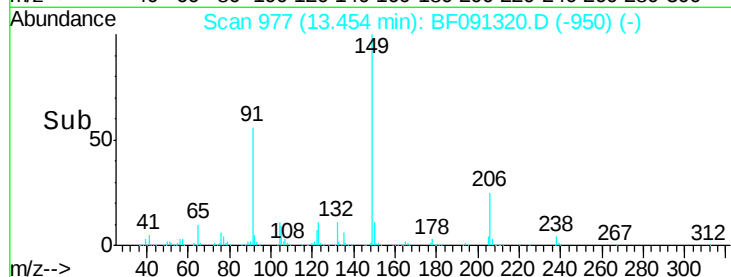
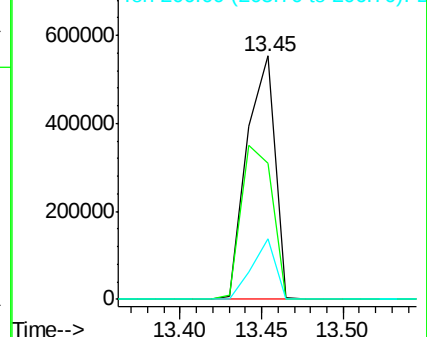
206 24.7 15.4 23.2#



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: 51.81 ng

RT: 14.01 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

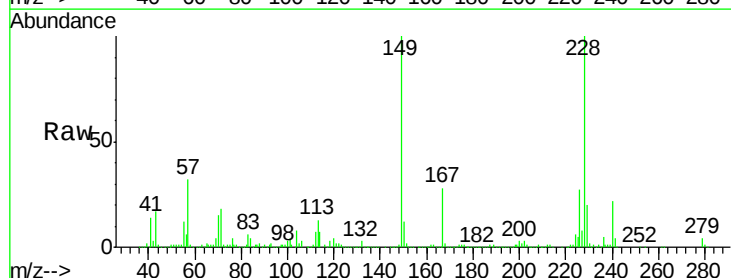
Tgt Ion:228 Resp: 1247680

Ion Ratio Lower Upper

228 100

226 27.2 22.5 33.7

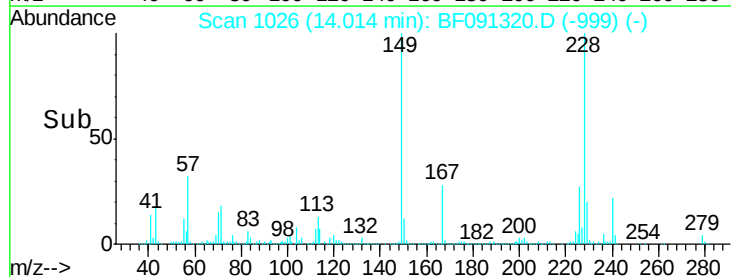
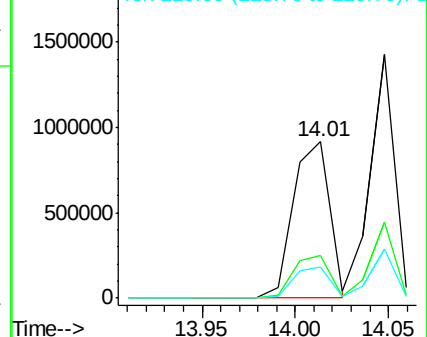
229 19.7 16.4 24.6

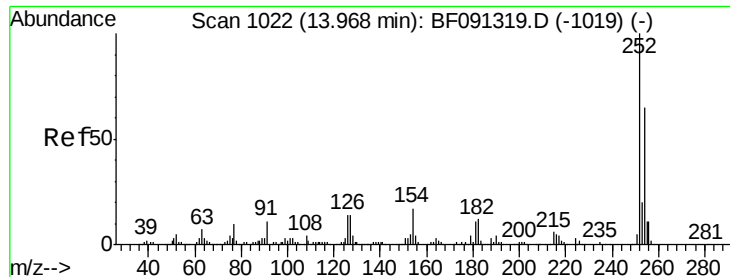


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

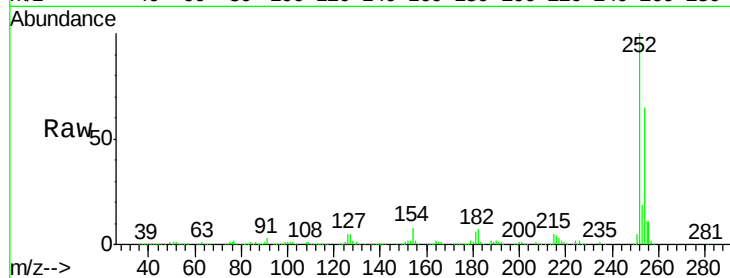




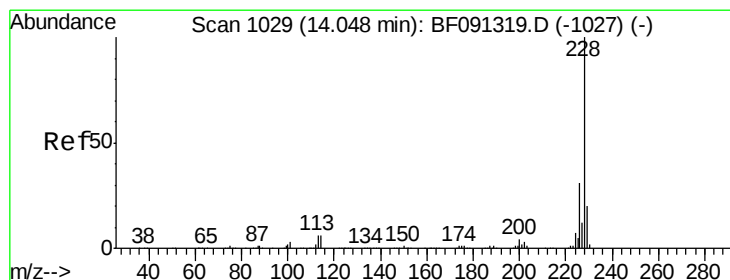
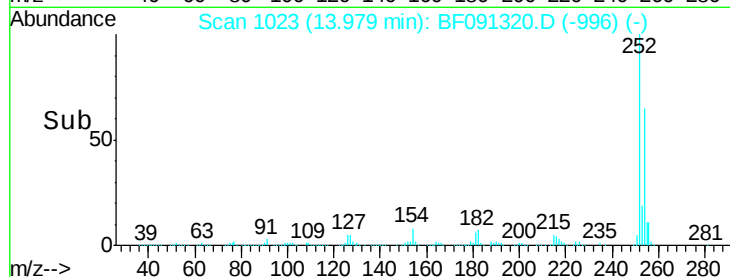
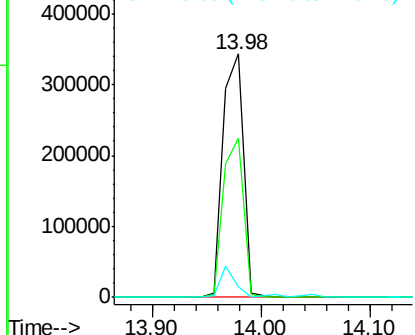
#81
 3,3'-Dichlorobenzidine
 Concen: 56.65 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 449884
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.1 78.1
 126 4.6 7.5 11.3#

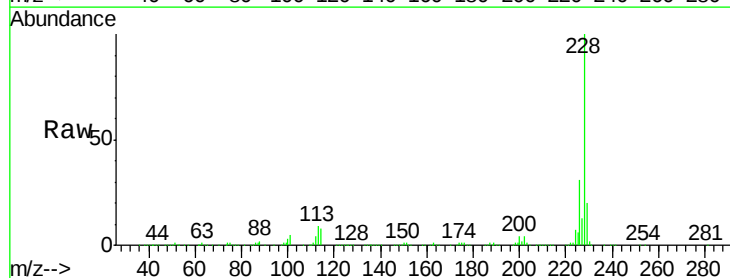


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

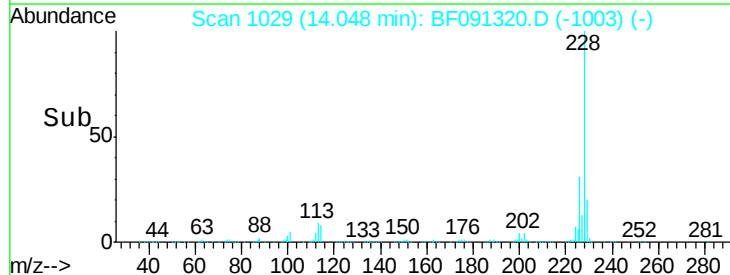
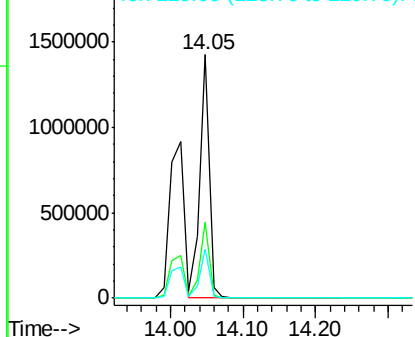


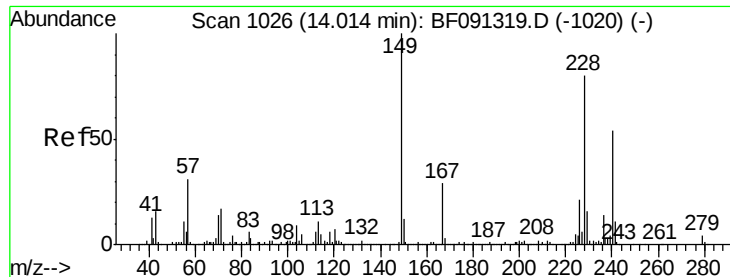
#82
 Chrysene
 Concen: 56.66 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion:228 Resp: 1289517
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.4
 229 20.3 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

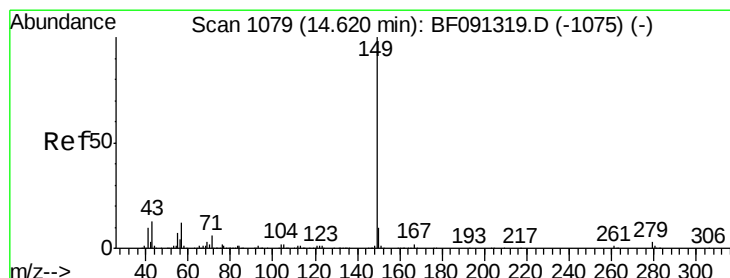
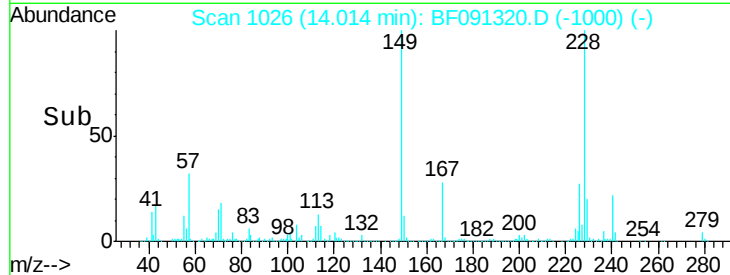
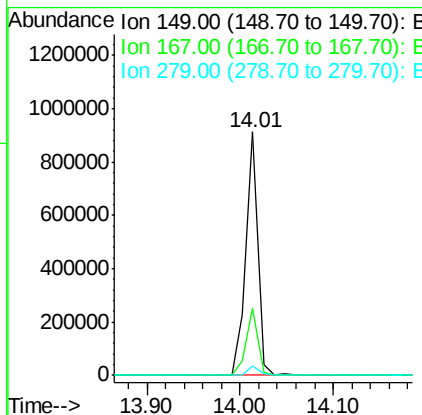
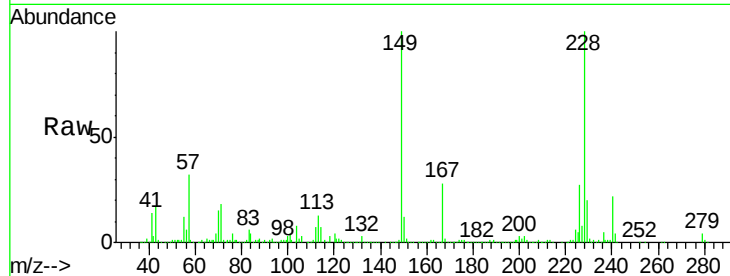




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.47 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

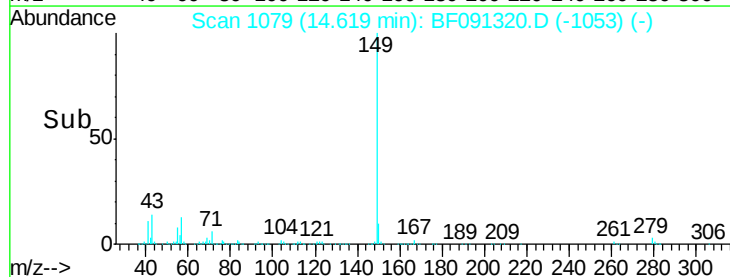
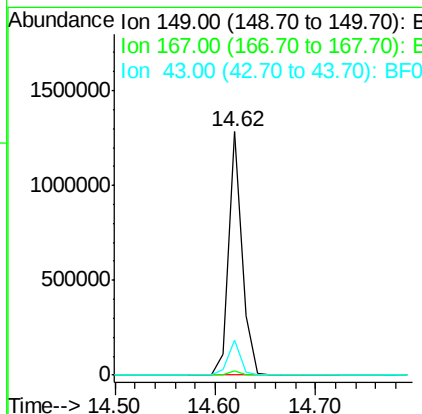
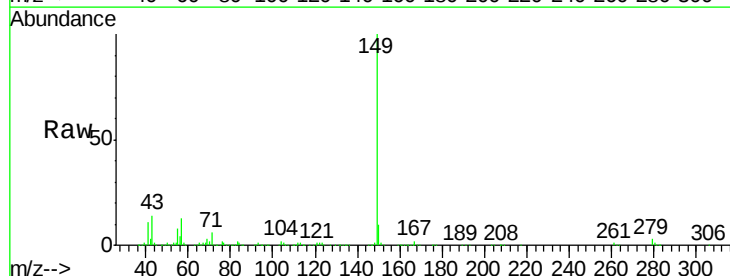
Instrument :
 BNA_F
 ClientSampleId :

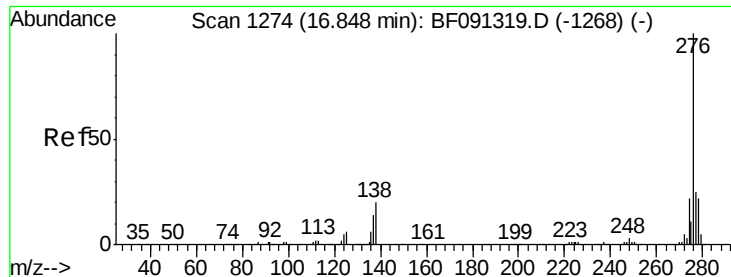
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.6	19.6	29.4
279	3.7	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 48.11 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.6	11.9	17.9

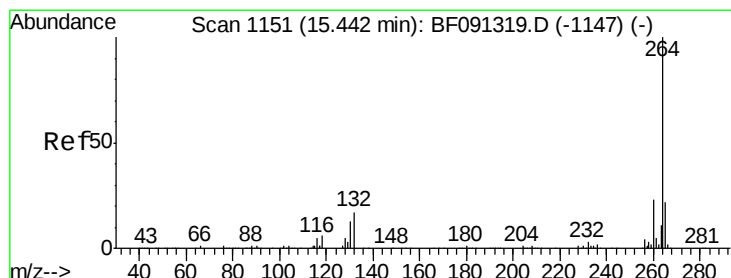
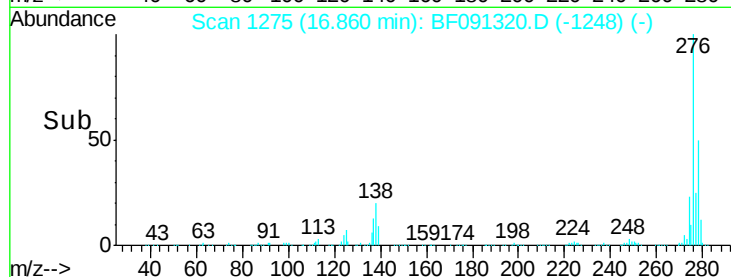
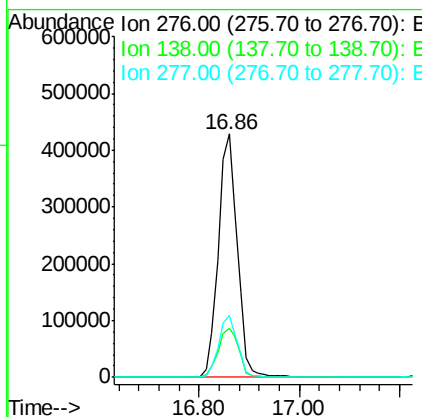
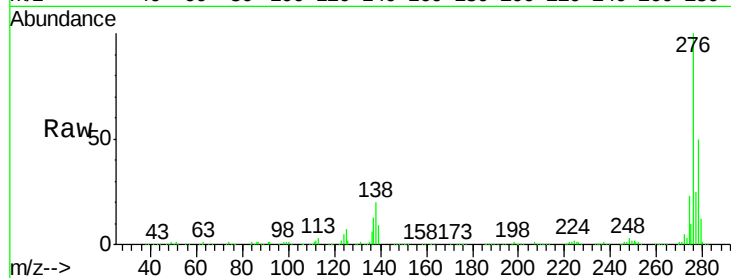




#85
Indeno(1,2,3-cd)pyrene
Concen: 57.41 ng
RT: 16.86 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

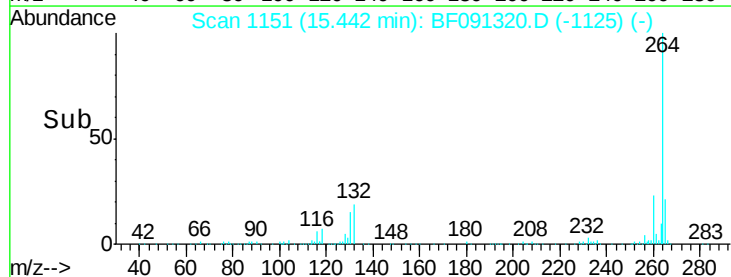
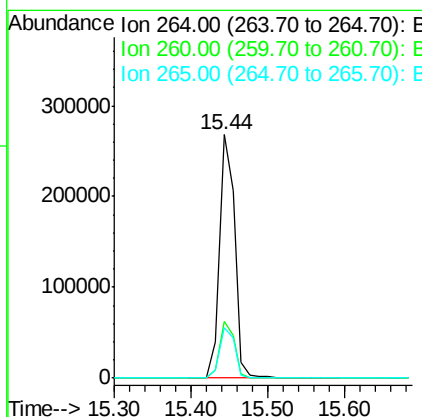
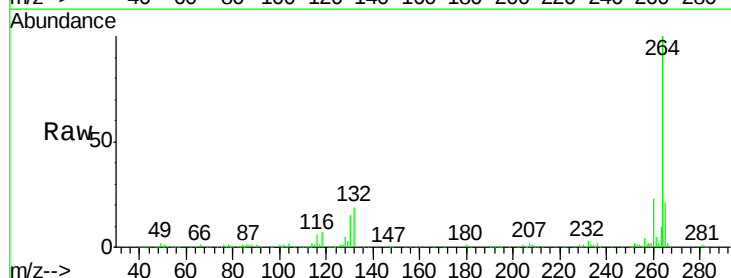
Instrument :
BNA_F
ClientSampleId :

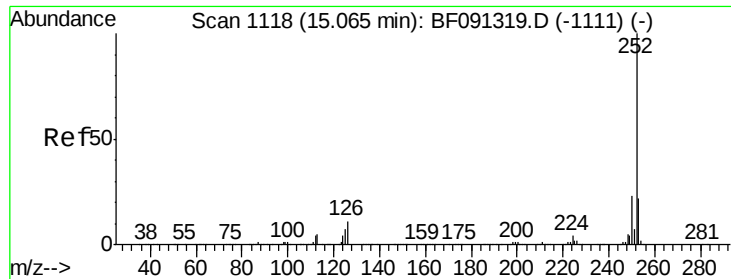
Tot Ion:276 Resp: 1125115
Ion Ratio Lower Upper
276 100
138 22.0 21.0 31.4
277 25.3 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion:264 Resp: 371362
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 20.8 17.0 25.6

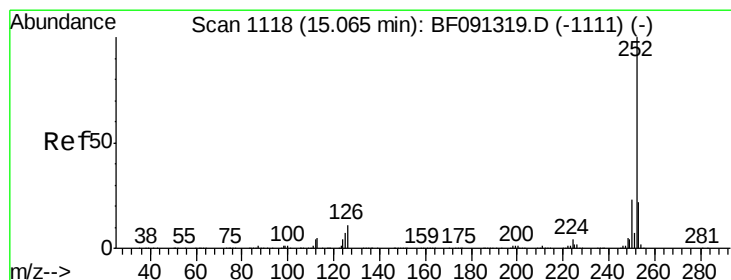
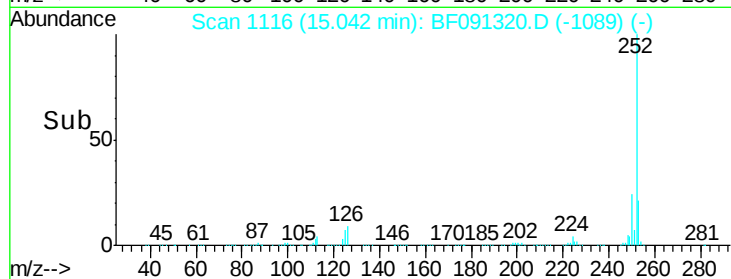
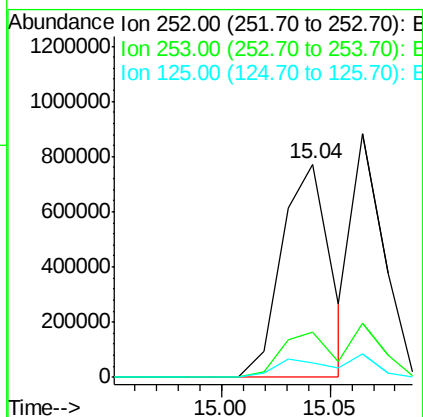
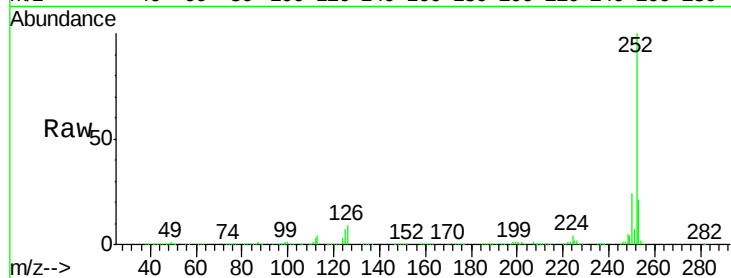




#87
Benzo(b)fluoranthene
Concen: 51.14 ng
RT: 15.04 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

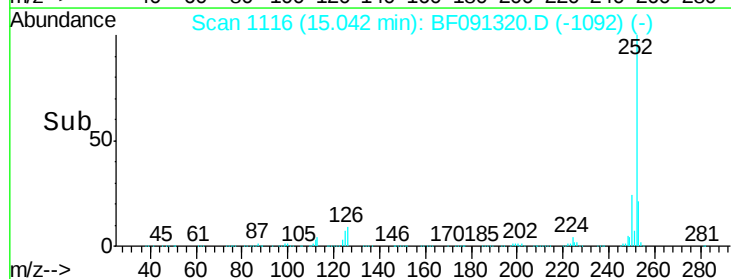
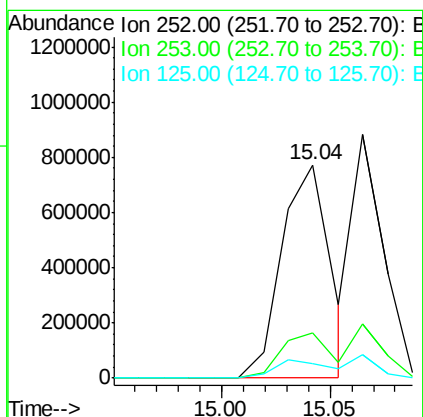
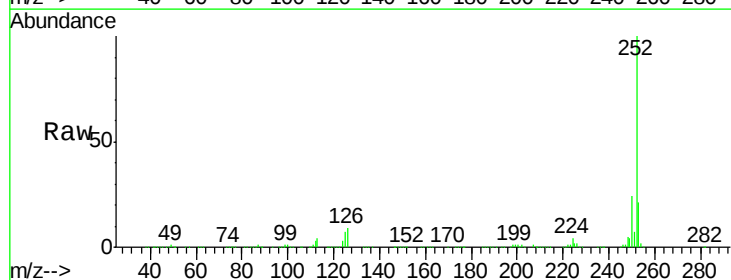
Instrument :
BNA_F
ClientSampleId :

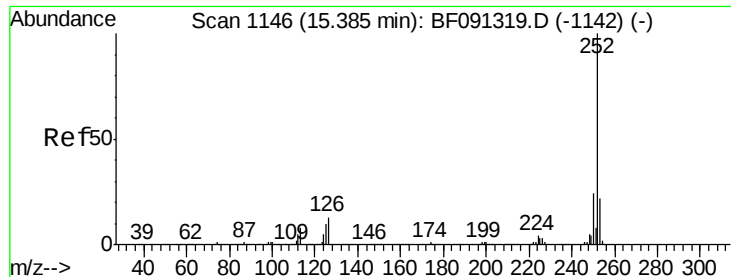
Tot Ion:252 Resp: 1198064
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 6.6 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 62.61 ng
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF091320.D
Acq: 29 Nov 2016 11:53

Tgt Ion:252 Resp: 1198064
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 6.6 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 50.82 ng

RT: 15.39 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

Instrument :

BNA_F

ClientSampleId :

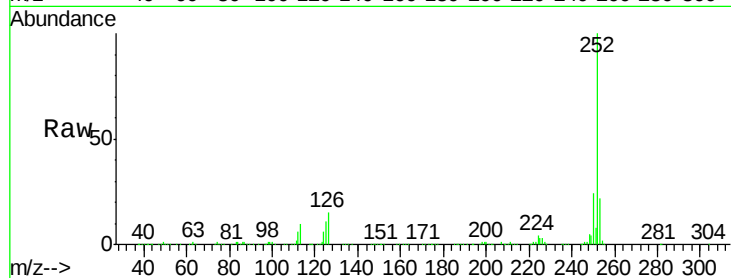
Tot Ion:252 Resp: 1012904

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

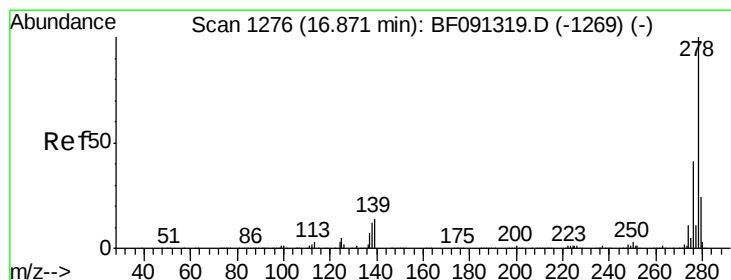
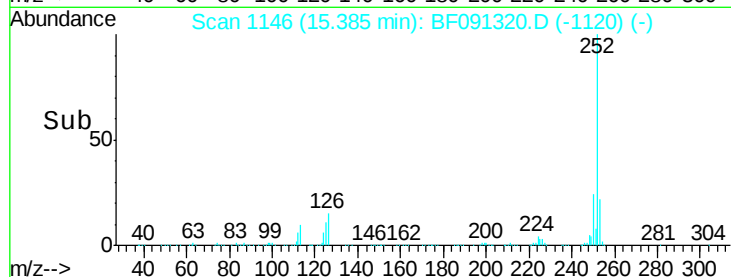
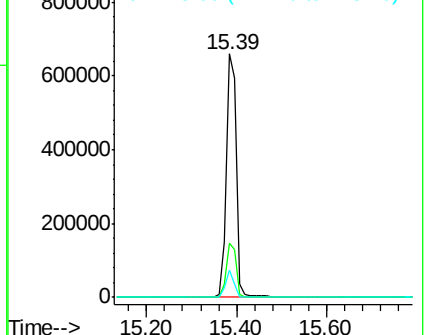
125 11.2 10.4 15.6



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: 51.50 ng

RT: 16.87 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF091320.D

Acq: 29 Nov 2016 11:53

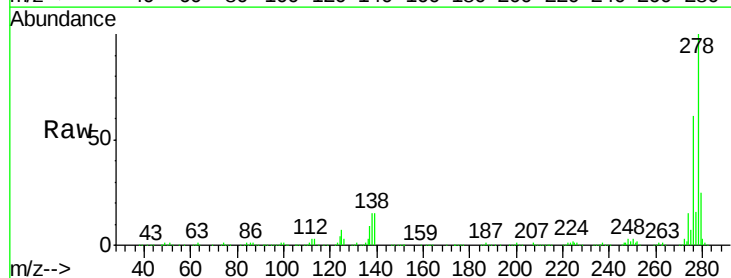
Tgt Ion:278 Resp: 947612

Ion Ratio Lower Upper

278 100

139 15.5 15.1 22.7

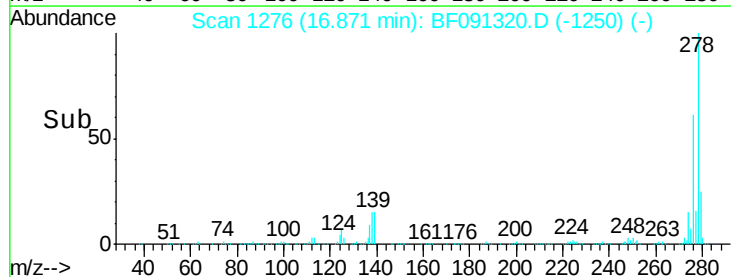
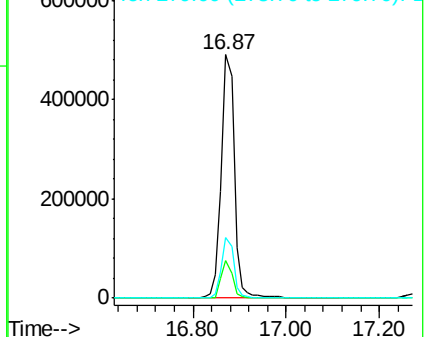
279 24.6 19.0 28.6

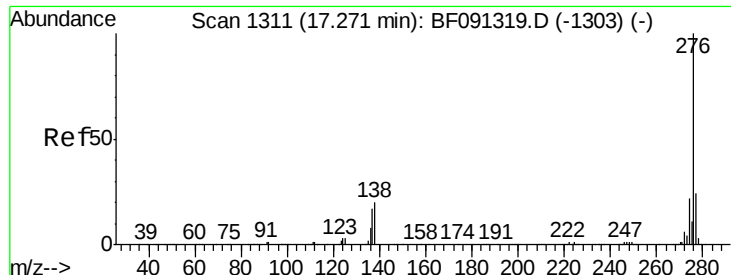


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

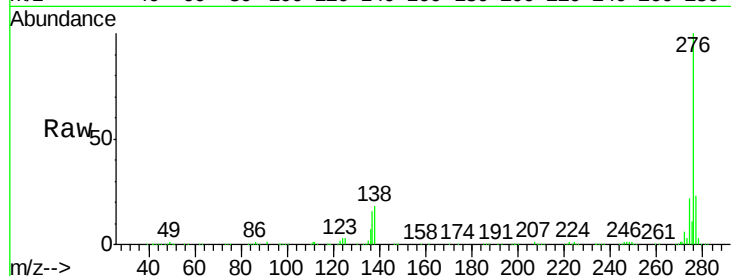




#91
 Benzo(a,h,i)perylene
 Concen: 54.39 ng
 RT: 17.28 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF091320.D
 Acq: 29 Nov 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 992724
 Ion Ratio Lower Upper
 276 100
 277 23.0 19.0 28.4
 138 18.3 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

