

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120616\
 Data File : BF091458.D
 Acq On : 6 Dec 2016 15:02
 Operator : UM/SJ
 Sample : PB95080BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BSD

Quant Time: Dec 07 00:35:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 00:12:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	143795	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	631949	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	346336	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	659958	20.00	ng	0.00
75) Chrysene-d12	13.99	240	354799	20.00	ng	0.00
86) Perylene-d12	15.41	264	365108	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	956170	108.63	ng	0.01
7) Phenol-d6	6.48	99	1263881	116.64	ng	0.01
23) Nitrobenzene-d5	7.41	82	906090	80.35	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	343861	104.87	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	1666758	87.14	ng	0.00
78) Terphenyl-d14	12.95	244	1764579	108.10	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	125873	31.61	ng	# 82
3) Pyridine	3.24	79	347726	30.86	ng	# 82
4) n-Nitrosodimethylamine	3.19	42	236884	40.06	ng	98
6) Aniline	6.50	93	355678	24.71	ng	# 77
8) 2-Chlorophenol	6.63	128	407712	42.25	ng	90
9) Benzaldehyde	6.38	77	127751	18.33	ng	97
10) Phenol	6.49	94	470069	36.87	ng	90
11) bis(2-Chloroethyl)ether	6.58	93	399577	43.86	ng	95
12) 1,3-Dichlorobenzene	6.78	146	401665m	37.42	ng	
13) 1,4-Dichlorobenzene	6.86	146	447317	41.89	ng	98
14) 1,2-Dichlorobenzene	7.02	146	415133m	41.74	ng	
15) Benzyl Alcohol	6.98	79	370893	42.77	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	833755	42.56	ng	71
17) 2-Methylphenol	7.10	107	338090	44.32	ng	# 75
18) Hexachloroethane	7.35	117	158220	41.73	ng	# 83
19) n-Nitroso-di-n-propylamine	7.26	70	311876	45.69	ng	# 96
20) 3+4-Methylphenols	7.26	107	446175	47.91	ng	# 66
22) Acetophenone	7.26	105	606238	40.47	ng	# 83
24) Nitrobenzene	7.43	77	483495	41.88	ng	# 82
25) Isophorone	7.67	82	782204	39.15	ng	98
26) 2-Nitrophenol	7.74	139	187892	35.71	ng	99
27) 2,4-Dimethylphenol	7.78	122	353590	35.92	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	453152	37.68	ng	100
29) 2,4-Dichlorophenol	7.99	162	354377	40.93	ng	90
30) 1,2,4-Trichlorobenzene	8.07	180	400886	41.30	ng	96
31) Naphthalene	8.15	128	1262948	42.05	ng	100
32) Benzoic acid	7.90	122	172494	23.78	ng	93
33) 4-Chloroaniline	8.20	127	183631	14.30	ng	99
34) Hexachlorobutadiene	8.28	225	237878	39.85	ng	98
35) Caprolactam	8.57	113	107068	43.02	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	385818	41.27	ng	92
37) 2-Methylnaphthalene	8.84	142	740821	36.31	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	396371	40.60	ng	98
40) Hexachlorocyclopentadiene	9.00	237	313482	69.27	ng	100

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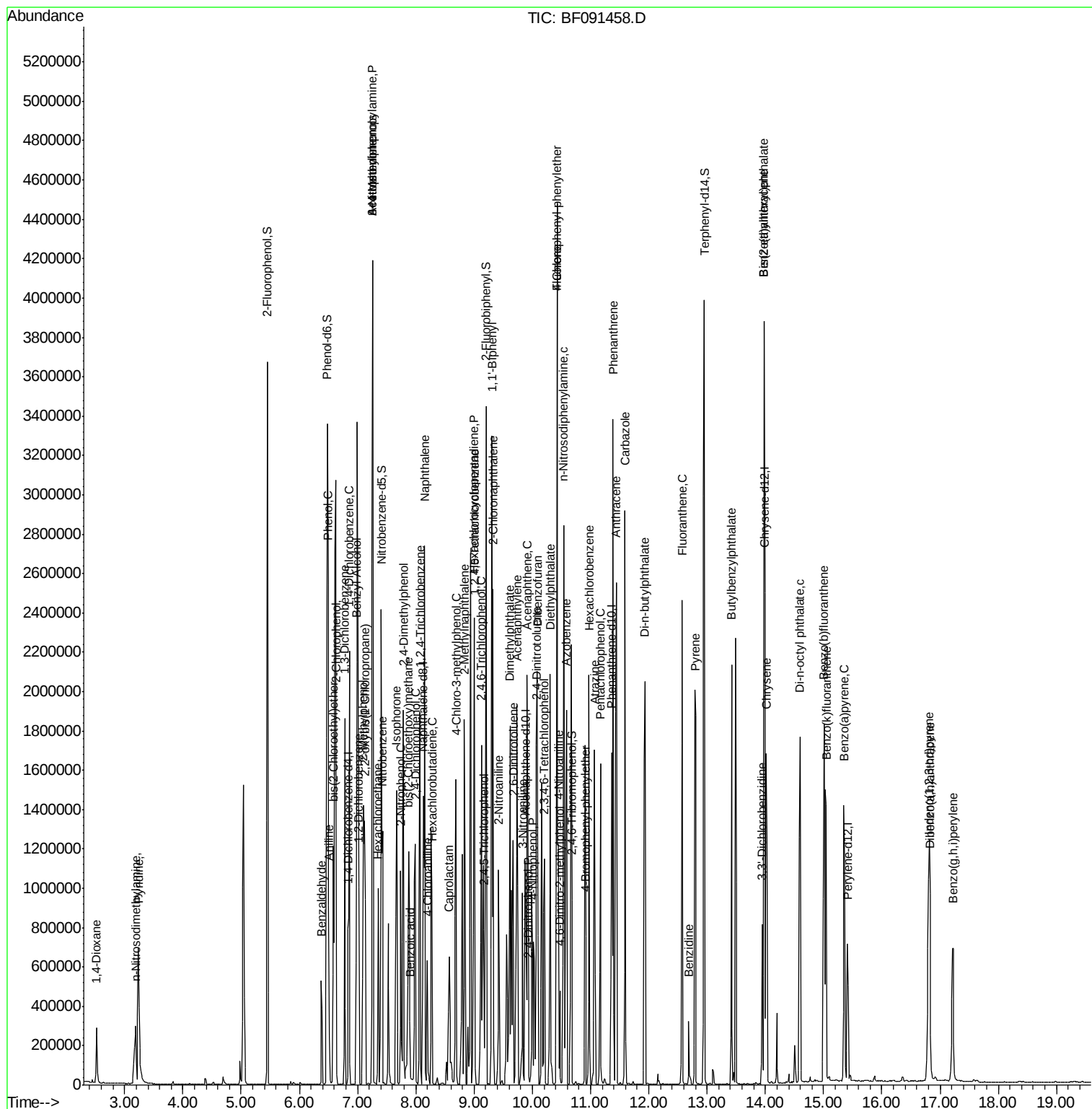
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	265602m	41.86	ng	
43) 2,4,5-Trichlorophenol	9.17	196	244247m	38.41	ng	
45) 1,1'-Biphenyl	9.30	154	995323	39.97	ng	97
46) 2-Chloronaphthalene	9.33	162	729139	39.31	ng	99
47) 2-Nitroaniline	9.42	65	259953	39.02	ng	# 73
48) Acenaphthylene	9.74	152	1100513	37.69	ng	99
49) Dimethylphthalate	9.61	163	879813	41.95	ng	98
50) 2,6-Dinitrotoluene	9.67	165	218818	46.68	ng	# 70
51) Acenaphthene	9.91	154	708475	35.98	ng	97
52) 3-Nitroaniline	9.83	138	119617	22.05	ng	86
53) 2,4-Dinitrophenol	9.93	184	48753	23.79	ng	93
54) Dibenzofuran	10.08	168	991997	37.62	ng	98
55) 4-Nitrophenol	10.00	139	213329	54.44	ng	# 66
56) 2,4-Dinitrotoluene	10.07	165	289877	47.68	ng	# 84
57) Fluorene	10.42	166	781100	38.59	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	207149	38.15	ng	95
59) Diethylphthalate	10.31	149	927933	44.83	ng	95
60) 4-Chlorophenyl-phenylether	10.42	204	434696	42.82	ng	97
61) 4-Nitroaniline	10.45	138	189314	37.16	ng	86
62) Azobenzene	10.58	77	967455	45.80	ng	98
64) 4,6-Dinitro-2-methylphenol	10.47	198	53790	14.79	ng	# 75
65) n-Nitrosodiphenylamine	10.54	169	722076	36.09	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	263471	37.14	ng	# 70
67) Hexachlorobenzene	10.97	284	274417	35.80	ng	# 84
68) Atrazine	11.06	200	234331	36.16	ng	98
69) Pentachlorophenol	11.17	266	199479	44.21	ng	94
70) Phenanthrene	11.38	178	1237002	36.07	ng	100
71) Anthracene	11.44	178	1425443	41.88	ng	99
72) Carbazole	11.59	167	1115697	36.13	ng	99
73) Di-n-butylphthalate	11.93	149	1439592	41.13	ng	99
74) Fluoranthene	12.57	202	1379313	42.46	ng	96
76) Benzidine	12.69	184	123240	11.83	ng	96
77) Pyrene	12.80	202	1294961	48.09	ng	99
79) Butylbenzylphthalate	13.42	149	449738	44.61	ng	94
80) Benzo(a)anthracene	13.98	228	821939	39.61	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	163482	22.37	ng	100
82) Chrysene	14.01	228	846437	41.23	ng	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	611797	47.87	ng	98
84) Di-n-octyl phthalate	14.60	149	1051007	54.35	ng	95
85) Indeno(1,2,3-cd)pyrene	16.80	276	829474	44.12	ng	# 93
87) Benzo(b)fluoranthene	15.01	252	946931	41.73	ng	# 97
88) Benzo(k)fluoranthene	15.04	252	898950m	47.11	ng	
89) Benzo(a)pyrene	15.35	252	884755	43.41	ng	97
90) Dibenzo(a,h)anthracene	16.83	278	700663	37.17	ng	# 91
91) Benzo(g,h,i)perylene	17.23	276	672283	34.59	ng	# 93

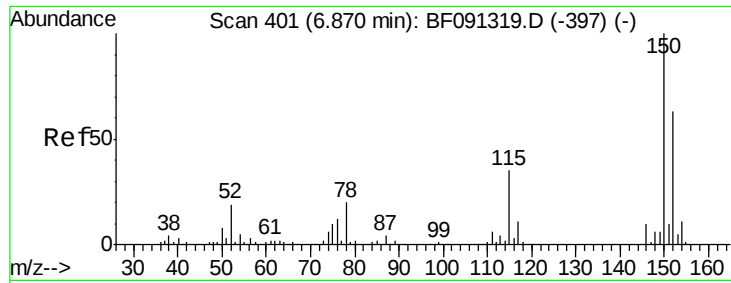
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 8 Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

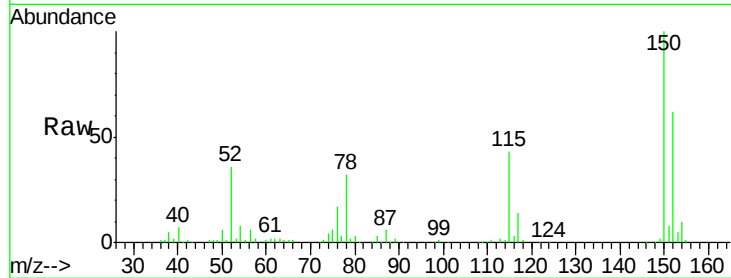
Tgt Ion:152 Resp: 143795

Ion Ratio Lower Upper

152 100

150 160.2 122.5 183.7

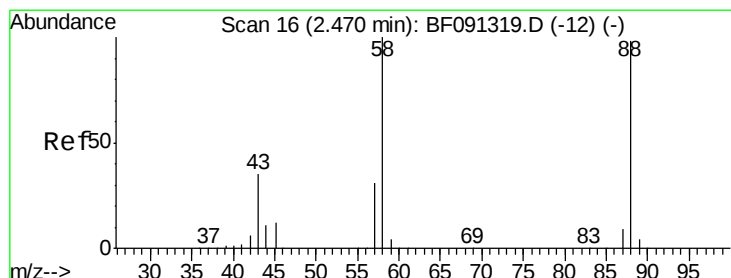
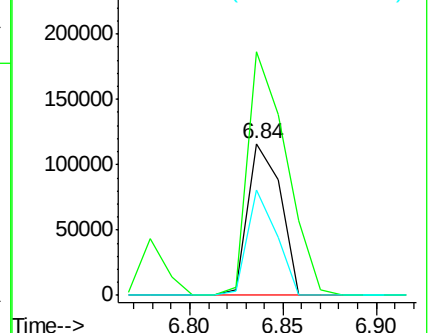
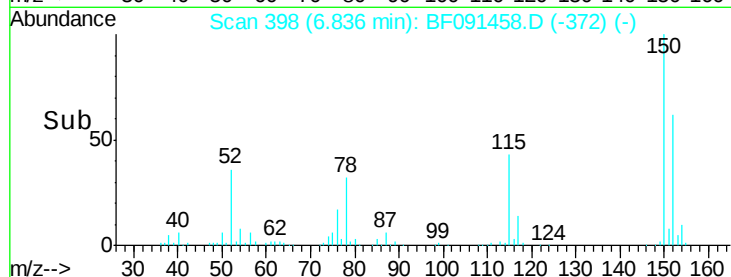
115 69.5 51.8 77.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.61 ng

RT: 2.52 min Scan# 20

Delta R.T. 0.09 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

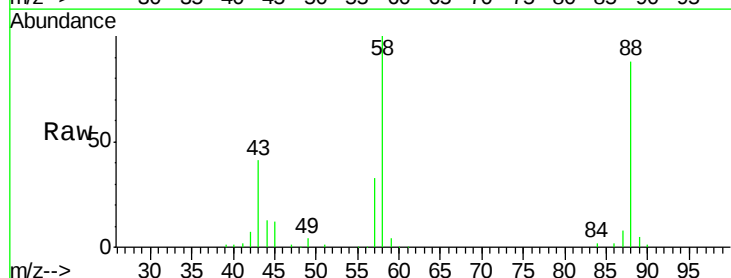
Tgt Ion: 88 Resp: 125873

Ion Ratio Lower Upper

88 100

58 107.5 70.3 105.5#

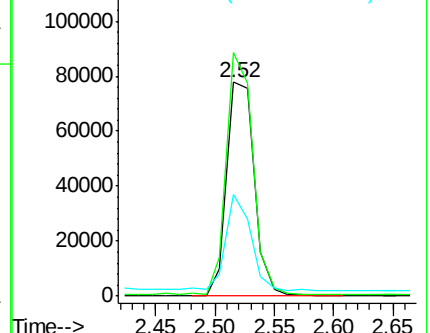
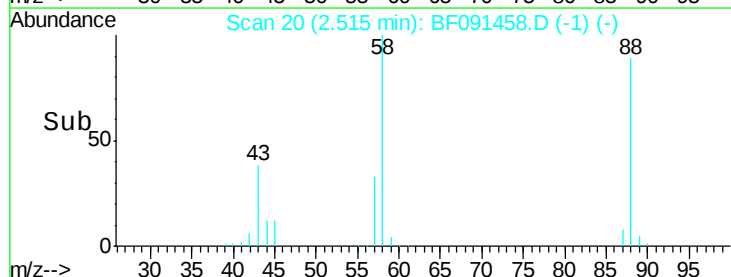
43 45.4 31.3 46.9

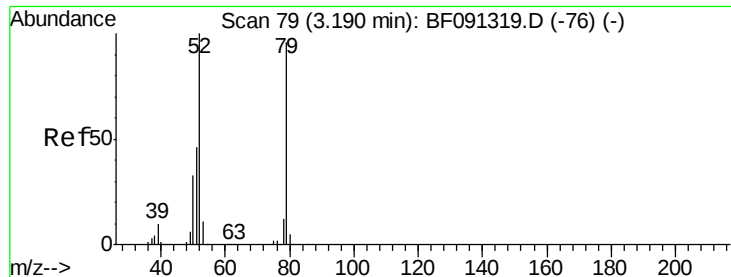


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 30.86 ng

RT: 3.24 min Scan# 83

Delta R.T. 0.09 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

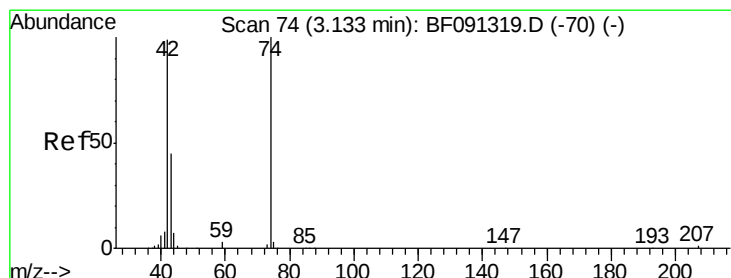
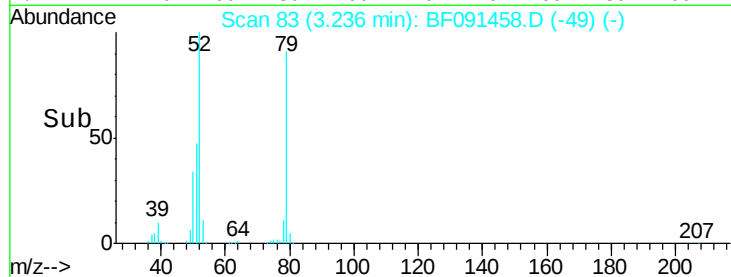
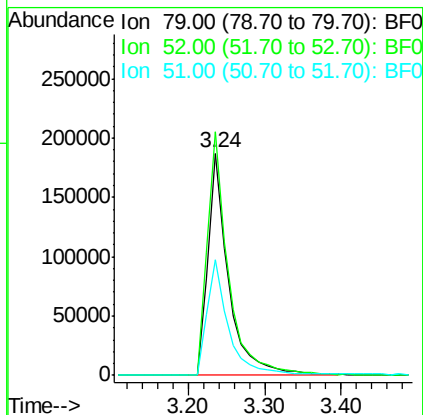
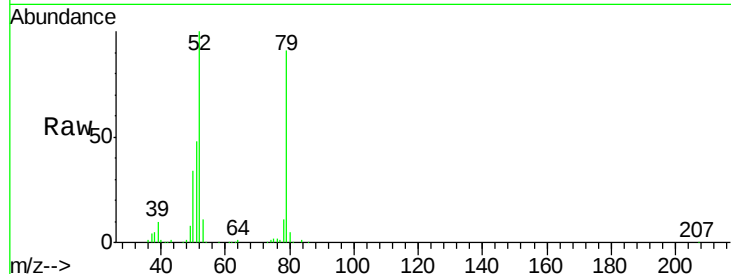
Tgt Ion: 79 Resp: 347726

Ion Ratio Lower Upper

79 100

52 109.7 71.0 106.4#

51 52.1 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 40.06 ng

RT: 3.19 min Scan# 79

Delta R.T. 0.10 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

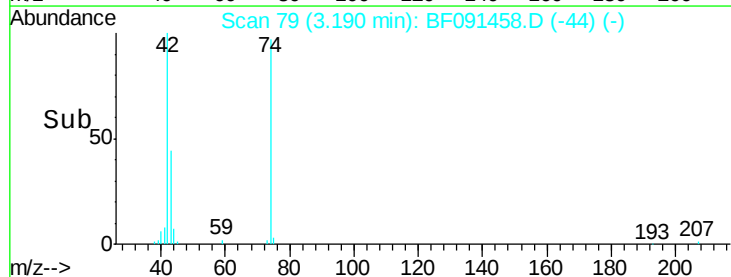
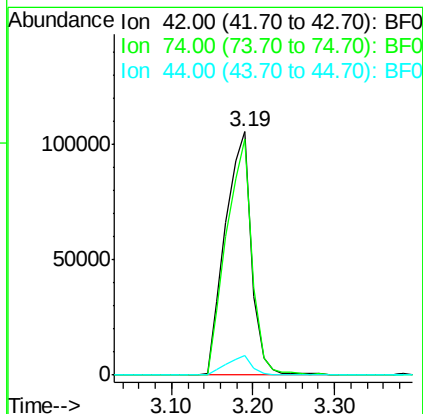
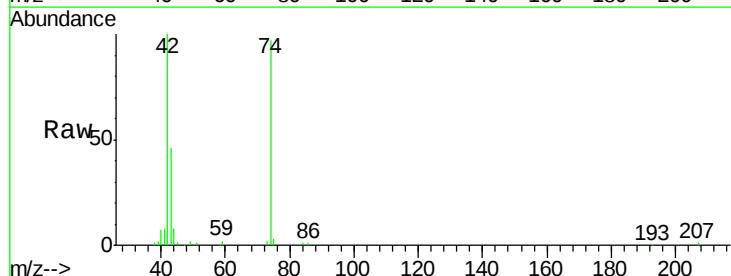
Tgt Ion: 42 Resp: 236884

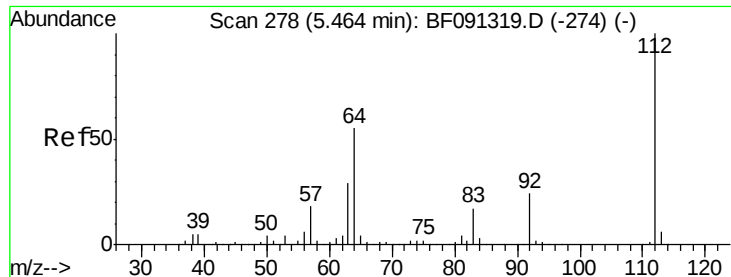
Ion Ratio Lower Upper

42 100

74 96.7 78.9 118.3

44 7.8 5.8 8.6





#5

2-Fluorophenol

Concen: 108.63 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.01 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

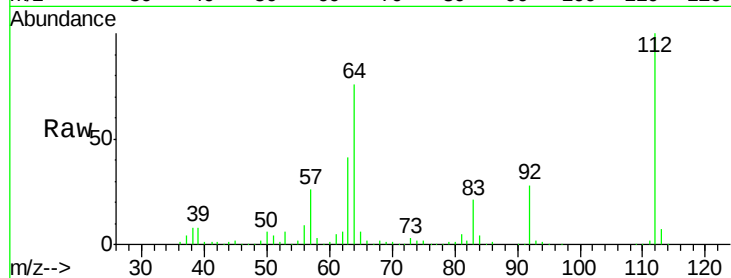
Instrument :

BNA_F

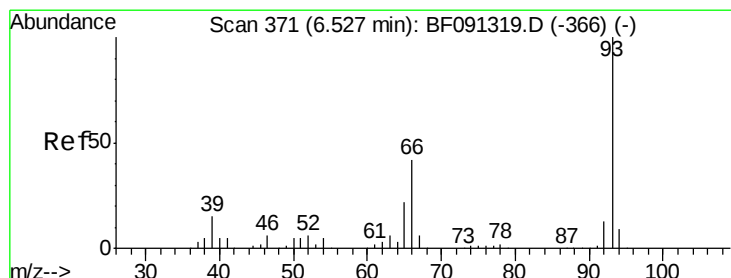
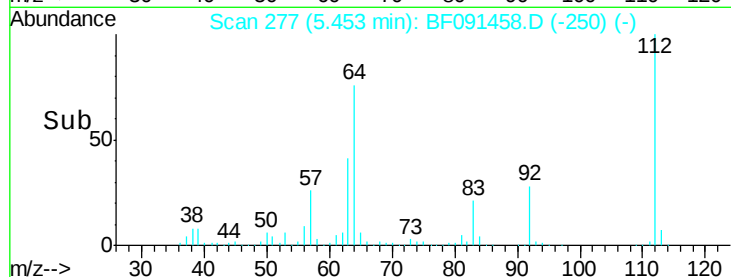
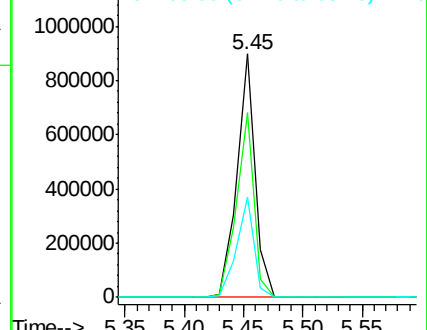
ClientSampleId :

PB95080BSD

Tgt Ion:	112	Resp:	956170
Ion	Ratio	Lower	Upper
112	100		
64	75.8	61.5	92.3
63	41.0	33.3	49.9



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 24.71 ng

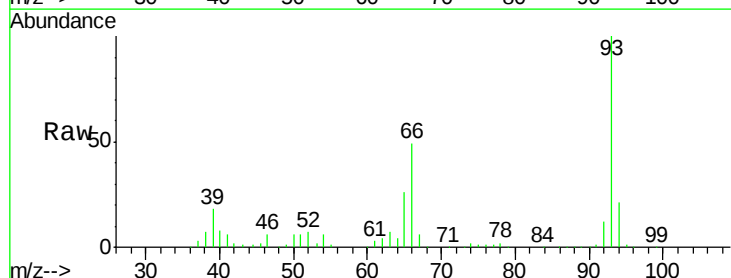
RT: 6.50 min Scan# 369

Delta R.T. -0.00 min

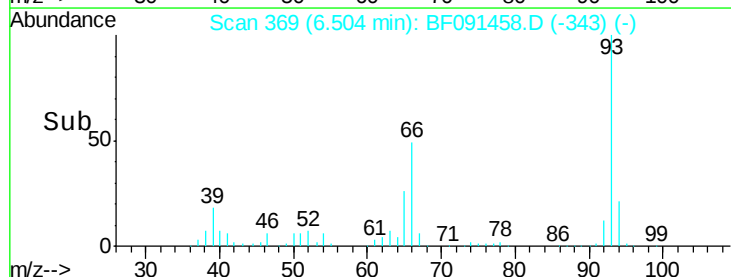
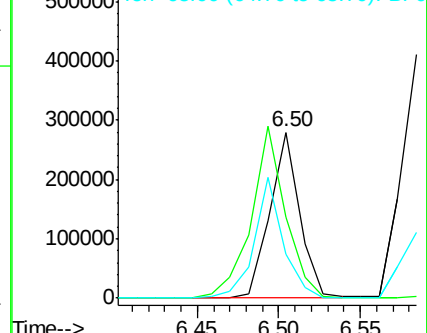
Lab File: BF091458.D

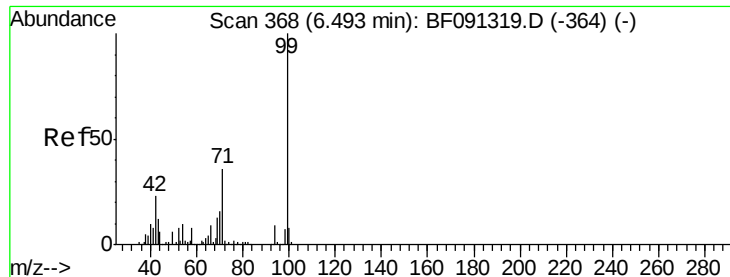
Acq: 6 Dec 2016 15:02

Tgt Ion:	93	Resp:	355678
Ion	Ratio	Lower	Upper
93	100		
66	48.8	55.8	83.6#
65	26.2	29.9	44.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 116.64 ng

RT: 6.48 min Scan# 367

Delta R.T. 0.01 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

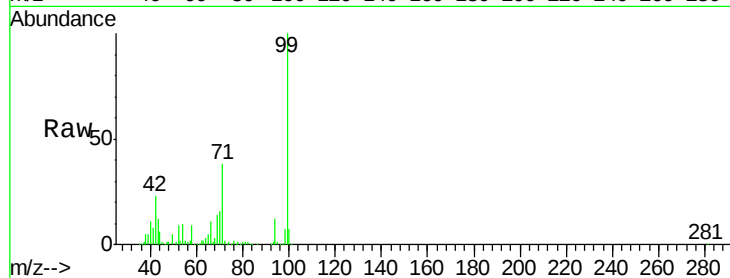
Tgt Ion: 99 Resp: 1263881

Ion Ratio Lower Upper

99 100

42 23.4 20.6 31.0

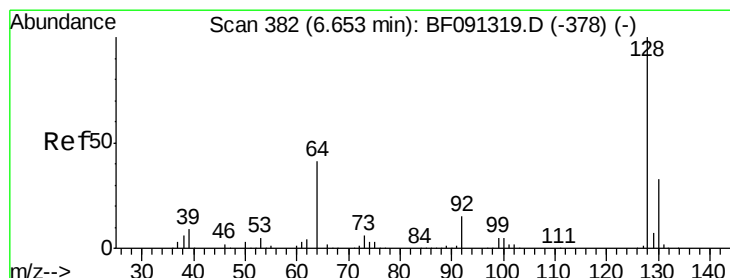
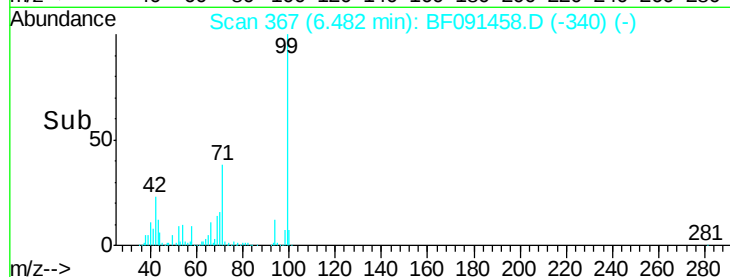
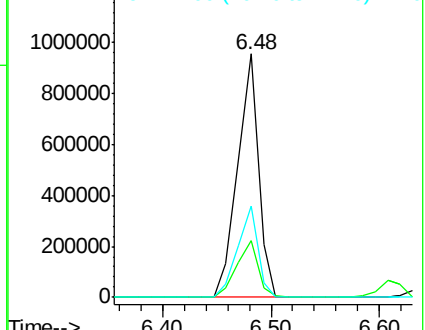
71 37.7 29.9 44.9



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: 42.25 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

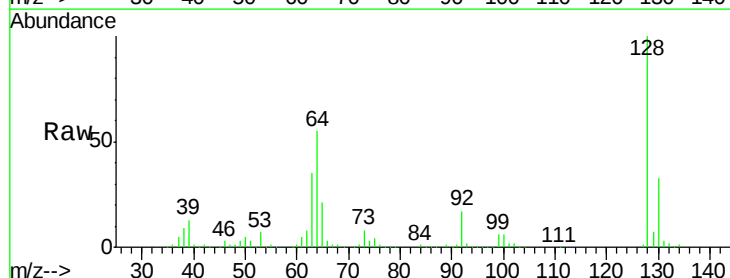
Tgt Ion: 128 Resp: 407712

Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

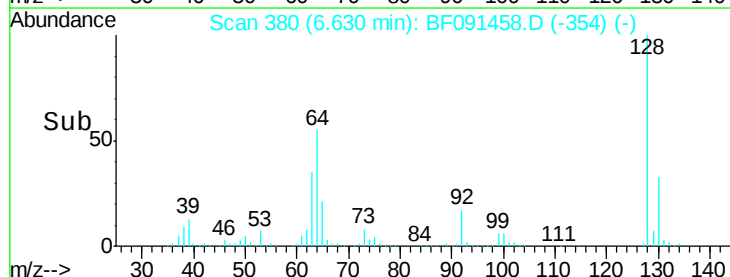
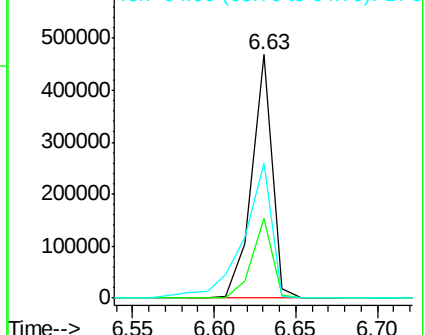
64 55.2 24.1 64.1

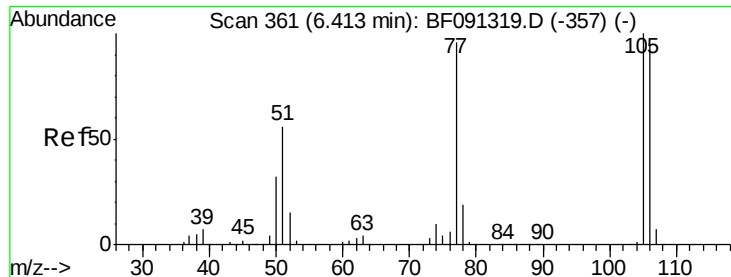


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

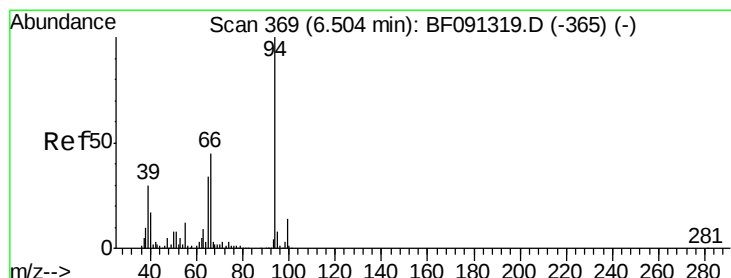
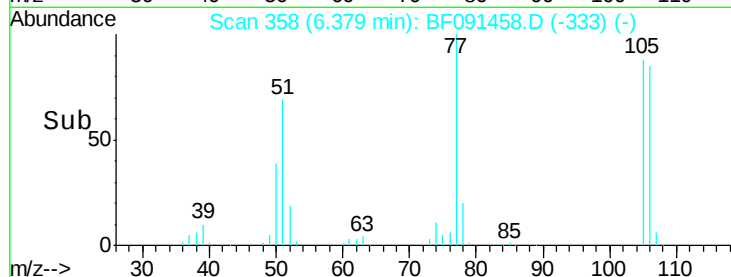
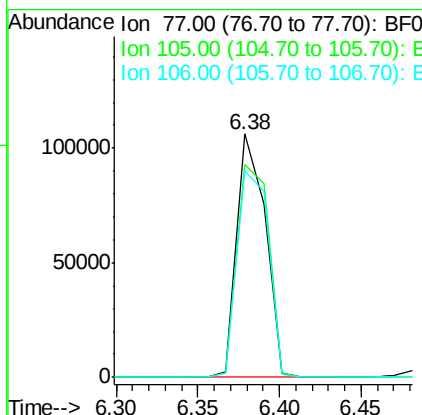
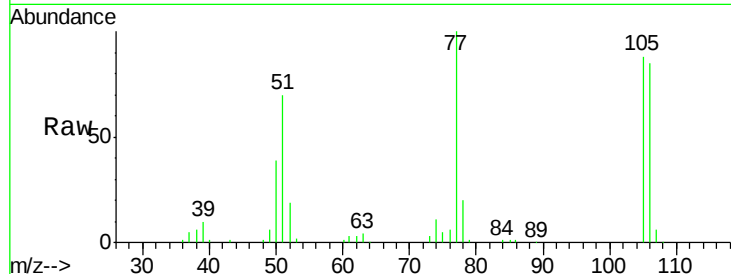




#9
Benzaldehyde
Concen: 18.33 ng
RT: 6.38 min Scan# 358
Delta R.T. -0.01 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

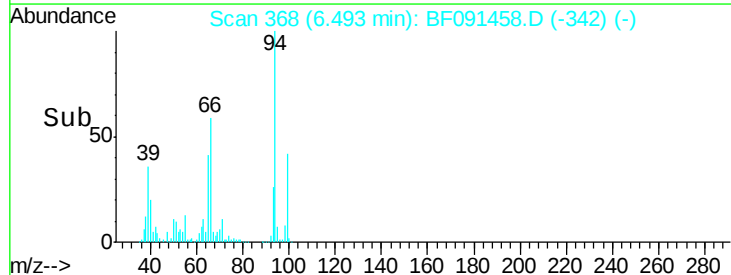
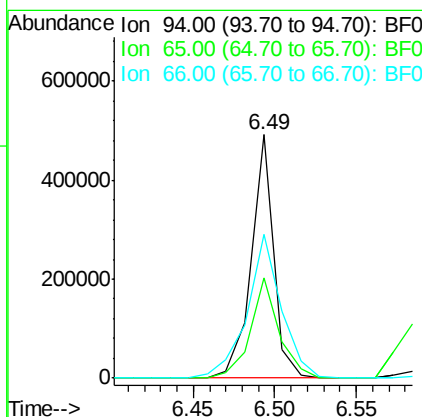
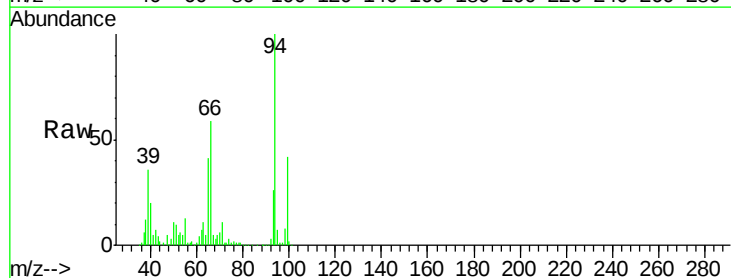
Instrument :
BNA_F
ClientSampleId :
PB95080BSD

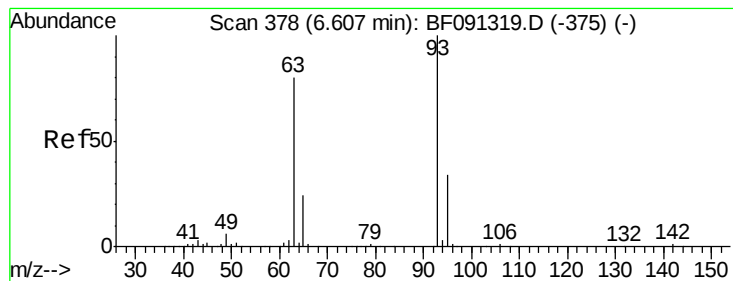
Tgt Ion: 77 Resp: 127751
Ion Ratio Lower Upper
77 100
105 87.6 66.4 106.4
106 85.0 60.9 100.9



#10
Phenol
Concen: 36.87 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

Tgt Ion: 94 Resp: 470069
Ion Ratio Lower Upper
94 100
65 41.3 16.9 56.9
66 59.0 30.6 70.6





#11

bis(2-Chloroethyl)ether

Concen: 43.86 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

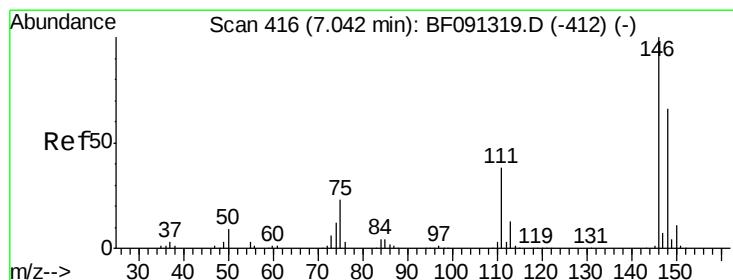
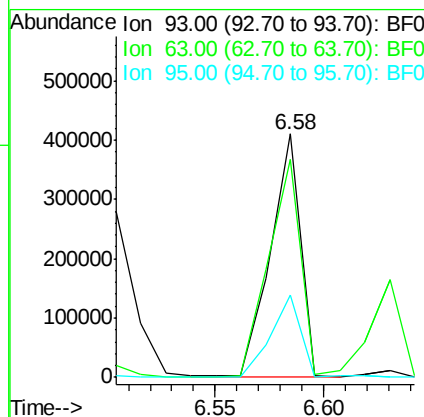
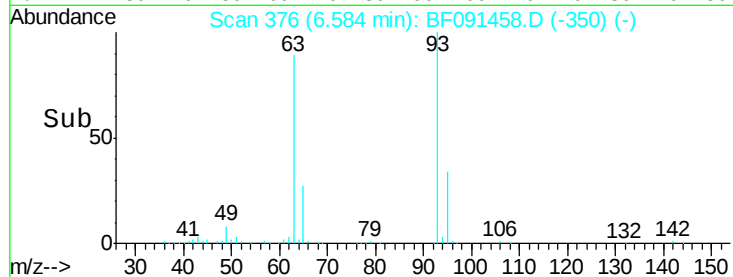
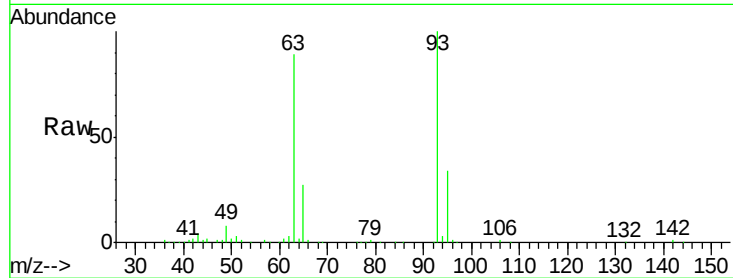
Tgt Ion: 93 Resp: 399577

Ion Ratio Lower Upper

93 100

63 89.3 74.8 114.8

95 33.8 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 37.42 ng m

RT: 6.78 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

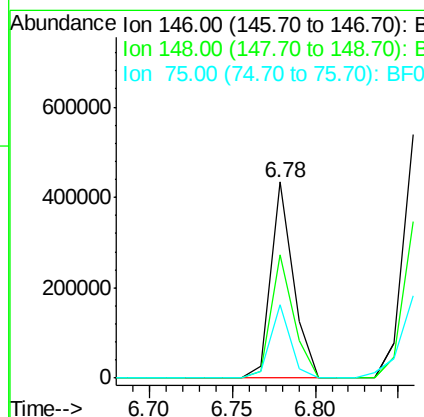
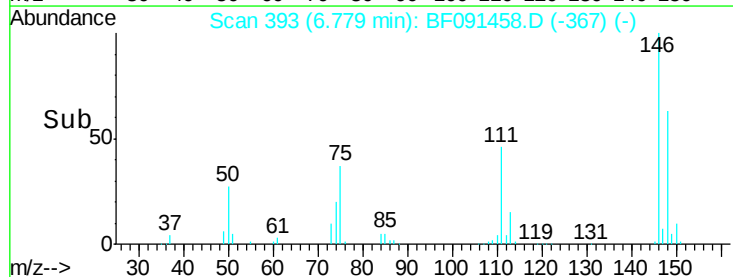
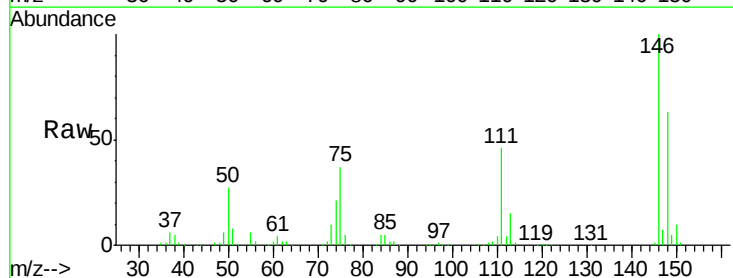
Tgt Ion: 146 Resp: 401665

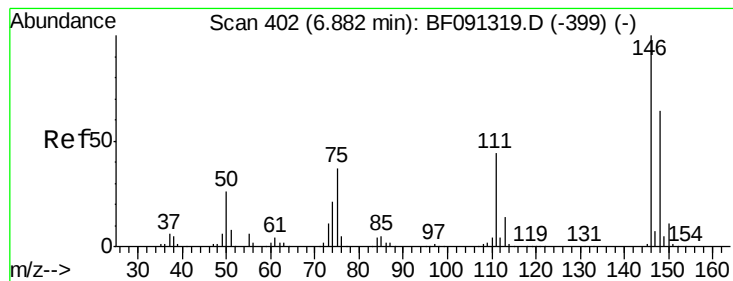
Ion Ratio Lower Upper

146 100

148 63.2 51.4 77.0

75 37.3 23.6 35.4#





#13

1,4-Dichlorobenzene

Concen: 41.89 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

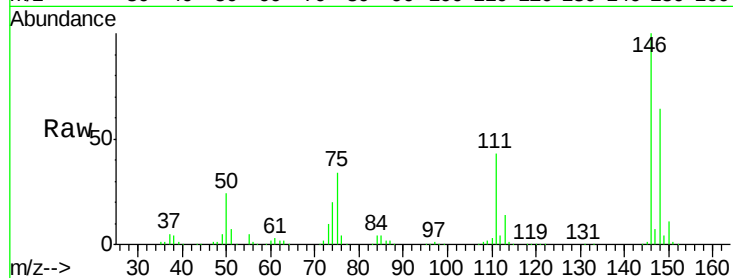
Tgt Ion:146 Resp: 447317

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.0

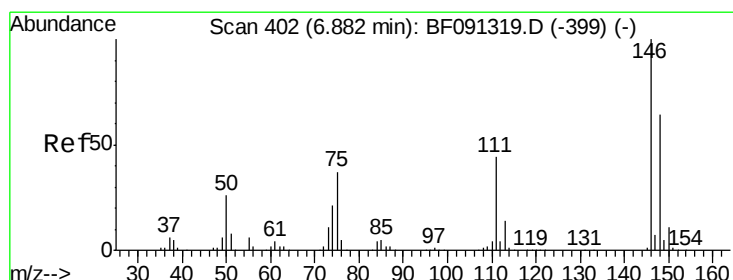
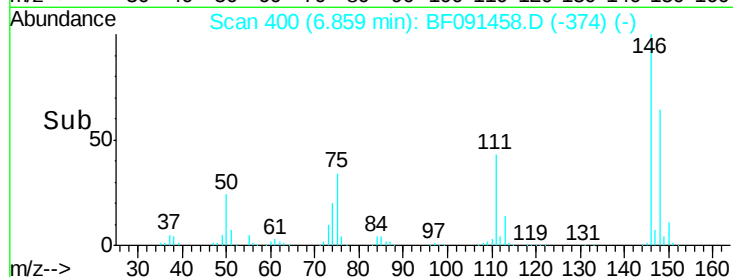
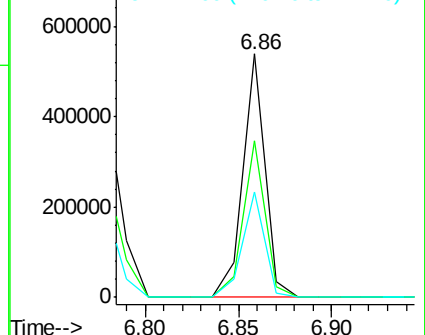
111 43.1 32.2 48.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.74 ng m

RT: 7.02 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

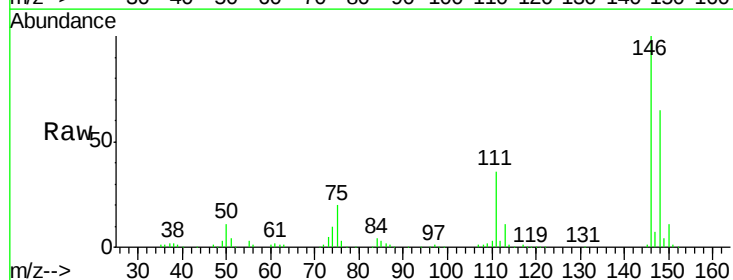
Tgt Ion:146 Resp: 415133

Ion Ratio Lower Upper

146 100

148 64.9 51.0 76.6

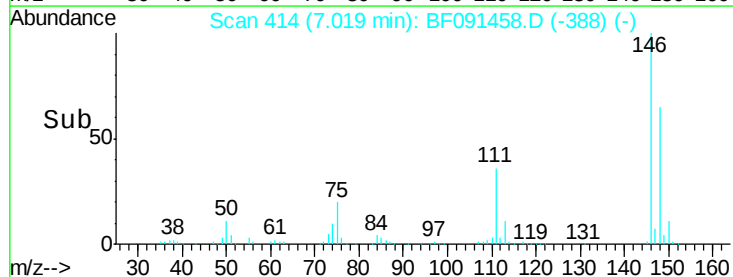
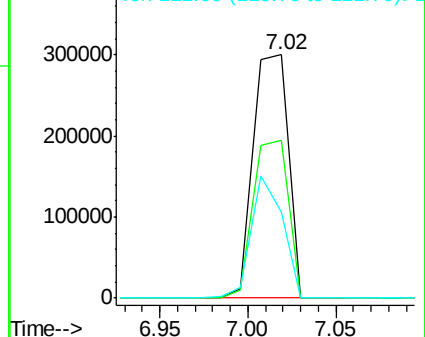
111 35.6 38.9 58.3#

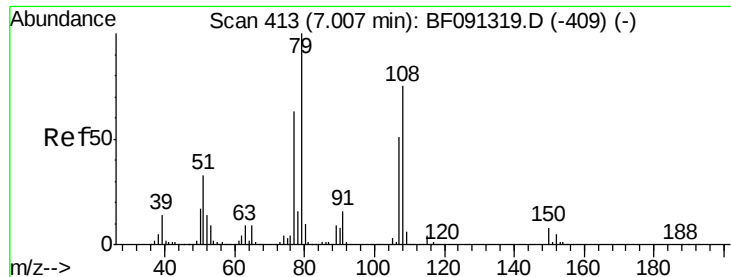


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.77 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

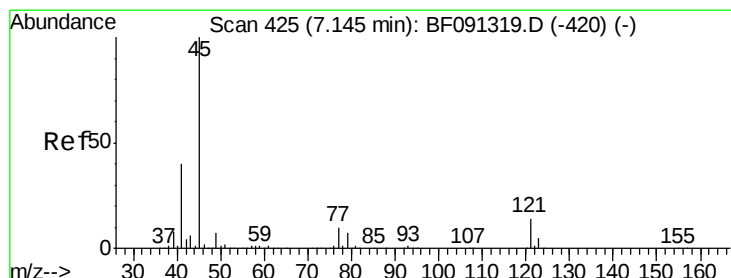
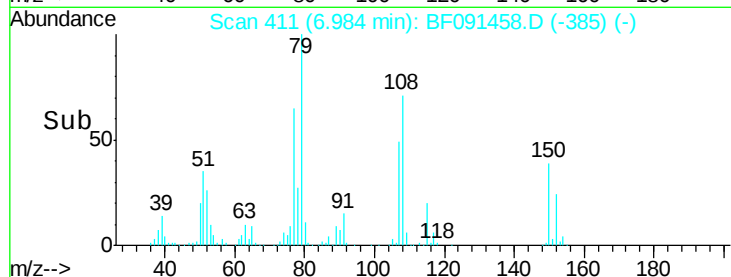
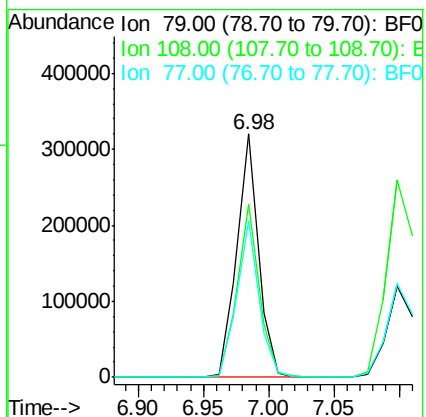
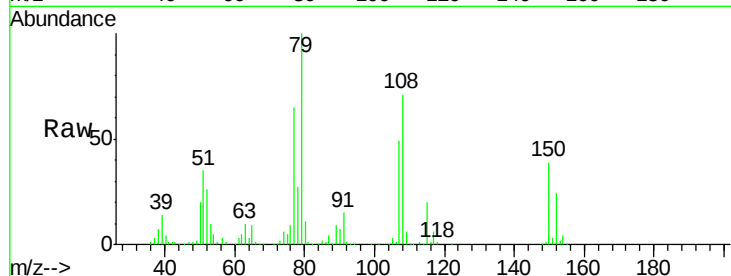
Tgt Ion: 79 Resp: 370893

Ion Ratio Lower Upper

79 100

108 71.4 62.7 94.1

77 64.5 51.7 77.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.56 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

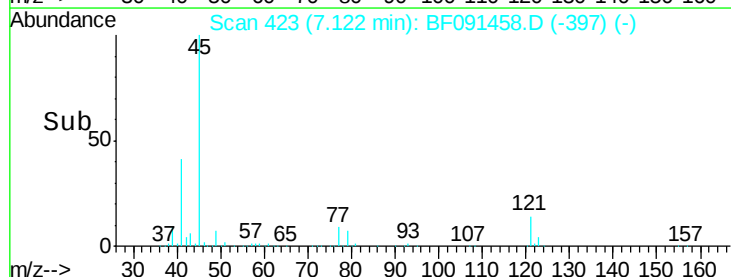
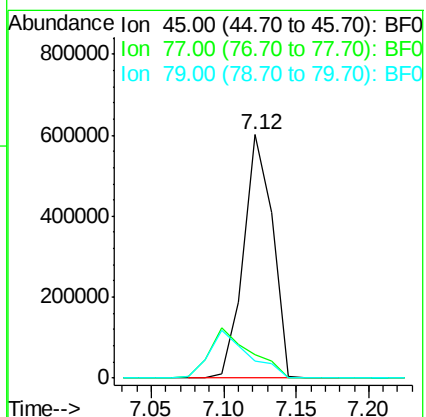
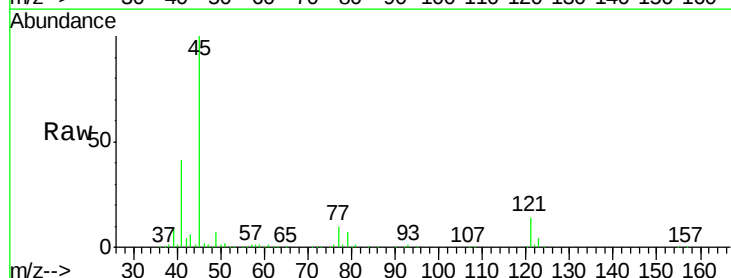
Tgt Ion: 45 Resp: 833755

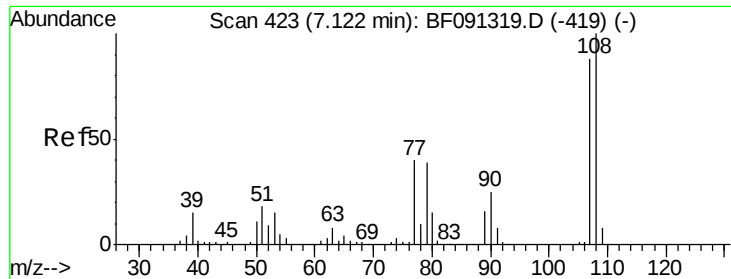
Ion Ratio Lower Upper

45 100

77 9.5 3.8 43.8

79 7.2 0.2 40.2

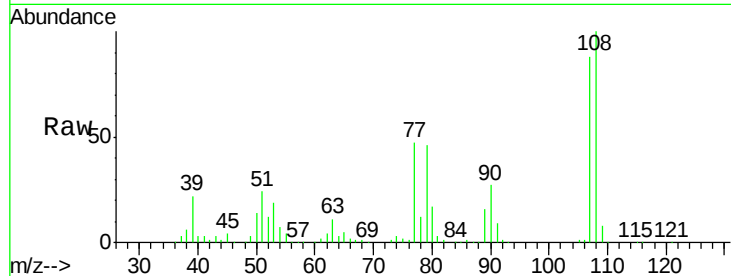




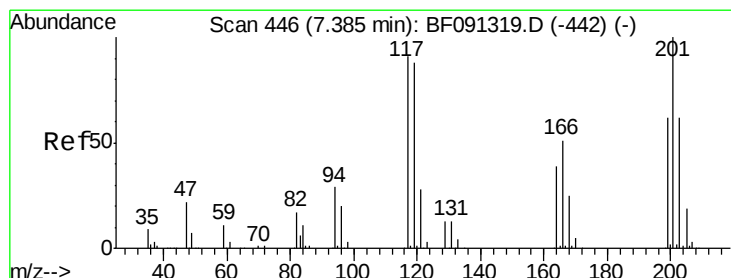
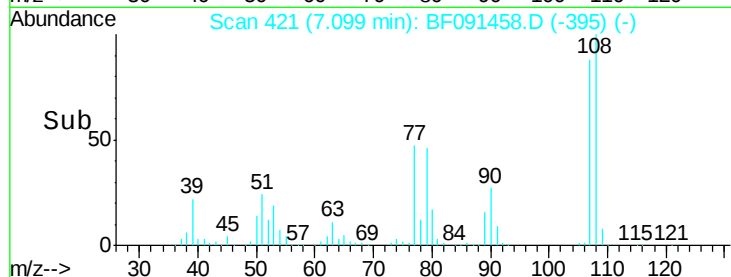
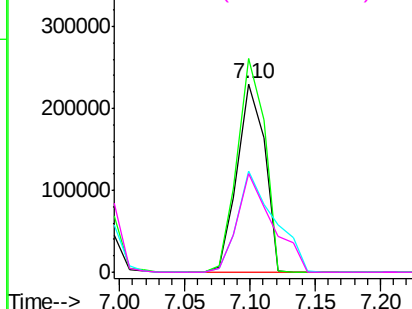
#17
2-Methylphenol
Concen: 44.32 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB95080BSD

Tgt Ion:107 Resp: 338090
Ion Ratio Lower Upper
107 100
108 113.4 67.7 101.5#
77 53.4 40.7 61.1
79 52.0 23.4 35.2#

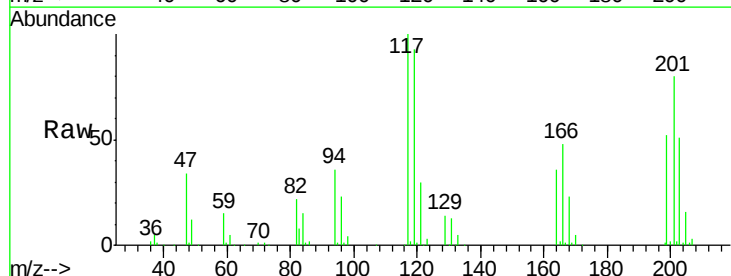


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

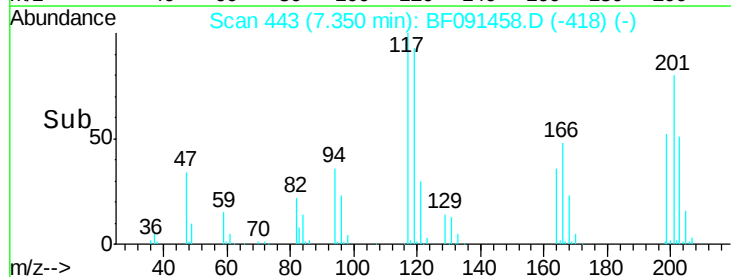
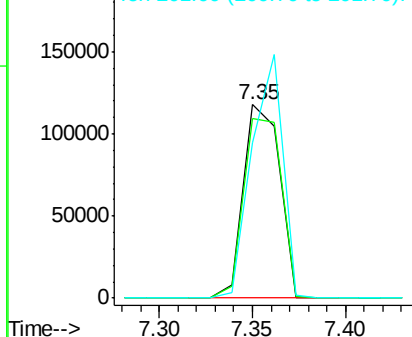


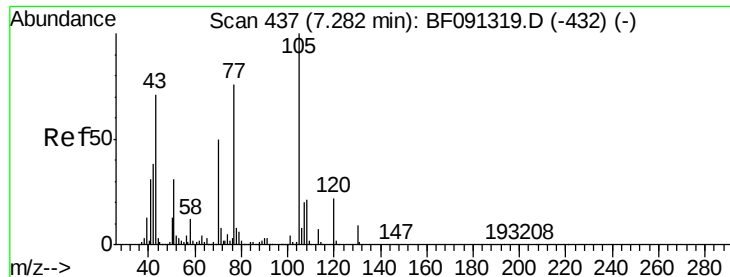
#18
Hexachloroethane
Concen: 41.73 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

Tgt Ion:117 Resp: 158220
Ion Ratio Lower Upper
117 100
119 92.9 78.6 118.0
201 80.2 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

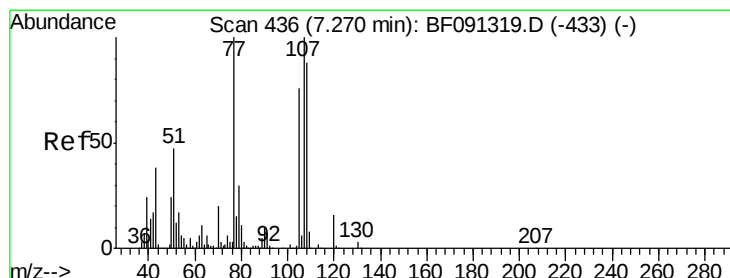
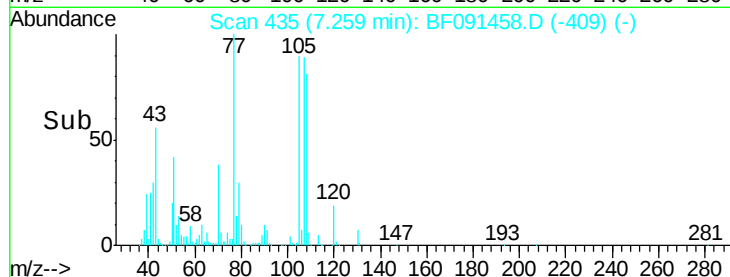
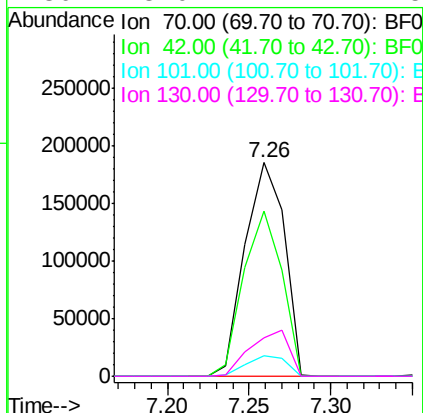
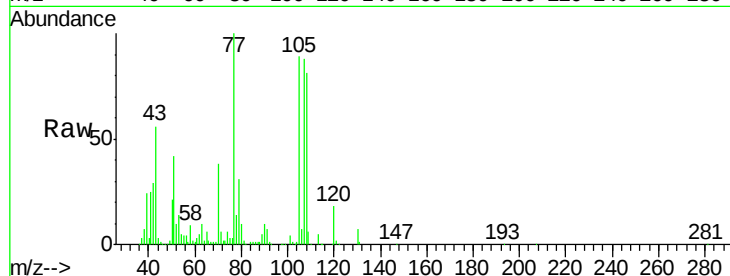




#19
n-Nitroso-di-n-propylamine
Concen: 45.69 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

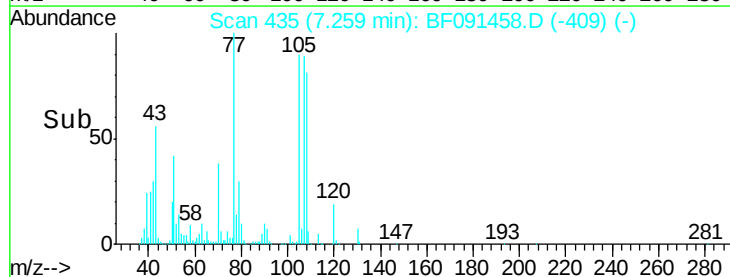
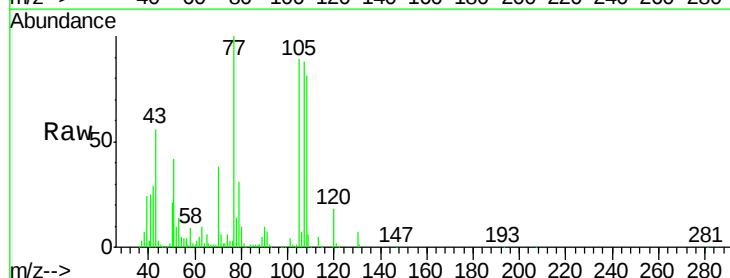
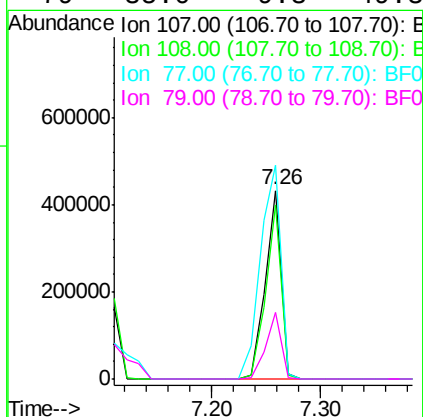
Instrument :
BNA_F
ClientSampleId :
PB95080BSD

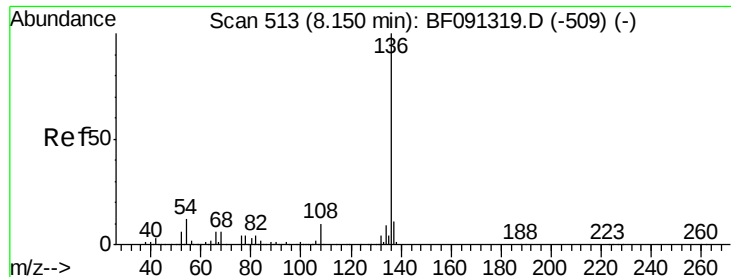
Tgt Ion: 70 Resp: 311876
Ion Ratio Lower Upper
70 100
42 77.6 64.8 97.2
101 9.3 6.2 9.4
130 18.0 11.7 17.5#



#20
3+4-Methylphenols
Concen: 47.91 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

Tgt Ion: 107 Resp: 446175
Ion Ratio Lower Upper
107 100
108 92.1 64.6 104.6
77 113.1 30.9 70.9#
79 35.0 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

Tgt Ion:136 Resp: 631949

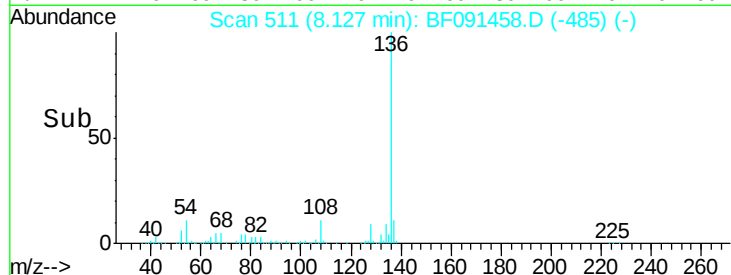
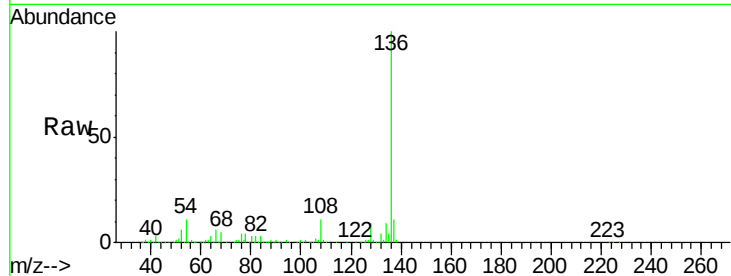
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 10.9 9.1 13.7

68 4.8 5.9 8.9#

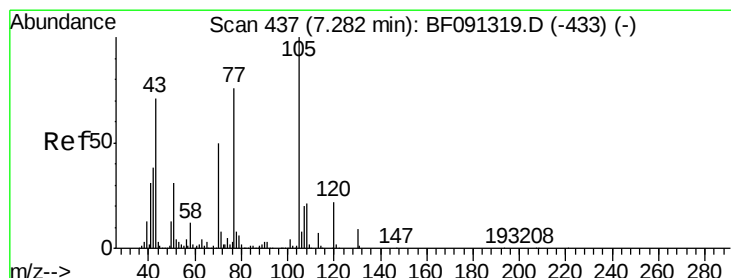
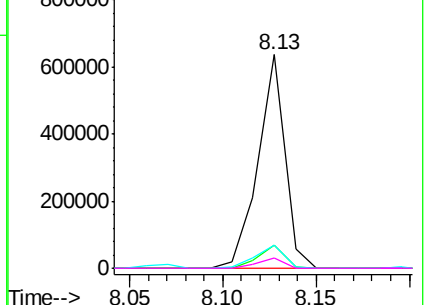


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.47 ng

RT: 7.26 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Tgt Ion:105 Resp: 606238

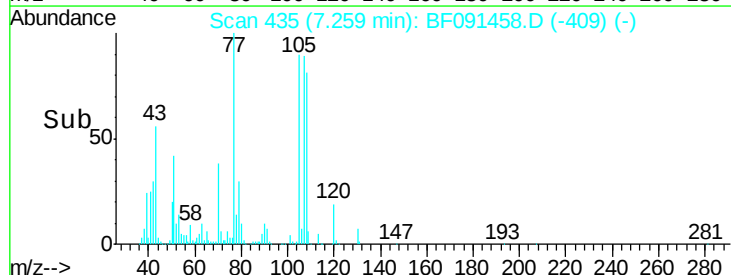
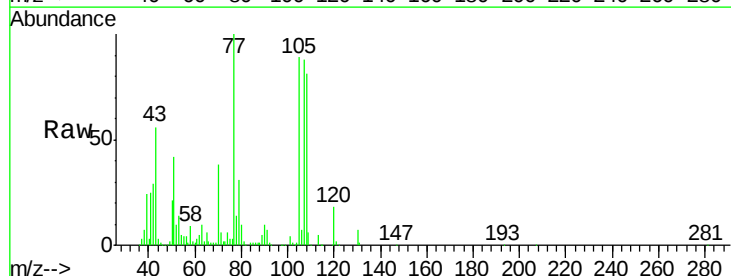
Ion Ratio Lower Upper

105 100

71 7.1 7.9 11.9#

51 47.6 24.5 36.7#

120 20.8 16.6 24.8

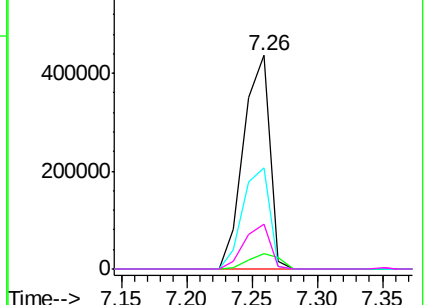


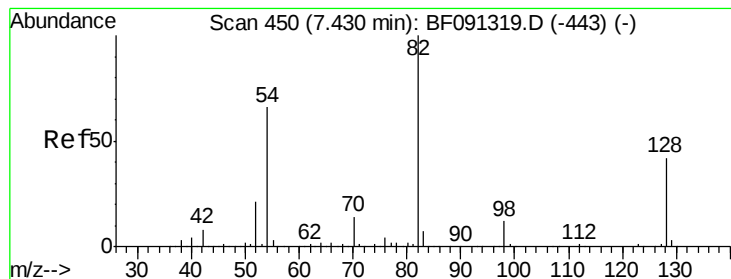
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 80.35 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

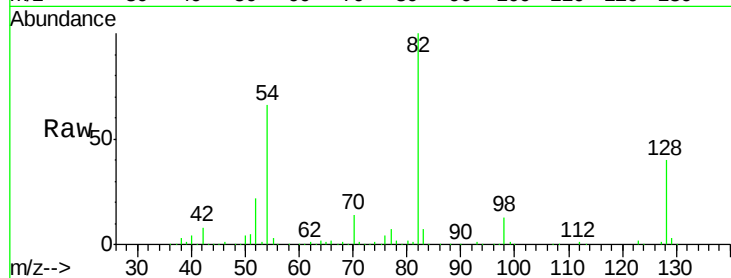
Tgt Ion: 82 Resp: 906090

Ion Ratio Lower Upper

82 100

128 40.5 31.8 47.6

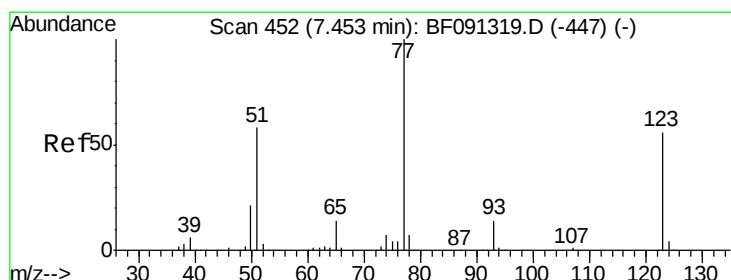
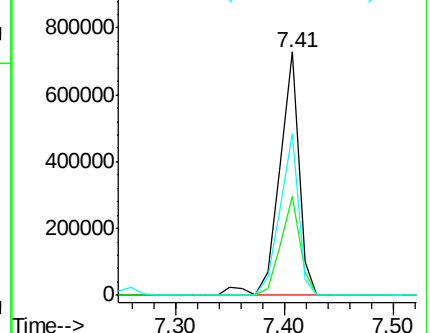
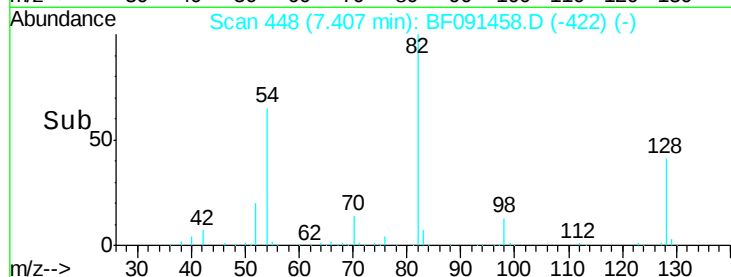
54 66.4 49.1 73.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.88 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

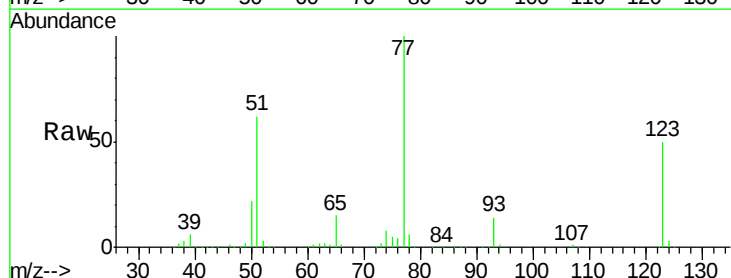
Tgt Ion: 77 Resp: 483495

Ion Ratio Lower Upper

77 100

123 50.4 28.5 42.7#

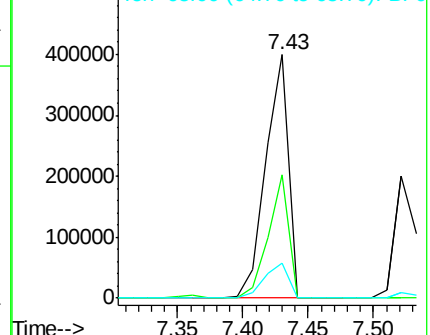
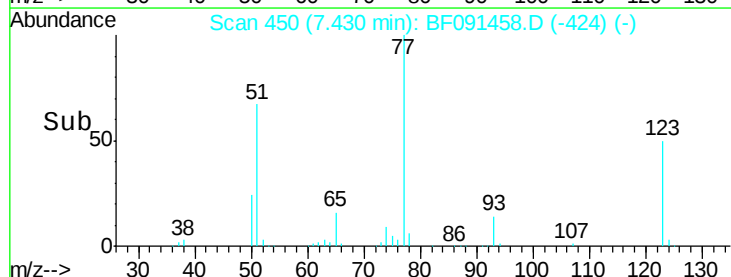
65 14.5 12.5 18.7

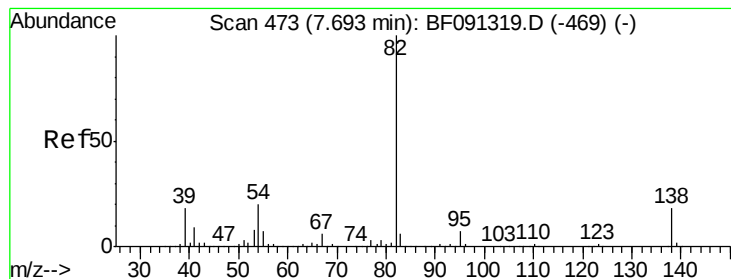


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.15 ng

RT: 7.67 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

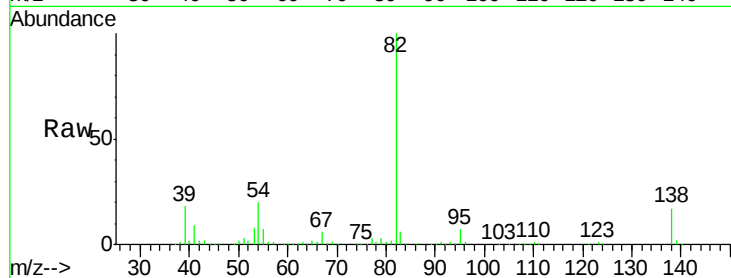
Tgt Ion: 82 Resp: 782204

Ion Ratio Lower Upper

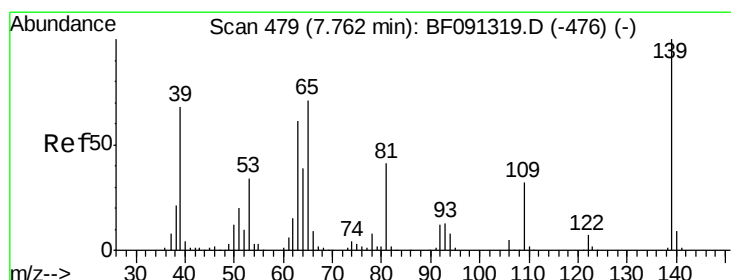
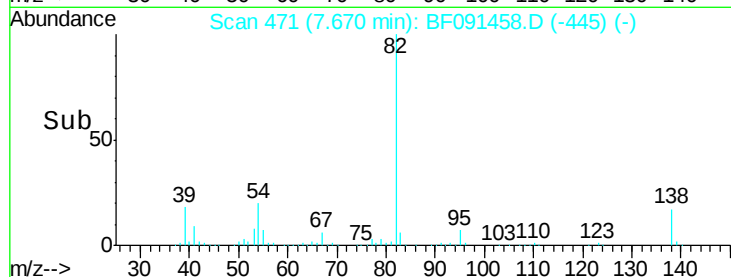
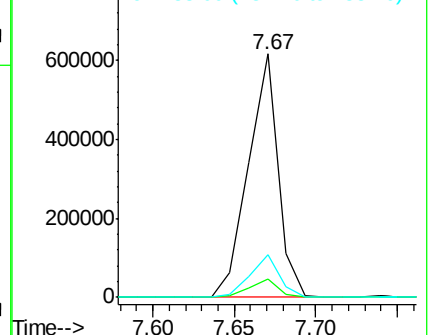
82 100

95 7.5 5.7 8.5

138 17.5 13.4 20.0



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



#26

2-Nitrophenol

Concen: 35.71 ng

RT: 7.74 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

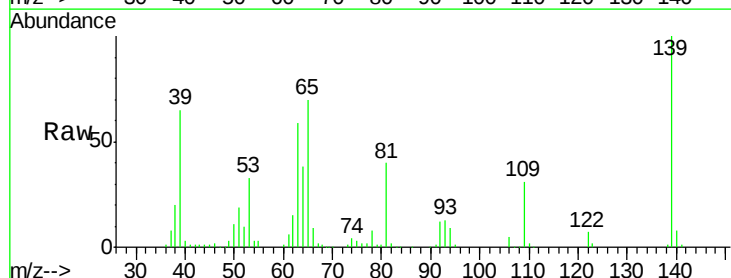
Tgt Ion: 139 Resp: 187892

Ion Ratio Lower Upper

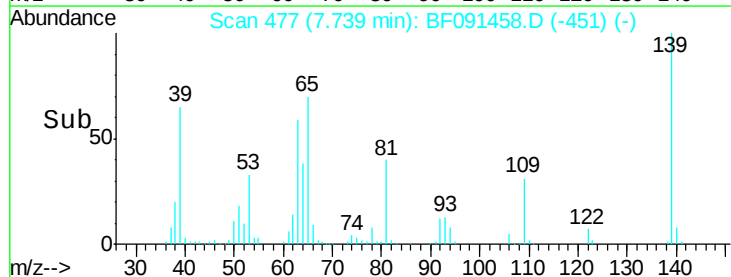
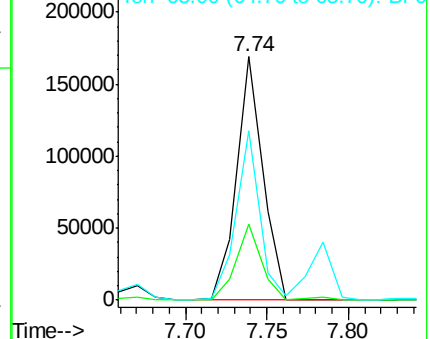
139 100

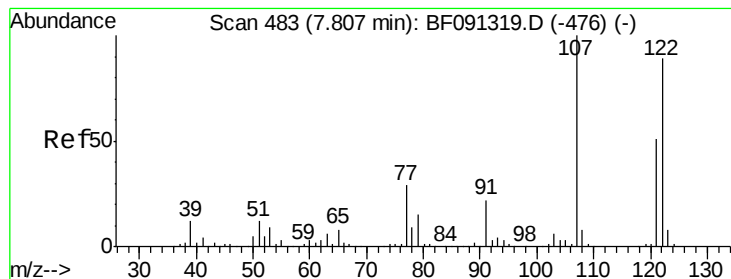
109 31.3 25.3 37.9

65 69.8 55.4 83.2



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





#27

2,4-Dimethylphenol

Concen: 35.92 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

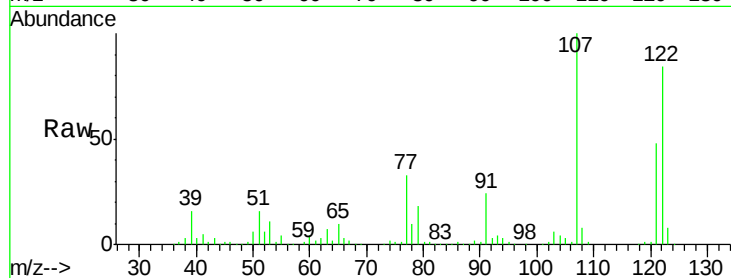
Tgt Ion: 122 Resp: 353590

Ion Ratio Lower Upper

122 100

107 119.2 96.8 145.2

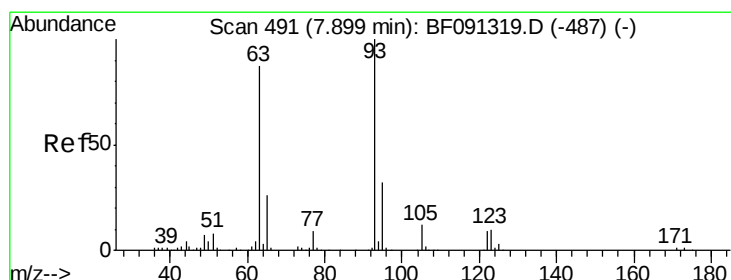
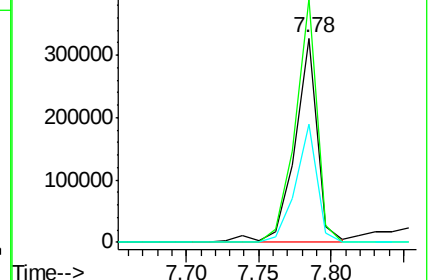
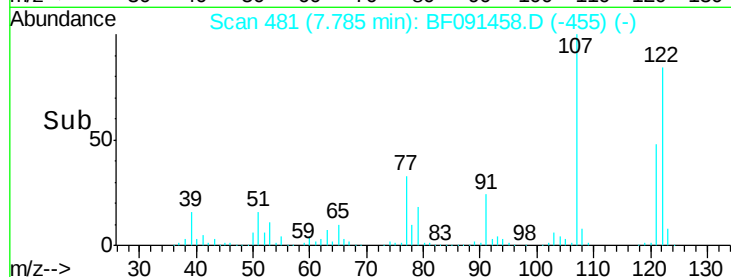
121 57.7 47.7 71.5



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: 37.68 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

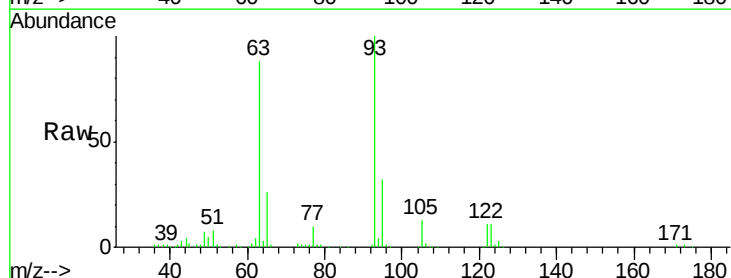
Tgt Ion: 93 Resp: 453152

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

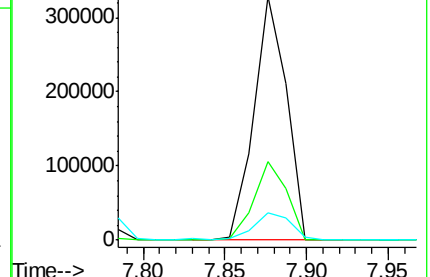
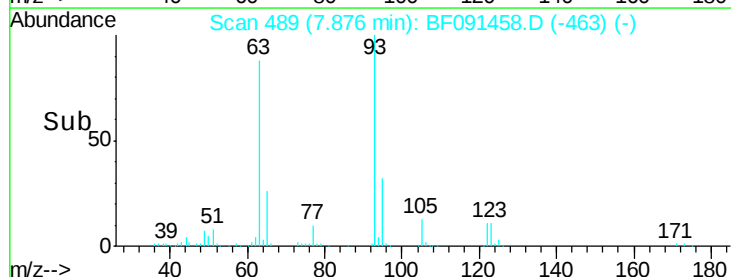
123 11.0 8.6 12.8

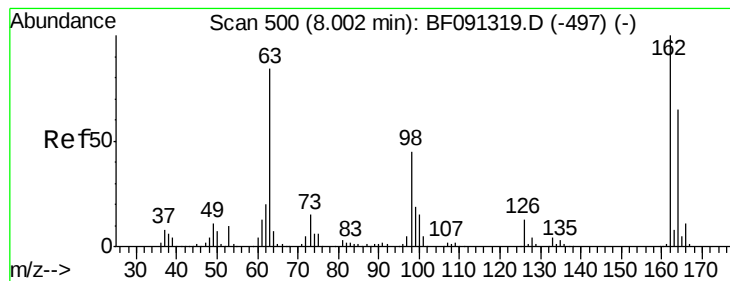


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.93 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

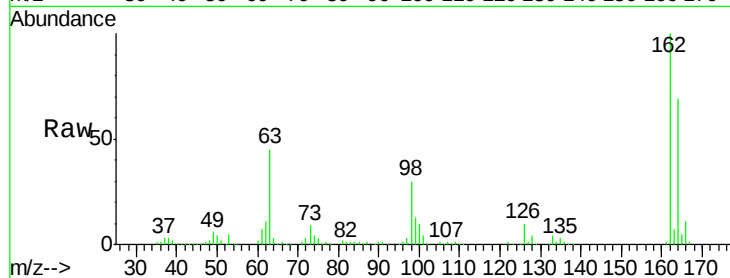
Tgt Ion:162 Resp: 354377

Ion Ratio Lower Upper

162 100

164 68.7 45.0 85.0

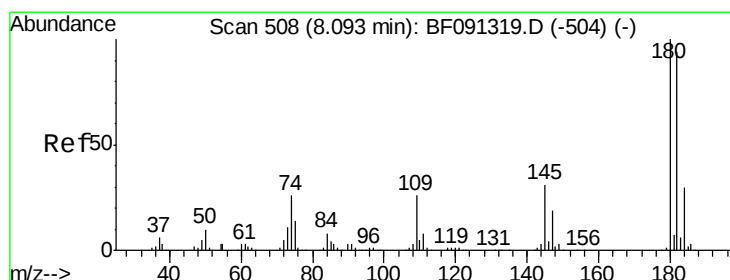
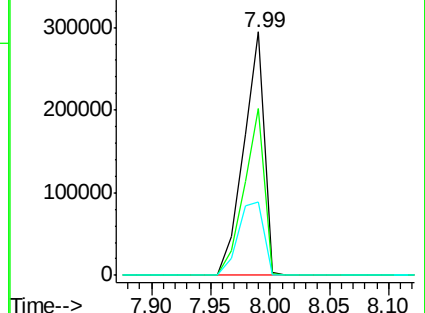
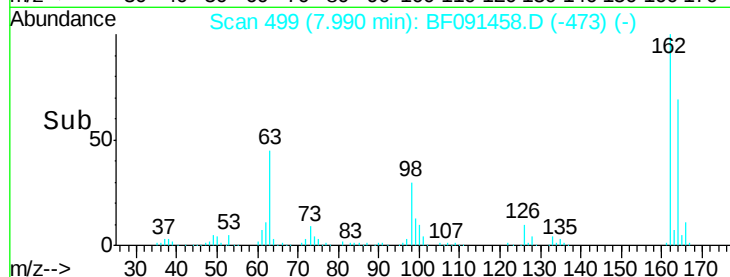
98 30.0 21.3 61.3



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: 41.30 ng

RT: 8.07 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

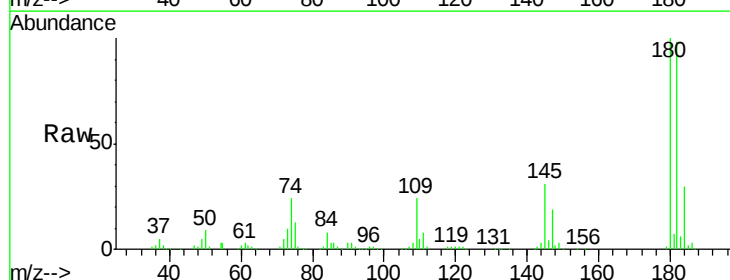
Tgt Ion:180 Resp: 400886

Ion Ratio Lower Upper

180 100

182 97.8 75.8 113.8

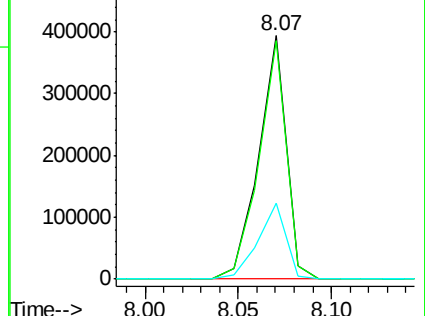
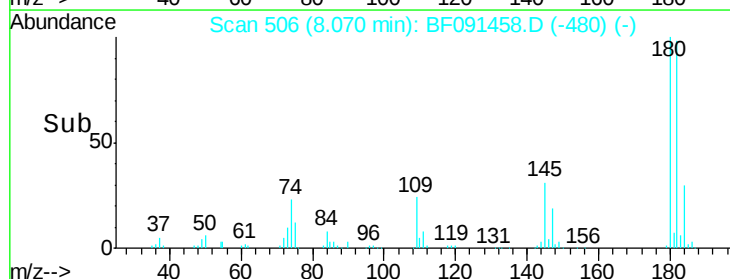
145 30.9 27.0 40.4

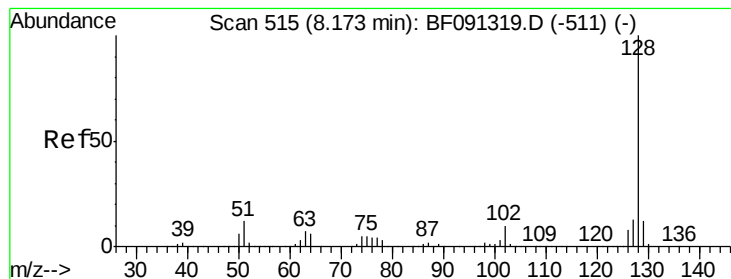


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.05 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

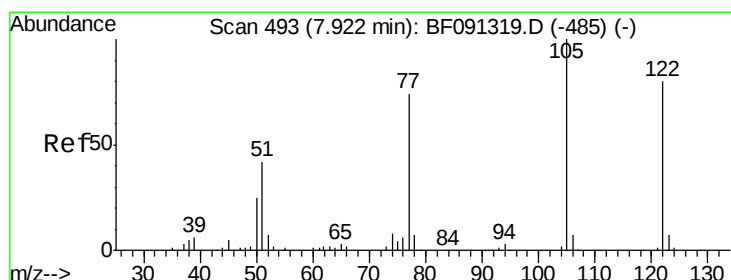
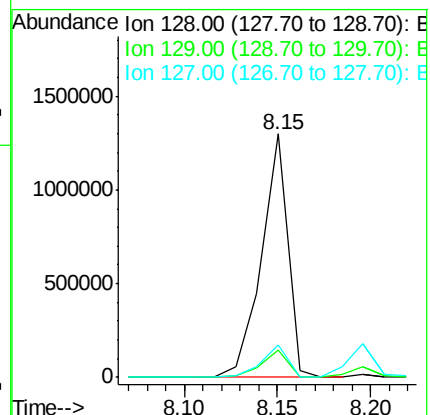
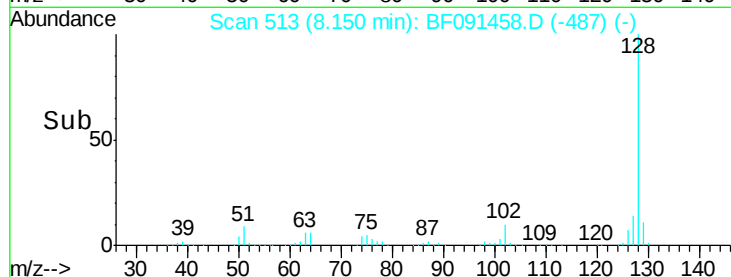
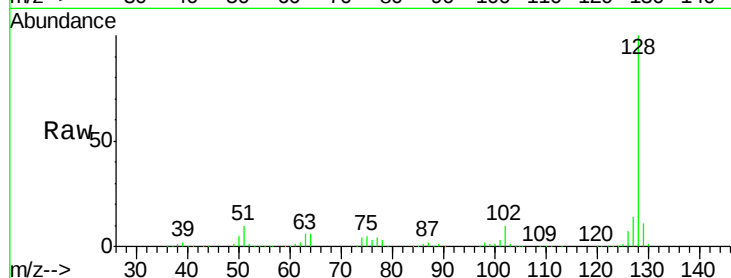
Tgt Ion:128 Resp: 1262948

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

127 13.6 11.0 16.4



#32

Benzoic acid

Concen: 23.78 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

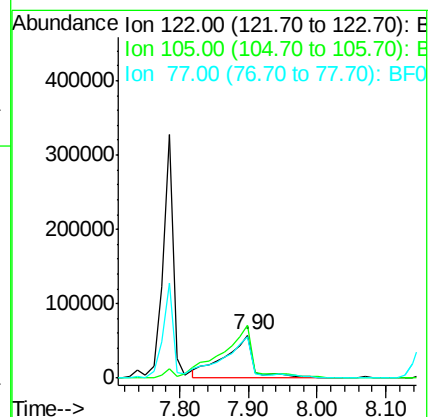
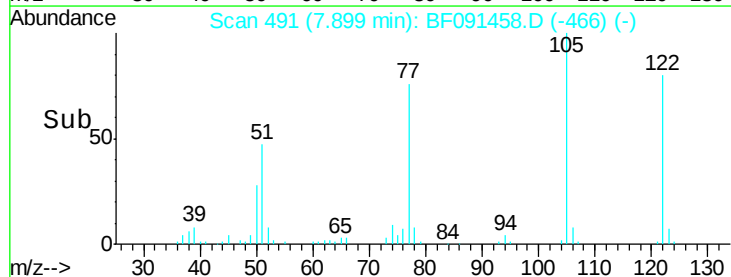
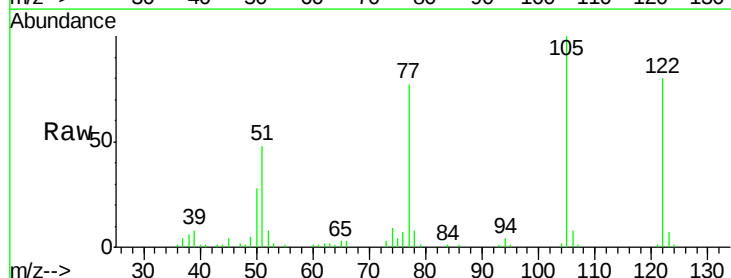
Tgt Ion:122 Resp: 172494

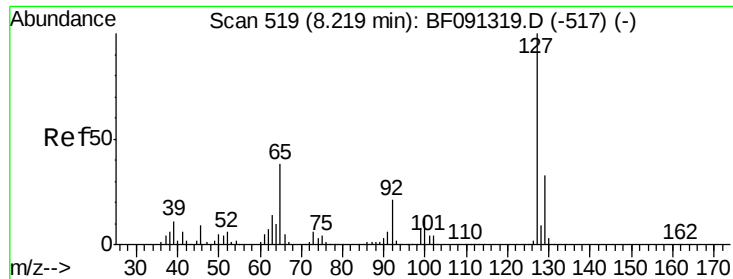
Ion Ratio Lower Upper

122 100

105 124.3 113.0 153.0

77 95.8 82.0 122.0

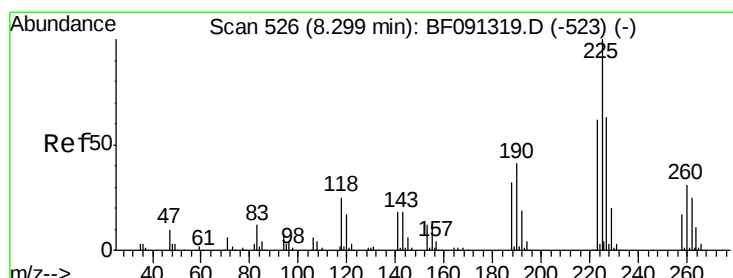
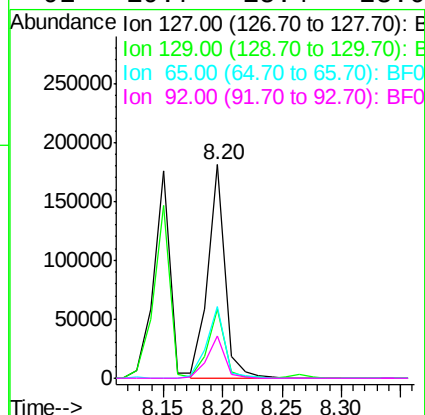
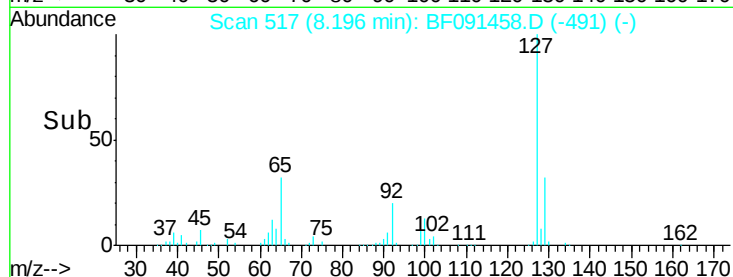
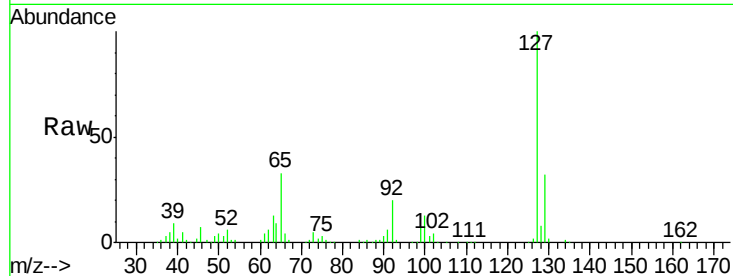




#33
4-Chloroaniline
Concen: 14.30 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

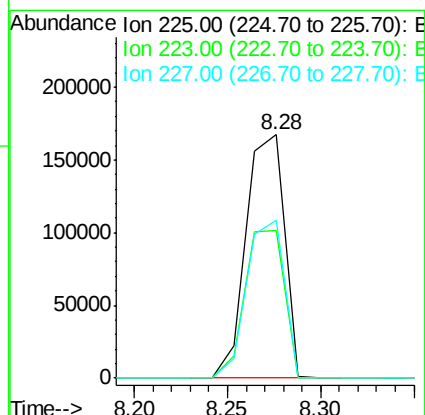
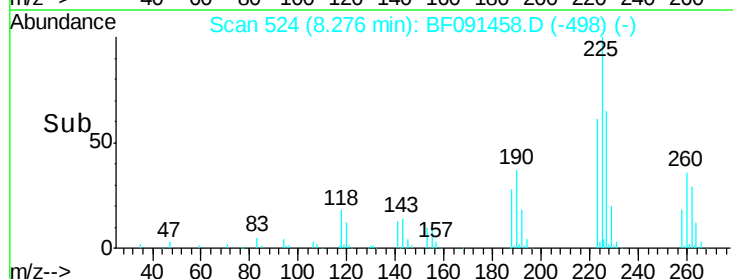
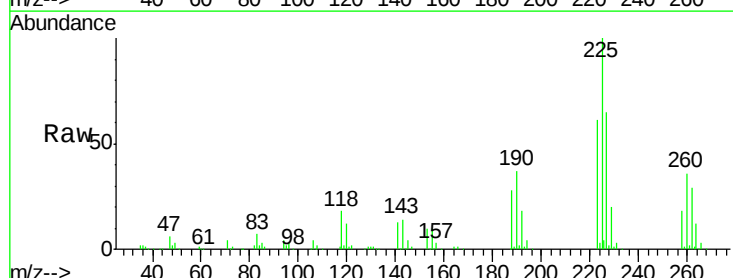
Instrument :
BNA_F
ClientSampleId :
PB95080BSD

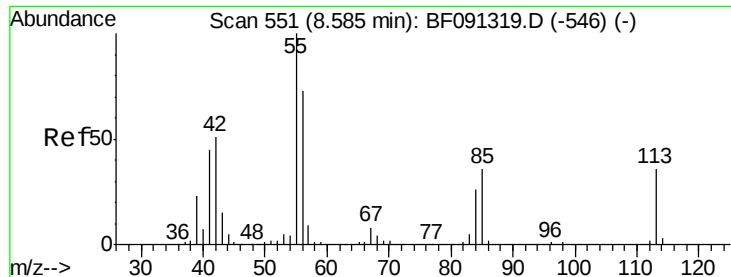
Tgt Ion:	127	Resp:	183631
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	33.5	26.6	39.8
92	19.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 39.85 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

Tgt Ion:	225	Resp:	237878
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.8	74.6
227	64.8	52.6	79.0

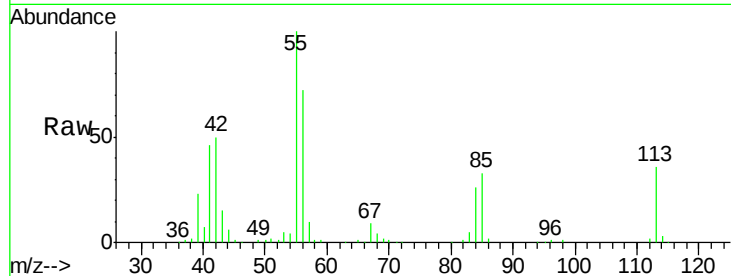




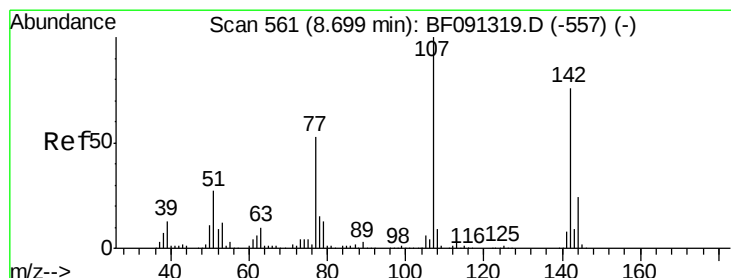
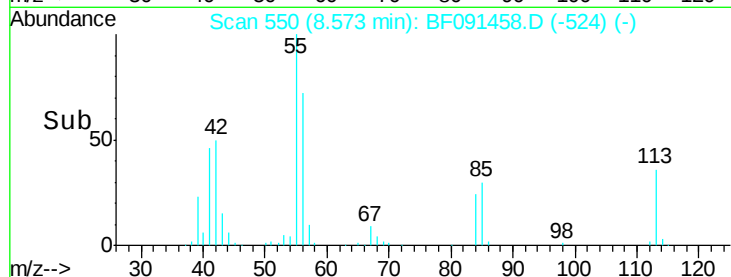
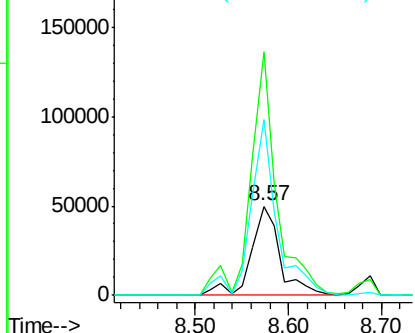
#35
 Caprolactam
 Concen: 43.02 ng
 RT: 8.57 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BSD

Tgt Ion:113 Resp: 107068
 Ion Ratio Lower Upper
 113 100
 55 274.4 239.8 279.8
 56 197.9 165.6 205.6

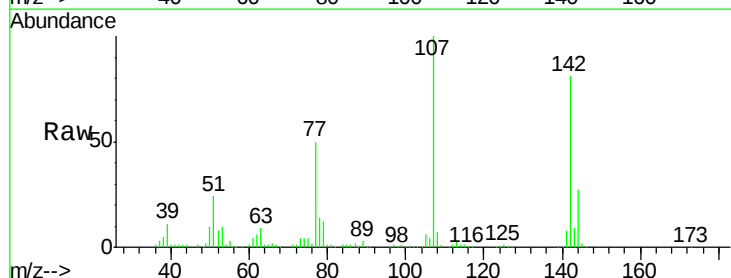


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

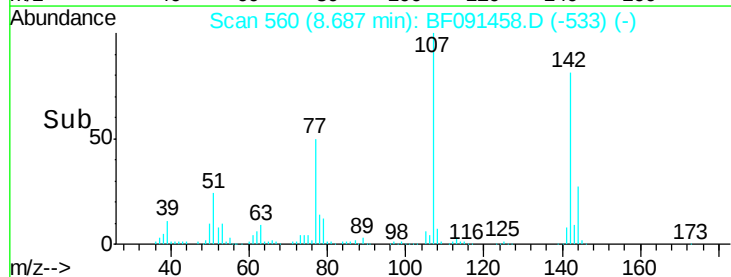
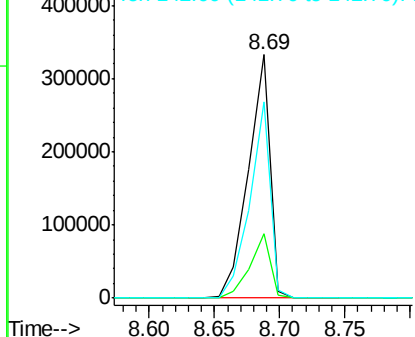


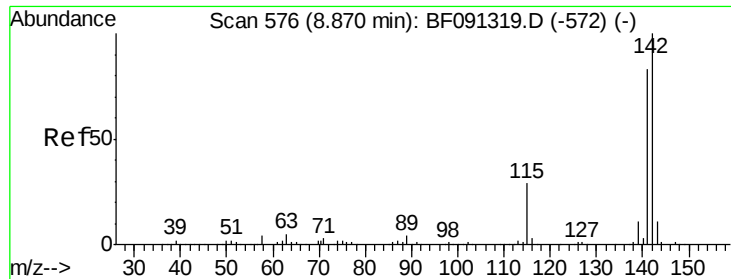
#36
 4-Chloro-3-methylphenol
 Concen: 41.27 ng
 RT: 8.69 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

Tgt Ion:107 Resp: 385818
 Ion Ratio Lower Upper
 107 100
 144 26.6 18.9 28.3
 142 80.6 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

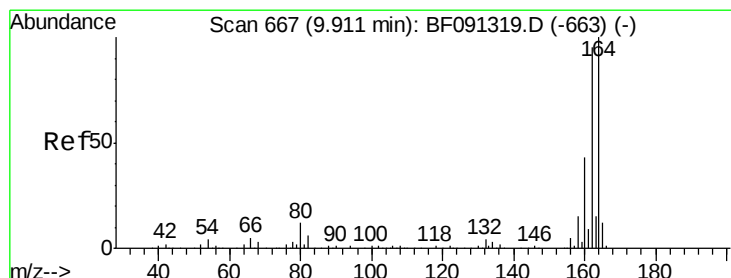
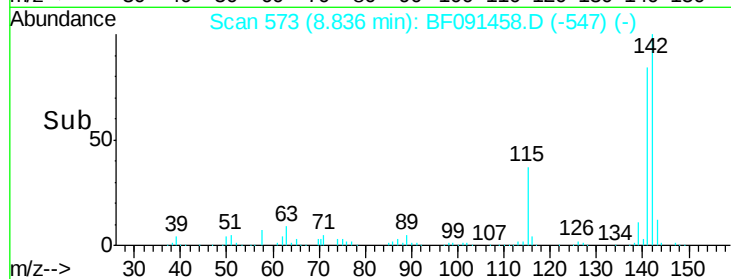
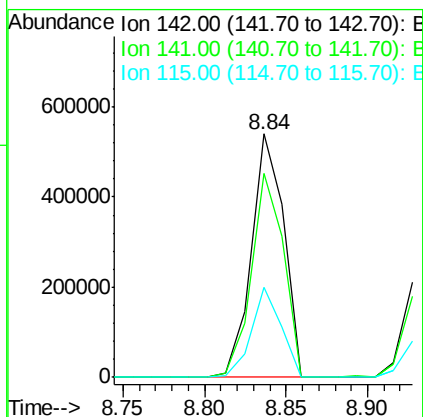
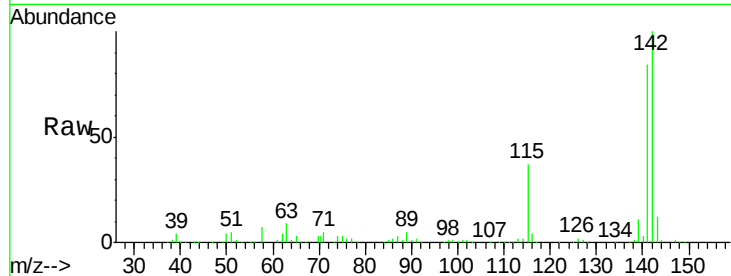




#37
 2-Methylnaphthalene
 Concen: 36.31 ng
 RT: 8.84 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

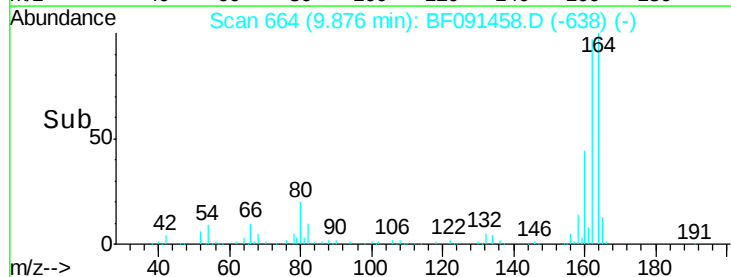
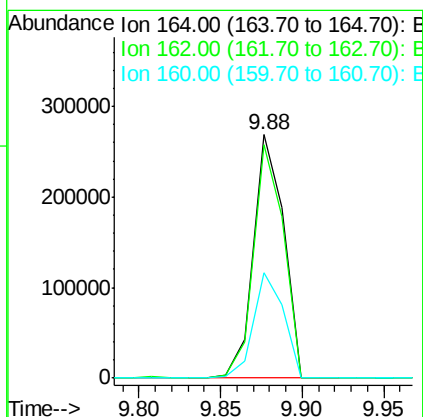
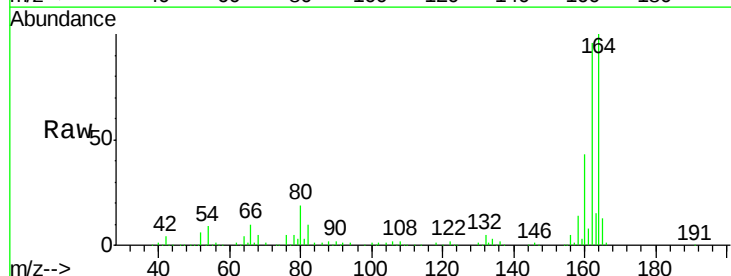
Instrument :
 BNA_F
 ClientSampleId :
 PB95080BSD

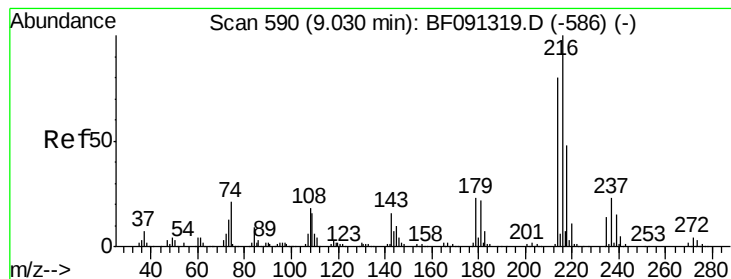
Tgt Ion:142 Resp: 740821
 Ion Ratio Lower Upper
 142 100
 141 83.8 71.7 107.5
 115 36.9 25.0 37.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

Tgt Ion:164 Resp: 346336
 Ion Ratio Lower Upper
 164 100
 162 95.7 82.6 124.0
 160 43.0 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.60 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

Tgt Ion:216 Resp: 396371

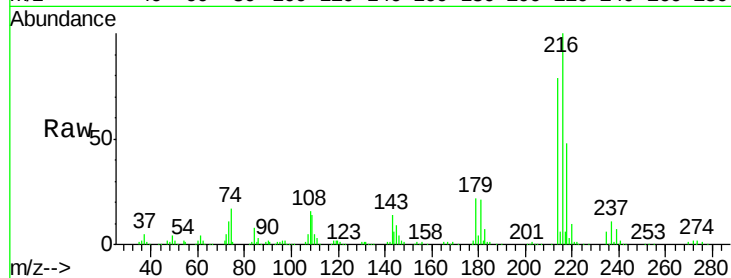
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.8

179 21.9 18.2 27.2

108 19.2 17.2 25.8

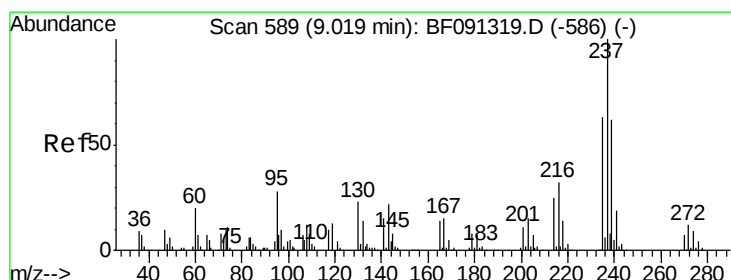
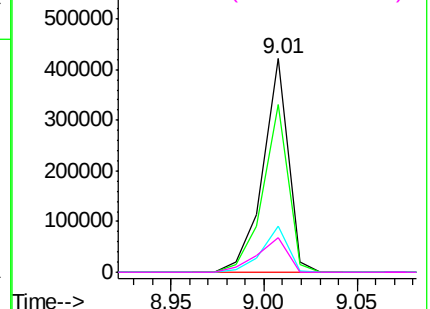
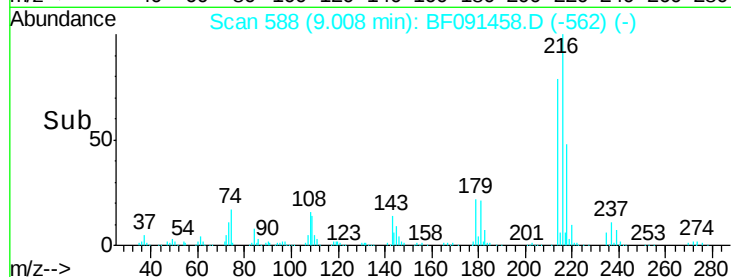


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 69.27 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

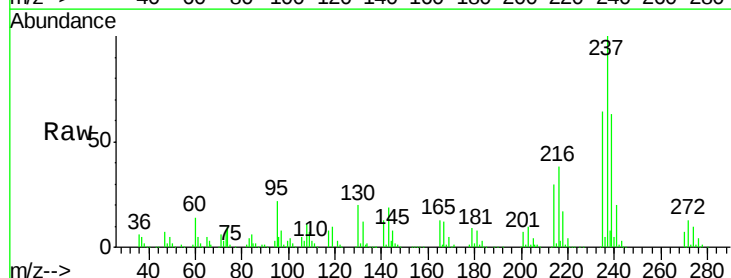
Tgt Ion:237 Resp: 313482

Ion Ratio Lower Upper

237 100

235 63.8 43.9 83.9

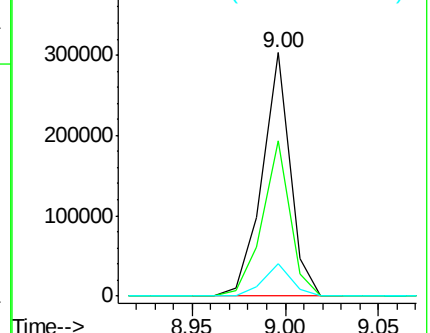
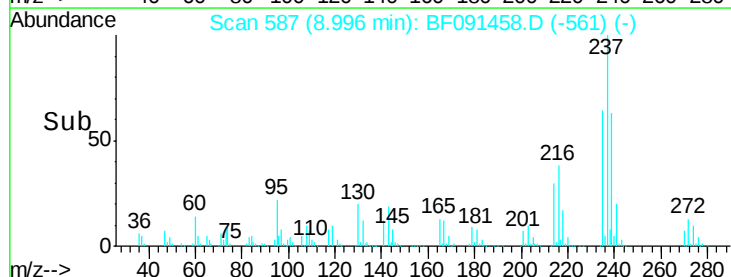
272 13.3 0.0 33.1

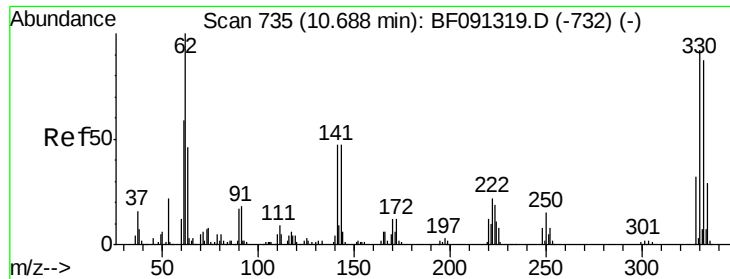


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

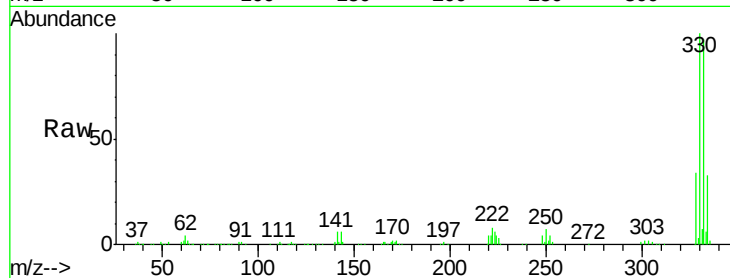




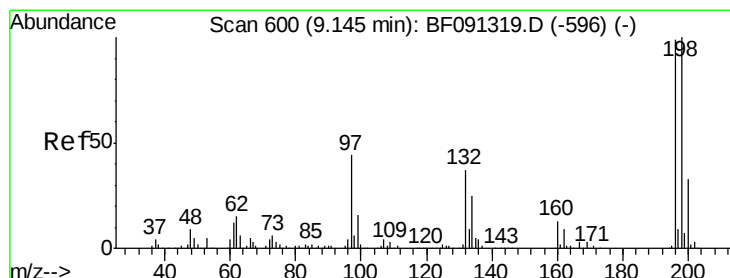
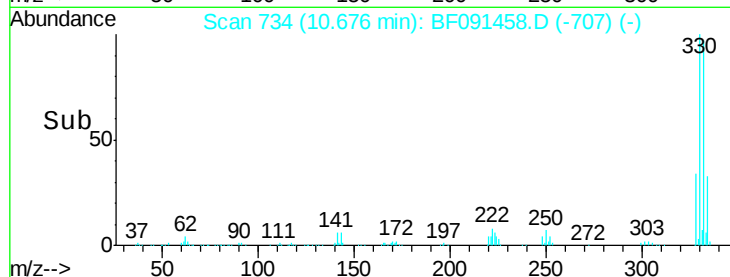
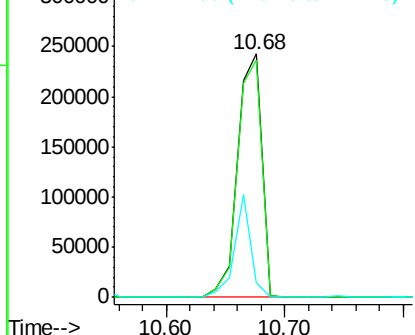
#41
 2,4,6-Tribromophenol
 Concen: 104.87 ng
 RT: 10.68 min Scan# 734
 Delta R.T. 0.01 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BSD

Tgt Ion:330 Resp: 343861
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.2 114.4
 141 28.3 33.6 50.4#

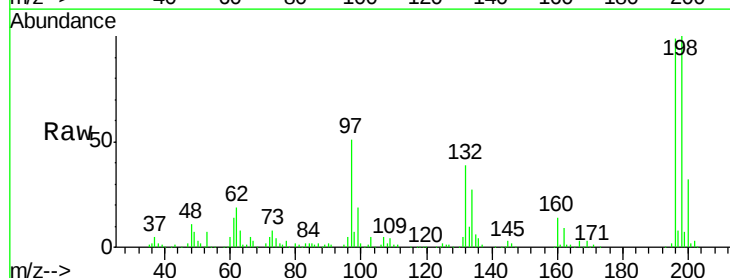


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

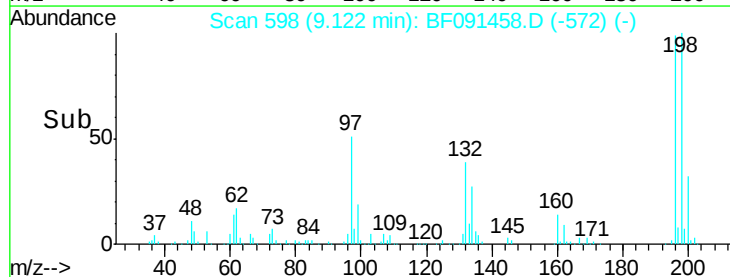
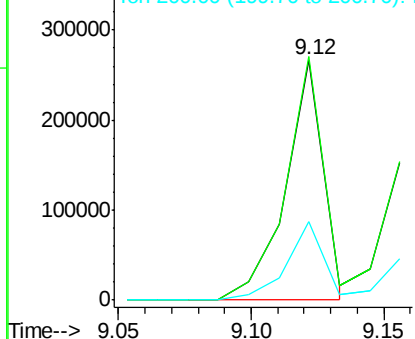


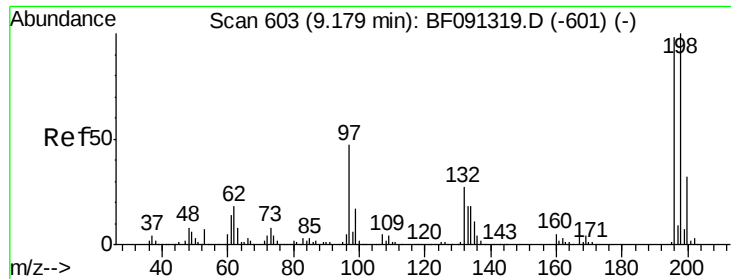
#42
 2,4,6-Trichlorophenol
 Concen: 41.86 ng m
 RT: 9.12 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

Tgt Ion:196 Resp: 265602
 Ion Ratio Lower Upper
 196 100
 198 101.5 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

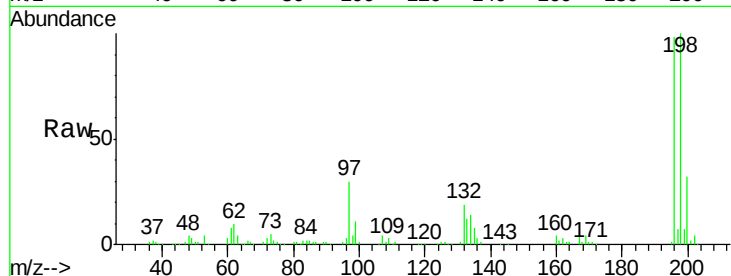




#43
 2,4,5-Trichlorophenol
 Concen: 38.41 ng m
 RT: 9.17 min Scan# 602
 Delta R.T. 0.01 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.2	77.0	115.6
97	30.2	33.5	50.3#
132	19.8	20.5	30.7#



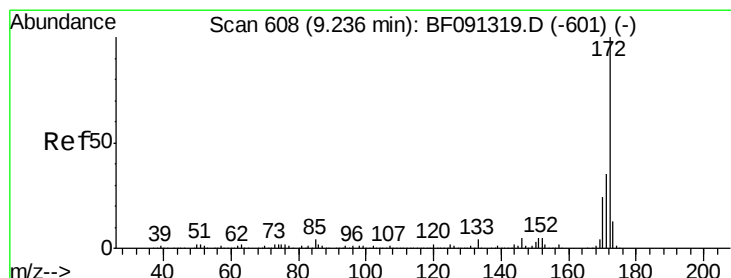
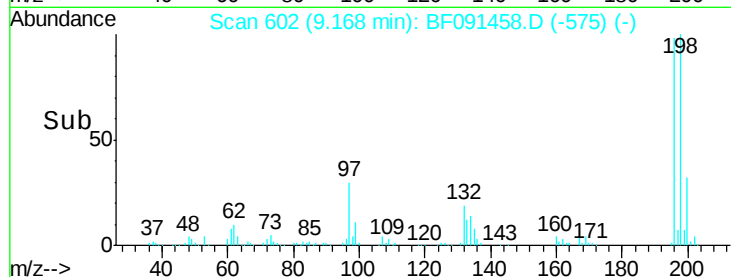
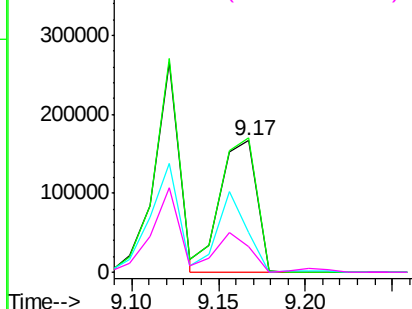
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

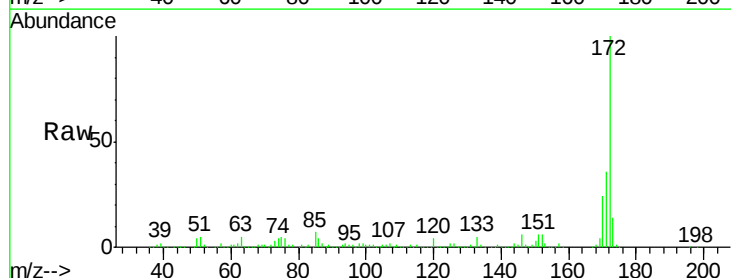
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.14 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.8	19.7	29.5

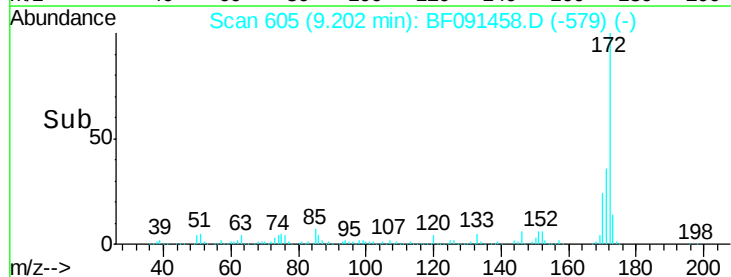
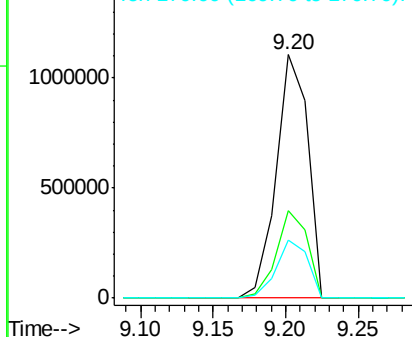


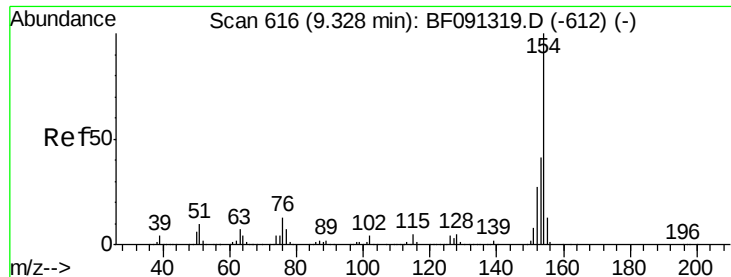
Abundance

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

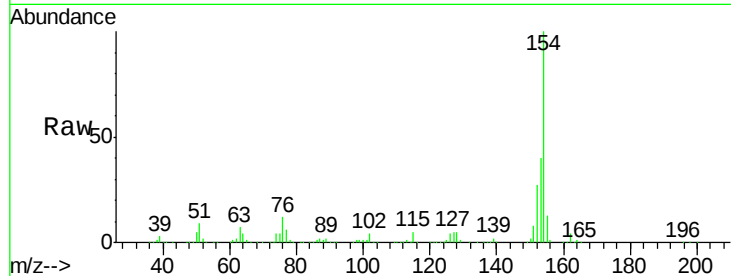




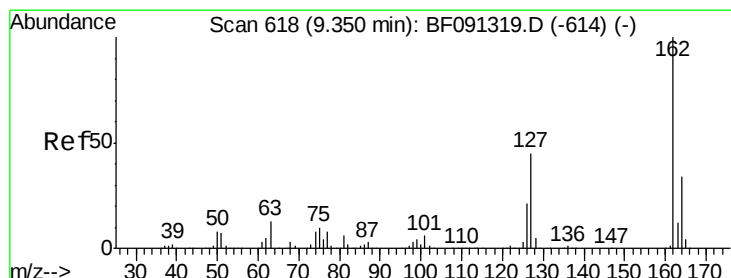
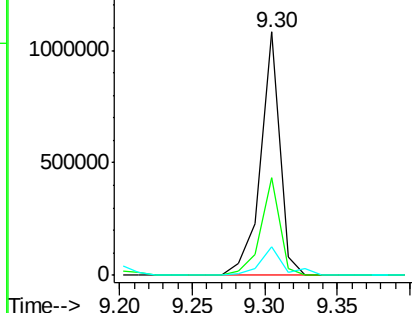
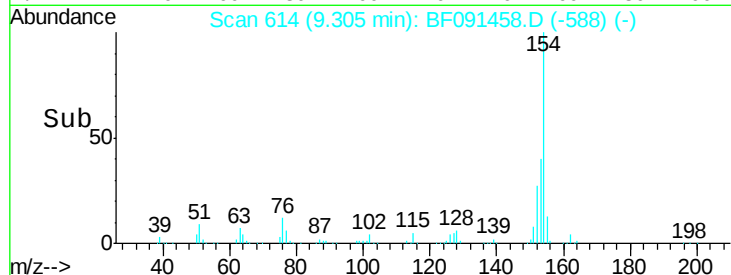
#45
1,1'-Biphenyl
Concen: 39.97 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB95080BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	11.9	0.0	36.6

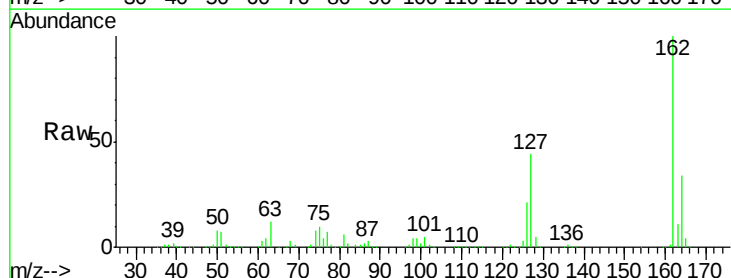


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

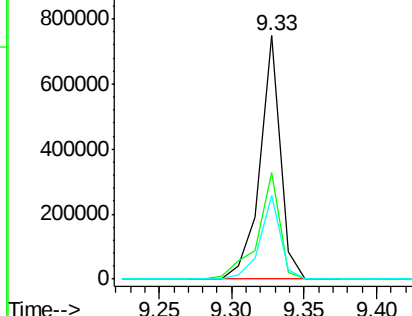
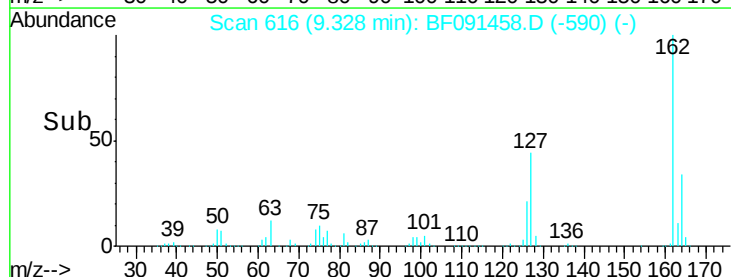


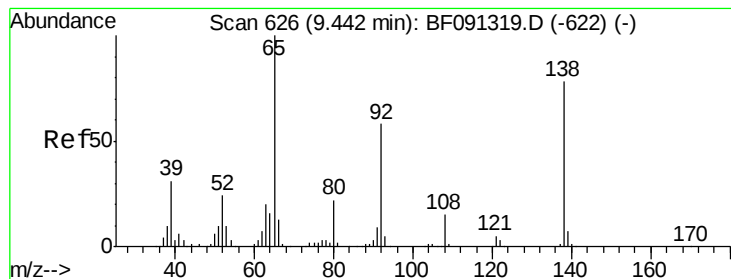
#46
2-Chloronaphthalene
Concen: 39.31 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.7	34.3	51.5
164	34.1	26.6	40.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.02 ng

RT: 9.42 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

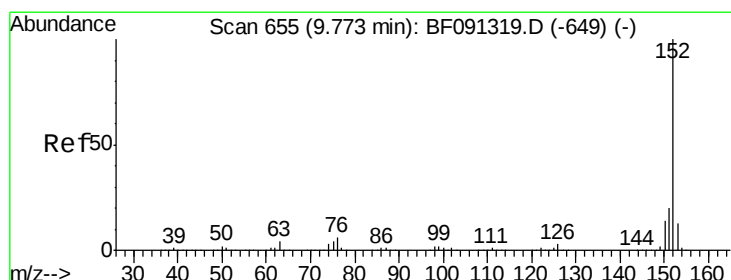
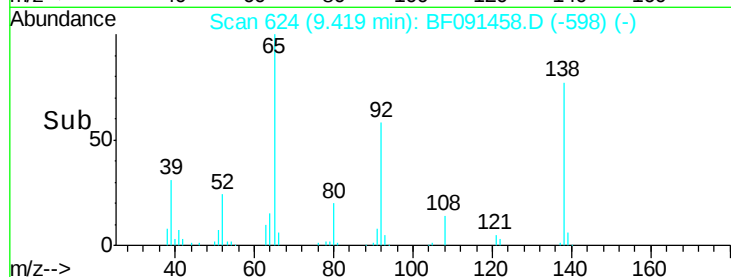
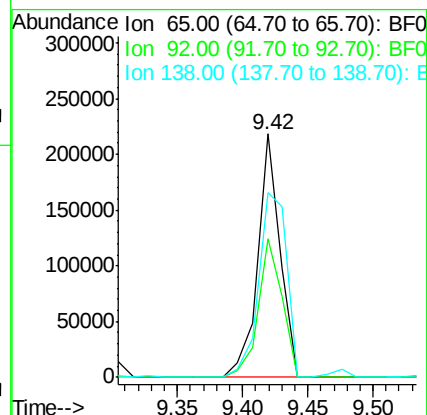
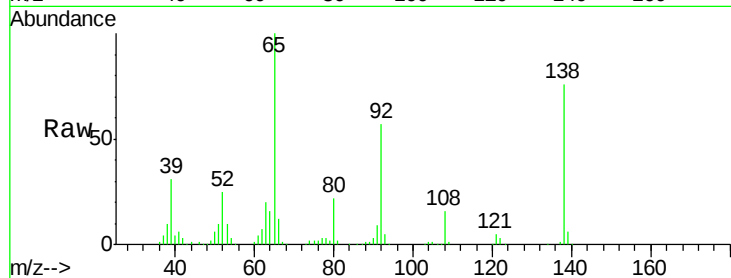
Tgt Ion: 65 Resp: 259953

Ion Ratio Lower Upper

65 100

92 56.9 53.6 80.4

138 75.8 91.0 136.6#



#48

Acenaphthylene

Concen: 37.69 ng

RT: 9.74 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

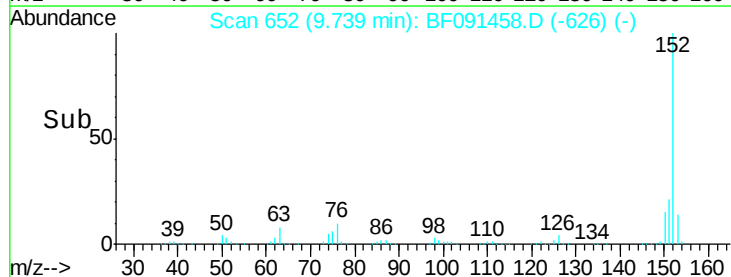
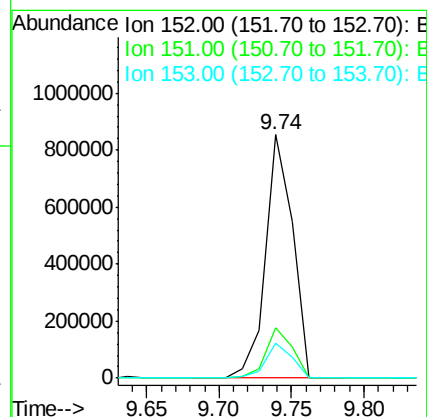
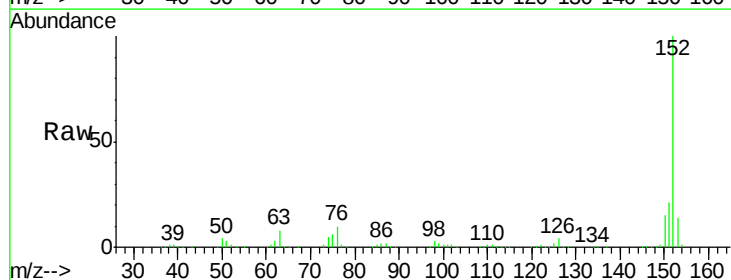
Tgt Ion: 152 Resp: 1100513

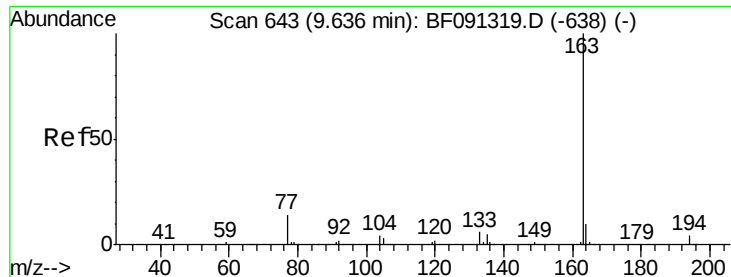
Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

153 14.2 10.7 16.1

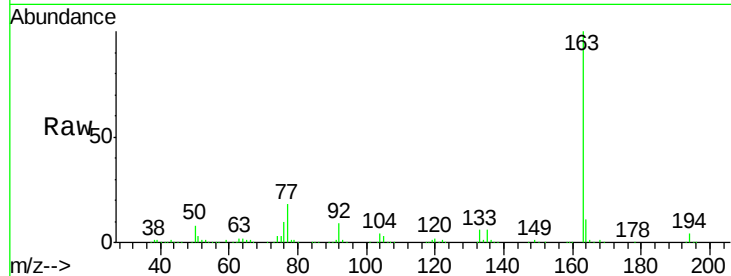




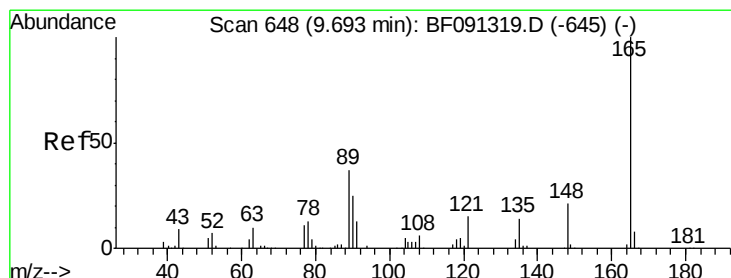
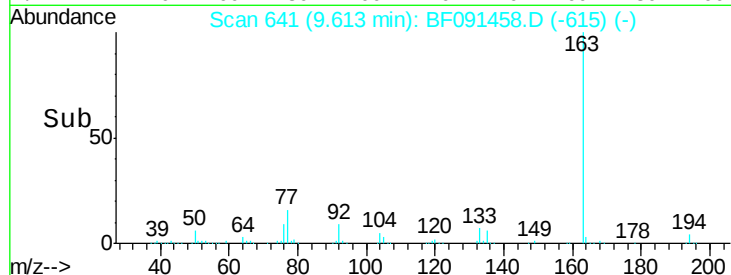
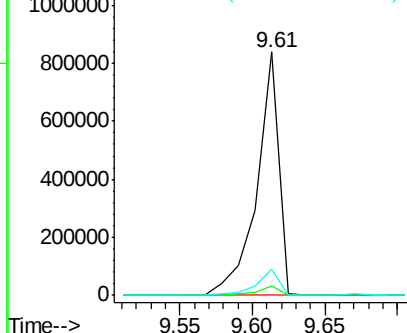
#49
Dimethylphthalate
Concen: 41.95 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB95080BSD

Tgt Ion:163 Resp: 879813
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.5 7.8 11.8

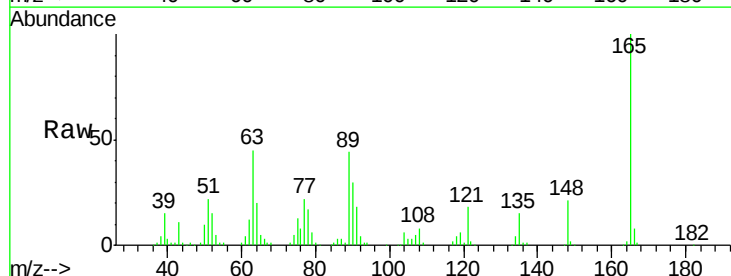


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

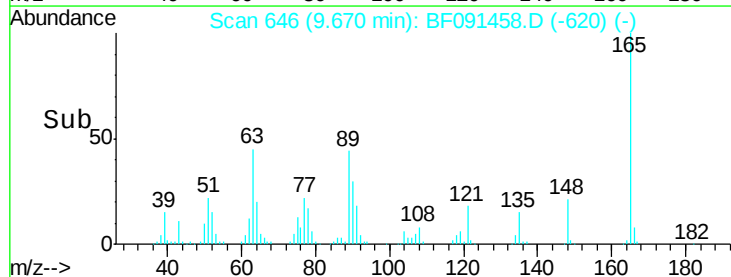
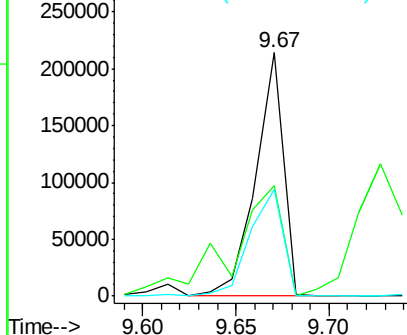


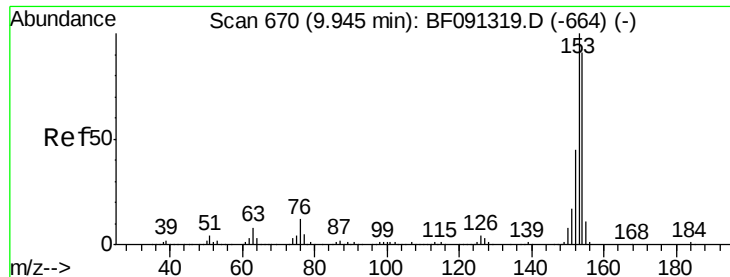
#50
2,6-Dinitrotoluene
Concen: 46.68 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

Tgt Ion:165 Resp: 218818
Ion Ratio Lower Upper
165 100
63 45.4 59.4 89.0#
89 44.0 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: 35.98 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

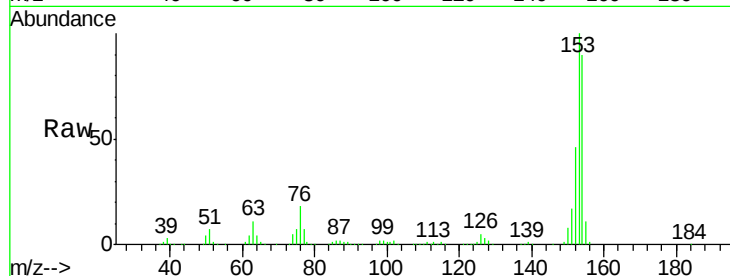
Tgt Ion:154 Resp: 708475

Ion Ratio Lower Upper

154 100

153 111.3 91.0 136.6

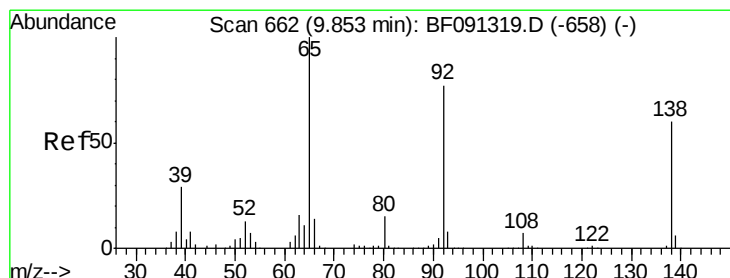
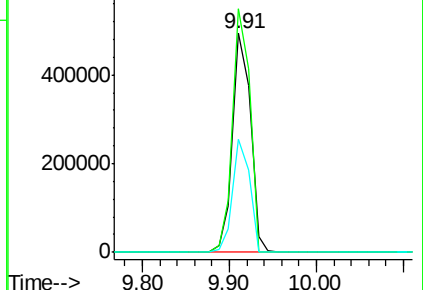
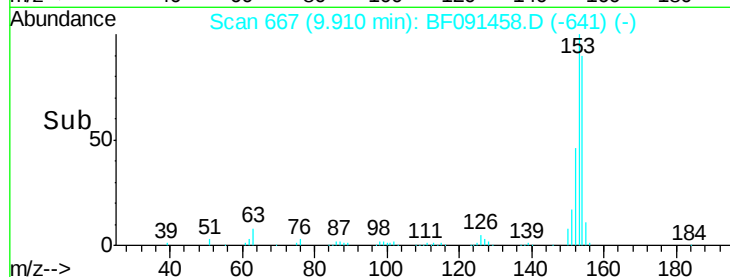
152 51.5 44.2 66.2



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: 22.05 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

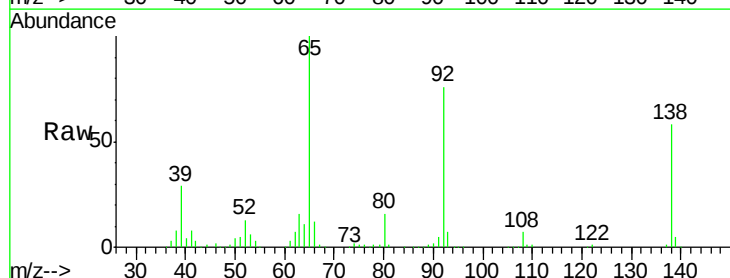
Tgt Ion:138 Resp: 119617

Ion Ratio Lower Upper

138 100

108 11.5 8.1 12.1

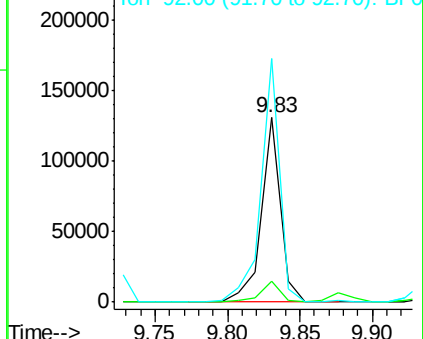
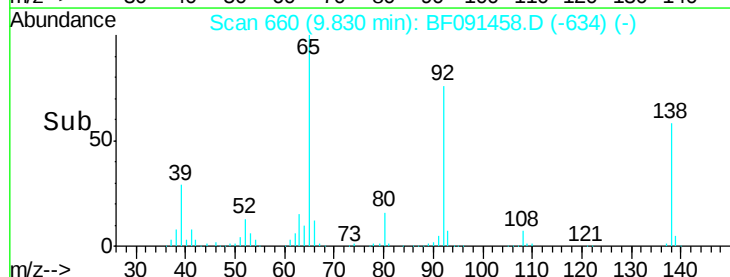
92 132.0 92.5 138.7

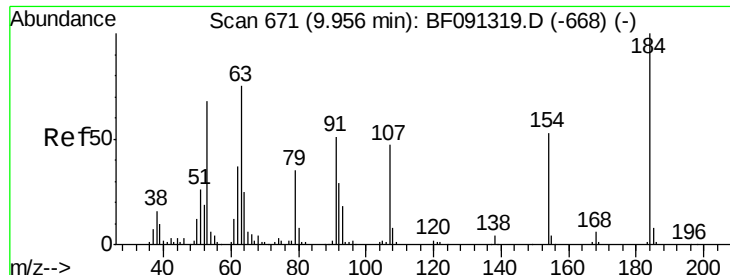


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

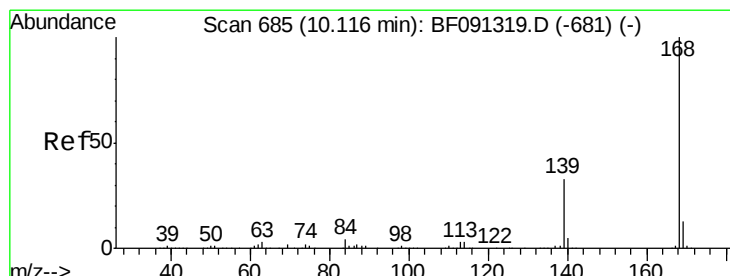
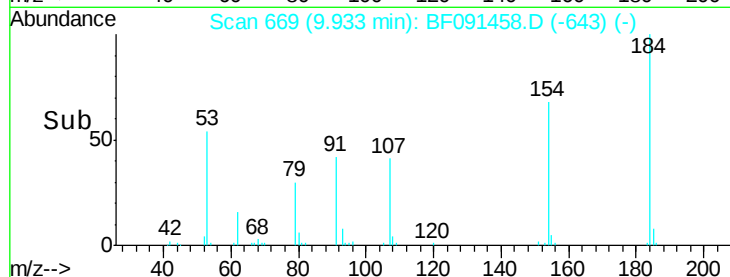
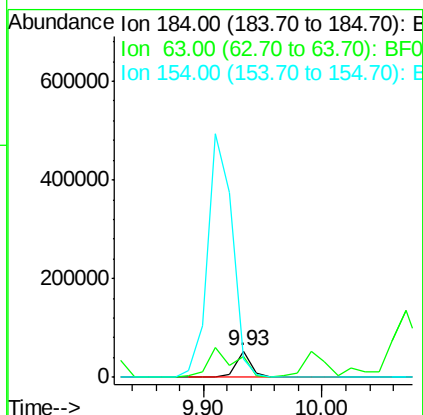
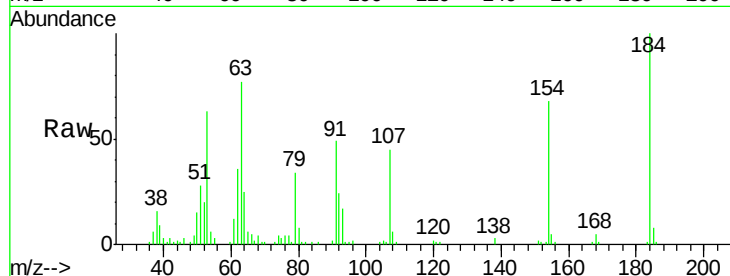




#53
2,4-Dinitrophenol
Concen: 23.79 ng
RT: 9.93 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

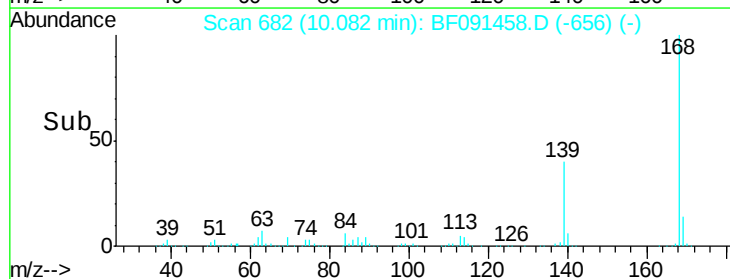
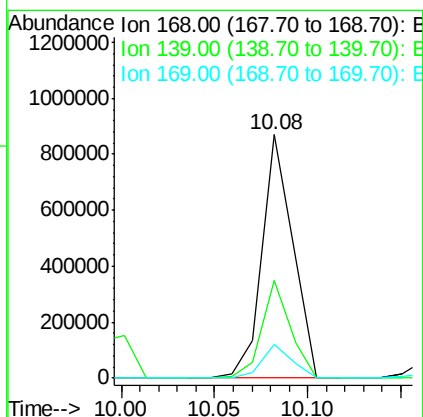
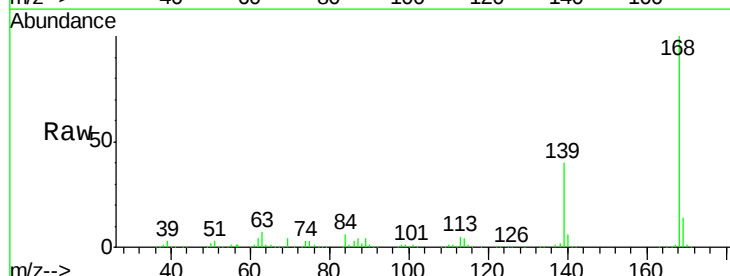
Instrument :
BNA_F
ClientSampleId :
PB95080BSD

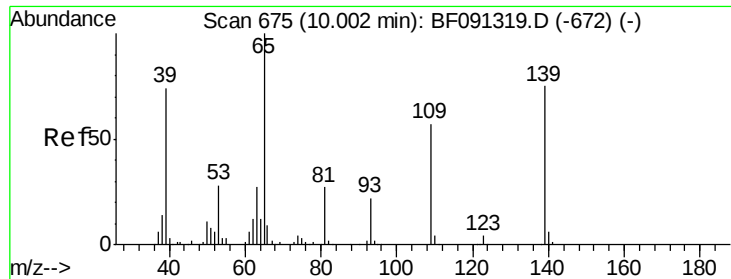
Tgt Ion:184 Resp: 48753
Ion Ratio Lower Upper
184 100
63 76.5 58.3 87.5
154 67.9 48.6 73.0



#54
Dibenzofuran
Concen: 37.62 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

Tgt Ion:168 Resp: 991997
Ion Ratio Lower Upper
168 100
139 39.9 33.4 50.2
169 13.7 11.1 16.7





#55

4-Nitrophenol

Concen: 54.44 ng

RT: 10.00 min Scan# 675

Delta R.T. 0.01 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

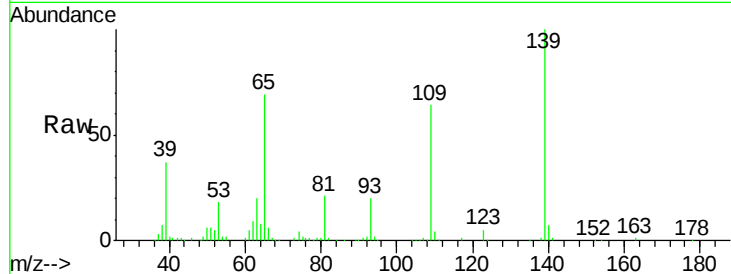
Tgt Ion:139 Resp: 213329

Ion Ratio Lower Upper

139 100

109 63.7 54.9 94.9

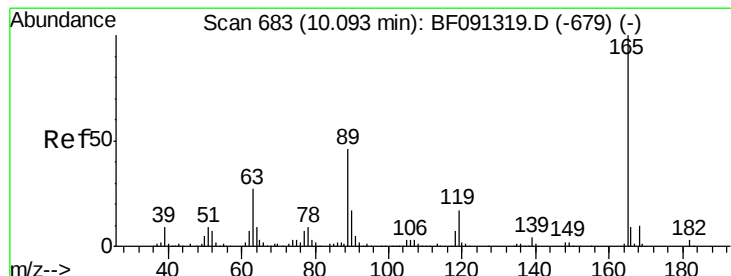
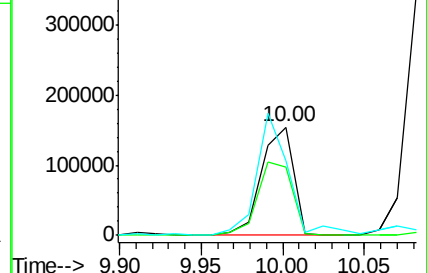
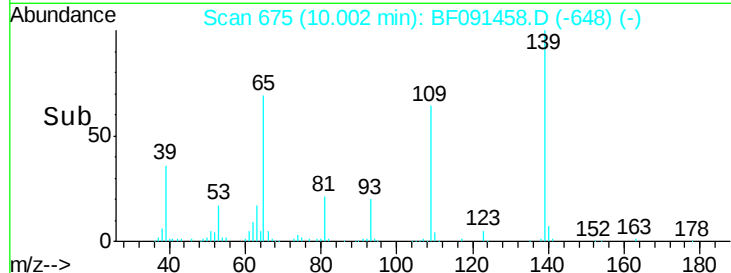
65 69.2 102.2 142.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.68 ng

RT: 10.07 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Tgt Ion:165 Resp: 289877

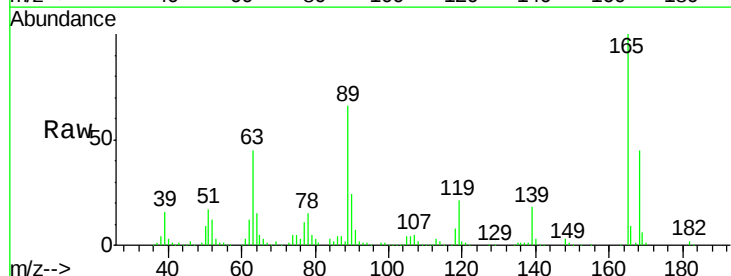
Ion Ratio Lower Upper

165 100

63 45.2 29.0 43.4#

89 66.0 43.1 64.7#

182 2.4 1.9 2.9

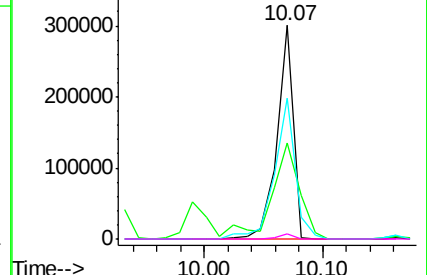
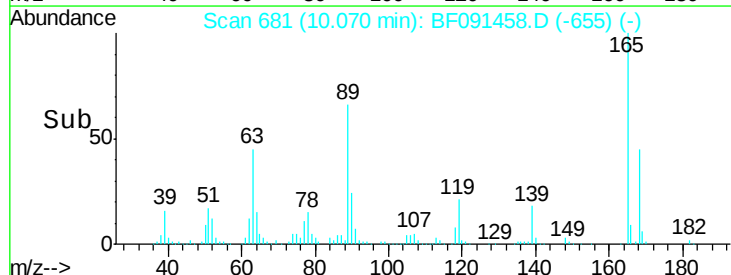


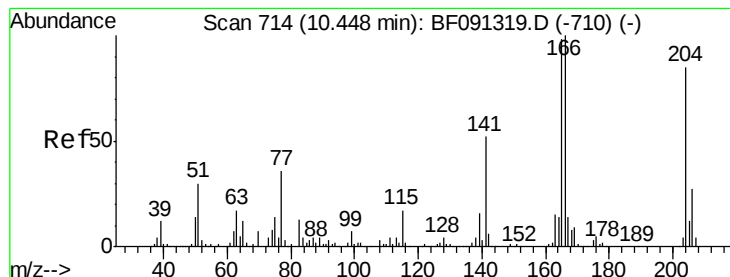
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.59 ng

RT: 10.42 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

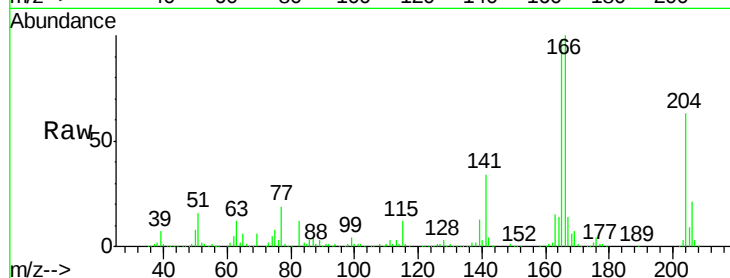
Tgt Ion:166 Resp: 781100

Ion Ratio Lower Upper

166 100

165 97.6 80.0 120.0

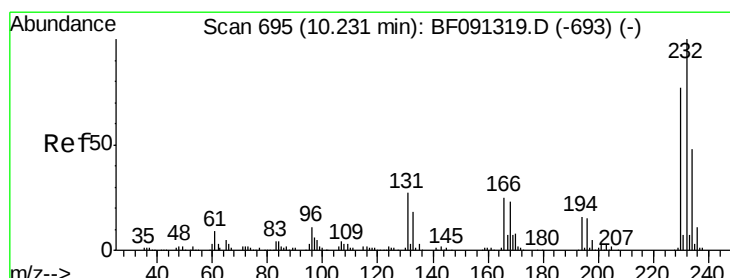
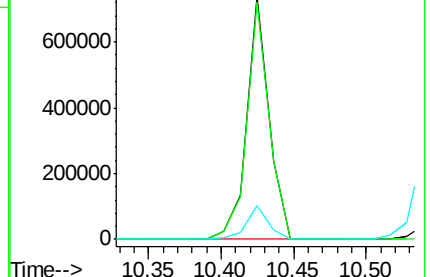
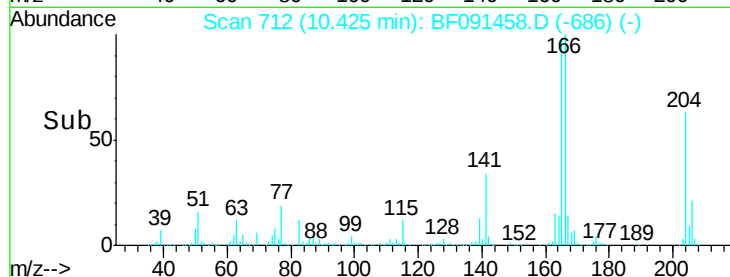
167 14.0 10.8 16.2



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: 38.15 ng

RT: 10.21 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Tgt Ion:232 Resp: 207149

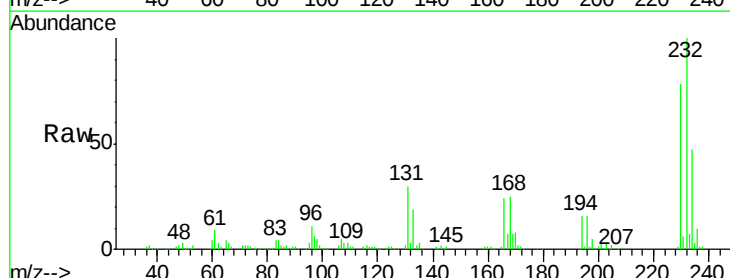
Ion Ratio Lower Upper

232 100

131 43.2 38.4 57.6

130 2.1 1.8 2.8

166 31.2 23.9 35.9

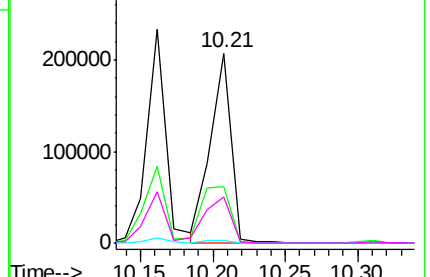
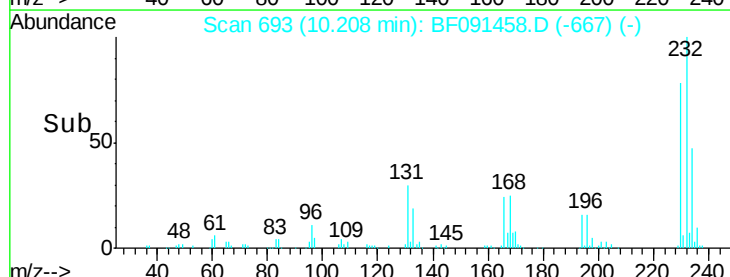


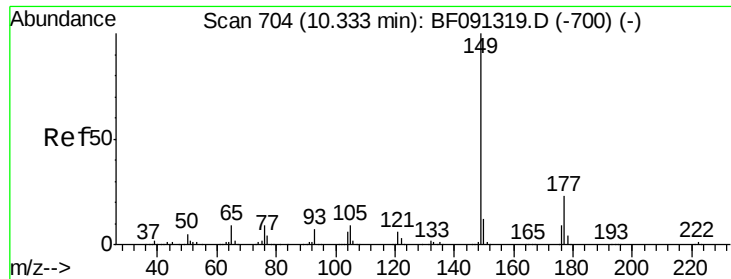
Abundance Ion 232.00 (231.70 to 232.70): E

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

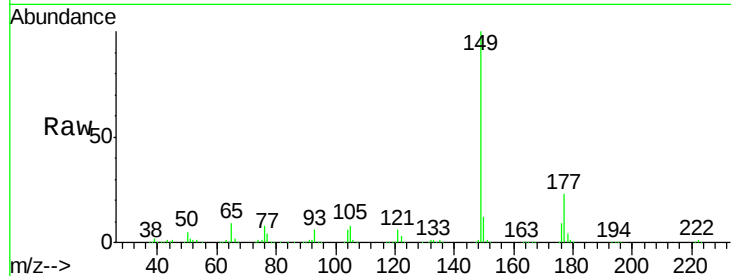




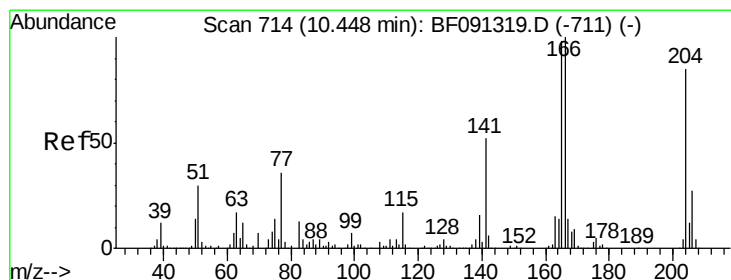
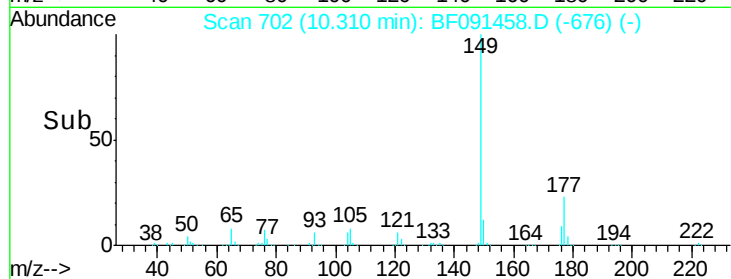
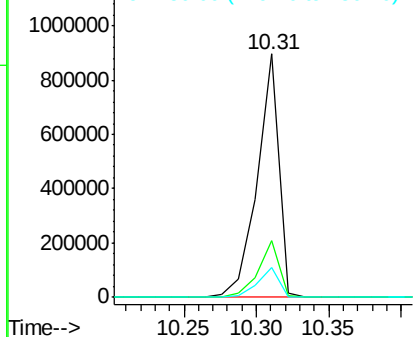
#59
Diethylphthalate
Concen: 44.83 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

Instrument :
BNA_F
ClientSampleId :
PB95080BSD

Tgt Ion:149 Resp: 927933
Ion Ratio Lower Upper
149 100
177 23.3 15.7 23.5
150 12.4 10.2 15.2

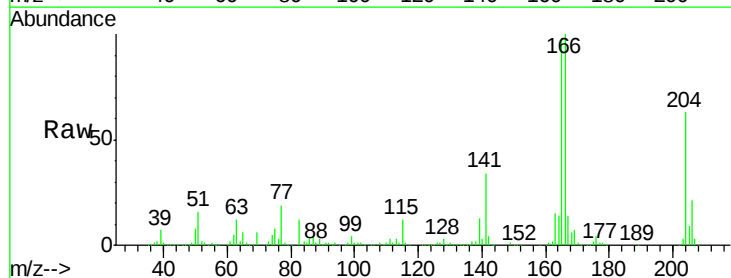


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

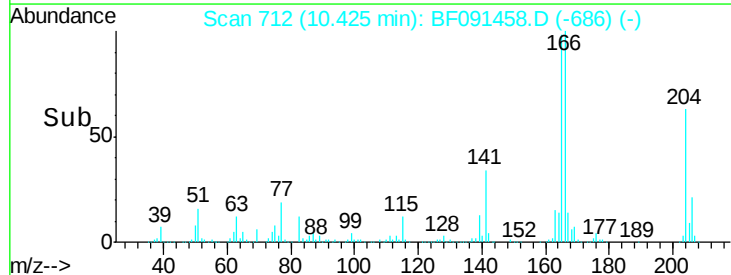
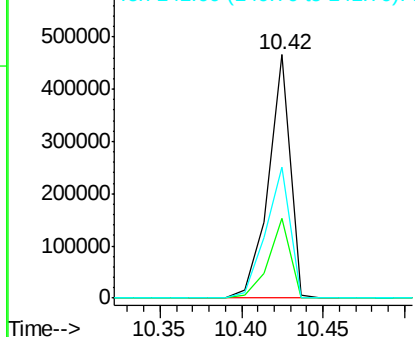


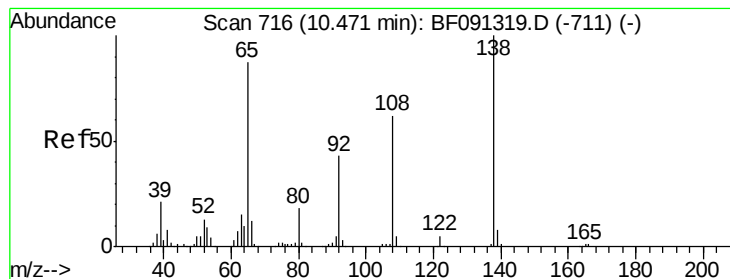
#60
4-Chlorophenyl-phenylether
Concen: 42.82 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

Tgt Ion:204 Resp: 434696
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 53.5 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: 37.16 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

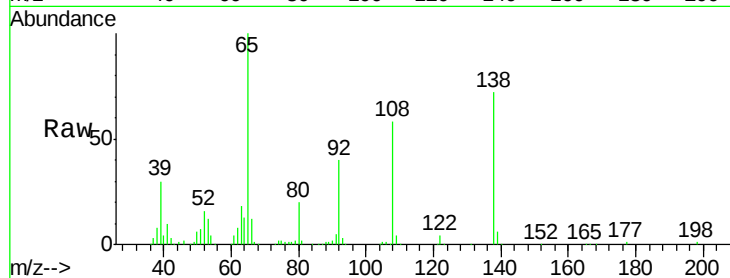
Tgt Ion:138 Resp: 189314

Ion Ratio Lower Upper

138 100

92 56.0 26.9 66.9

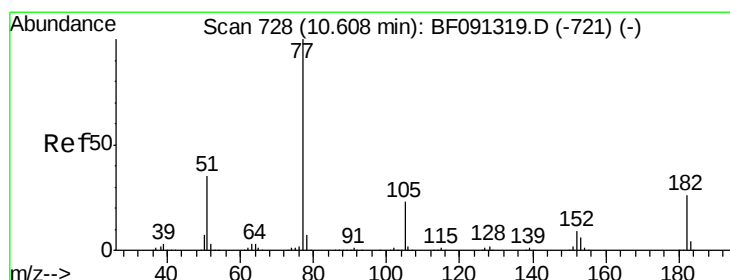
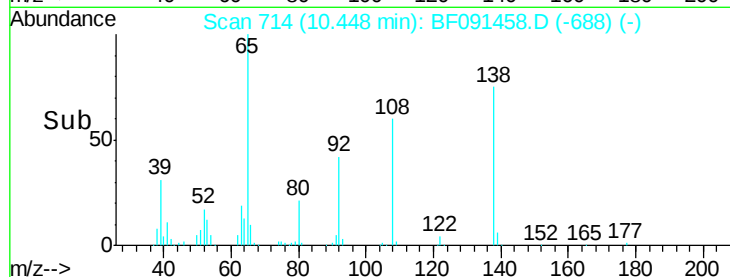
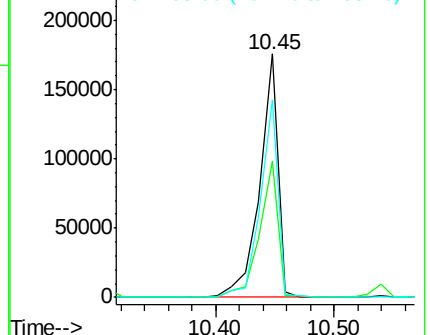
108 81.0 49.1 89.1



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: 45.80 ng

RT: 10.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Tgt Ion: 77 Resp: 967455

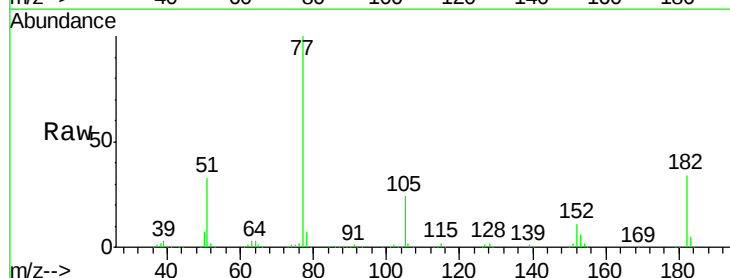
Ion Ratio Lower Upper

77 100

182 34.2 12.5 52.5

105 24.0 3.7 43.7

51 32.9 11.9 51.9

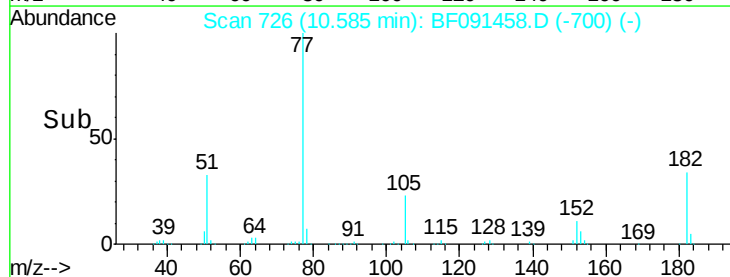
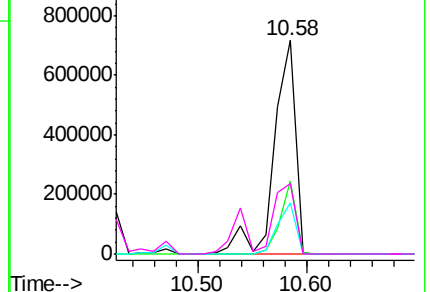


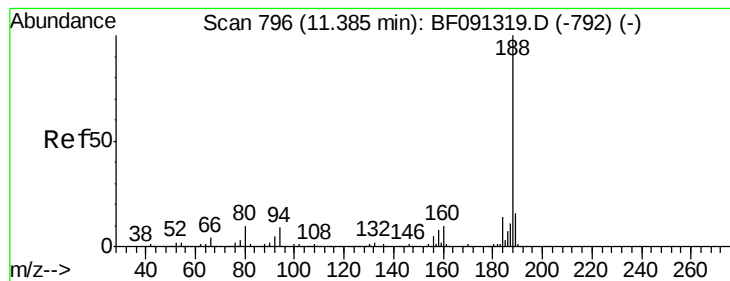
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.36 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

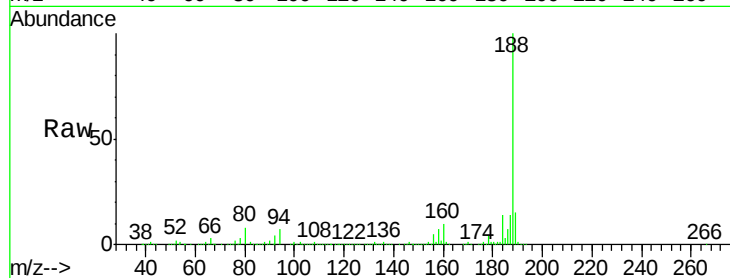
Tgt Ion:188 Resp: 659958

Ion Ratio Lower Upper

188 100

94 7.1 9.2 13.8#

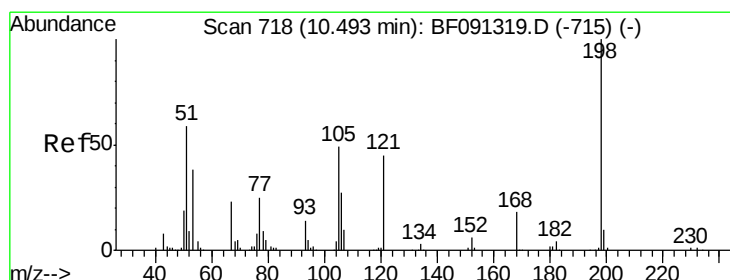
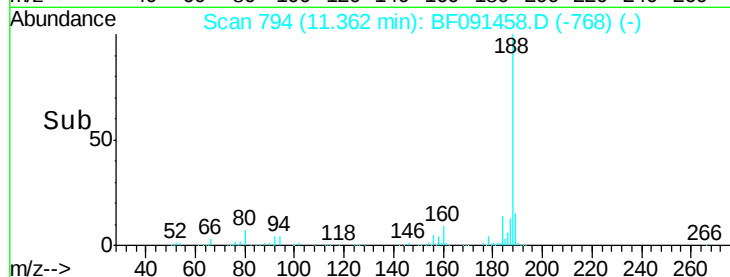
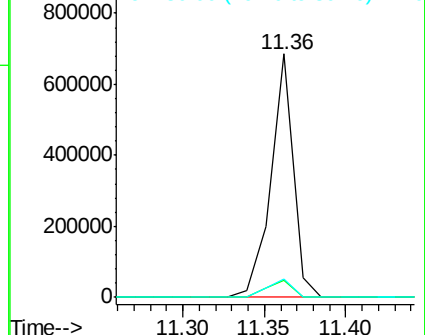
80 7.5 10.5 15.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 14.79 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

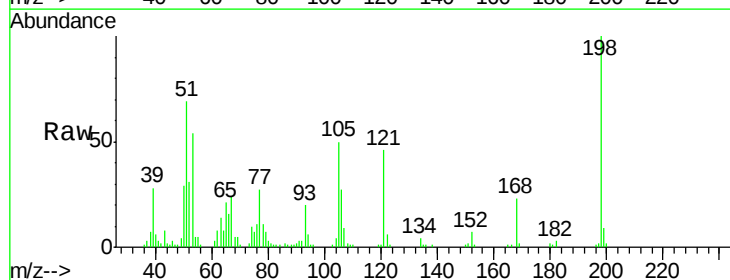
Tgt Ion:198 Resp: 53790

Ion Ratio Lower Upper

198 100

51 68.7 77.1 117.1#

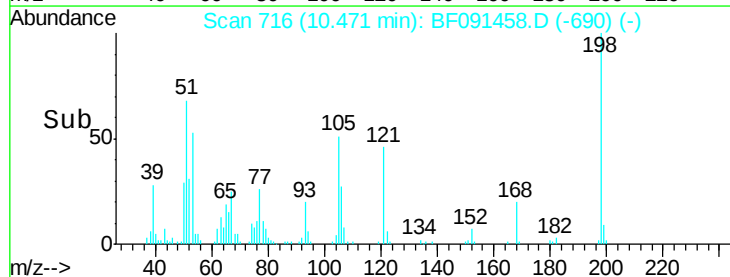
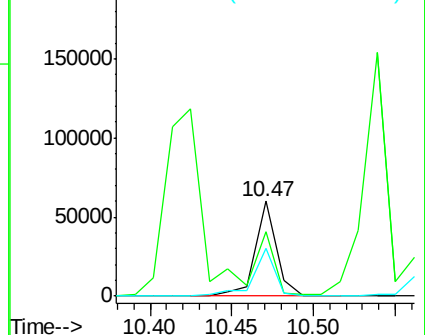
105 50.2 44.8 84.8

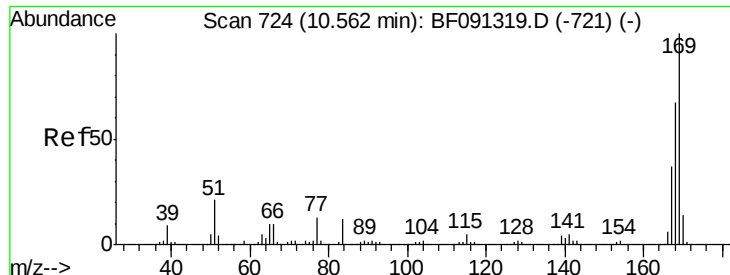


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.09 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

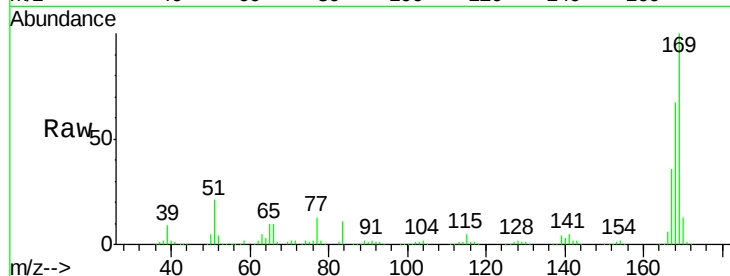
Tgt Ion:169 Resp: 722076

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.8

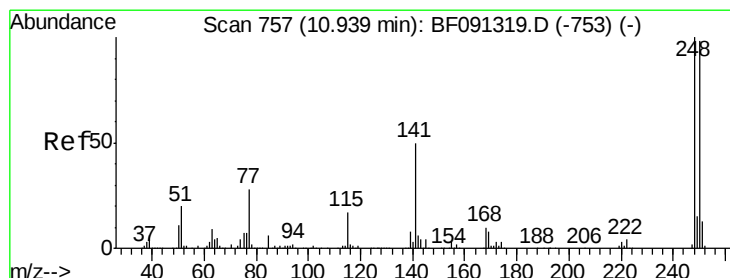
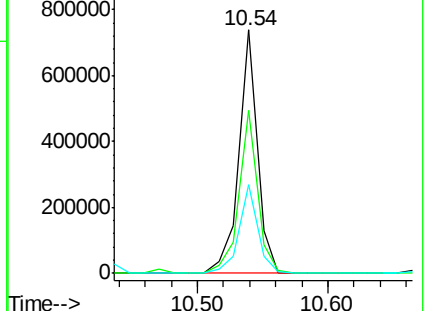
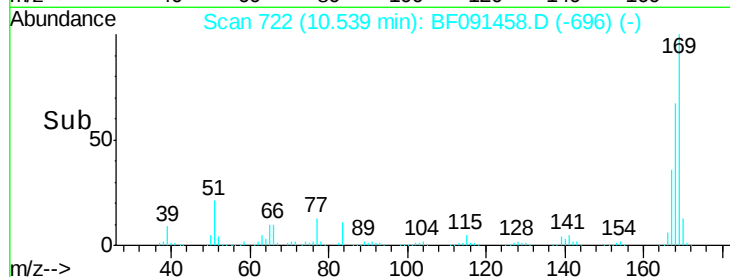
167 36.5 29.8 44.8



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: 37.14 ng

RT: 10.92 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

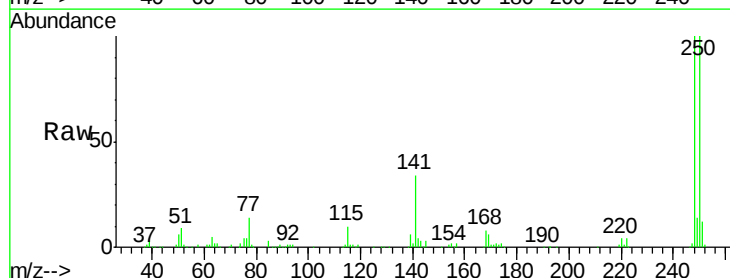
Tgt Ion:248 Resp: 263471

Ion Ratio Lower Upper

248 100

250 100.4 78.2 117.4

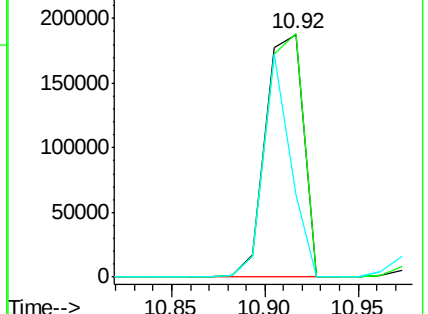
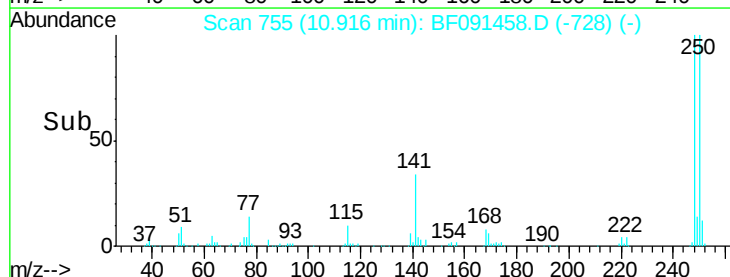
141 34.2 71.9 107.9#

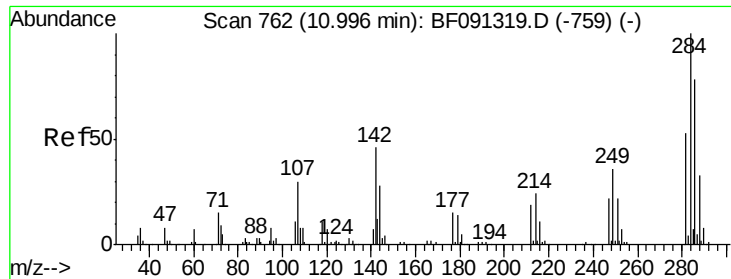


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

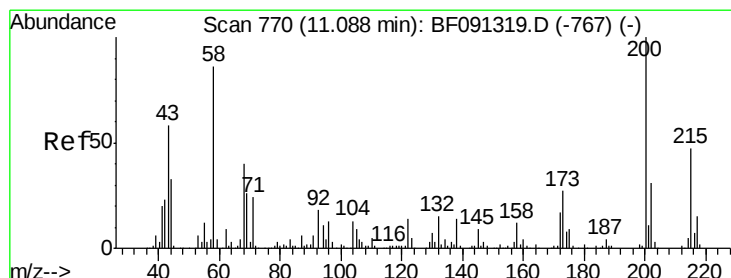
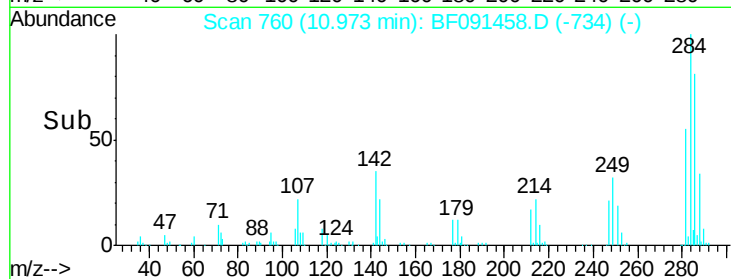
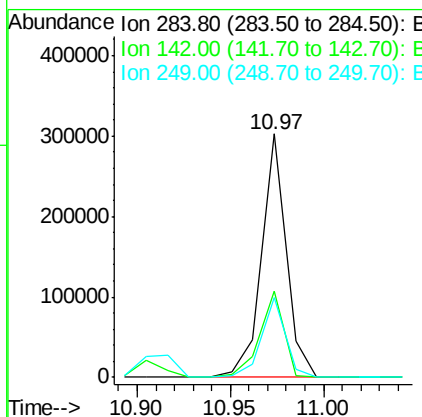
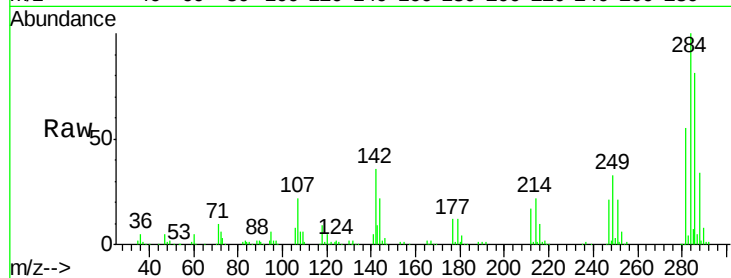




#67
Hexachlorobenzene
Concen: 35.80 ng
RT: 10.97 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

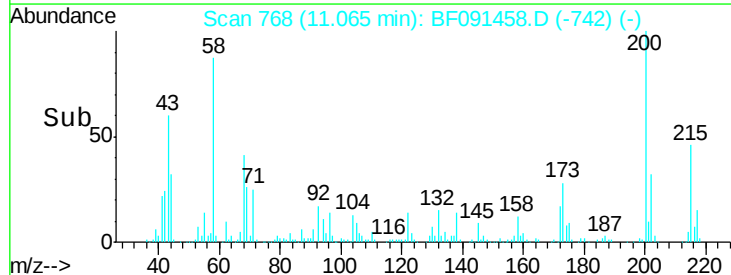
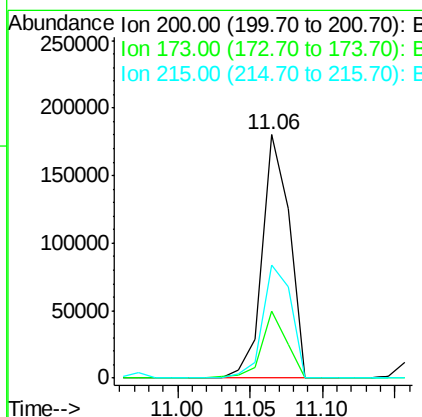
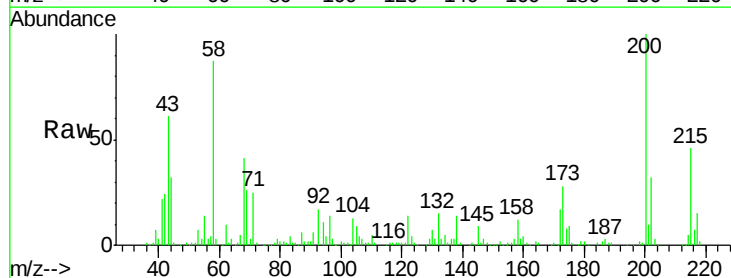
Instrument :
BNA_F
ClientSampleId :
PB95080BSD

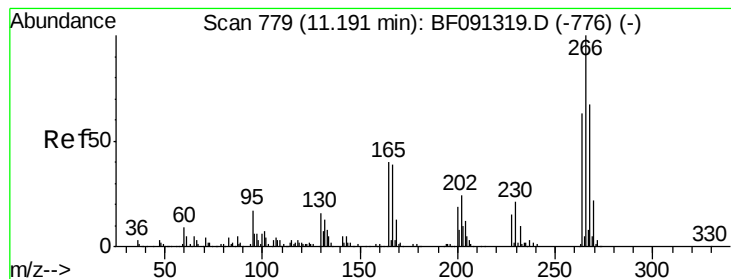
Tgt Ion: 284 Resp: 274417
Ion Ratio Lower Upper
284 100
142 35.6 17.9 26.9#
249 33.0 23.6 35.4



#68
Atrazine
Concen: 36.16 ng
RT: 11.06 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

Tgt Ion: 200 Resp: 234331
Ion Ratio Lower Upper
200 100
173 27.7 7.8 47.8
215 46.3 24.3 64.3





#69

Pentachlorophenol

Concen: 44.21 ng

RT: 11.17 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

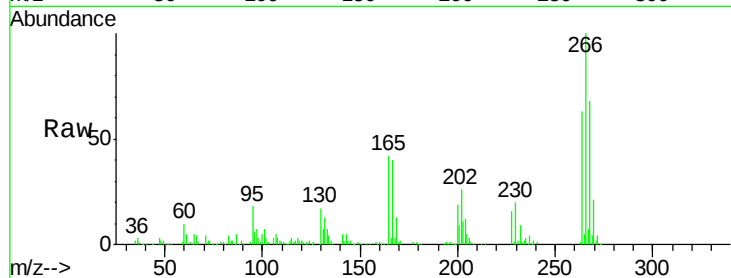
Tgt Ion:266 Resp: 199479

Ion Ratio Lower Upper

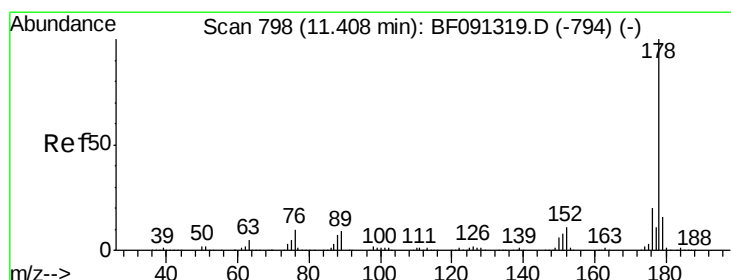
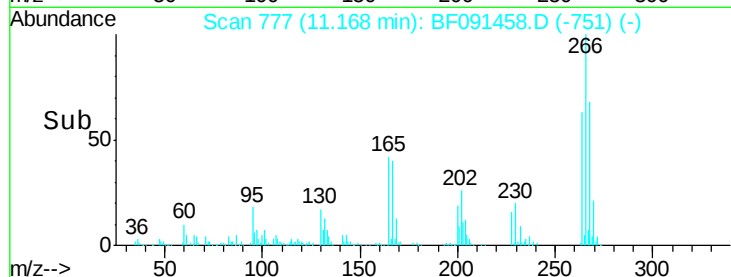
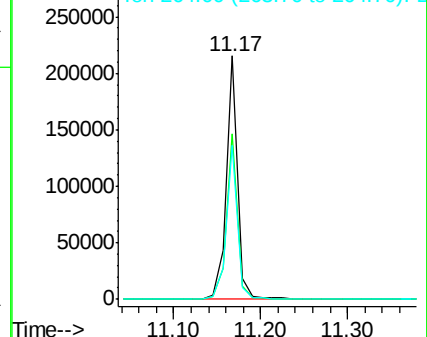
266 100

268 68.1 50.3 75.5

264 63.5 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: 36.07 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

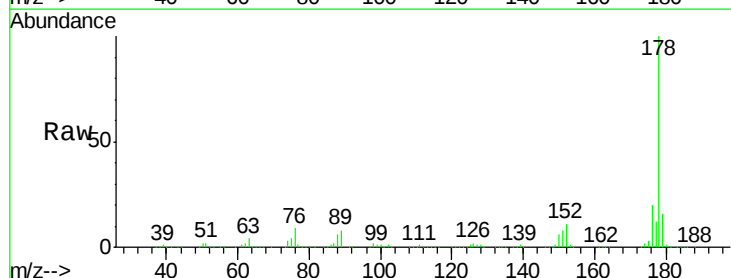
Tgt Ion:178 Resp: 1237002

Ion Ratio Lower Upper

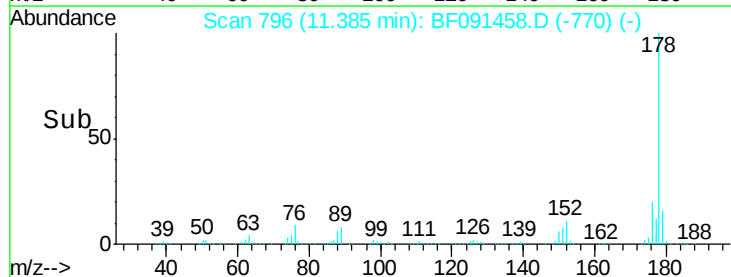
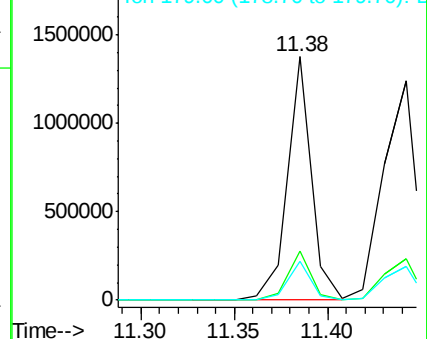
178 100

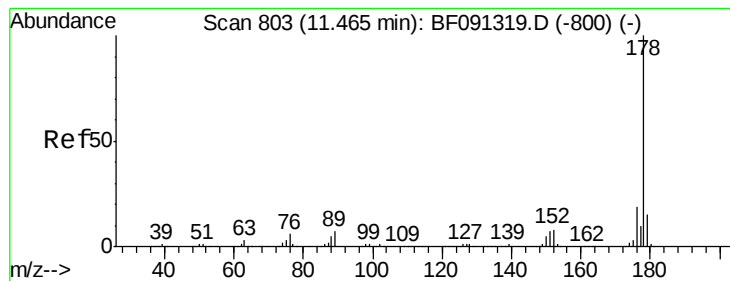
176 20.1 15.9 23.9

179 15.9 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: 41.88 ng

RT: 11.44 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

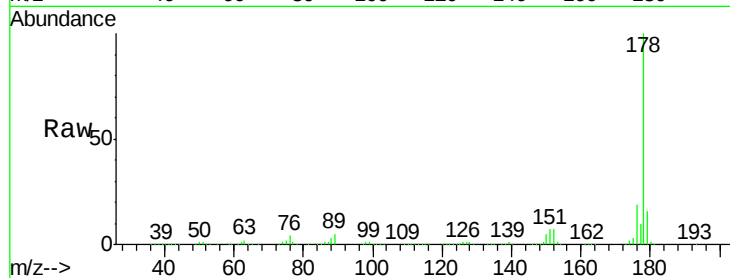
Tgt Ion:178 Resp: 1425443

Ion Ratio Lower Upper

178 100

176 18.9 15.8 23.6

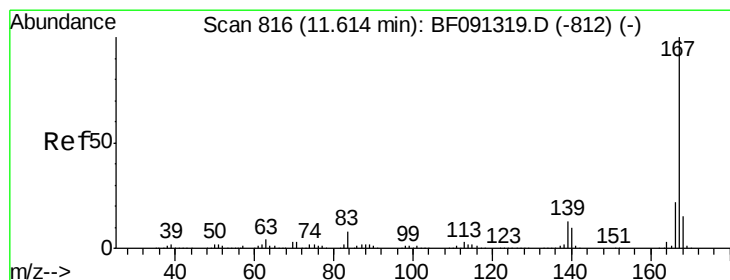
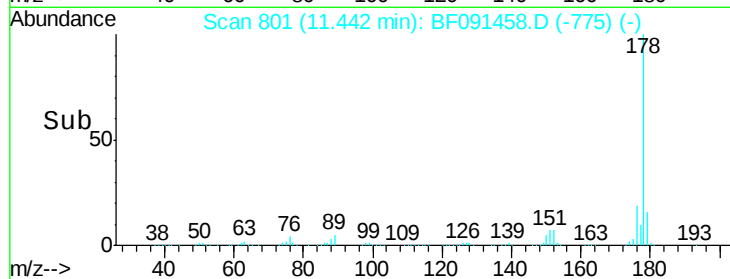
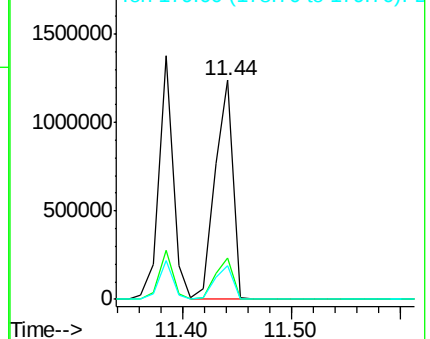
179 15.6 12.7 19.1



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: 36.13 ng

RT: 11.59 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

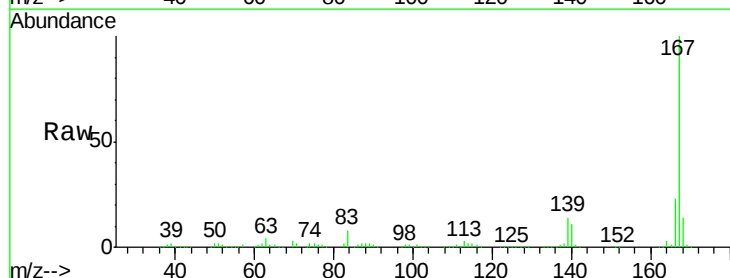
Tgt Ion:167 Resp: 1115697

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

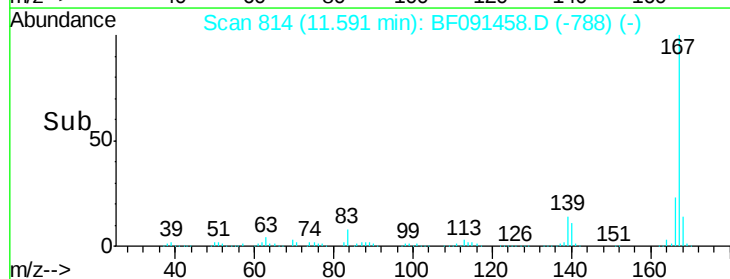
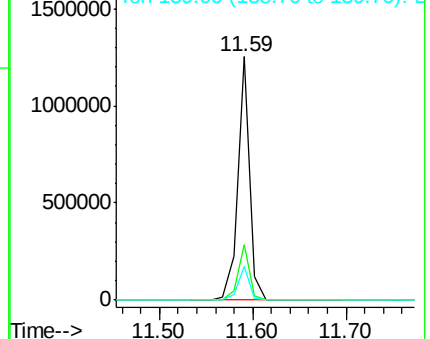
139 13.8 11.5 17.3

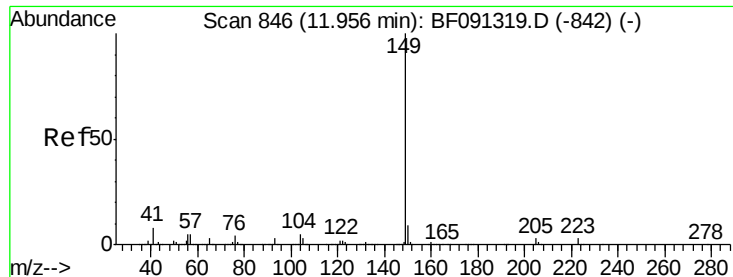


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.13 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

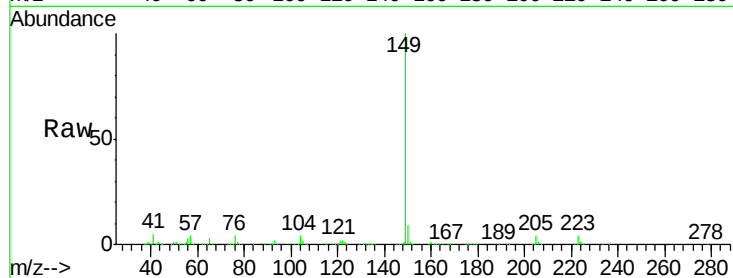
Tgt Ion:149 Resp: 1439592

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

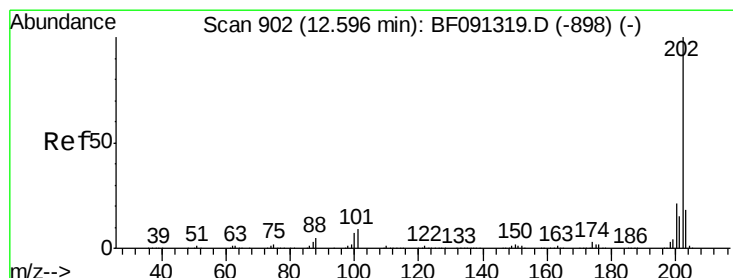
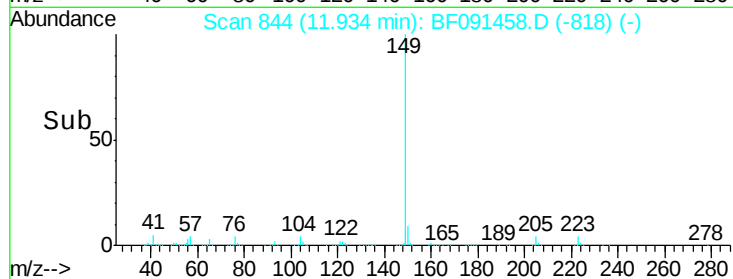
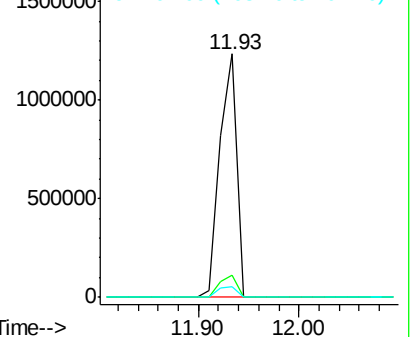
104 4.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.46 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

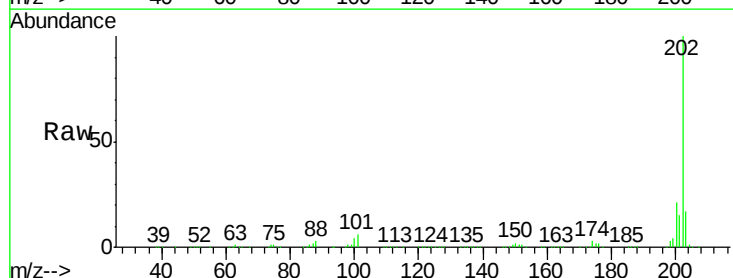
Tgt Ion:202 Resp: 1379313

Ion Ratio Lower Upper

202 100

101 5.8 0.0 29.5

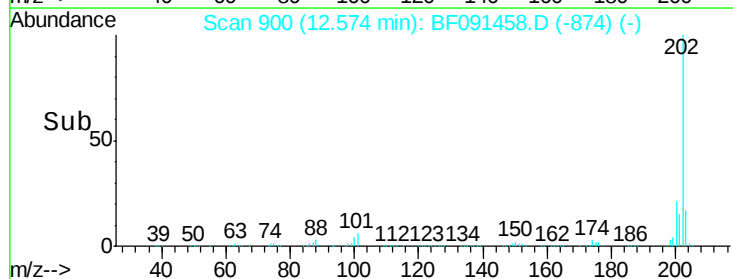
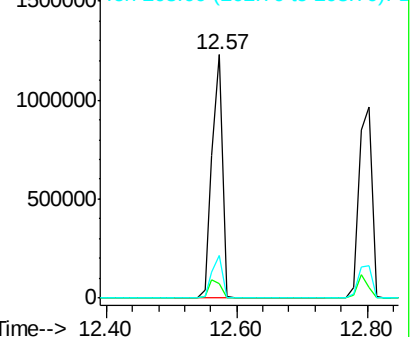
203 17.3 0.0 37.8

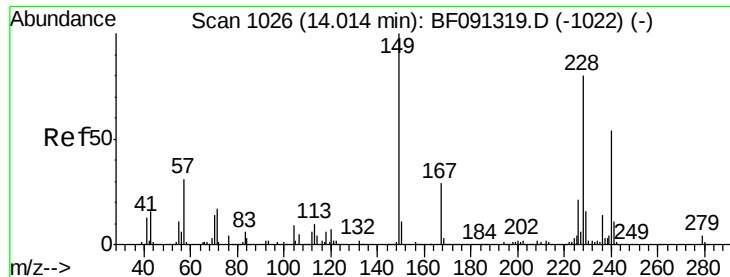


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

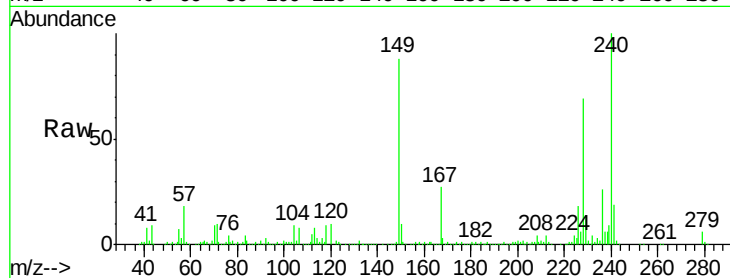
Tgt Ion:240 Resp: 354799

Ion Ratio Lower Upper

240 100

120 10.3 12.1 18.1#

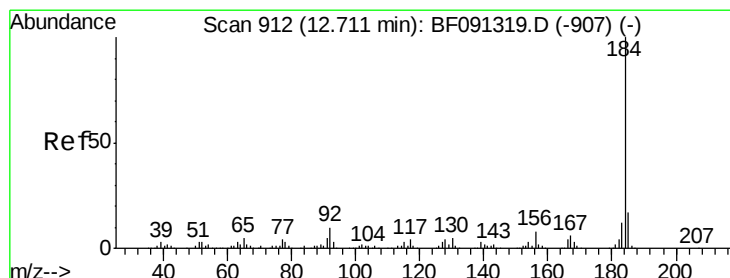
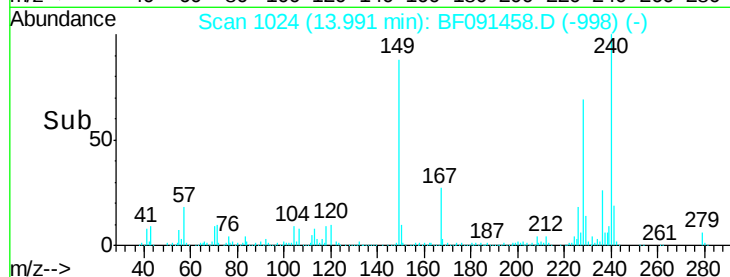
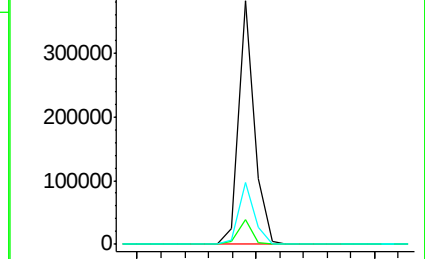
236 25.6 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.83 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

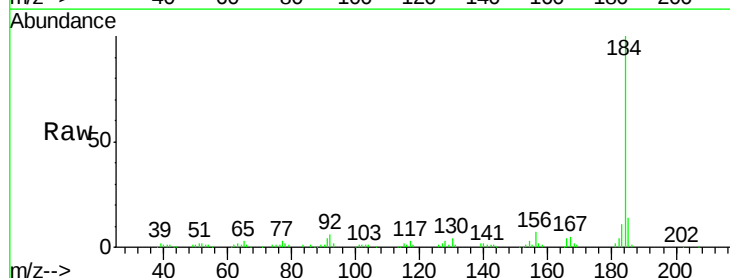
Tgt Ion:184 Resp: 123240

Ion Ratio Lower Upper

184 100

185 14.1 13.1 19.7

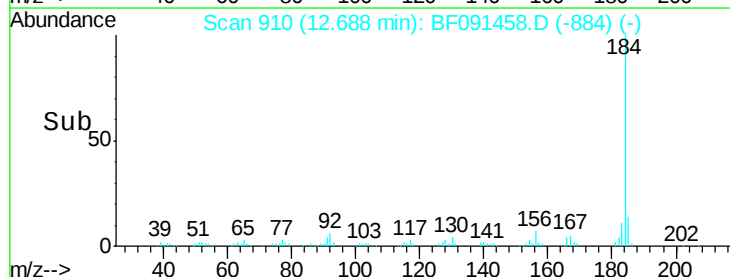
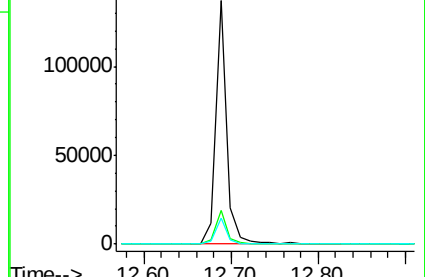
183 10.5 8.9 13.3

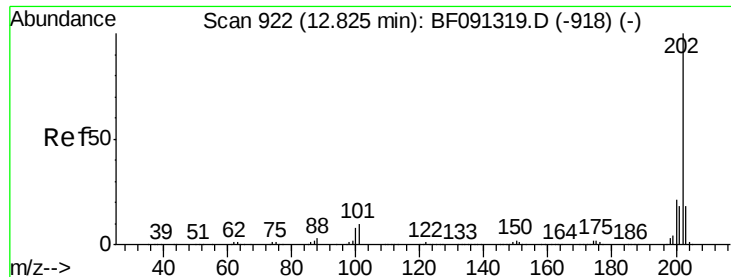


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

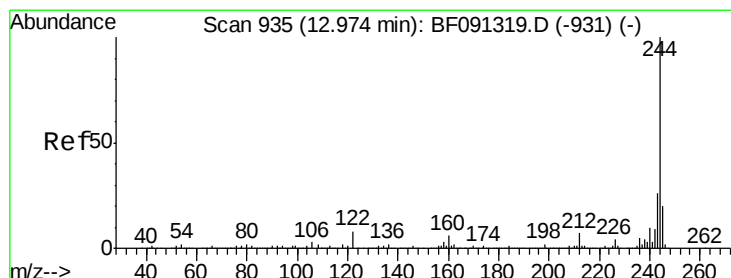
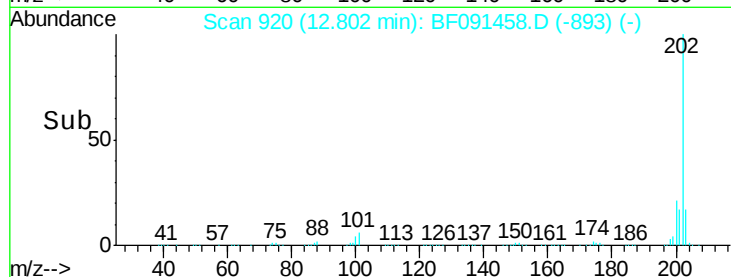
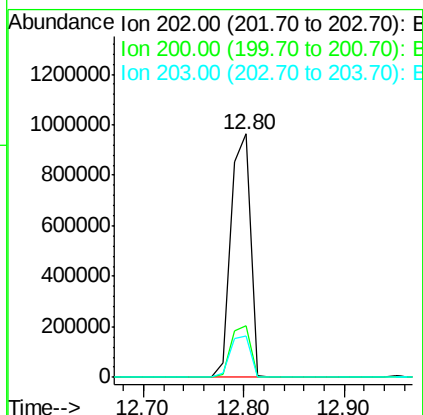
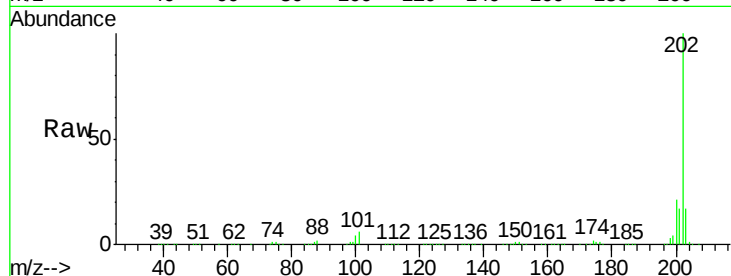




#77
Pyrene
 Concen: 48.09 ng
 RT: 12.80 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

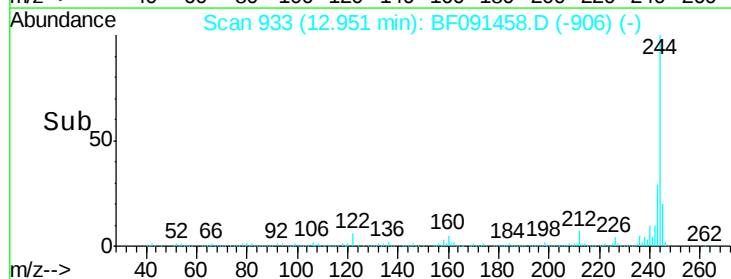
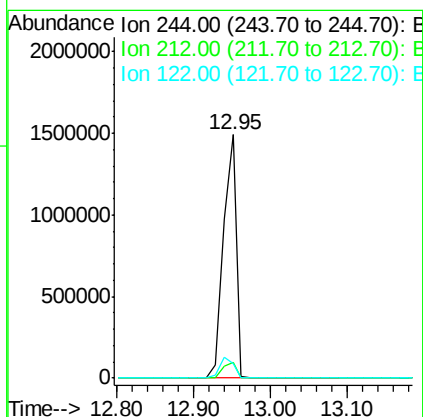
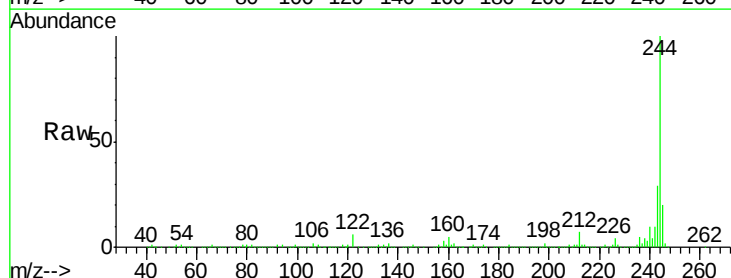
Instrument :
 BNA_F
 ClientSampleId :
 PB95080BSD

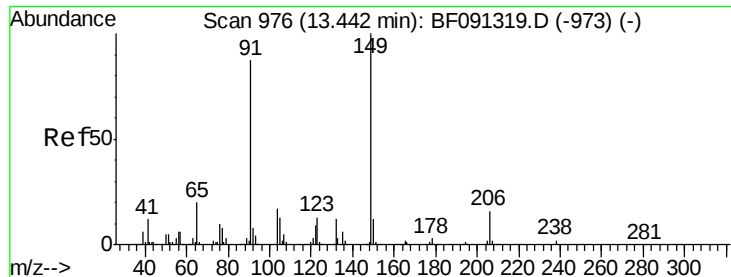
Tgt Ion:202 Resp: 1294961
 Ion Ratio Lower Upper
 202 100
 200 21.2 17.6 26.4
 203 17.0 14.0 21.0



#78
Terphenyl-d14
 Concen: 108.10 ng
 RT: 12.95 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

Tgt Ion:244 Resp: 1764579
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.5 9.7
 122 5.8 9.5 14.3#

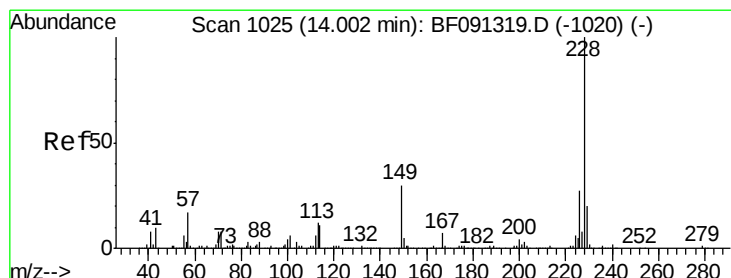
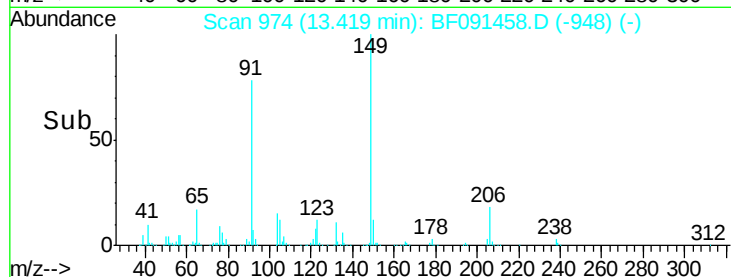
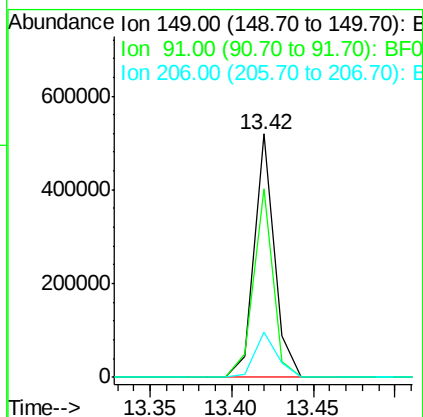
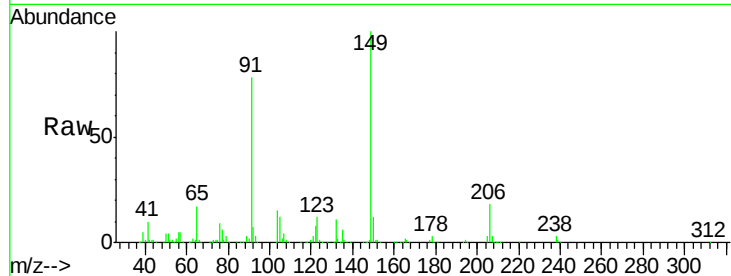




#79
Butylbenzylphthalate
Concen: 44.61 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

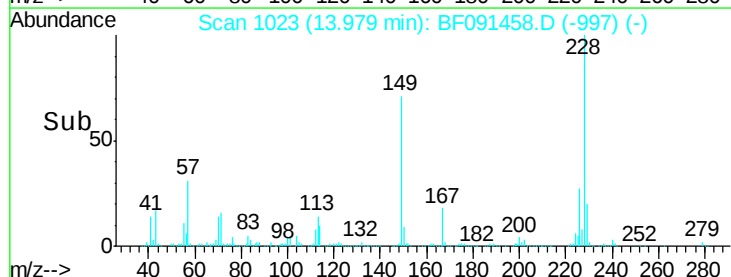
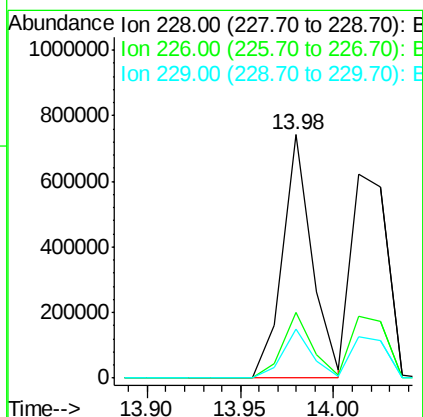
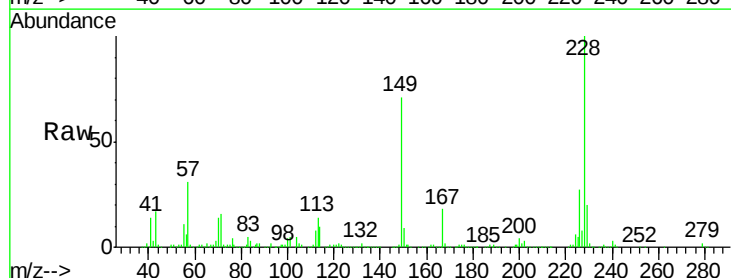
Instrument :
BNA_F
ClientSampleId :
PB95080BSD

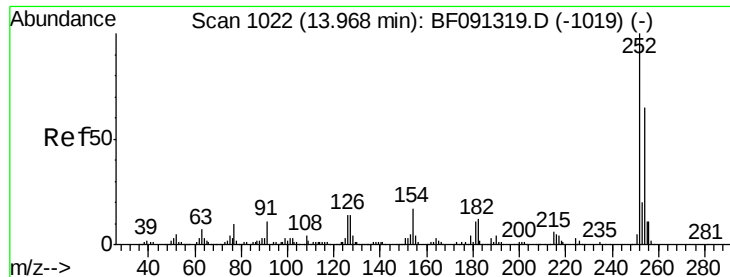
Tgt Ion:149 Resp: 449738
Ion Ratio Lower Upper
149 100
91 77.7 57.4 86.2
206 18.4 15.4 23.2



#80
Benzo(a)anthracene
Concen: 39.61 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF091458.D
Acq: 6 Dec 2016 15:02

Tgt Ion:228 Resp: 821939
Ion Ratio Lower Upper
228 100
226 27.2 22.5 33.7
229 20.2 16.4 24.6

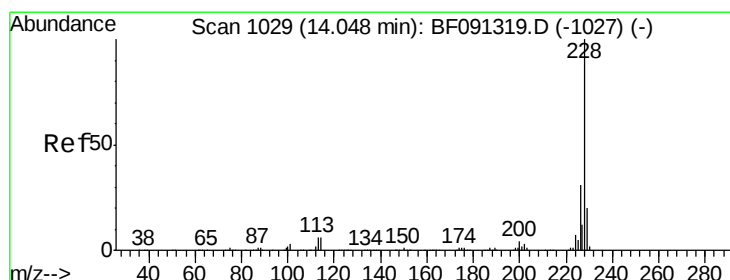
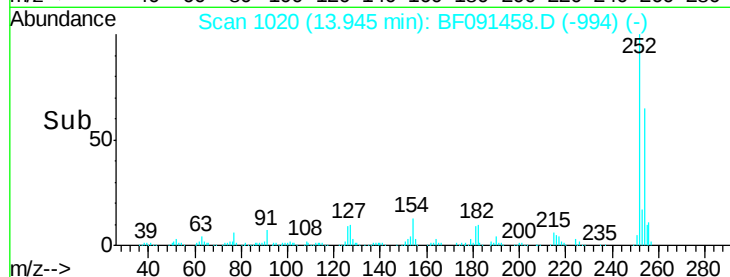
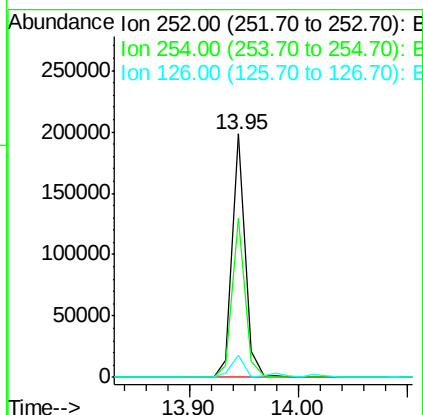
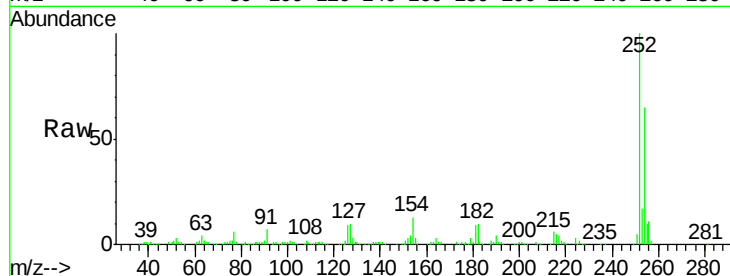




#81
 3,3'-Dichlorobenzidine
 Concen: 22.37 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

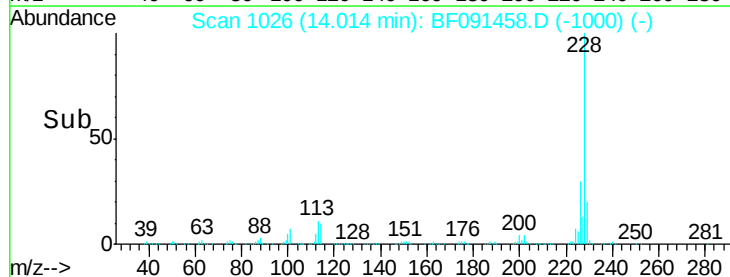
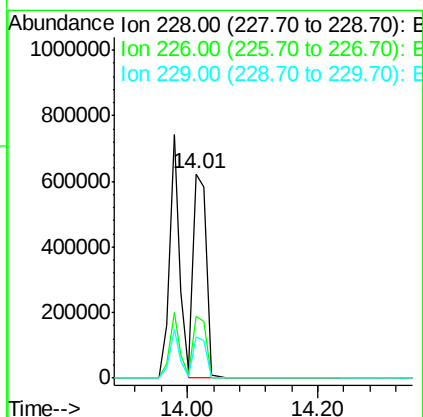
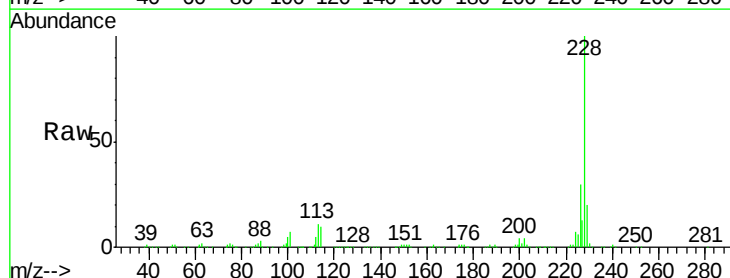
Instrument :
 BNA_F
 ClientSampleId :
 PB95080BSD

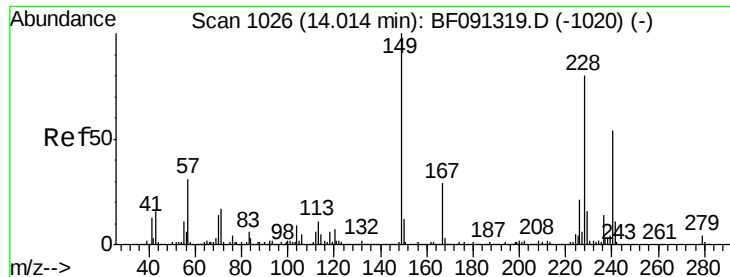
Tgt Ion:252 Resp: 163482
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.1 78.1
 126 9.2 7.5 11.3



#82
 Chrysene
 Concen: 41.23 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

Tgt Ion:228 Resp: 846437
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.4
 229 20.2 16.0 24.0

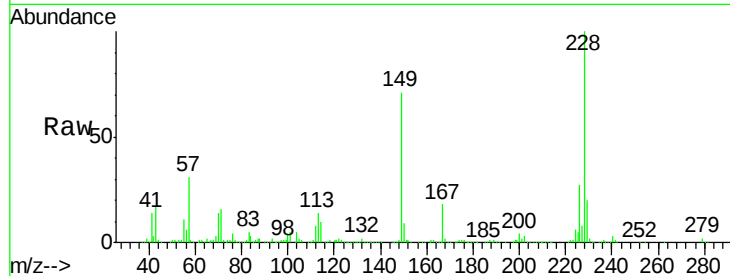




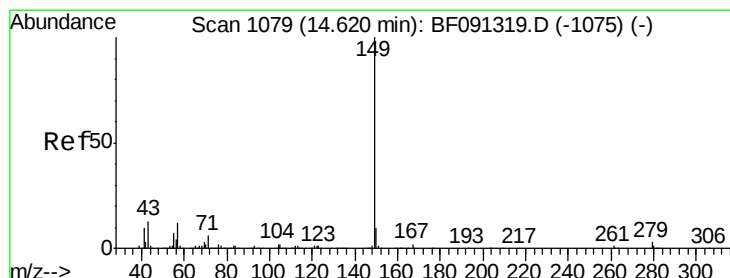
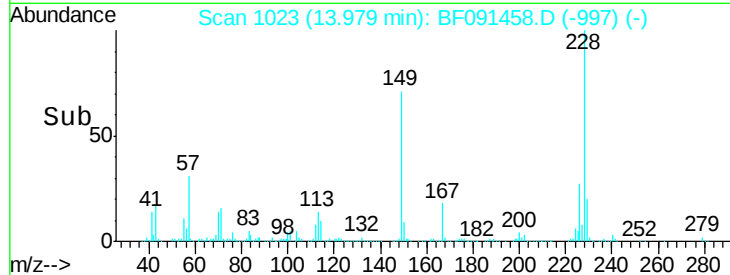
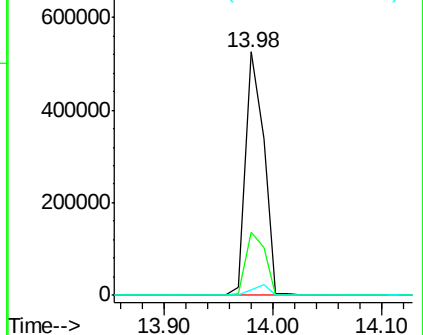
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.87 ng
 RT: 13.98 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BSD

Tgt Ion:149 Resp: 611797
 Ion Ratio Lower Upper
 149 100
 167 25.7 19.6 29.4
 279 2.3 1.9 2.9

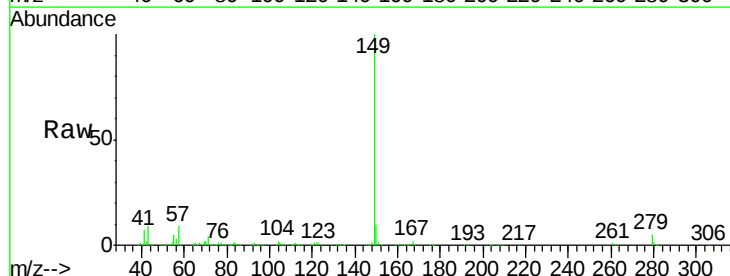


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

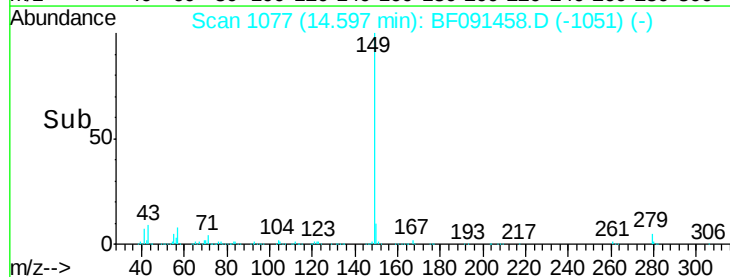
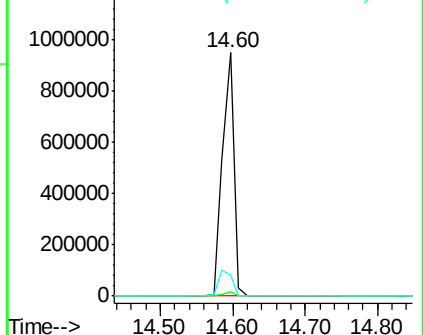


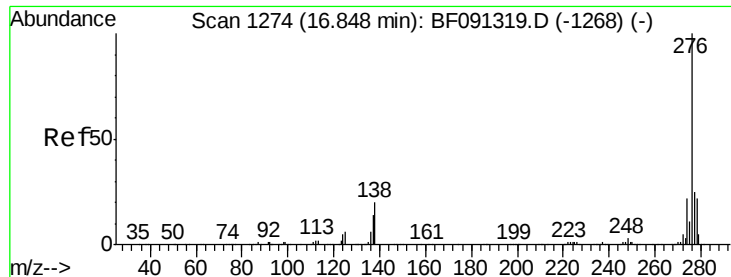
#84
 Di-n-octyl phthalate
 Concen: 54.35 ng
 RT: 14.60 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

Tgt Ion:149 Resp: 1051007
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 12.6 11.9 17.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

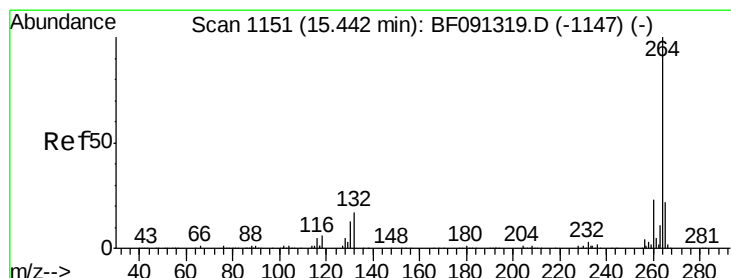
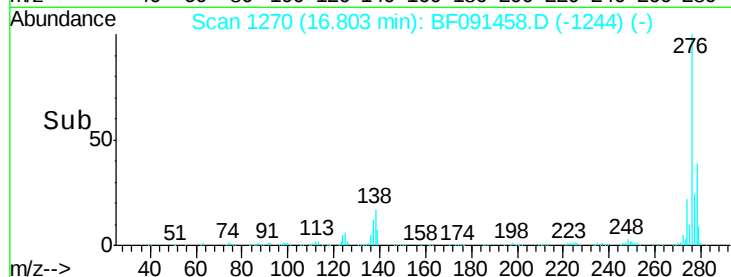
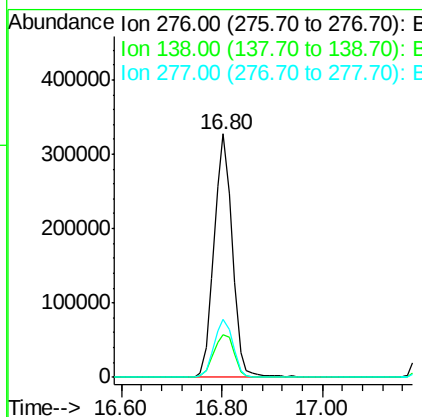
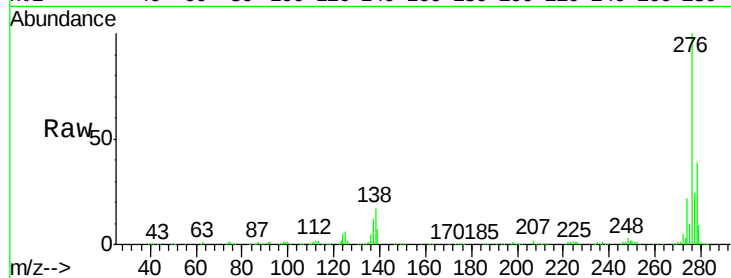




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.12 ng
 RT: 16.80 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

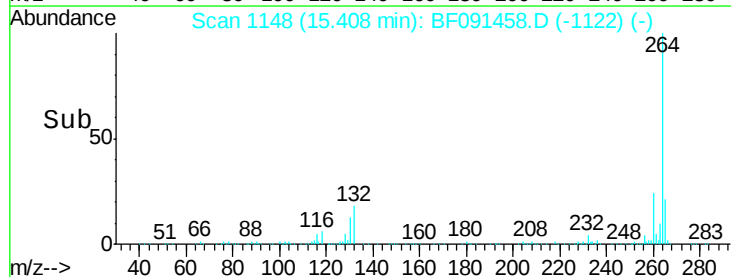
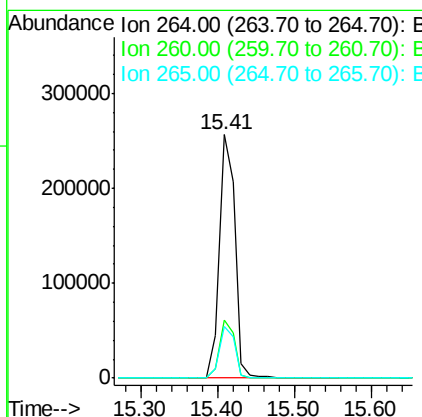
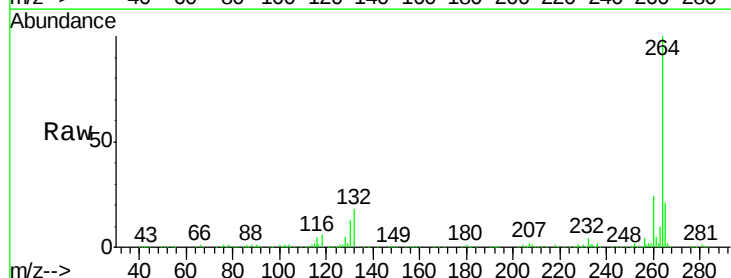
Instrument :
 BNA_F
 ClientSampleId :
 PB95080BSD

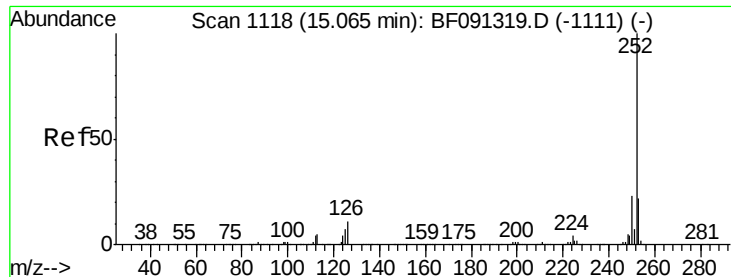
Tgt Ion: 276 Resp: 829474
 Ion Ratio Lower Upper
 276 100
 138 19.9 21.0 31.4#
 277 24.7 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

Tgt Ion: 264 Resp: 365108
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.4 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 41.73 ng

RT: 15.01 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

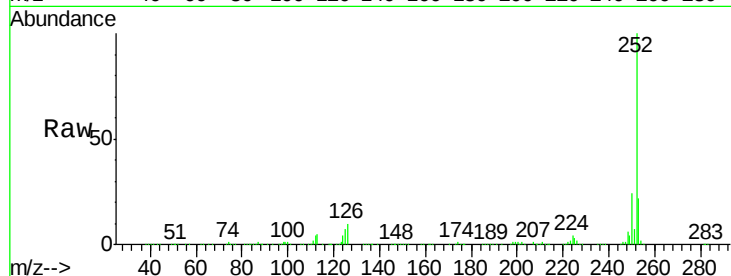
Tgt Ion:252 Resp: 946931

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

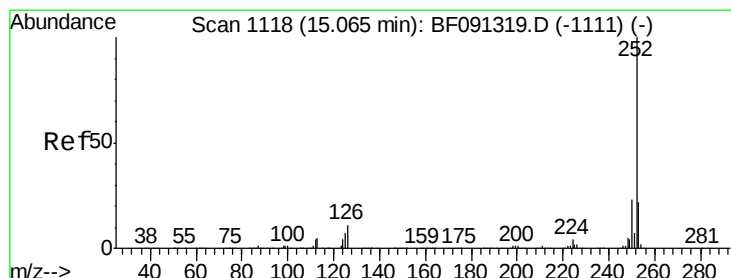
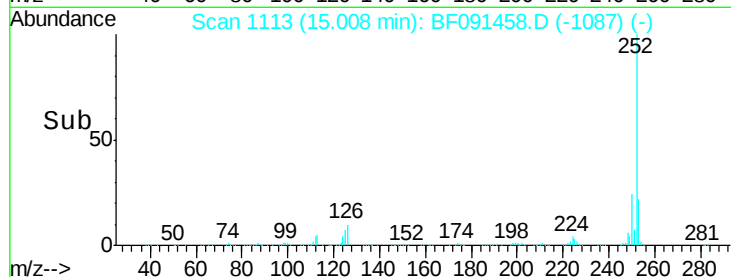
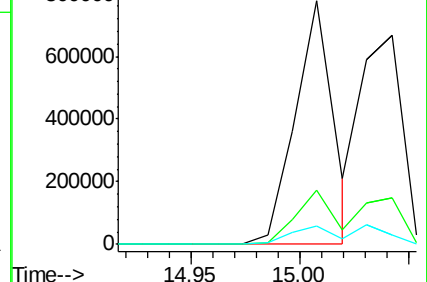
125 7.5 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.11 ng m

RT: 15.04 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

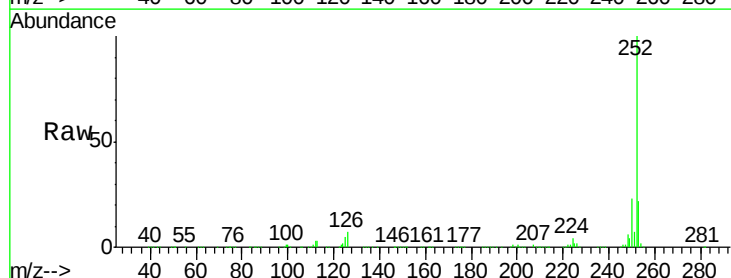
Tgt Ion:252 Resp: 898950

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

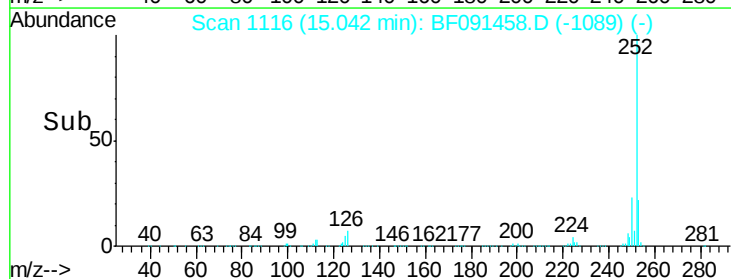
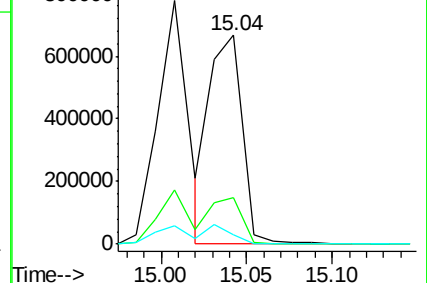
125 4.7 9.6 14.4#

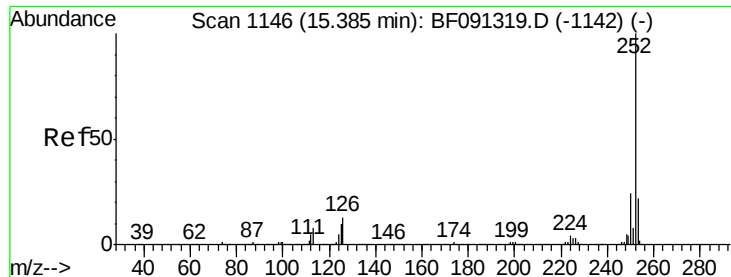


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.41 ng

RT: 15.35 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

Instrument :

BNA_F

ClientSampleId :

PB95080BSD

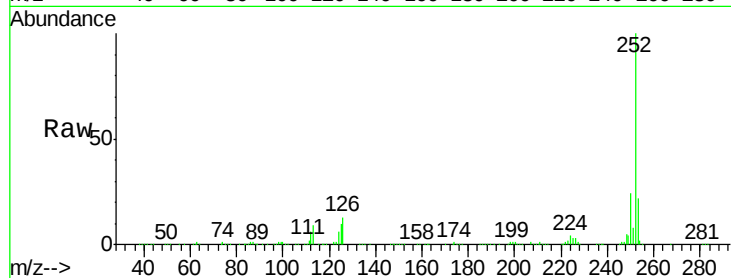
Tgt Ion:252 Resp: 884755

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

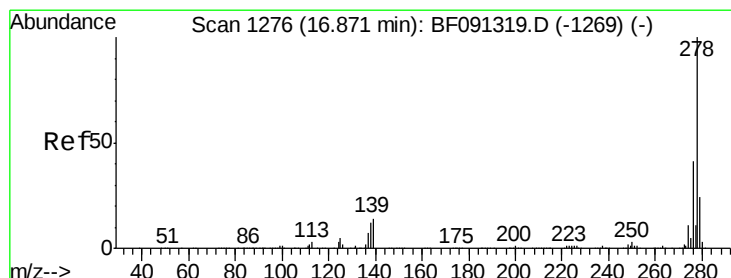
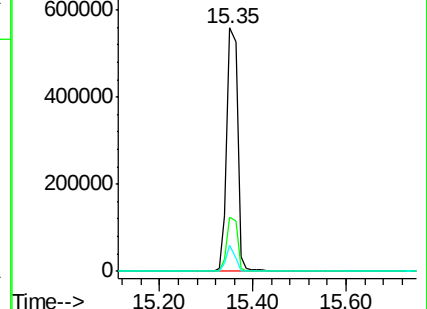
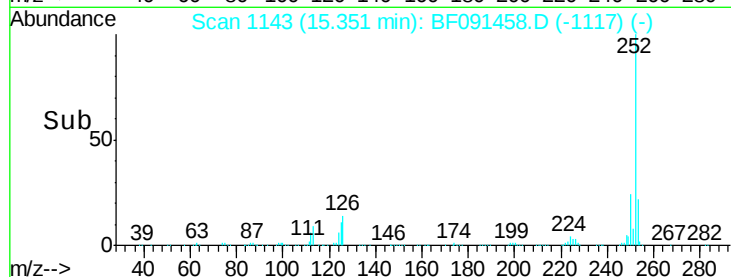
125 10.5 10.4 15.6



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: 37.17 ng

RT: 16.83 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF091458.D

Acq: 6 Dec 2016 15:02

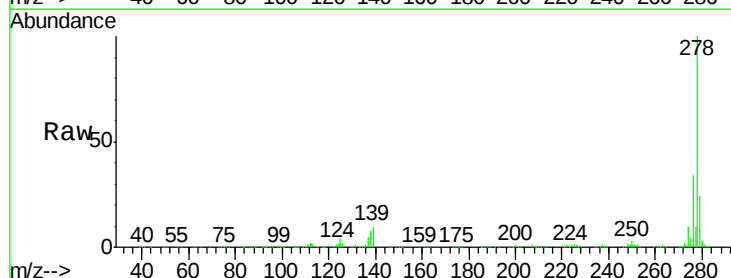
Tgt Ion:278 Resp: 700663

Ion Ratio Lower Upper

278 100

139 10.2 15.1 22.7#

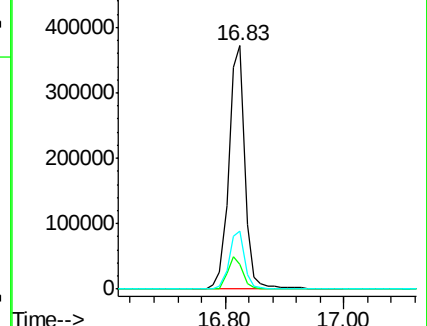
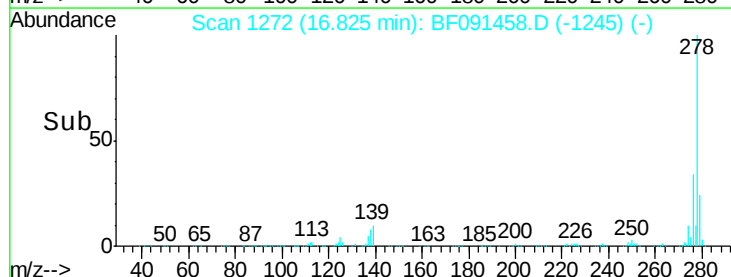
279 23.6 19.0 28.6

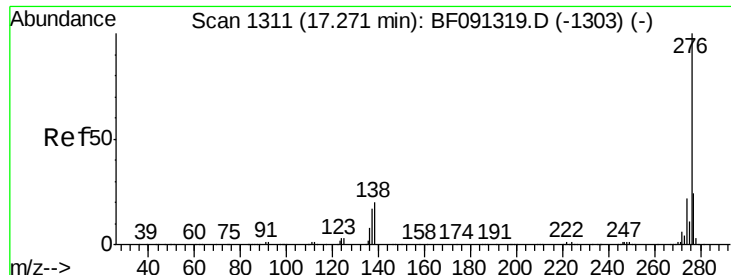


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 34.59 ng
 RT: 17.23 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF091458.D
 Acq: 6 Dec 2016 15:02

Instrument :
 BNA_F
 ClientSampleId :
 PB95080BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.0	28.4
138	13.6	15.4	23.0

