

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
 Data File : BF091784.D
 Acq On : 19 Dec 2016 20:25
 Operator : UM/SJ
 Sample : PB95441BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

Quant Time: Dec 19 23:58:12 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	257597	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	1019583	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	544349	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	848645	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	550381	20.00	ng	-0.01
86) Perylene-d12	15.31	264	545783	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1955967	127.21	ng	0.01
7) Phenol-d6	6.41	99	2287903	122.01	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1624096	91.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	510371	110.57	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2442787	90.16	ng	-0.01
78) Terphenyl-d14	12.87	244	2078942	95.37	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	330940	43.71	ng	97
3) Pyridine	3.09	79	872402	35.76	ng	96
4) n-Nitrosodimethylamine	3.06	42	393273	41.66	ng	99
6) Aniline	6.42	93	247769	10.27	ng	# 1
8) 2-Chlorophenol	6.54	128	667610	39.45	ng	98
9) Benzaldehyde	6.30	77	101509	6.75	ng	94
10) Phenol	6.42	94	688408	32.57	ng	88
11) bis(2-Chloroethyl)ether	6.50	93	634824	37.61	ng	98
12) 1,3-Dichlorobenzene	6.69	146	716509	38.55	ng	# 89
13) 1,4-Dichlorobenzene	6.77	146	706933	37.59	ng	100
14) 1,2-Dichlorobenzene	6.93	146	702935	42.67	ng	98
15) Benzyl Alcohol	6.91	79	582303	40.11	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	983638	38.13	ng	100
17) 2-Methylphenol	7.04	107	570385	40.33	ng	97
18) Hexachloroethane	7.28	117	277336	39.69	ng	95
19) n-Nitroso-di-n-propylamine	7.18	70	495794	39.75	ng	96
20) 3+4-Methylphenols	7.18	107	705462	44.72	ng	# 83
22) Acetophenone	7.17	105	959137	38.96	ng	97
24) Nitrobenzene	7.34	77	712925	37.55	ng	97
25) Isophorone	7.58	82	1376637	40.81	ng	95
26) 2-Nitrophenol	7.66	139	389365	42.51	ng	95
27) 2,4-Dimethylphenol	7.71	122	625976	41.89	ng	100
28) bis(2-Chloroethoxy)methane	7.80	93	855583	43.35	ng	99
29) 2,4-Dichlorophenol	7.90	162	553638	40.18	ng	87
30) 1,2,4-Trichlorobenzene	7.98	180	582075	38.98	ng	# 95
31) Naphthalene	8.06	128	1839069	37.75	ng	100
32) Benzoic acid	7.85	122	373403	35.07	ng	95
33) 4-Chloroaniline	8.12	127	108810	5.30	ng	95
34) Hexachlorobutadiene	8.19	225	334348	39.82	ng	99
35) Caprolactam	8.50	113	136518	30.79	ng	96
36) 4-Chloro-3-methylphenol	8.61	107	594274	39.09	ng	99
37) 2-Methylnaphthalene	8.76	142	1337429	43.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	528727	38.97	ng	99
40) Hexachlorocyclopentadiene	8.91	237	464397	80.75	ng	96

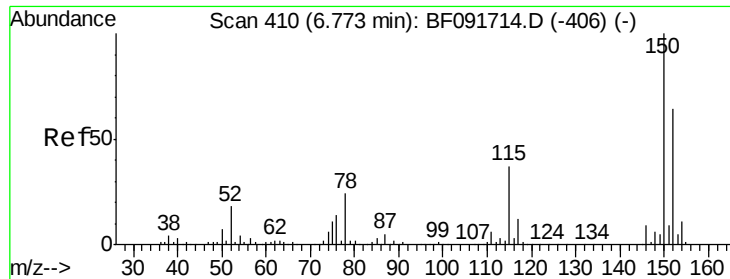
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	395733	40.82	ng	99
43) 2,4,5-Trichlorophenol	9.09	196	391989	41.16	ng	# 85
45) 1,1'-Biphenyl	9.23	154	1546142	39.63	ng	97
46) 2-Chloronaphthalene	9.25	162	1177649	40.39	ng	95
47) 2-Nitroaniline	9.34	65	372490	37.42	ng	97
48) Acenaphthylene	9.66	152	1901396	42.09	ng	99
49) Dimethylphthalate	9.53	163	1323114	37.21	ng	99
50) 2,6-Dinitrotoluene	9.58	165	306268	39.28	ng	# 64
51) Acenaphthene	9.84	154	1245688	40.17	ng	99
52) 3-Nitroaniline	9.76	138	76142	7.84	ng	80
53) 2,4-Dinitrophenol	9.87	184	295033	70.05	ng	96
54) Dibenzofuran	10.01	168	1684315	45.68	ng	97
55) 4-Nitrophenol	9.94	139	561108	83.24	ng	# 80
56) 2,4-Dinitrotoluene	10.00	165	435392	44.71	ng	96
57) Fluorene	10.35	166	1262472	44.08	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	305737	38.83	ng	99
59) Diethylphthalate	10.22	149	1314731	37.61	ng	99
60) 4-Chlorophenyl-phenylether	10.34	204	511829	39.24	ng	97
61) 4-Nitroaniline	10.37	138	334582	36.38	ng	93
62) Azobenzene	10.50	77	1508894	40.57	ng	98
64) 4,6-Dinitro-2-methylphenol	10.41	198	196587	35.12	ng	81
65) n-Nitrosodiphenylamine	10.46	169	1169898	44.39	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	384831	43.24	ng	# 88
67) Hexachlorobenzene	10.90	284	386972	41.50	ng	# 85
68) Atrazine	10.99	200	327753	41.16	ng	97
69) Pentachlorophenol	11.09	266	409254	81.33	ng	99
70) Phenanthrene	11.30	178	1740676	41.05	ng	98
71) Anthracene	11.36	178	1911129	42.55	ng	99
72) Carbazole	11.52	167	1772158	45.12	ng	97
73) Di-n-butylphthalate	11.85	149	1981452	39.35	ng	99
74) Fluoranthene	12.49	202	1847578	41.72	ng	96
76) Benzidine	12.61	184	266797	16.84	ng	97
77) Pyrene	12.72	202	1889493	47.54	ng	100
79) Butylbenzylphthalate	13.35	149	903721	48.58	ng	# 81
80) Benzo(a)anthracene	13.89	228	1363812	43.32	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	188650	14.98	ng	99
82) Chrysene	13.94	228	1465864	44.92	ng	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	1040320	44.09	ng	# 97
84) Di-n-octyl phthalate	14.51	149	1863126	42.85	ng	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	1212811	37.80	ng	100
87) Benzo(b)fluoranthene	14.95	252	2641067	76.31	ng	# 98
88) Benzo(k)fluoranthene	14.95	252	2642438	108.82	ng	98
89) Benzo(a)pyrene	15.25	252	1225782	41.27	ng	98
90) Dibenzo(a,h)anthracene	16.67	278	1006585	38.88	ng	# 95
91) Benzo(g,h,i)perylene	17.06	276	1032239	39.23	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091784.D

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Instrument :

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PB95441BS

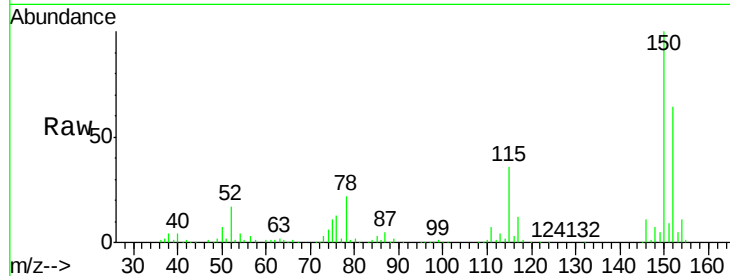
Tgt Ion:152 Resp: 257597

Ion Ratio Lower Upper

152 100

150 156.5 124.9 187.3

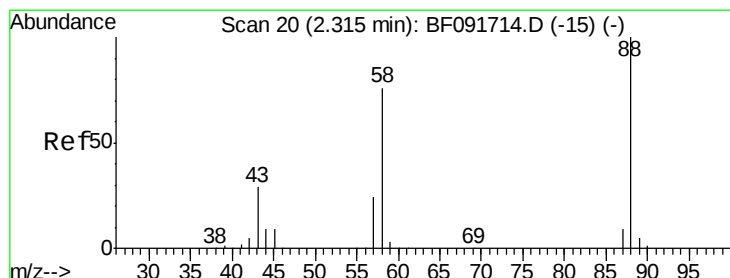
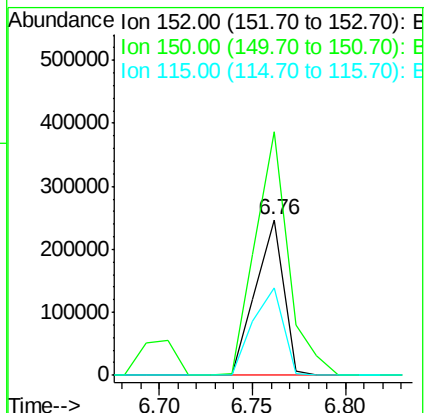
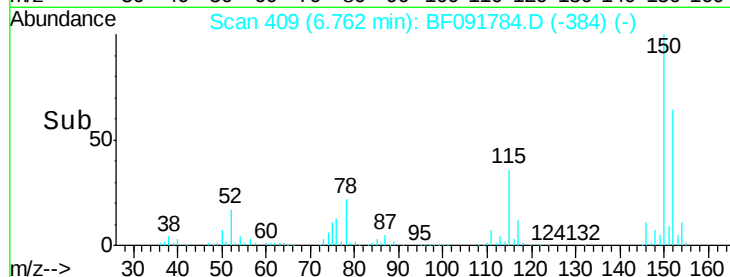
115 56.6 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 43.71 ng

RT: 2.42 min Scan# 29

Delta R.T. 0.10 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

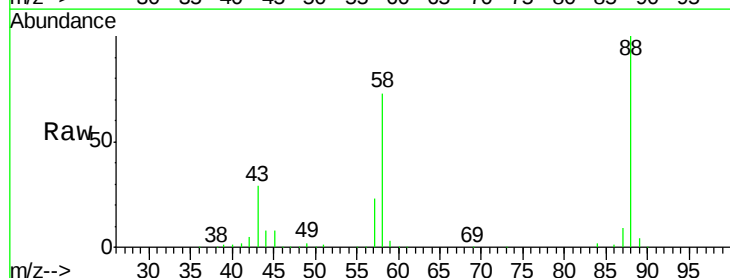
Tgt Ion: 88 Resp: 330940

Ion Ratio Lower Upper

88 100

58 74.5 57.8 86.8

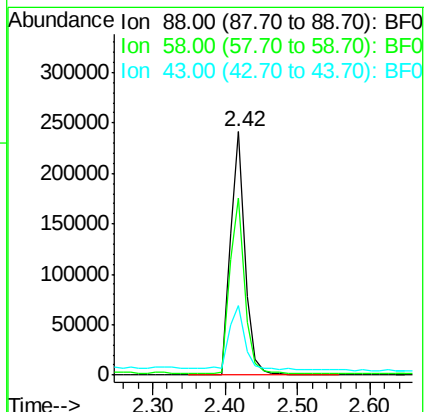
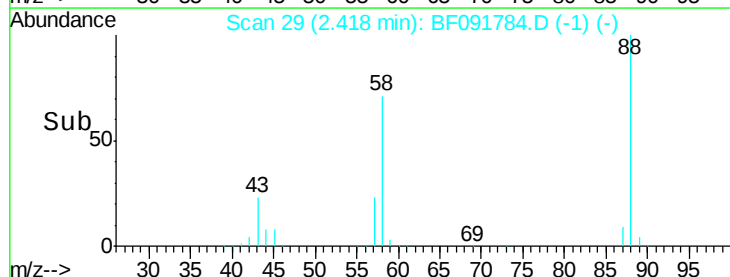
43 30.3 22.3 33.5

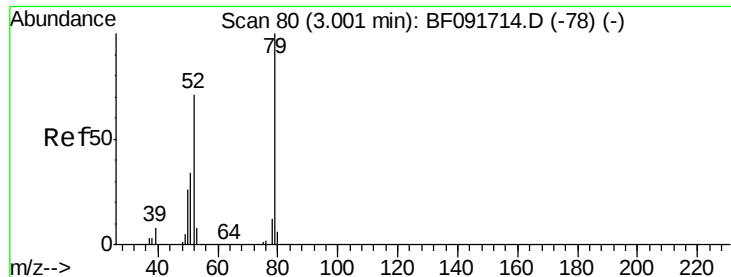


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.76 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.09 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

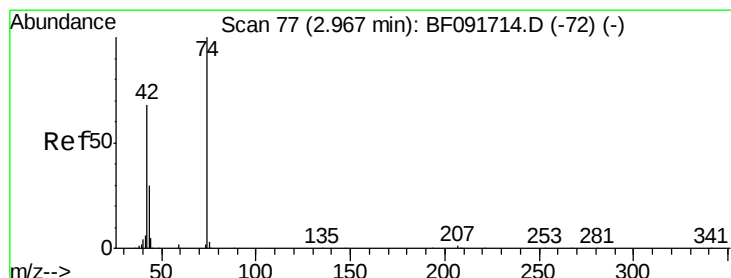
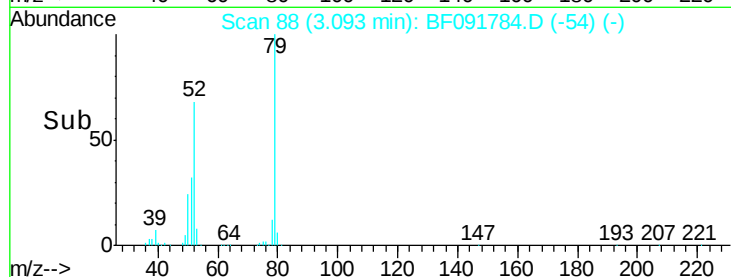
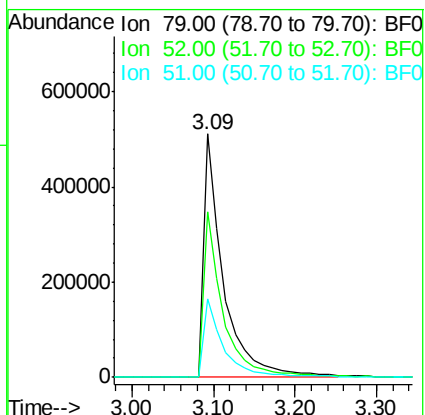
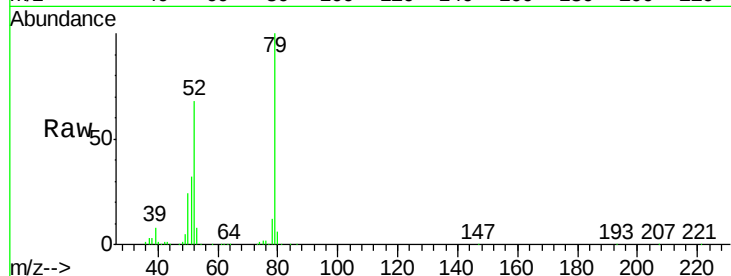
Tgt Ion: 79 Resp: 872402

Ion Ratio Lower Upper

79 100

52 68.0 57.1 85.7

51 32.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 41.66 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.09 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

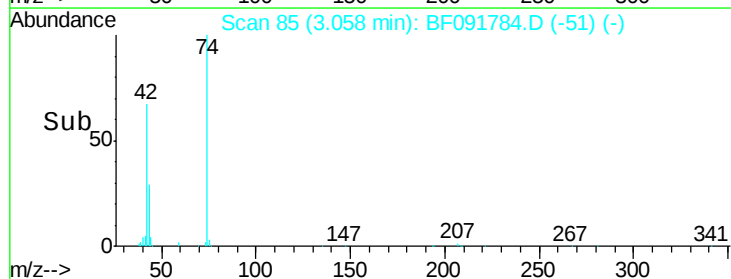
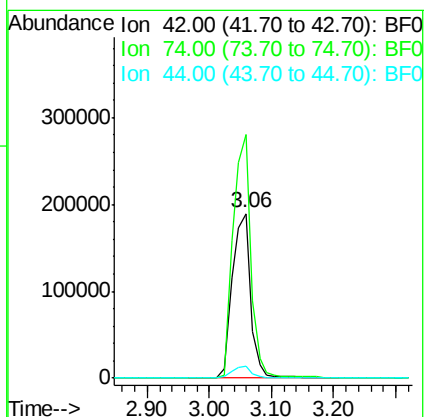
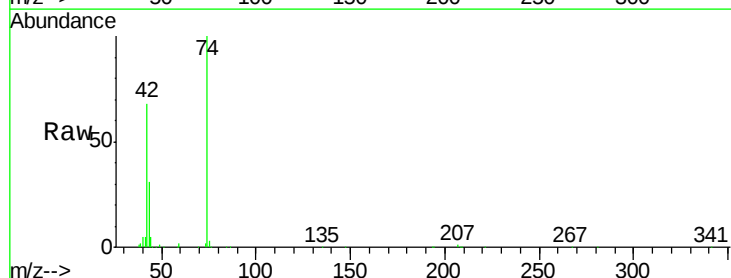
Tgt Ion: 42 Resp: 393273

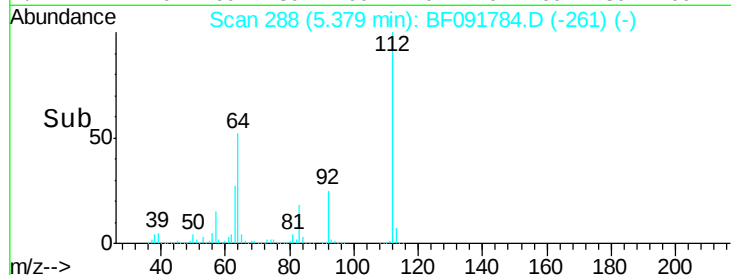
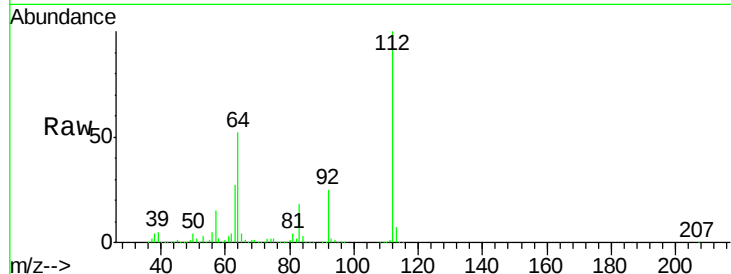
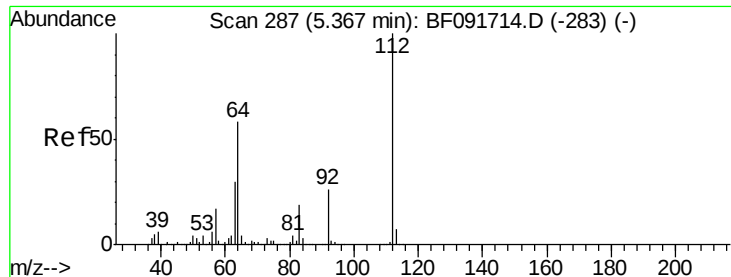
Ion Ratio Lower Upper

42 100

74 148.0 117.0 175.4

44 6.9 5.5 8.3

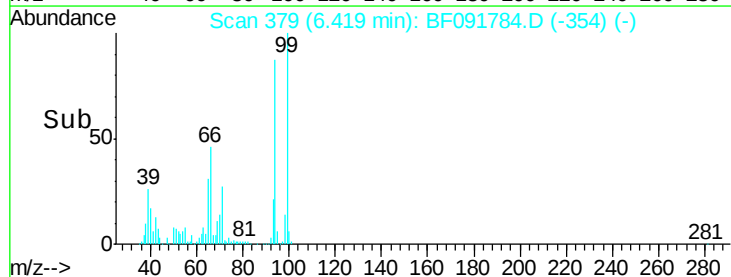
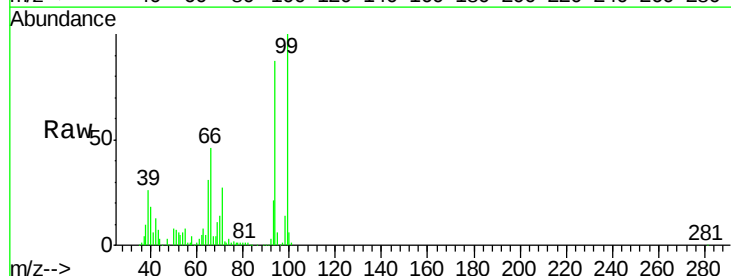
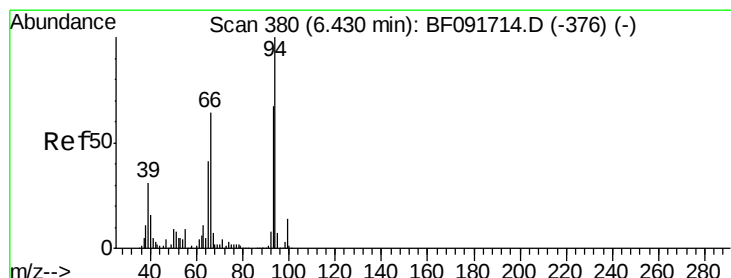
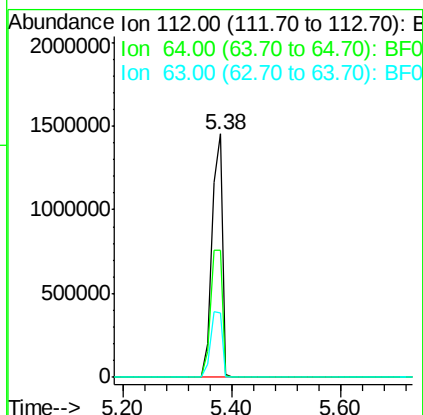




#5
2-Fluorophenol
Concen: 127.21 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

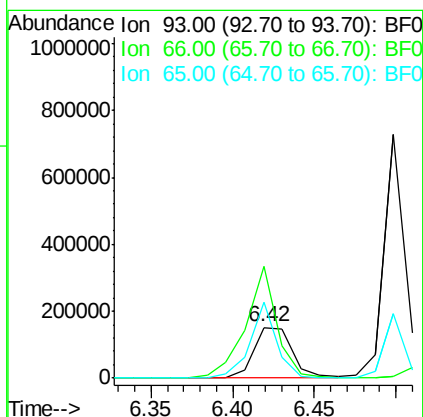
Instrument :
BNA_F
ClientSampleId :
PB95441BS

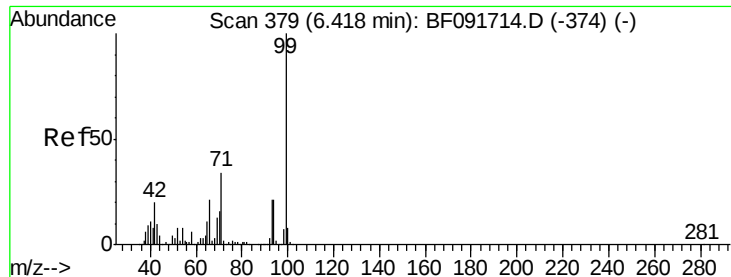
Tgt Ion: 112 Resp: 1955967
Ion Ratio Lower Upper
112 100
64 52.1 46.1 69.1
63 26.5 23.8 35.6



#6
Aniline
Concen: 10.27 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion: 93 Resp: 247769
Ion Ratio Lower Upper
93 100
66 220.1 76.2 114.2#
65 150.4 49.3 73.9#





#7

Phenol-d6

Concen: 122.01 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

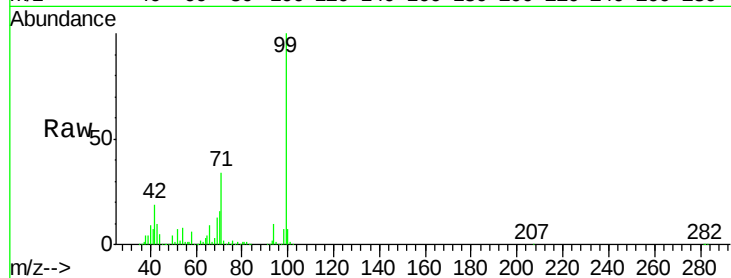
Tgt Ion: 99 Resp: 2287903

Ion Ratio Lower Upper

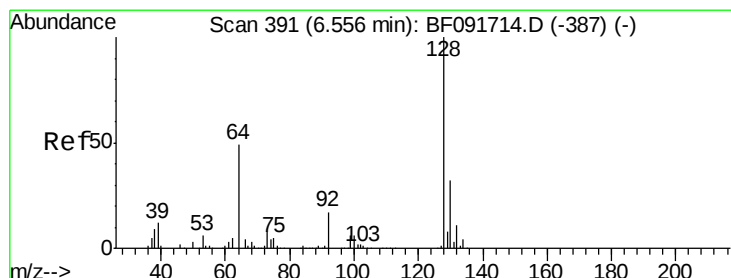
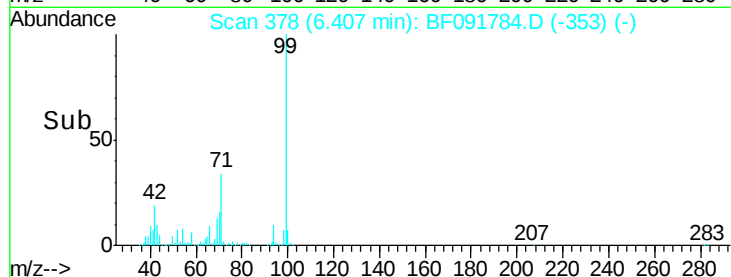
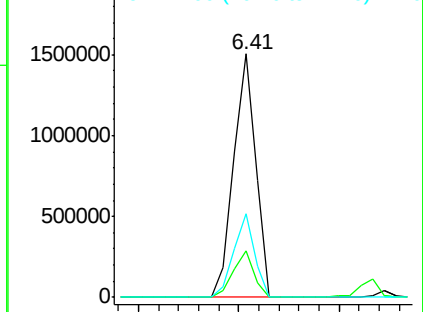
99 100

42 19.2 15.6 23.4

71 34.5 27.5 41.3



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: 39.45 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

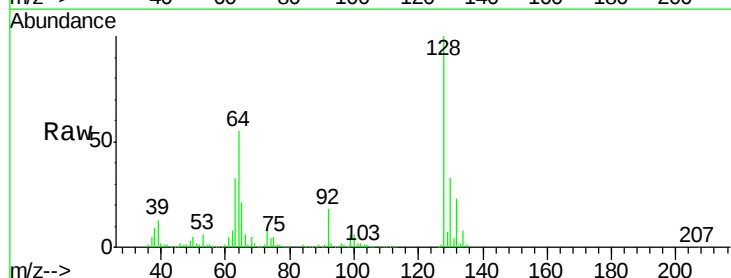
Tgt Ion: 128 Resp: 667610

Ion Ratio Lower Upper

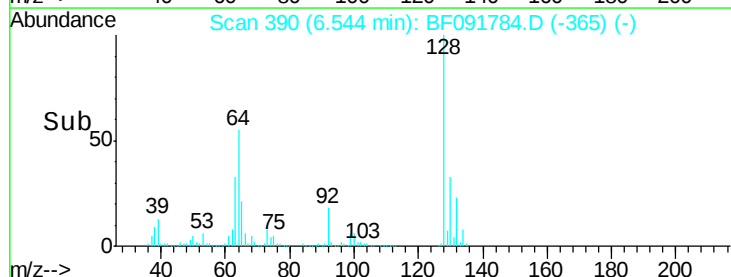
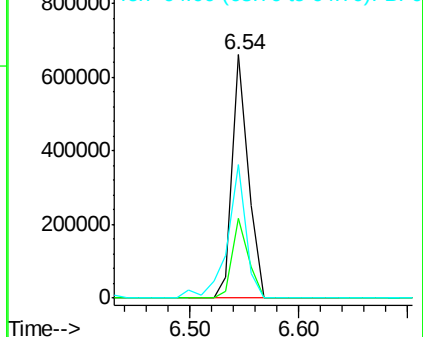
128 100

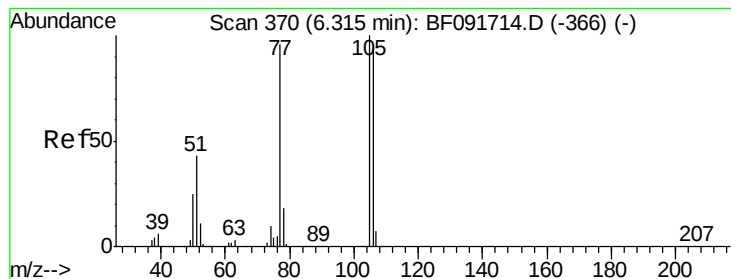
130 32.6 12.3 52.3

64 54.6 32.2 72.2



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: 6.75 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

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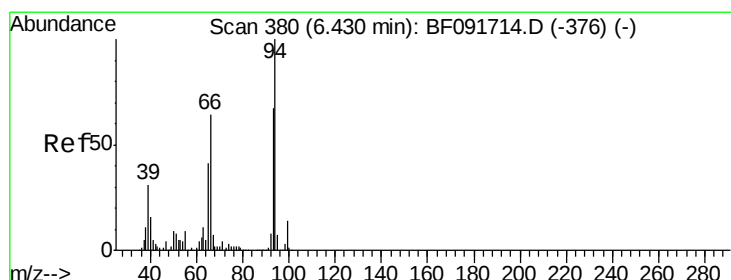
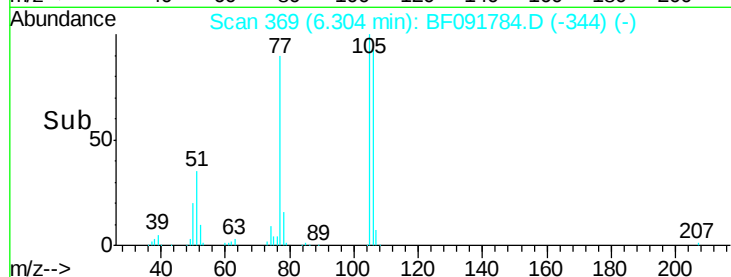
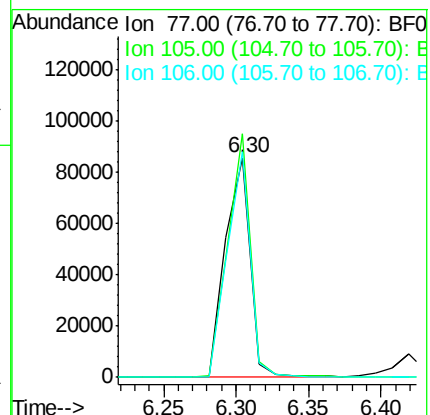
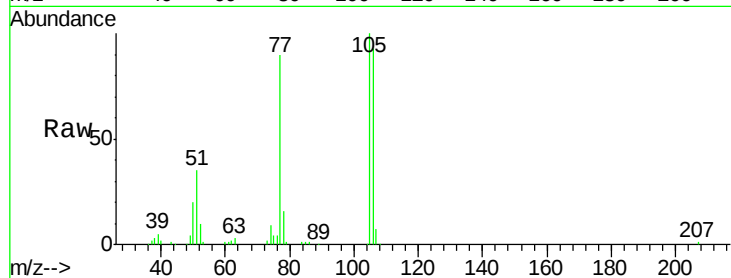
Tgt Ion: 77 Resp: 101509

Ion Ratio Lower Upper

77 100

105 111.0 83.9 123.9

106 103.2 77.6 117.6



#10

Phenol

Concen: 32.57 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

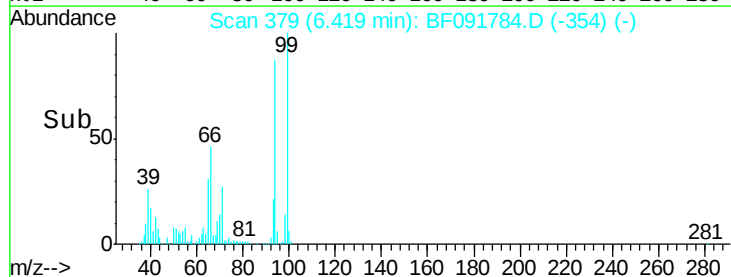
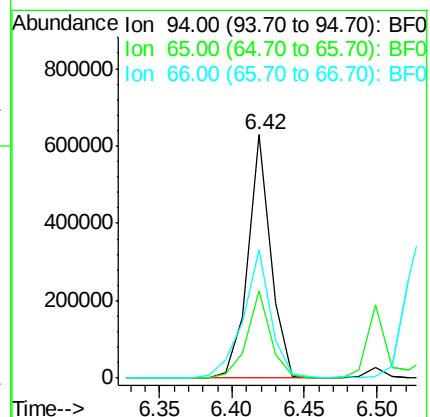
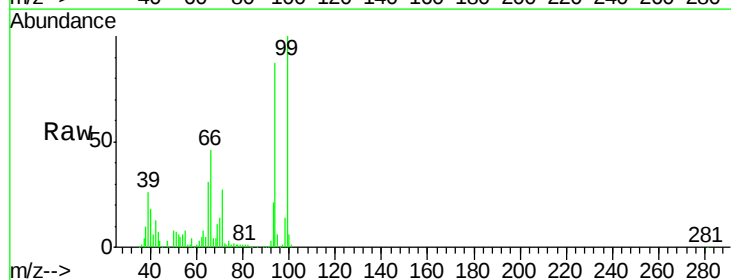
Tgt Ion: 94 Resp: 688408

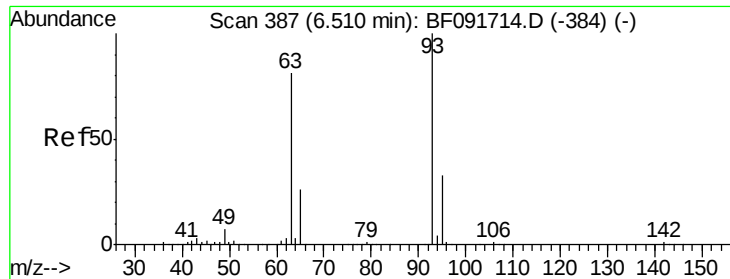
Ion Ratio Lower Upper

94 100

65 36.1 21.4 61.4

66 52.8 44.0 84.0

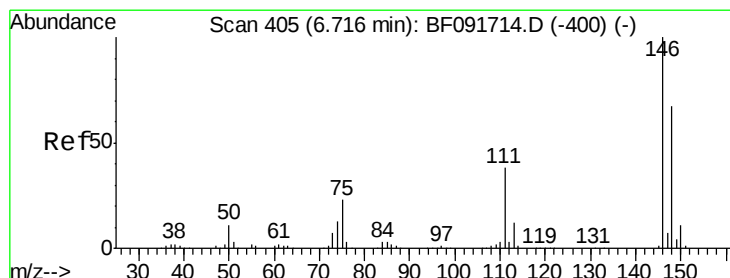
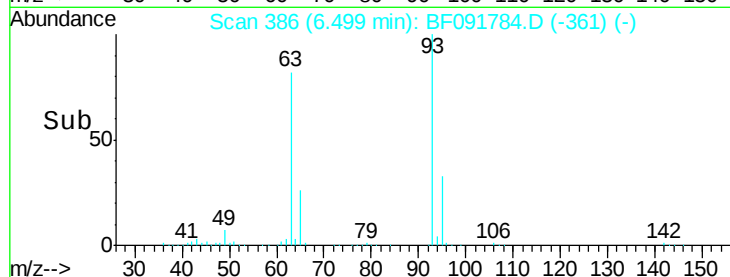
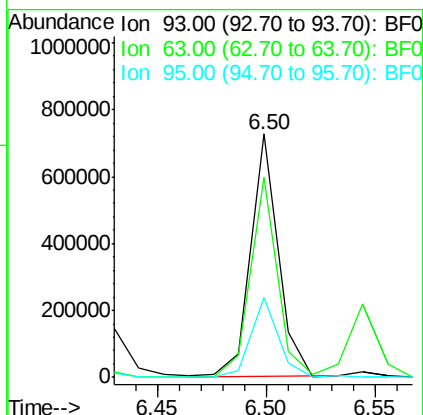
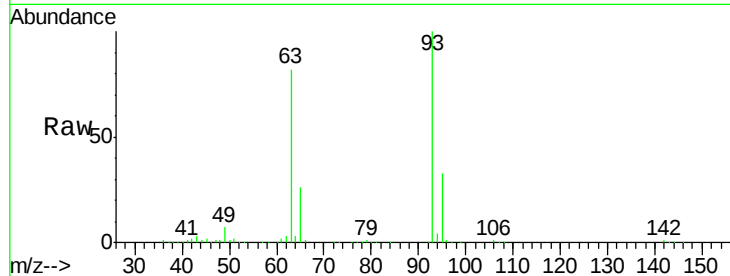




#11
 bis(2-Chloroethyl)ether
 Concen: 37.61 ng
 RT: 6.50 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

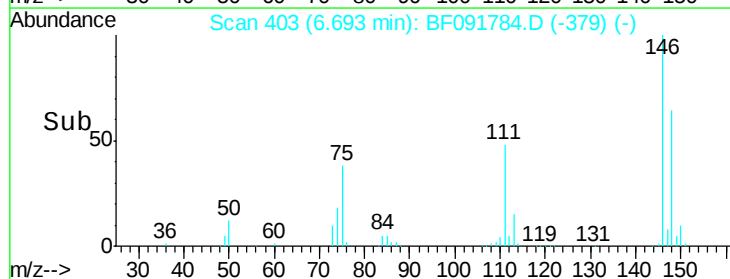
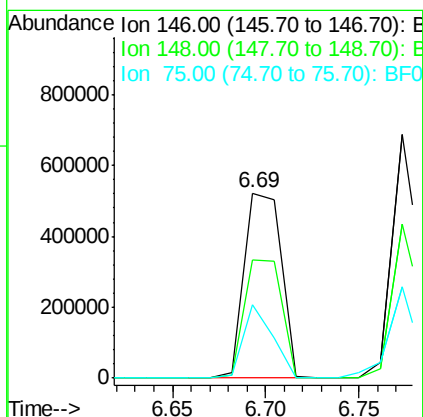
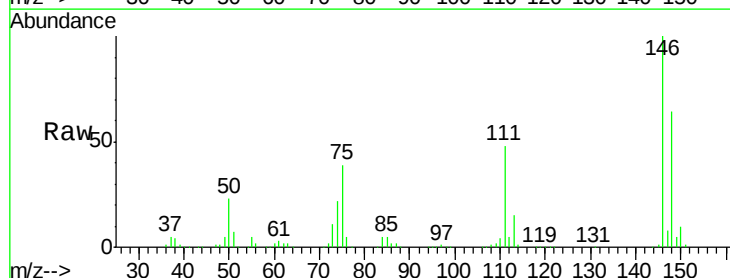
Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

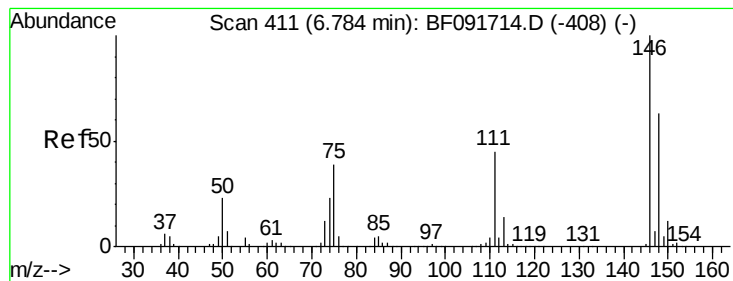
Tgt Ion: 93 Resp: 634824
 Ion Ratio Lower Upper
 93 100
 63 82.2 60.4 100.4
 95 33.0 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 38.55 ng
 RT: 6.69 min Scan# 403
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion: 146 Resp: 716509
 Ion Ratio Lower Upper
 146 100
 148 63.9 53.4 80.0
 75 39.5 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 37.59 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

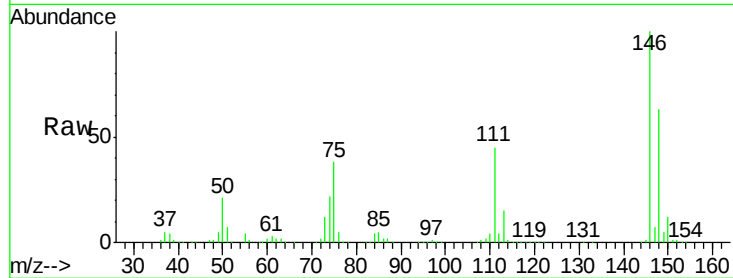
Tgt Ion:146 Resp: 706933

Ion Ratio Lower Upper

146 100

148 63.3 50.6 76.0

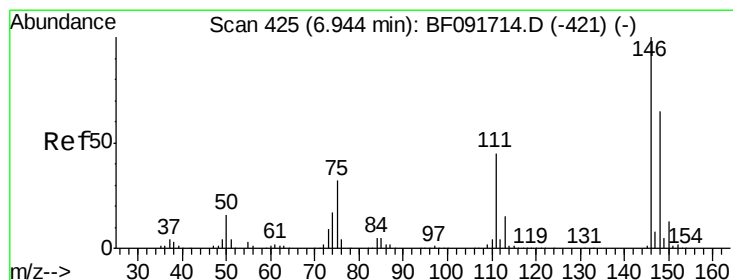
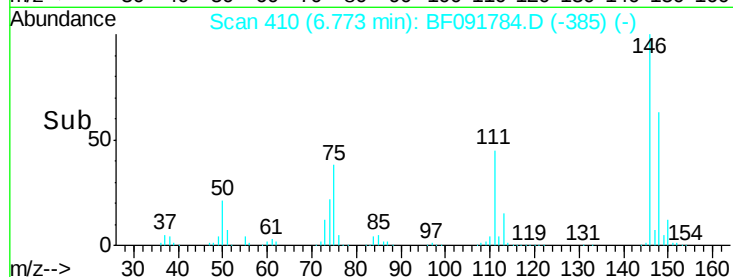
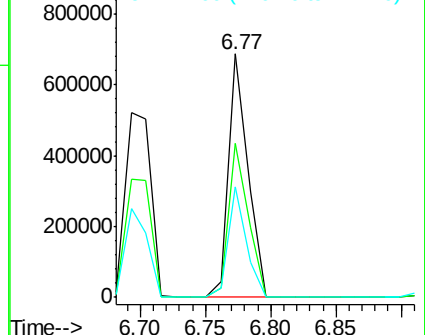
111 45.5 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.67 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

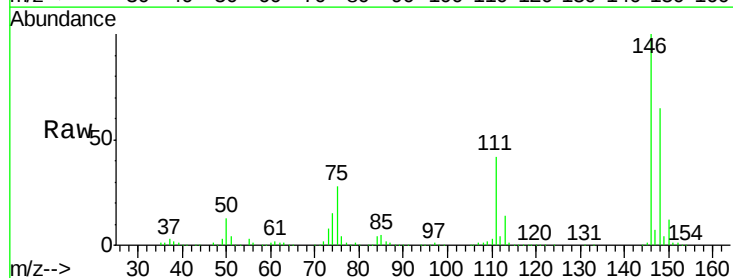
Tgt Ion:146 Resp: 702935

Ion Ratio Lower Upper

146 100

148 65.1 52.2 78.2

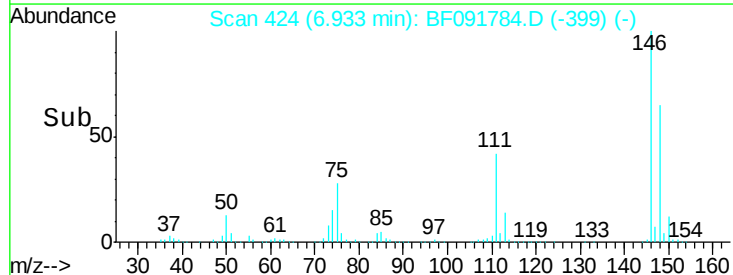
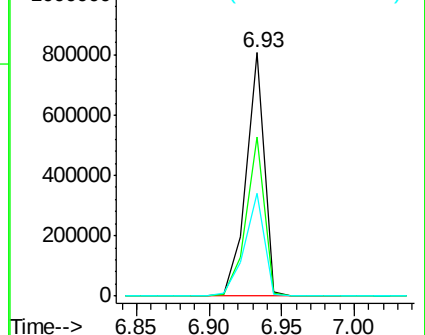
111 42.0 36.2 54.2

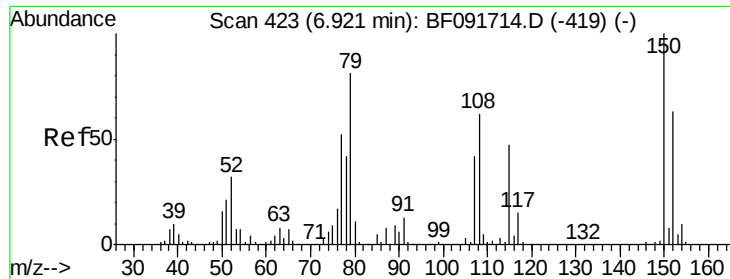


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

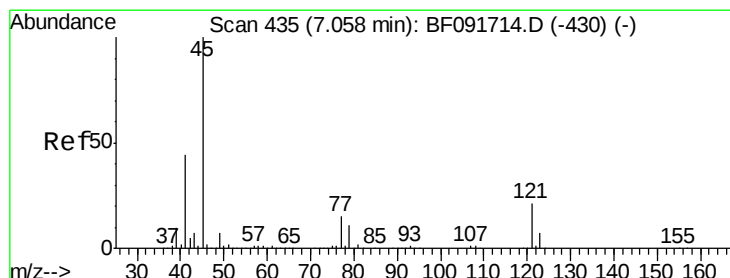
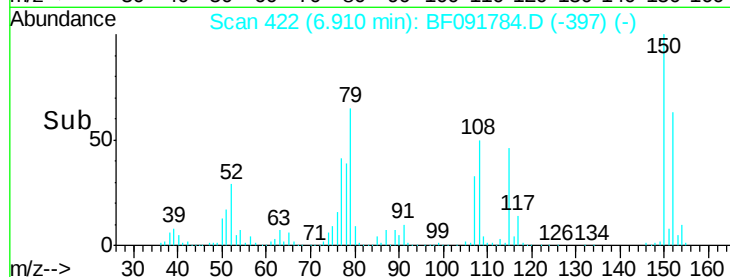
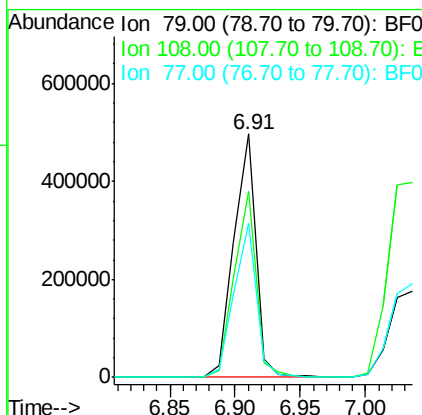
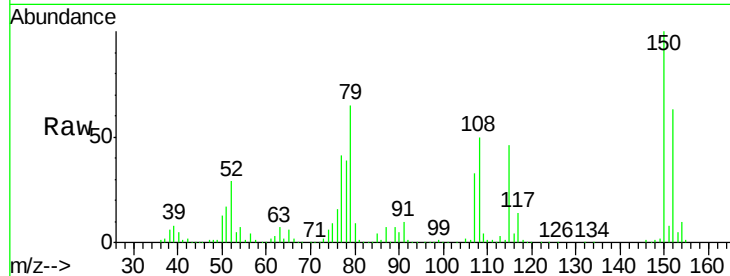




#15
Benzyl Alcohol
Concen: 40.11 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

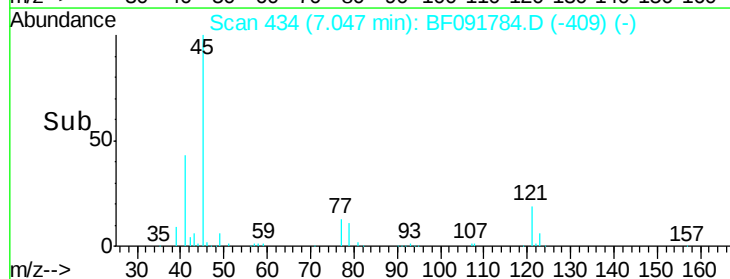
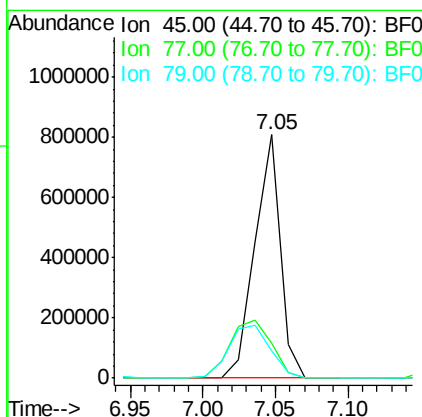
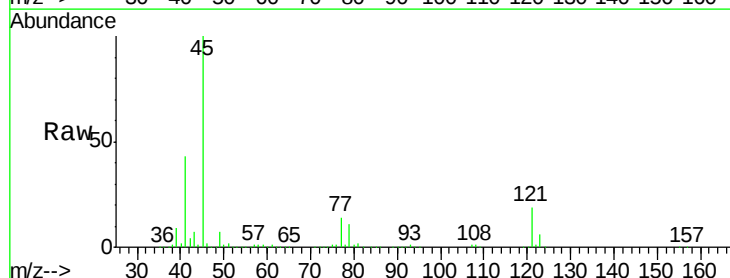
Instrument :
BNA_F
ClientSampleId :
PB95441BS

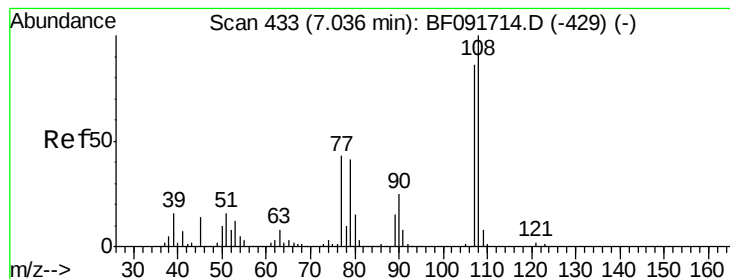
Tgt Ion: 79 Resp: 582303
Ion Ratio Lower Upper
79 100
108 76.3 61.4 92.0
77 63.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.13 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion: 45 Resp: 983638
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.6
79 11.3 0.0 31.2





#17

2-Methylphenol

Concen: 40.33 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

Tgt Ion:107 Resp: 570385

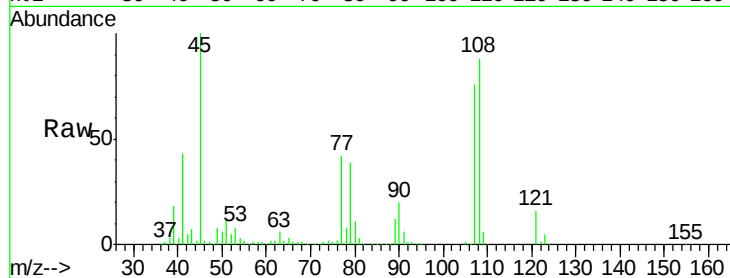
Ion Ratio Lower Upper

107 100

108 115.9 93.0 139.6

77 55.6 39.8 59.8

79 51.1 38.0 57.0



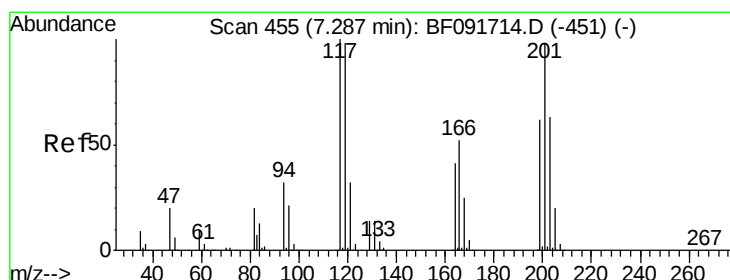
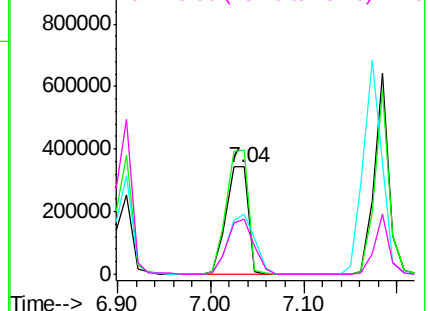
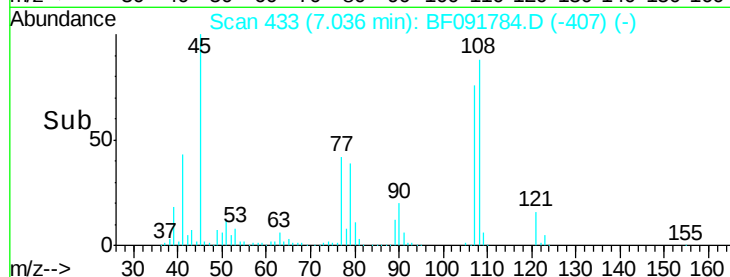
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.69 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

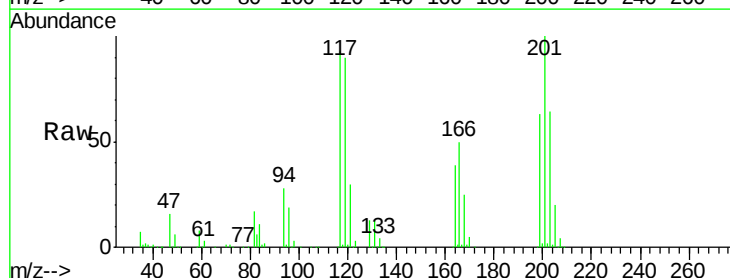
Tgt Ion:117 Resp: 277336

Ion Ratio Lower Upper

117 100

119 96.7 78.1 117.1

201 107.8 78.6 117.8

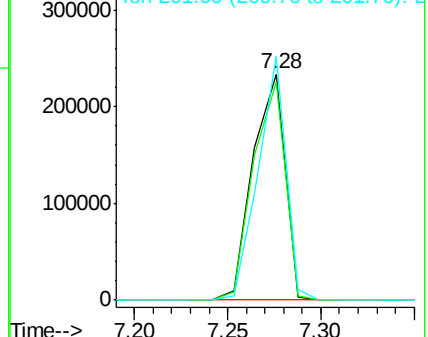
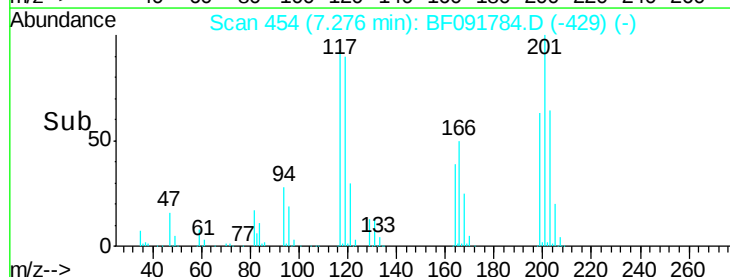


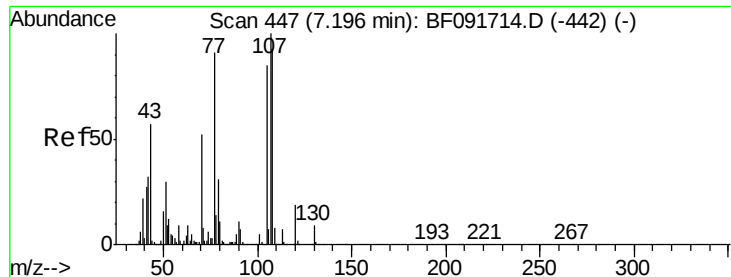
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

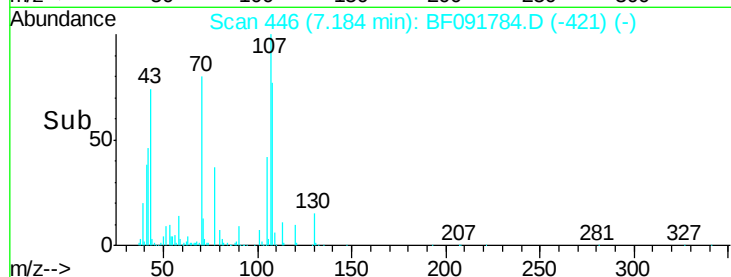
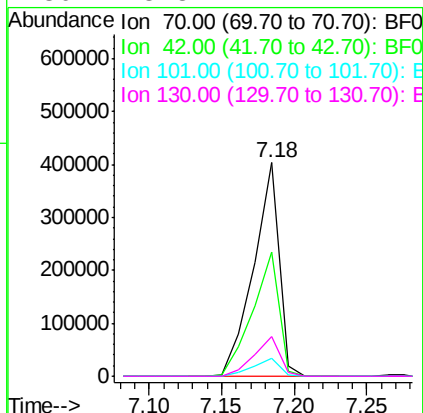
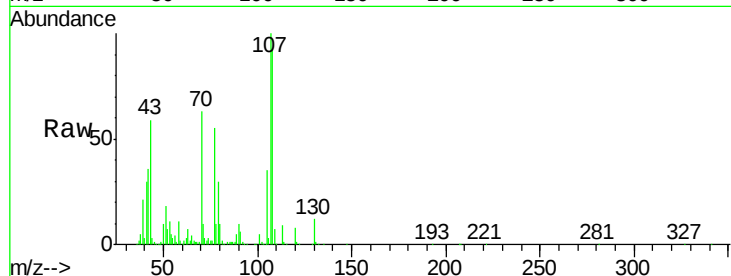




#19
n-Nitroso-di-n-propylamine
Concen: 39.75 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

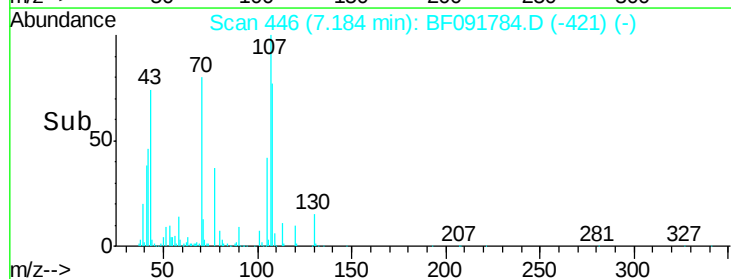
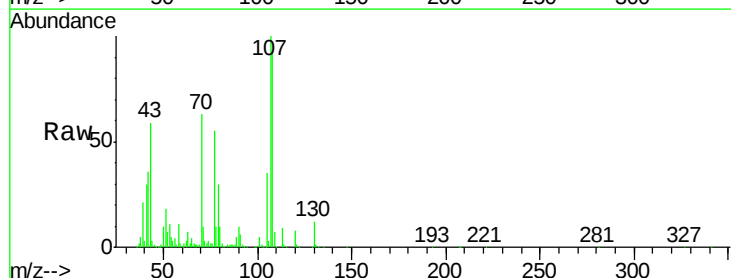
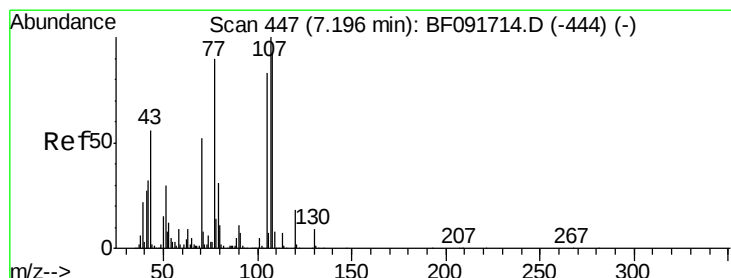
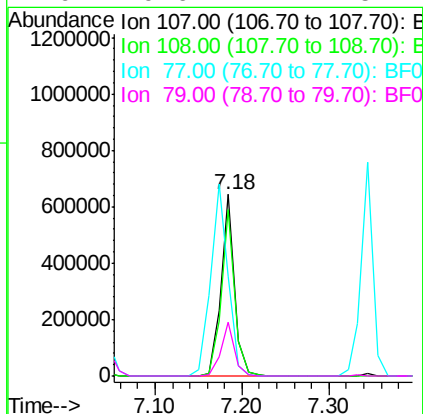
Instrument :
BNA_F
ClientSampleId :
PB95441BS

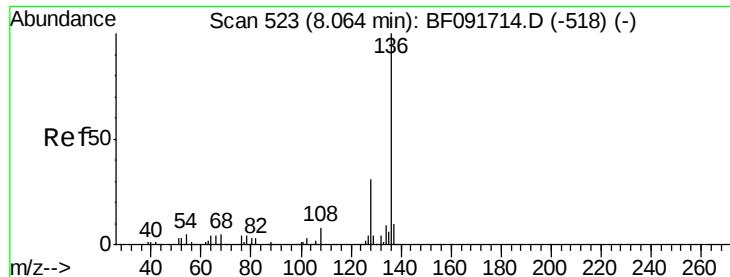
Tgt Ion: 70 Resp: 495794
Ion Ratio Lower Upper
70 100
42 57.9 49.4 74.0
101 8.7 7.4 11.2
130 18.8 14.2 21.4



#20
3+4-Methylphenols
Concen: 44.72 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion: 107 Resp: 705462
Ion Ratio Lower Upper
107 100
108 91.8 73.0 113.0
77 55.0 71.3 111.3#
79 29.6 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

Tgt Ion:136 Resp: 1019583

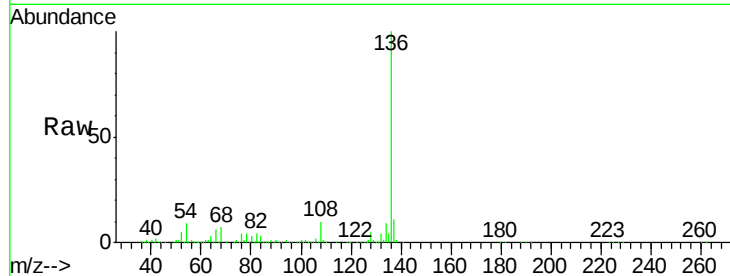
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.0 4.5 6.7#

68 6.9 3.6 5.4#

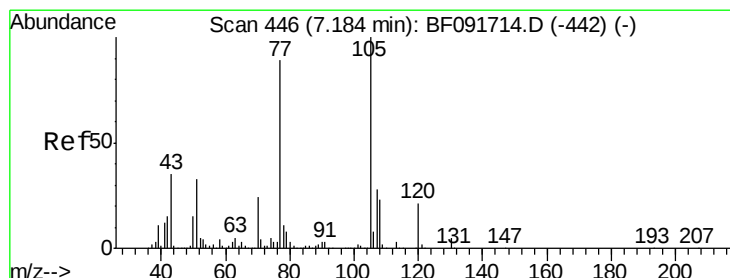
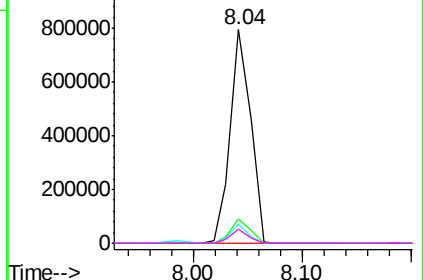
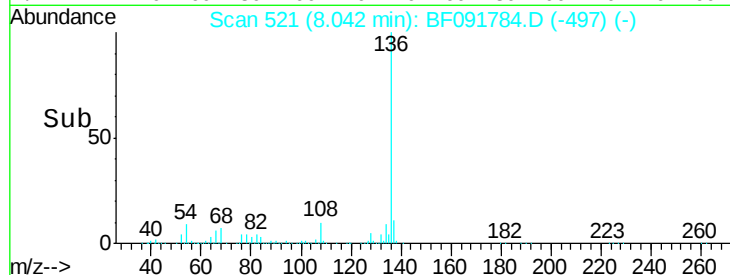


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.96 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tgt Ion:105 Resp: 959137

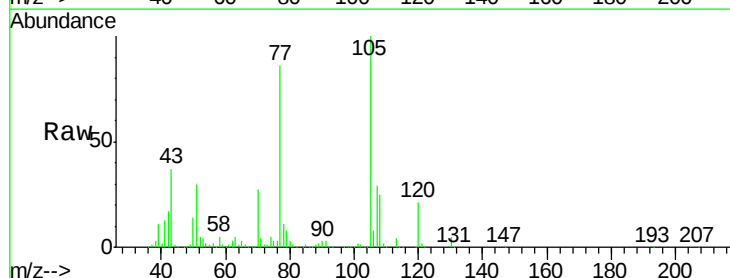
Ion Ratio Lower Upper

105 100

71 4.4 3.2 4.8

51 30.4 26.2 39.4

120 20.8 16.6 24.8

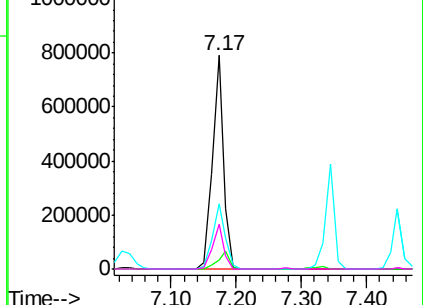
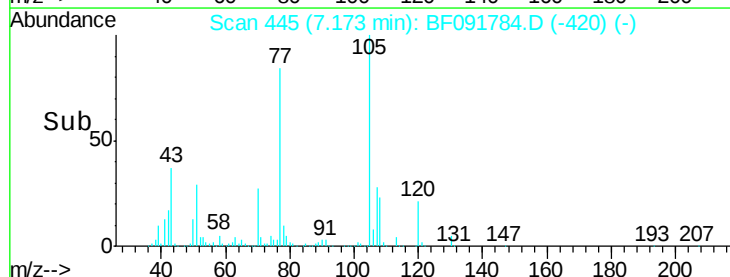


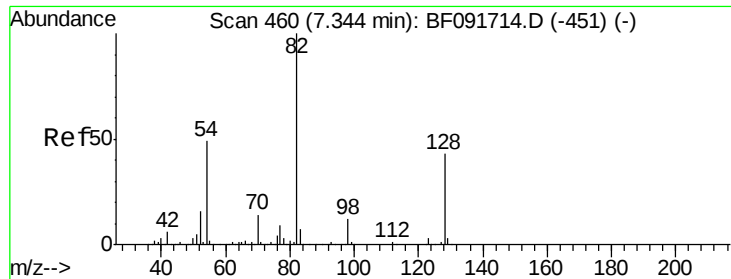
Abundance Ion 105.00 (104.70 to 105.70): E

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

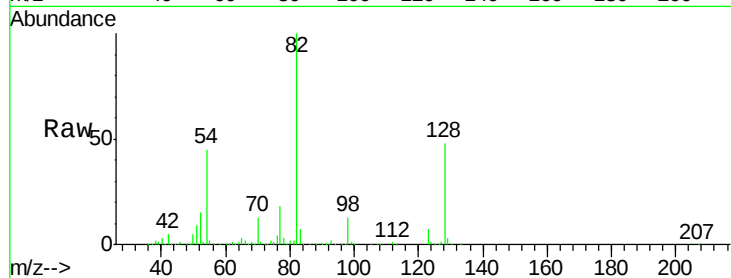




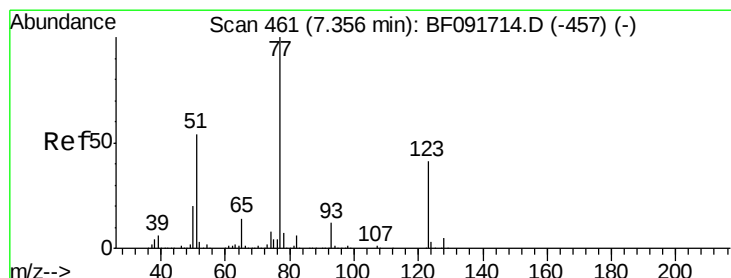
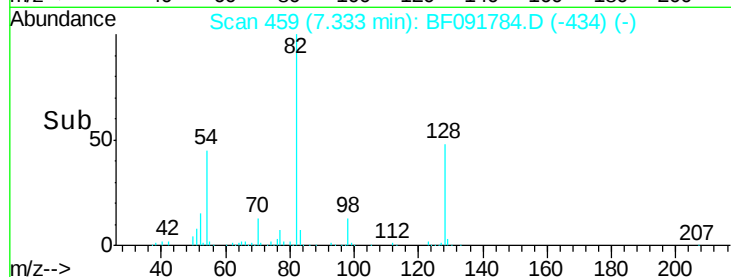
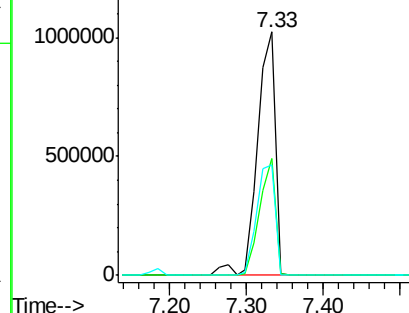
#23
 Nitrobenzene-d5
 Concen: 91.86 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

Tgt Ion: 82 Resp: 1624096
 Ion Ratio Lower Upper
 82 100
 128 48.1 34.6 52.0
 54 45.3 39.5 59.3

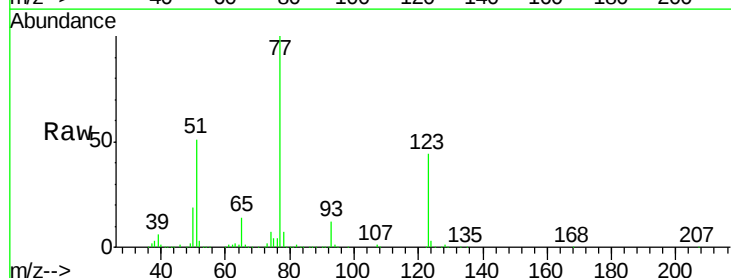


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

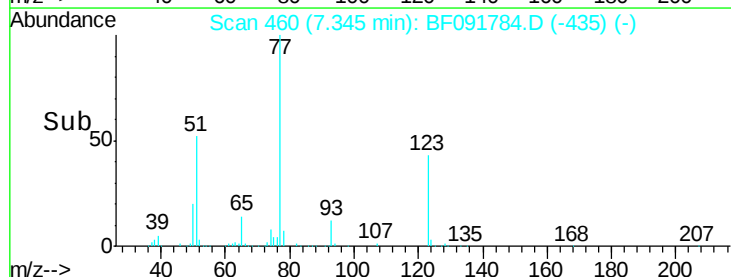
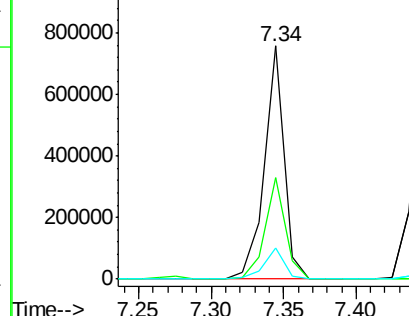


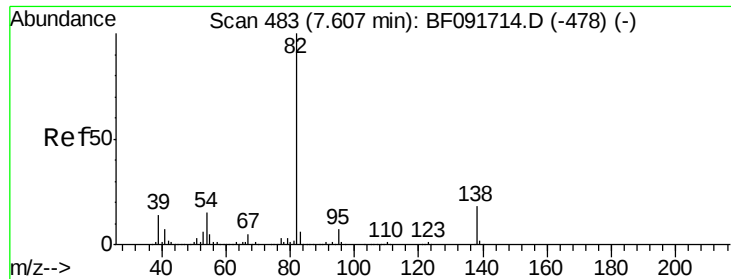
#24
 Nitrobenzene
 Concen: 37.55 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion: 77 Resp: 712925
 Ion Ratio Lower Upper
 77 100
 123 43.8 33.0 49.4
 65 13.6 11.2 16.8



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





#25

Isophorone

Concen: 40.81 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

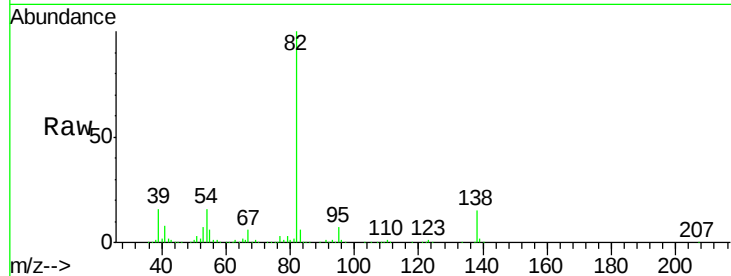
Tgt Ion: 82 Resp: 1376637

Ion Ratio Lower Upper

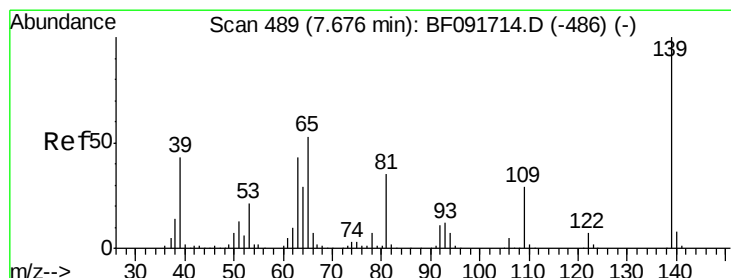
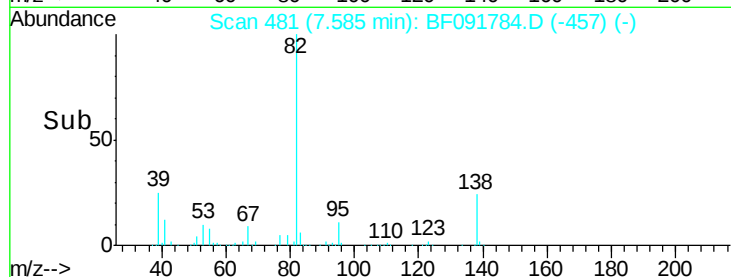
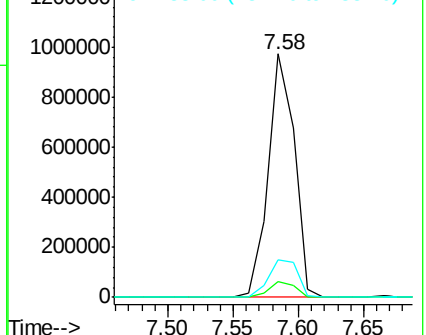
82 100

95 6.7 5.6 8.4

138 15.3 14.6 22.0



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: 42.51 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

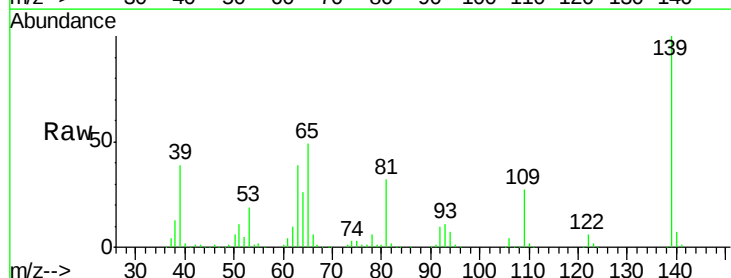
Tgt Ion: 139 Resp: 389365

Ion Ratio Lower Upper

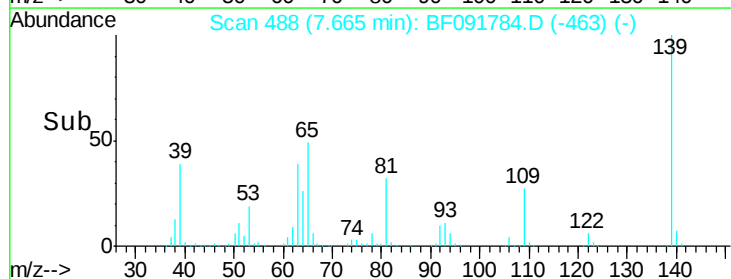
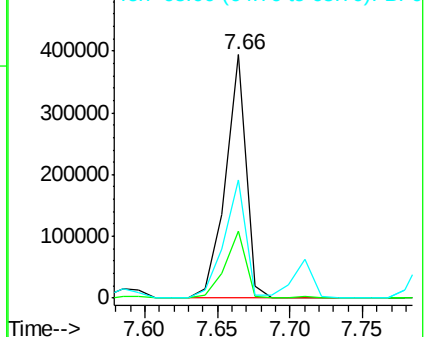
139 100

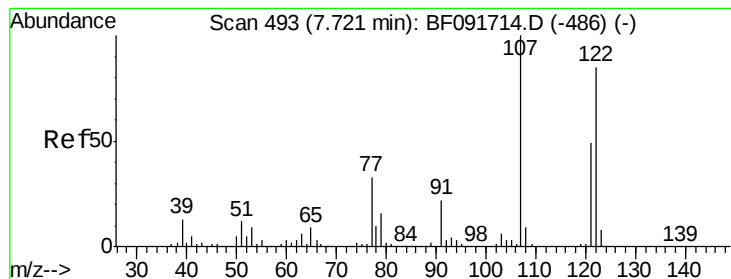
109 27.4 23.3 34.9

65 48.7 42.7 64.1



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: 41.89 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

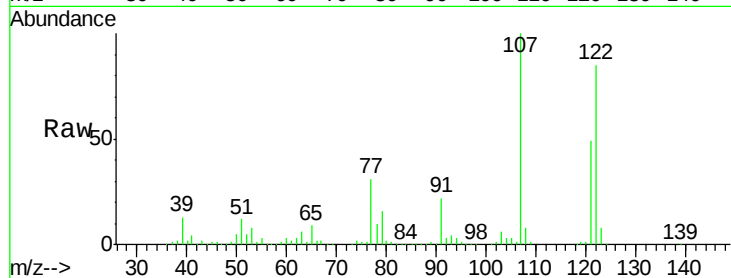
Tgt Ion:122 Resp: 625976

Ion Ratio Lower Upper

122 100

107 117.7 94.1 141.1

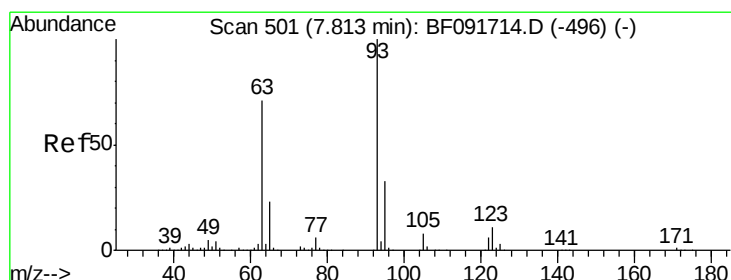
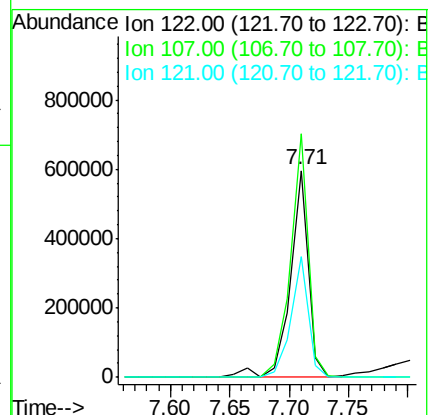
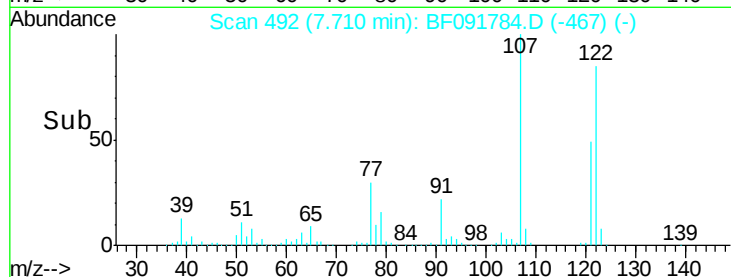
121 58.1 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.35 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

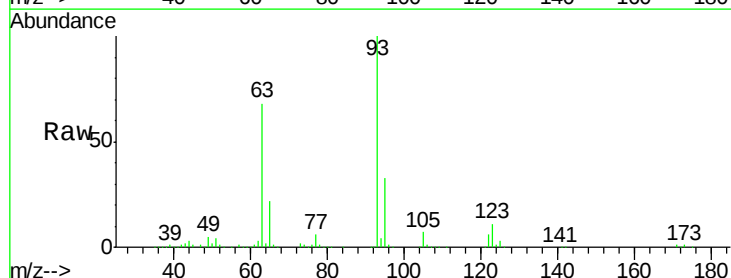
Tgt Ion: 93 Resp: 855583

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

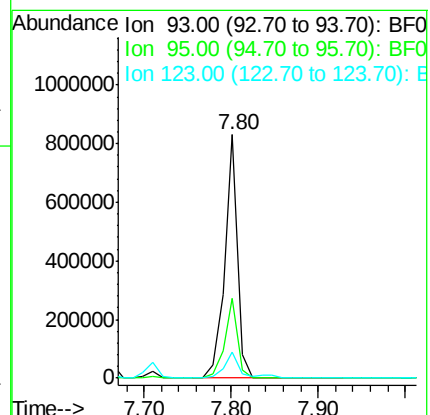
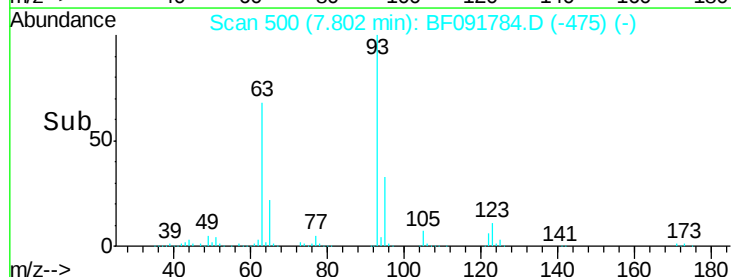
123 10.8 8.6 13.0

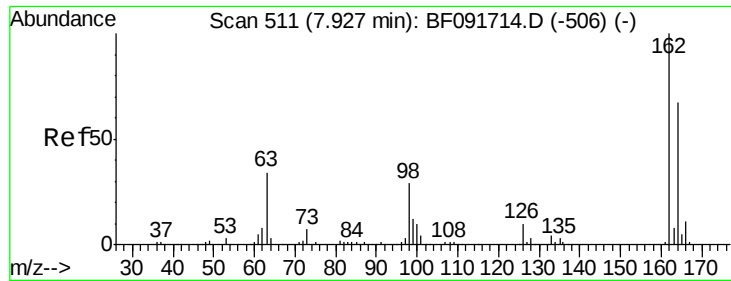


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

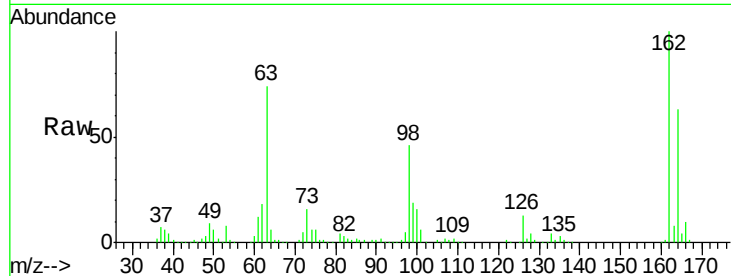




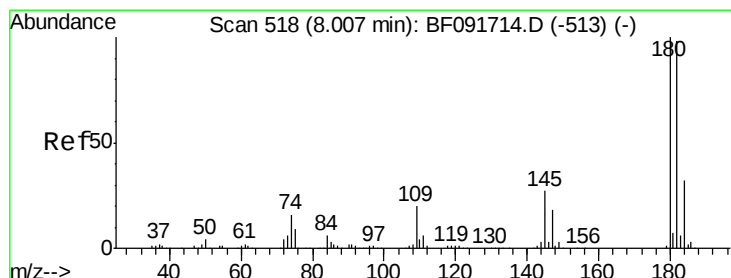
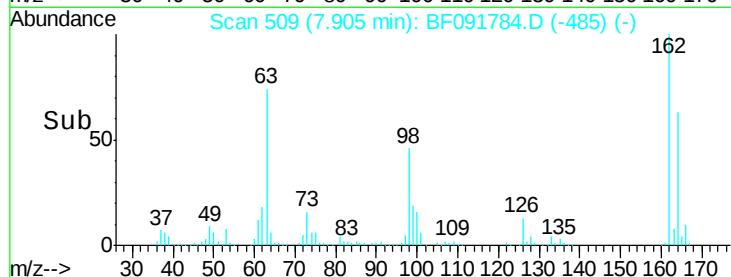
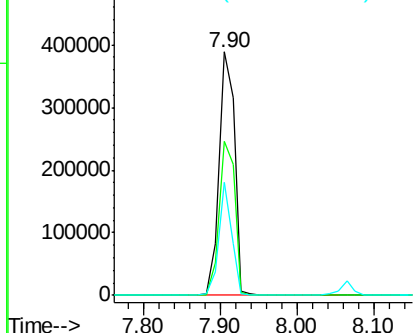
#29
 2,4-Dichlorophenol
 Concen: 40.18 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	46.8	86.8
98	46.4	9.1	49.1

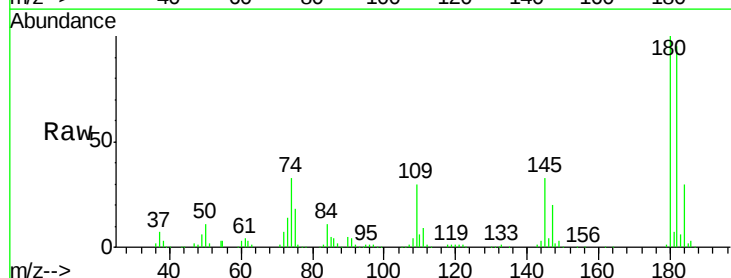


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

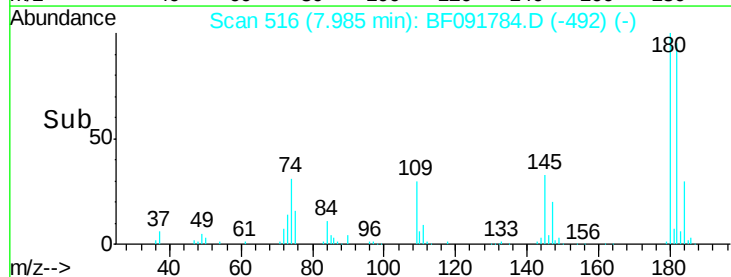
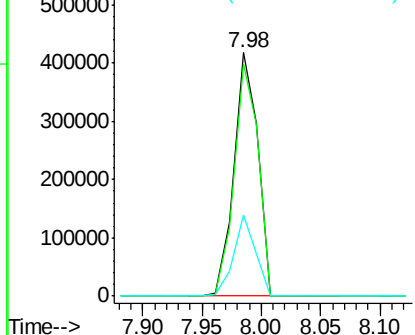


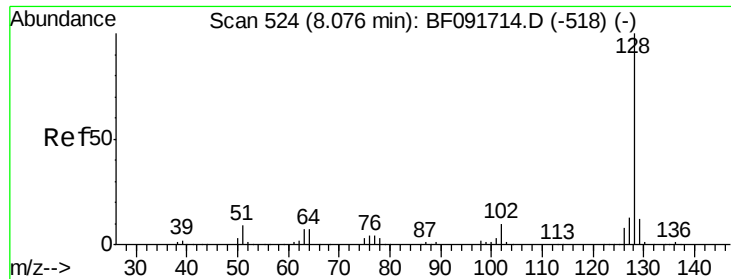
#30
 1,2,4-Trichlorobenzene
 Concen: 38.98 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.2	117.4
145	33.4	21.6	32.4#



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

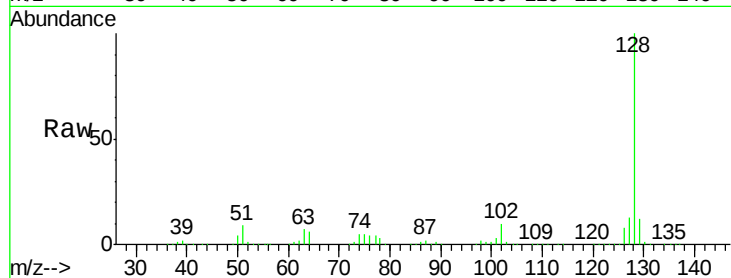




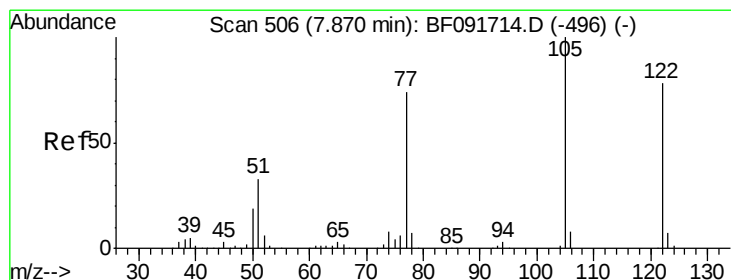
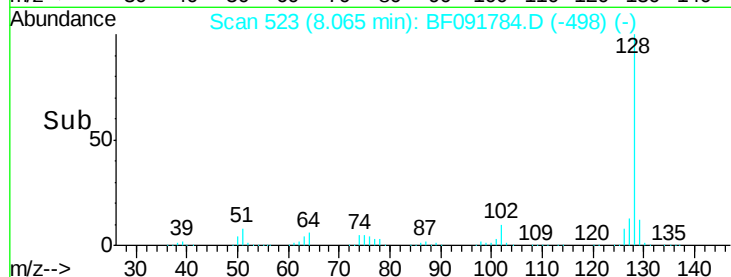
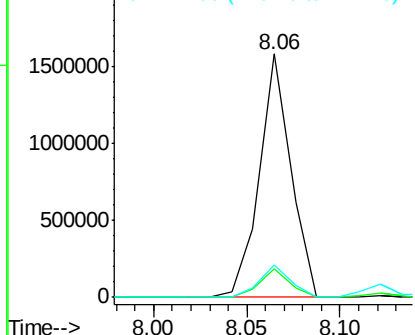
#31
Naphthalene
Concen: 37.75 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB95441BS

Tgt Ion:128 Resp: 1839069
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 13.5 10.8 16.2

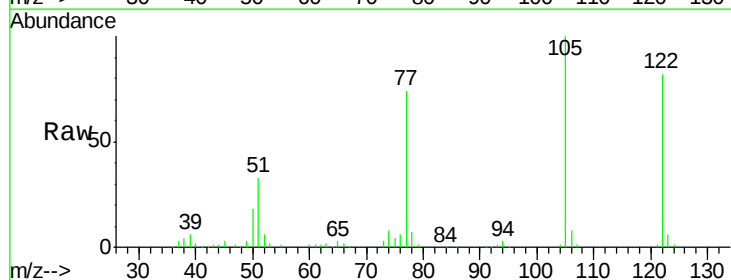


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

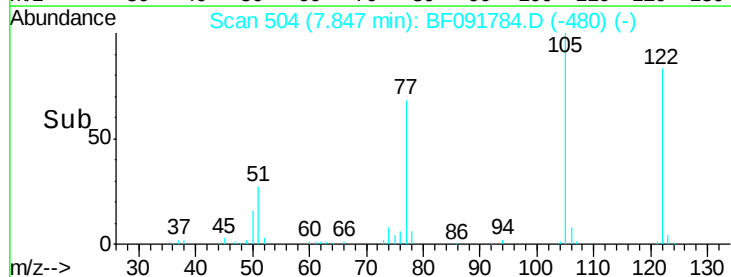
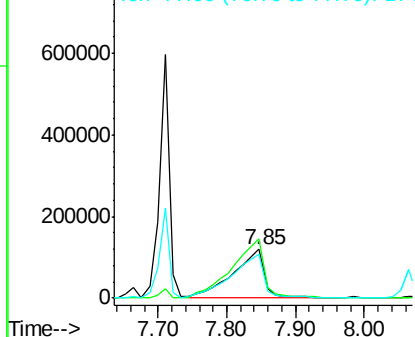


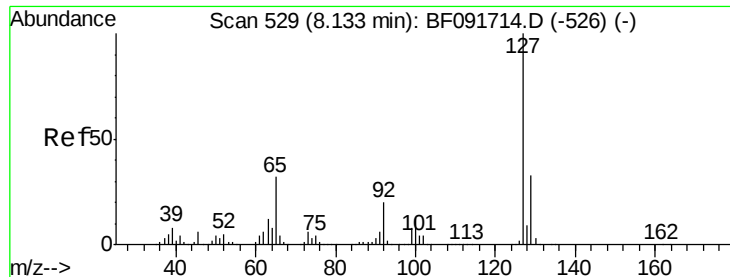
#32
Benzoic acid
Concen: 35.07 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.02 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion:122 Resp: 373403
Ion Ratio Lower Upper
122 100
105 121.6 107.2 147.2
77 90.5 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

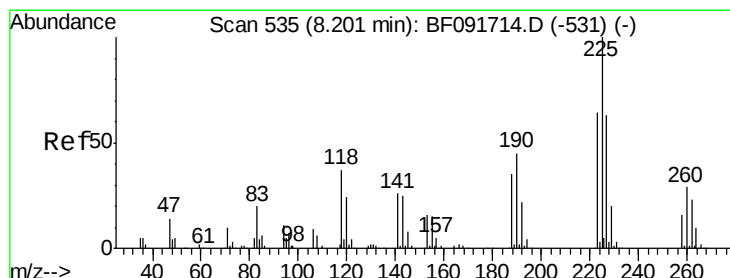
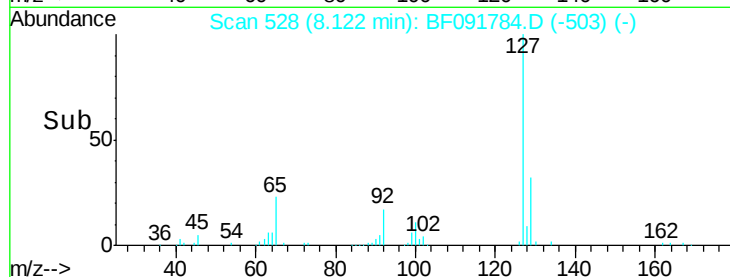
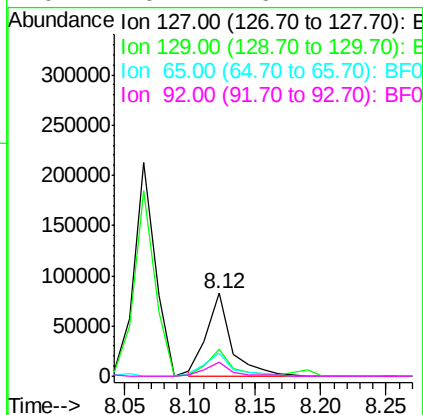
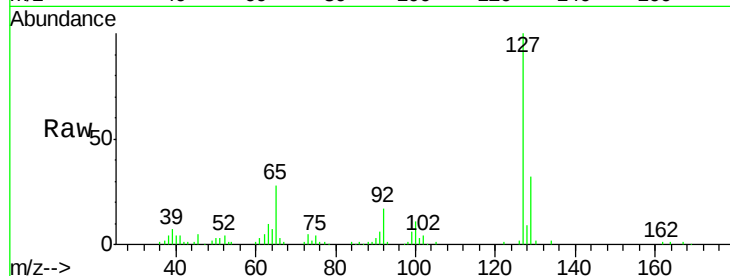




#33
4-Chloroaniline
Concen: 5.30 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

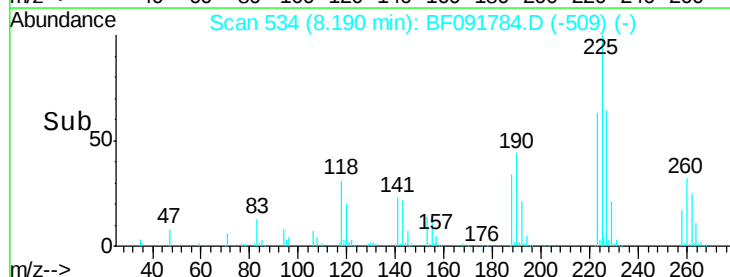
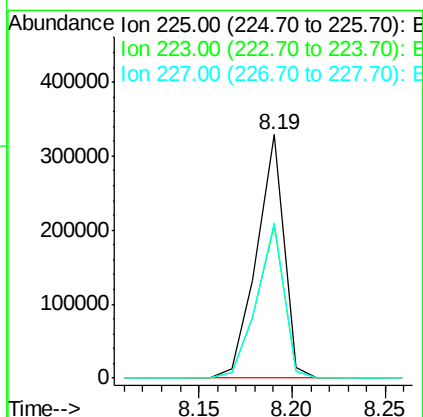
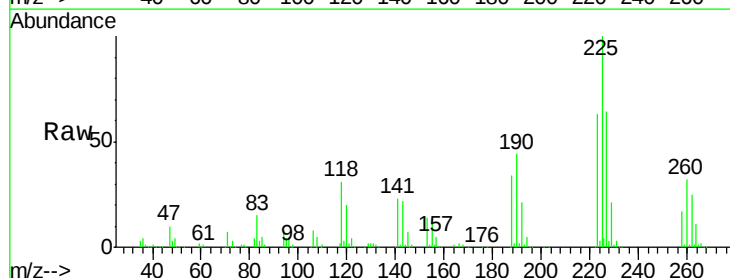
Instrument :
BNA_F
ClientSampleId :
PB95441BS

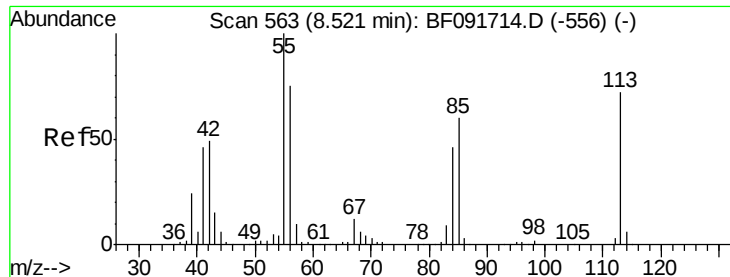
Tgt Ion:	127	Resp:	108810
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	27.5	25.8	38.8
92	16.7	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.82 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion:	225	Resp:	334348
Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	63.7	50.6	76.0

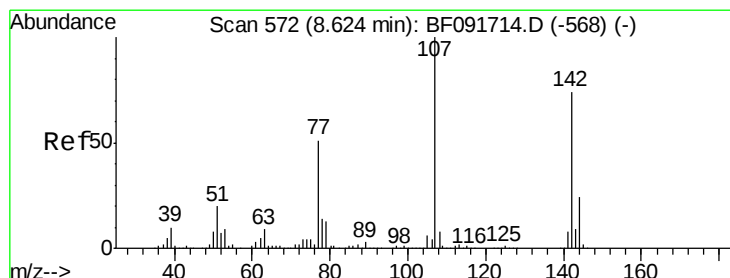
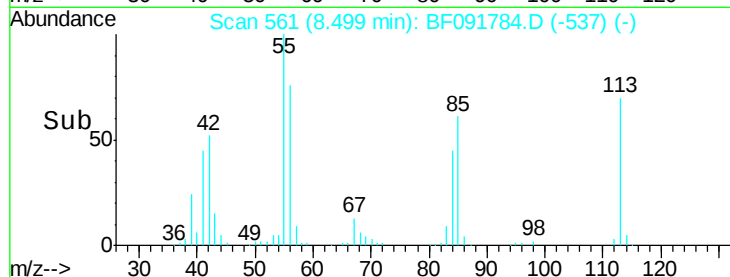
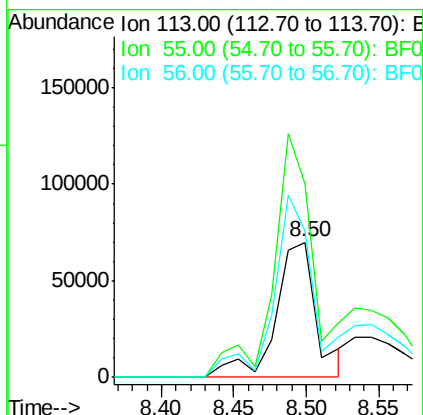
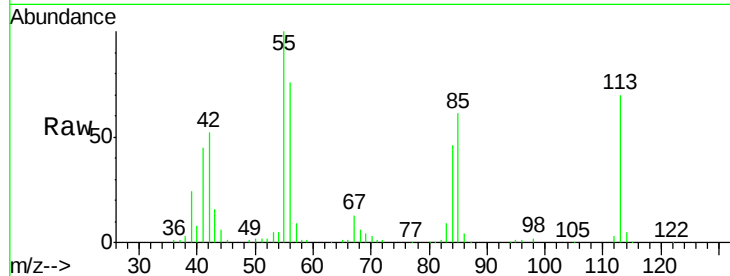




#35
 Caprolactam
 Concen: 30.79 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

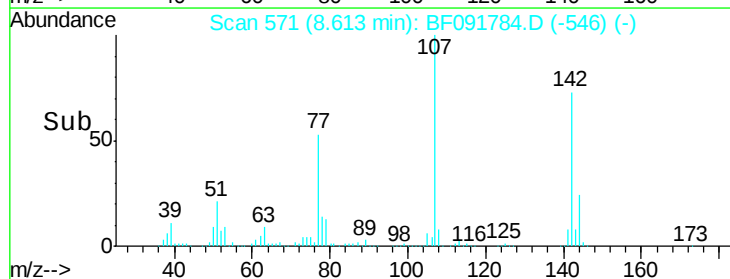
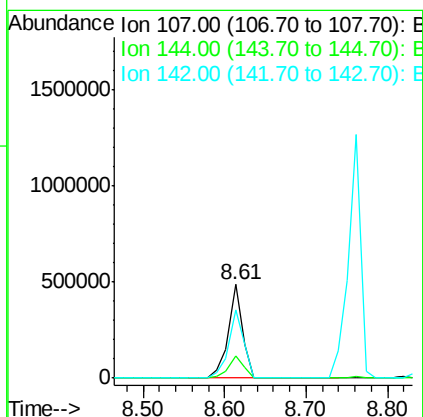
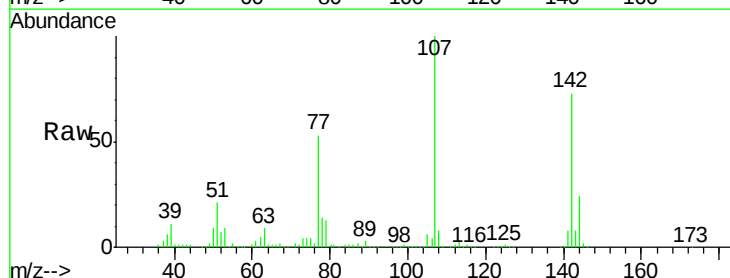
Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

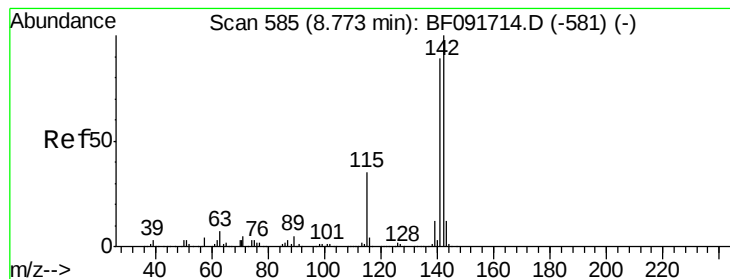
Tgt Ion:113 Resp: 136518
 Ion Ratio Lower Upper
 113 100
 55 142.9 119.2 159.2
 56 108.0 83.8 123.8



#36
 4-Chloro-3-methylphenol
 Concen: 39.09 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion:107 Resp: 594274
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.3 28.9
 142 72.8 59.0 88.6





#37

2-Methylnaphthalene

Concen: 43.55 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

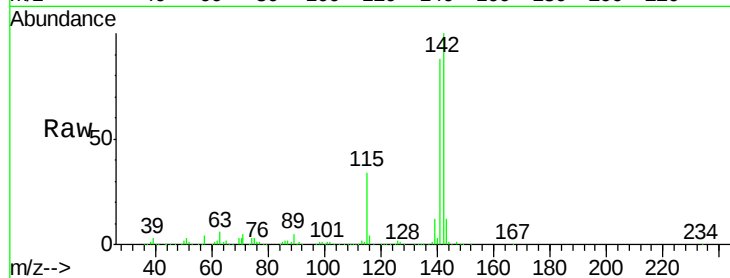
Tgt Ion:142 Resp: 1337429

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.6

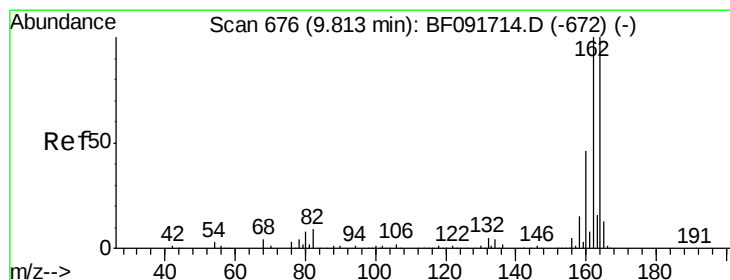
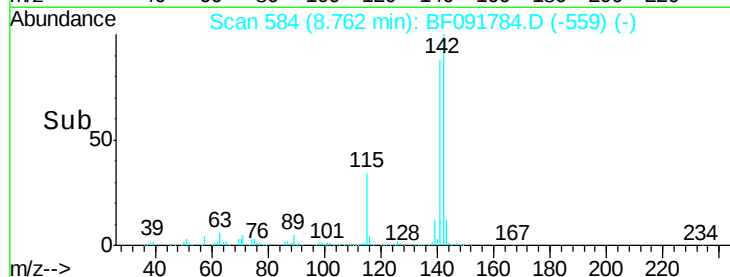
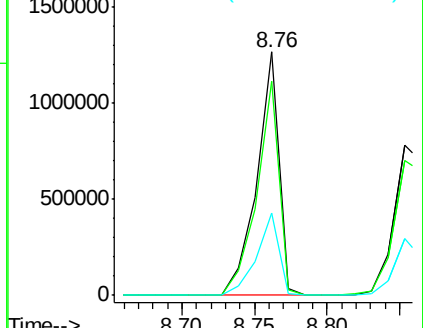
115 33.9 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

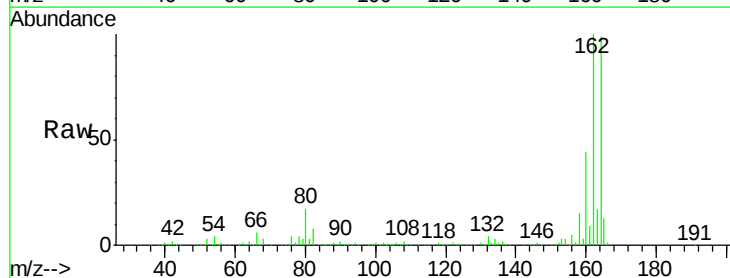
Tgt Ion:164 Resp: 544349

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

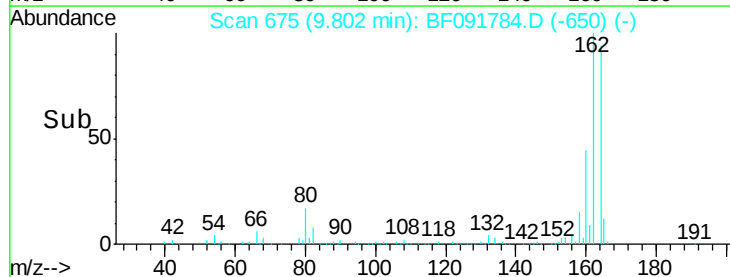
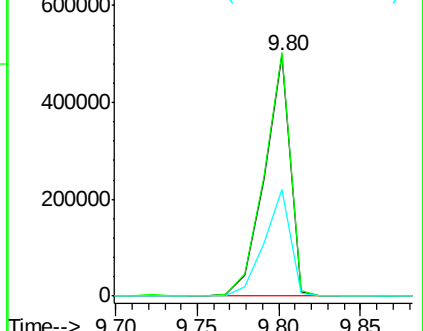
160 44.3 36.9 55.3

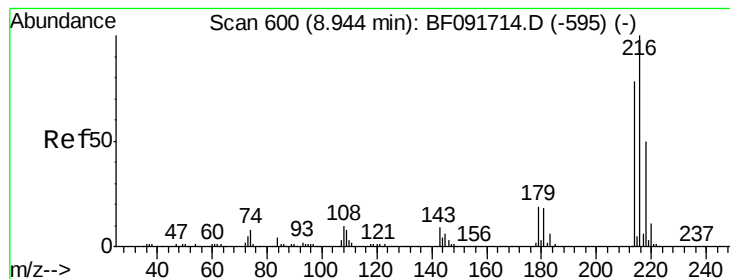


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.97 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

Tgt Ion:216 Resp: 528727

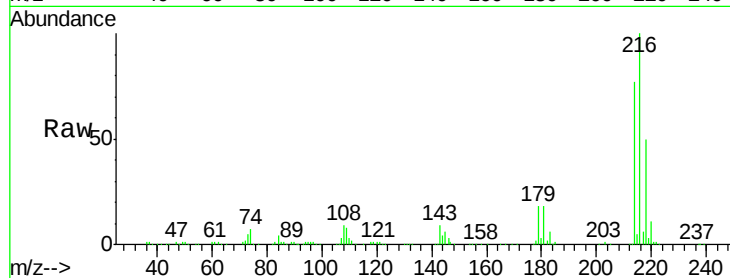
Ion Ratio Lower Upper

216 100

214 79.3 63.4 95.0

179 22.0 17.4 26.2

108 21.5 15.6 23.4

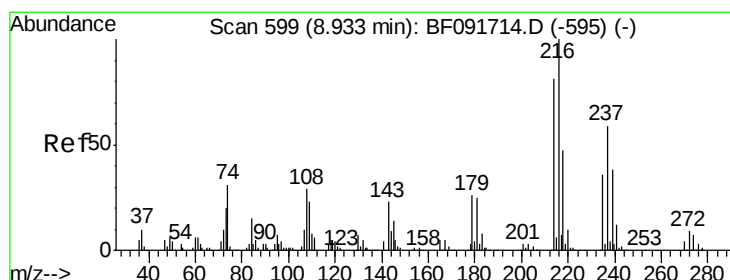
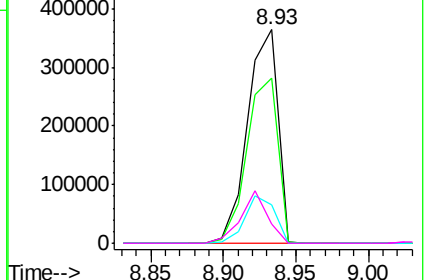
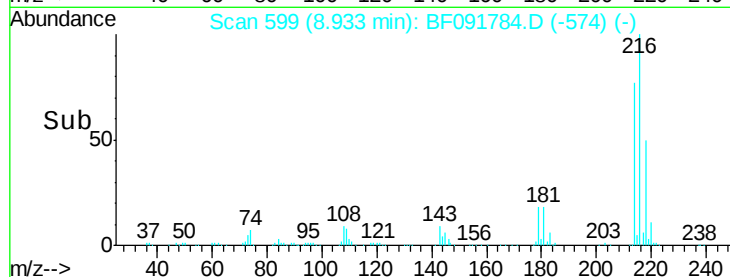


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 80.75 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.02 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

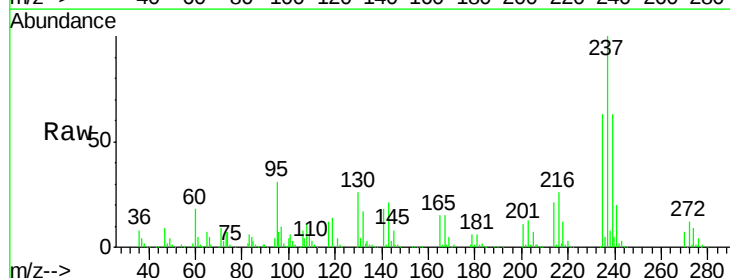
Tgt Ion:237 Resp: 464397

Ion Ratio Lower Upper

237 100

235 63.3 41.2 81.2

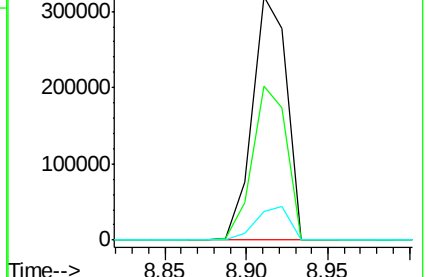
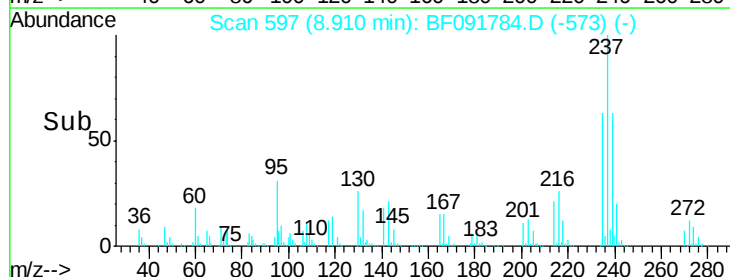
272 11.9 0.0 35.4

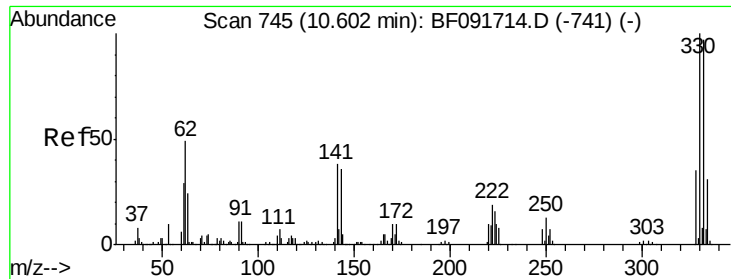


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

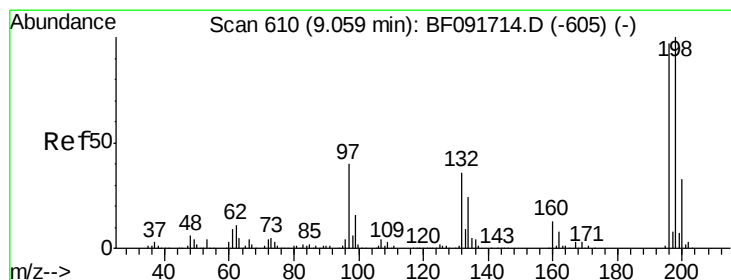
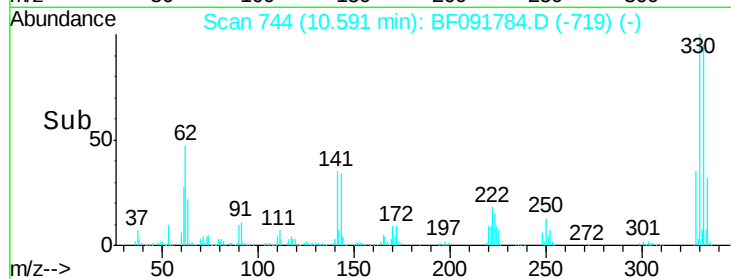
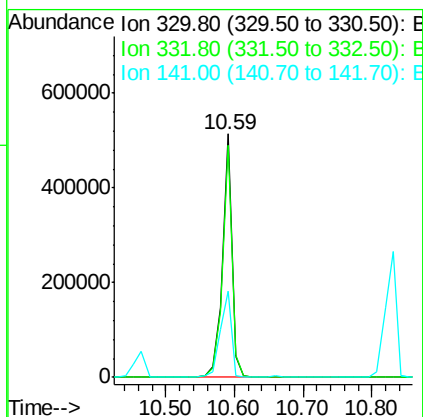
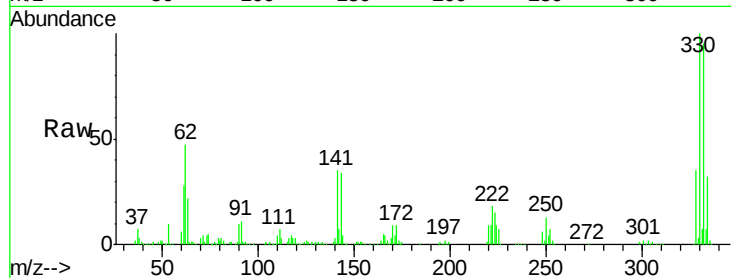




#41
 2,4,6-Tribromophenol
 Concen: 110.57 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

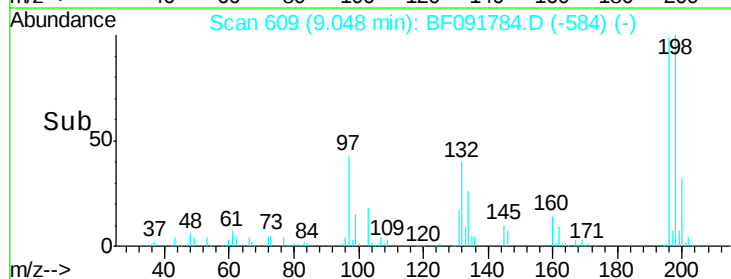
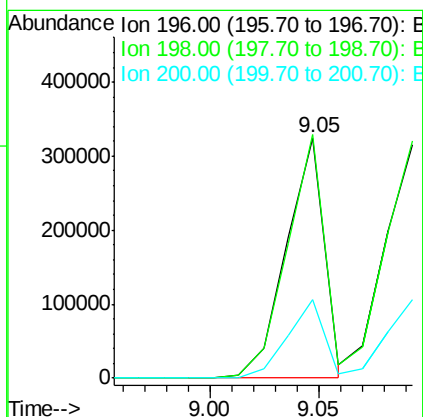
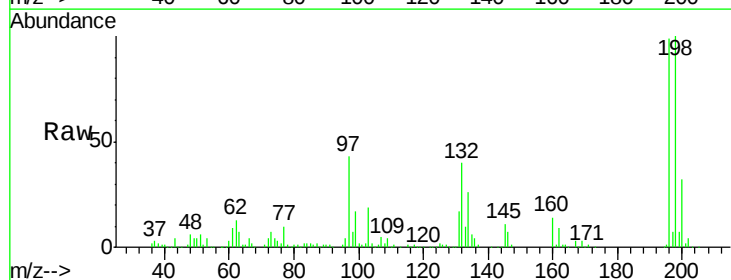
Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

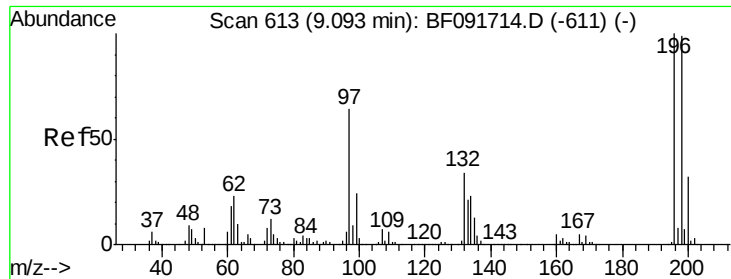
Tgt Ion:330 Resp: 510371
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 41.0 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 40.82 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion:196 Resp: 395733
 Ion Ratio Lower Upper
 196 100
 198 101.3 82.1 123.1
 200 32.9 27.0 40.4

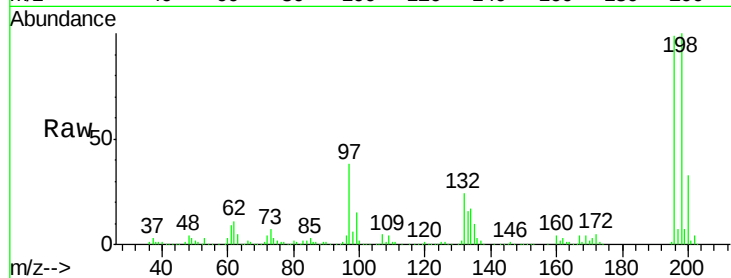




#43
 2,4,5-Trichlorophenol
 Concen: 41.16 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.4	79.4	119.2
97	38.0	51.5	77.3#
132	24.8	27.4	41.2#



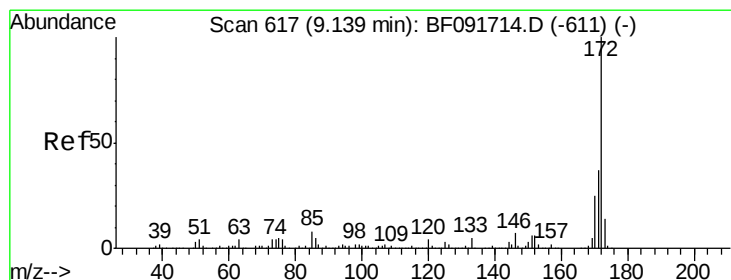
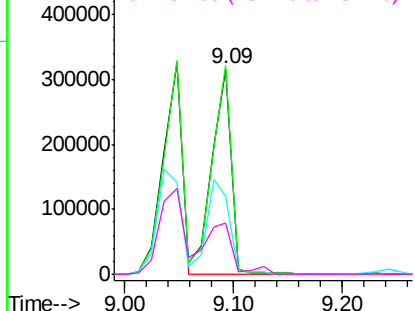
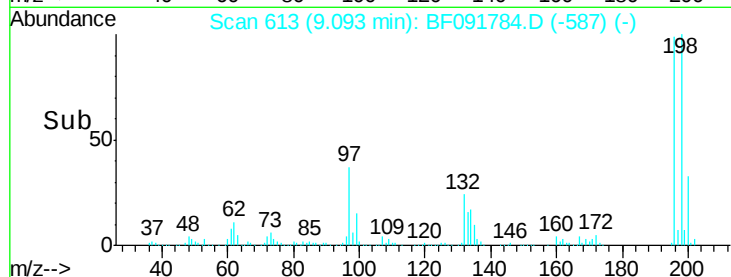
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

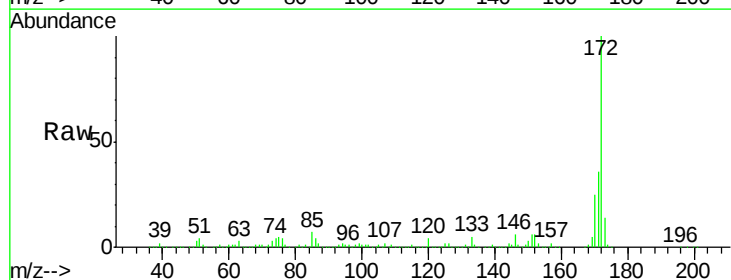
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.16 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	25.2	20.2	30.4

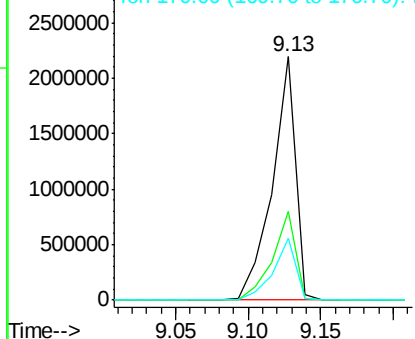
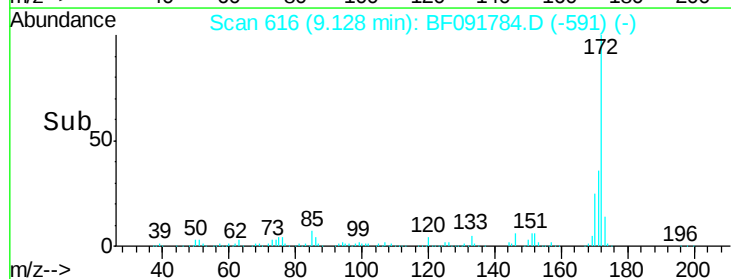


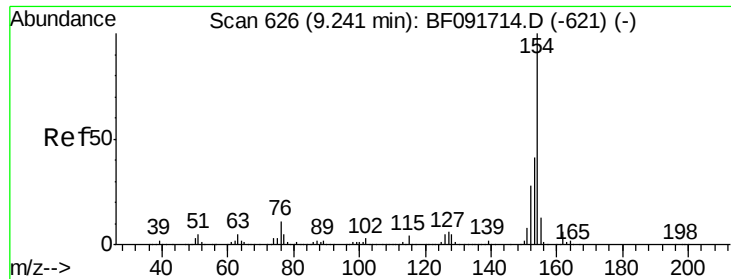
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

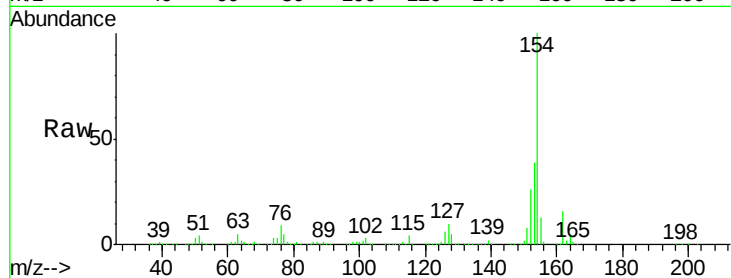




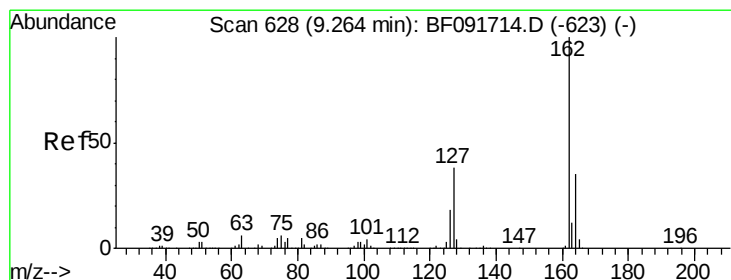
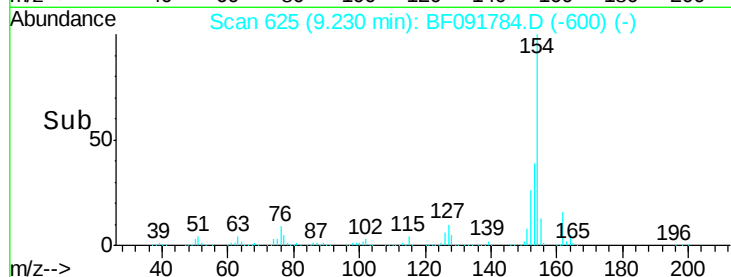
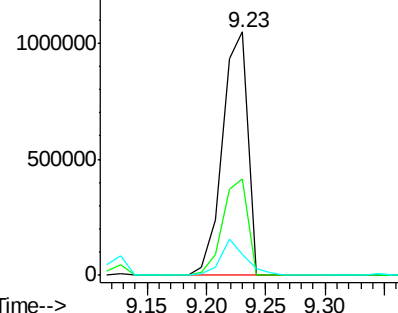
#45
 1,1'-Biphenyl
 Concen: 39.63 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

Tgt Ion:154 Resp: 1546142
 Ion Ratio Lower Upper
 154 100
 153 39.4 20.9 60.9
 76 8.6 0.0 30.5

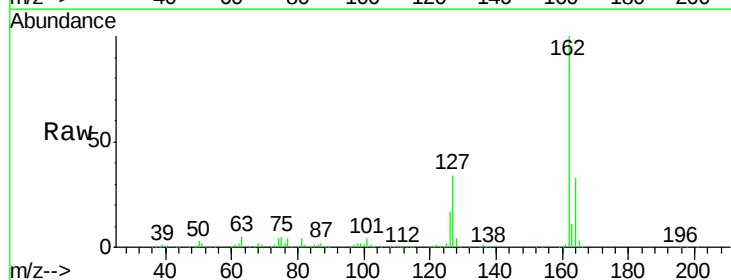


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

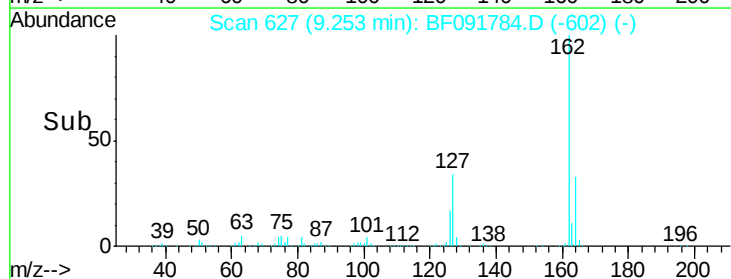
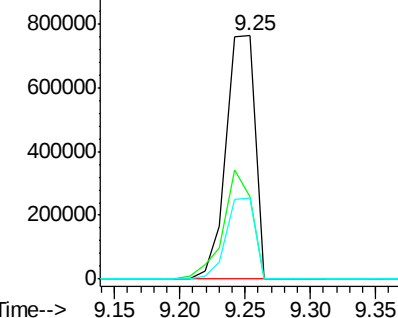


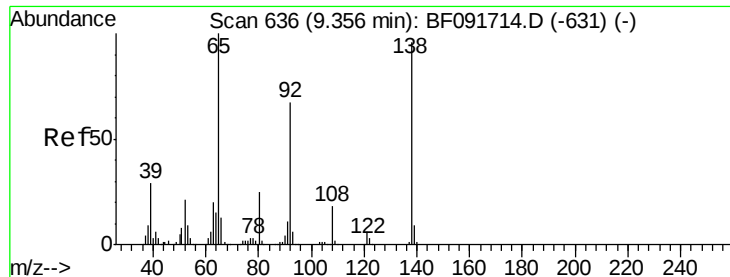
#46
 2-Chloronaphthalene
 Concen: 40.39 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion:162 Resp: 1177649
 Ion Ratio Lower Upper
 162 100
 127 33.9 30.7 46.1
 164 33.5 27.6 41.4



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

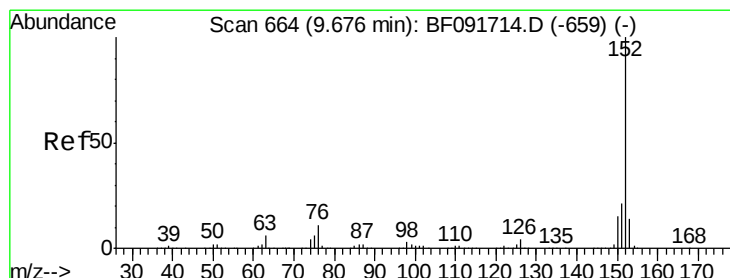
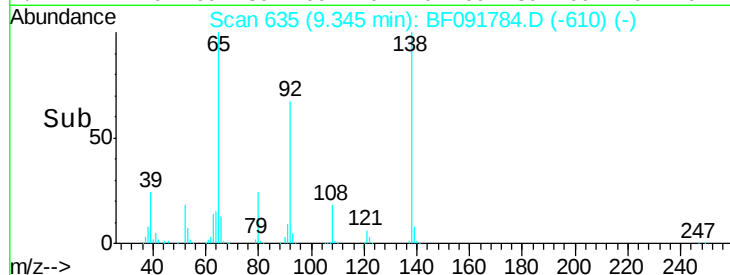
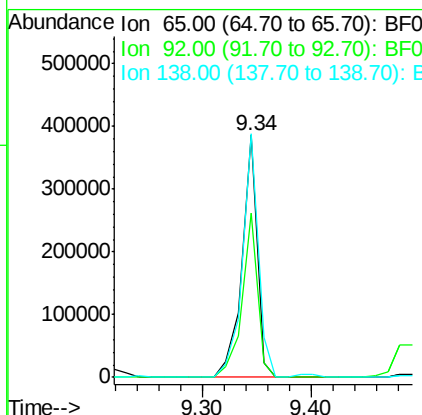
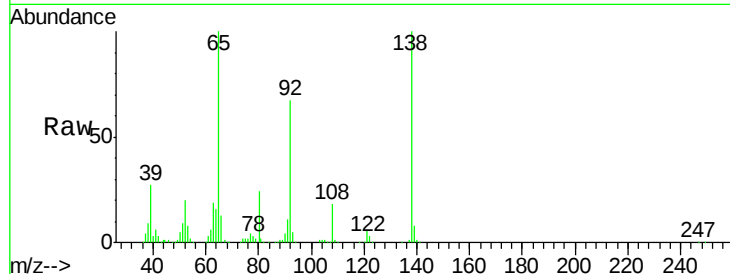




#47
2-Nitroaniline
Concen: 37.42 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

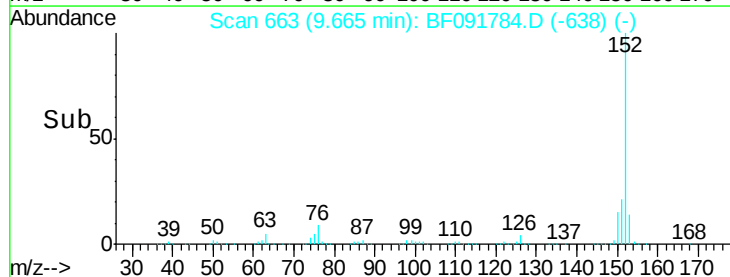
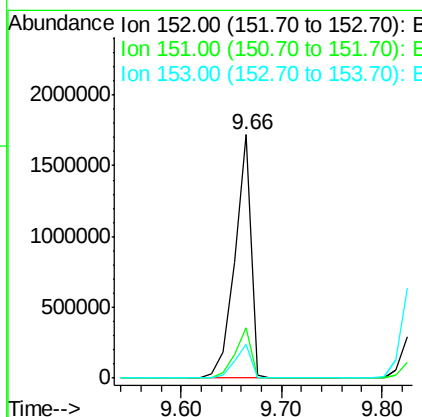
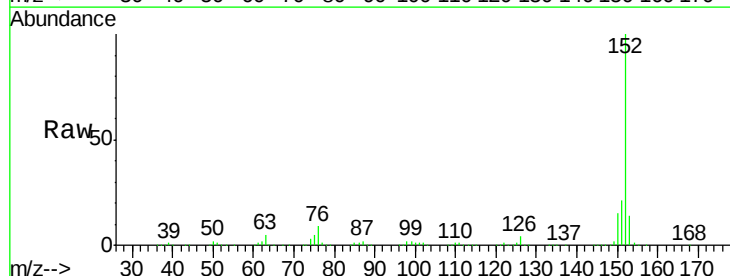
Instrument :
BNA_F
ClientSampleId :
PB95441BS

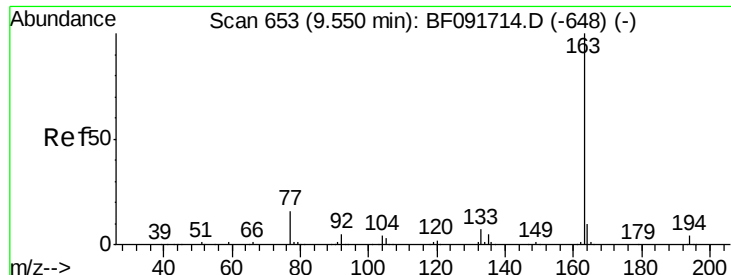
Tgt Ion: 65 Resp: 372490
Ion Ratio Lower Upper
65 100
92 67.7 53.9 80.9
138 100.5 76.8 115.2



#48
Acenaphthylene
Concen: 42.09 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion: 152 Resp: 1901396
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 13.8 11.4 17.2

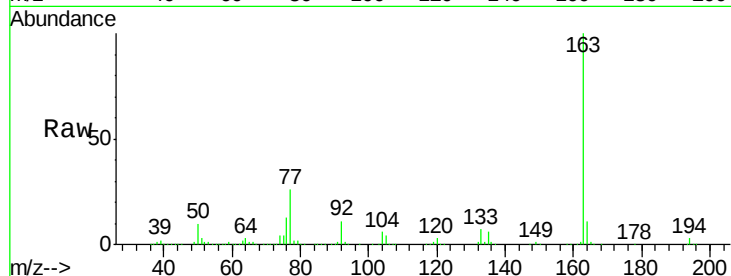




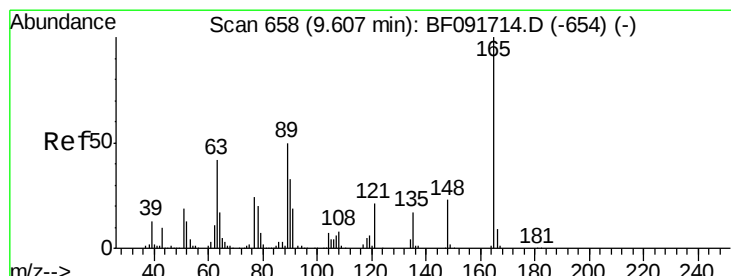
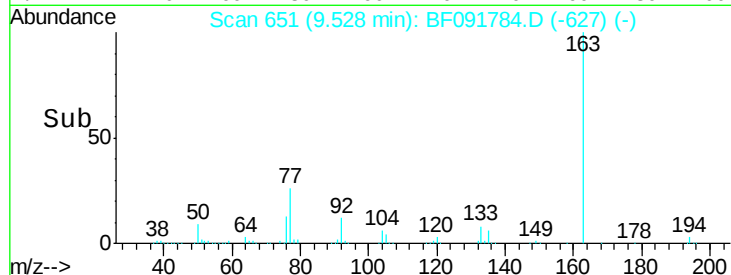
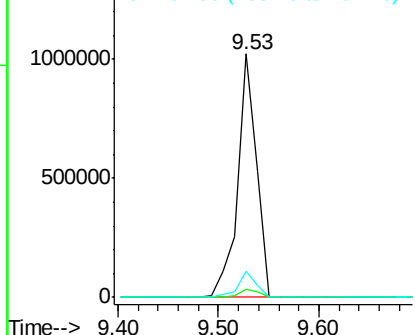
#49
Dimethylphthalate
Concen: 37.21 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB95441BS

Tgt Ion:163 Resp: 1323114
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.5 8.0 12.0

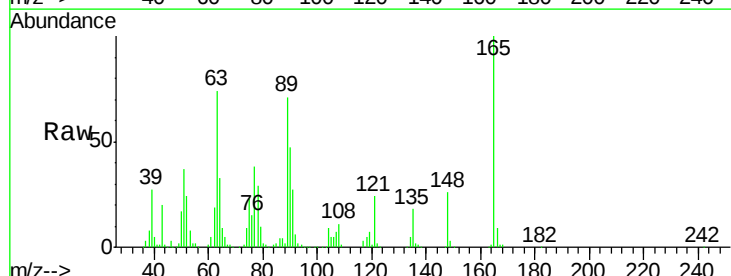


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

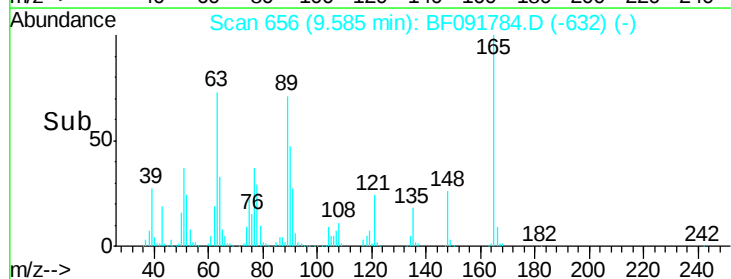
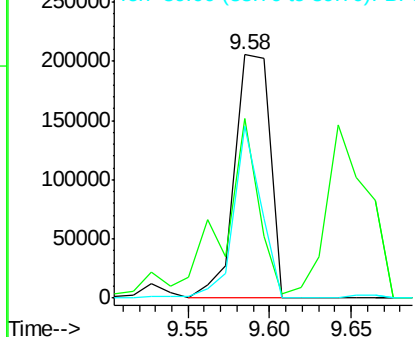


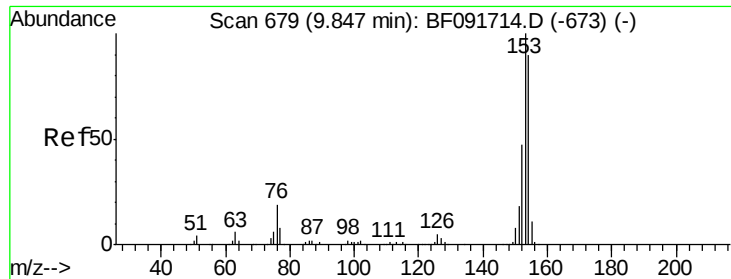
#50
2,6-Dinitrotoluene
Concen: 39.28 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion:165 Resp: 306268
Ion Ratio Lower Upper
165 100
63 73.6 36.2 54.4#
89 70.8 40.2 60.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.17 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

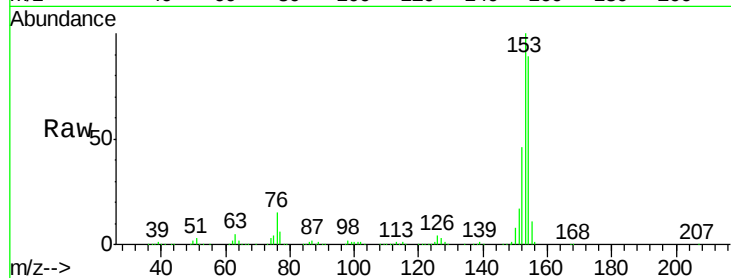
Tgt Ion:154 Resp: 1245688

Ion Ratio Lower Upper

154 100

153 112.1 88.6 133.0

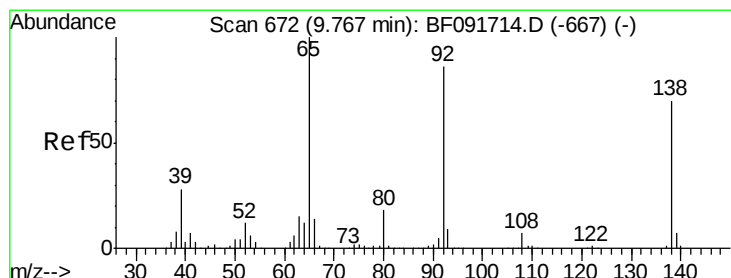
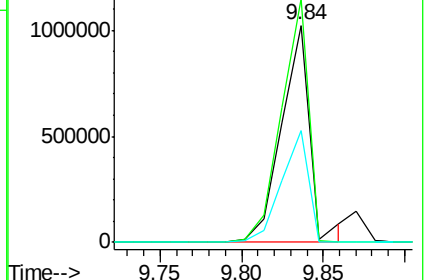
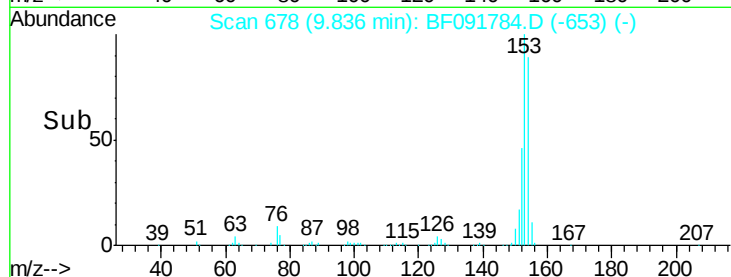
152 51.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.84 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

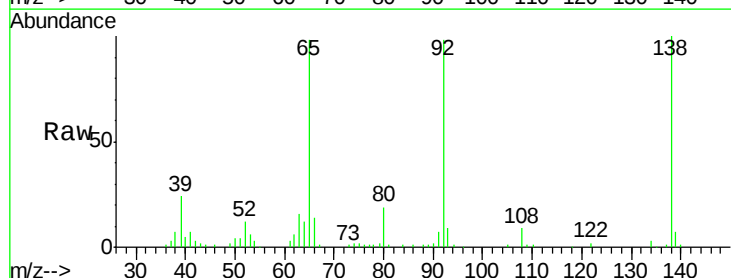
Tgt Ion:138 Resp: 76142

Ion Ratio Lower Upper

138 100

108 9.2 8.5 12.7

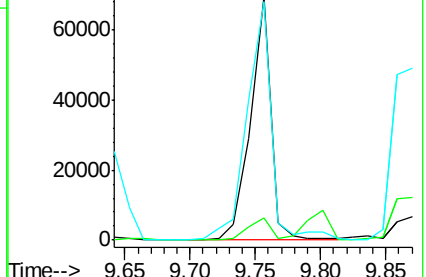
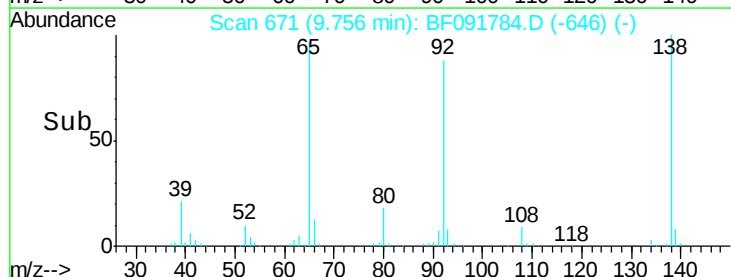
92 98.2 97.8 146.8

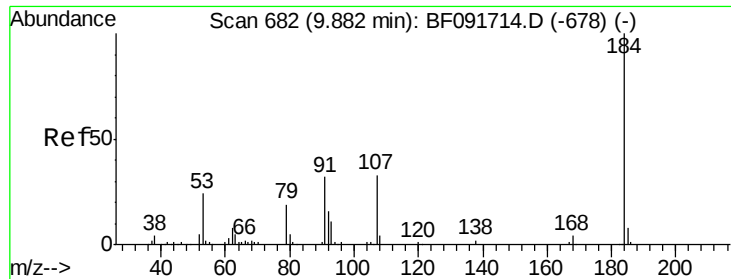


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

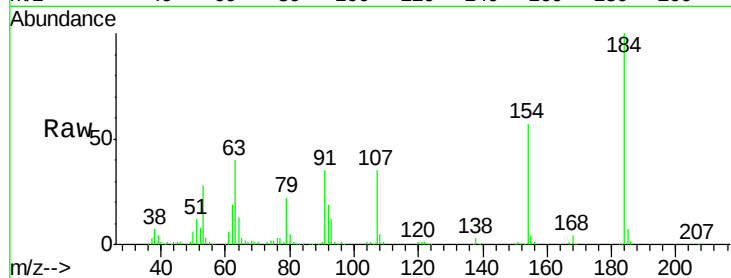




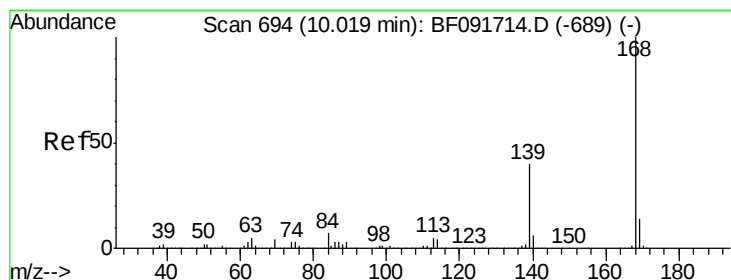
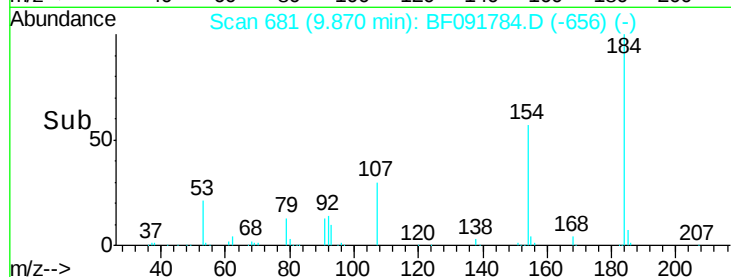
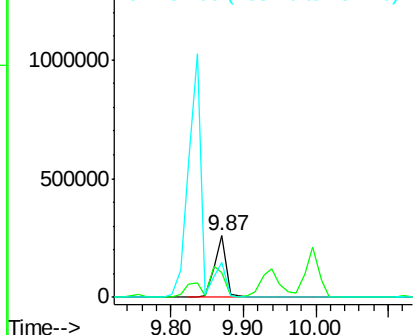
#53
2,4-Dinitrophenol
Concen: 70.05 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB95441BS

Tgt Ion:184 Resp: 295033
Ion Ratio Lower Upper
184 100
63 40.2 28.4 42.6
154 56.8 44.3 66.5

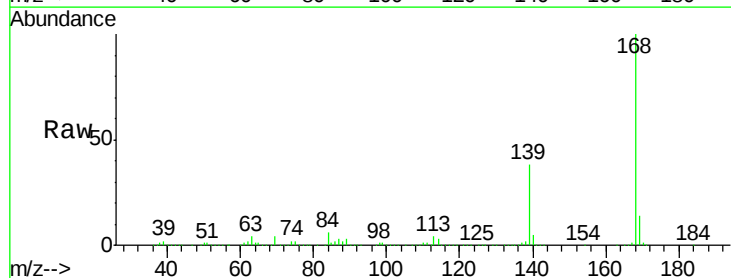


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

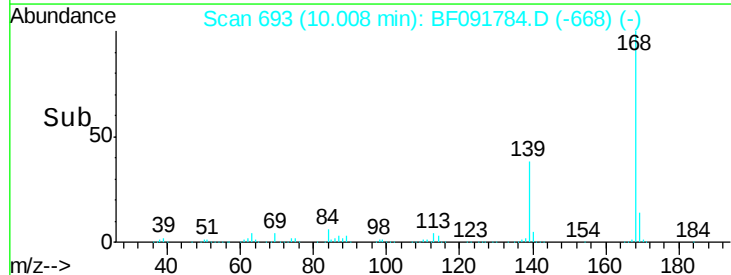
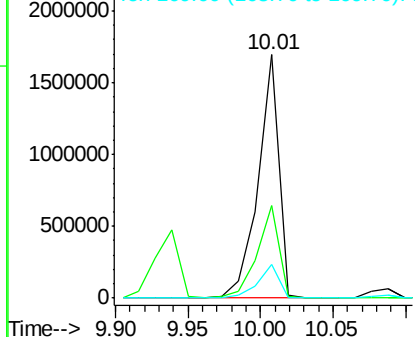


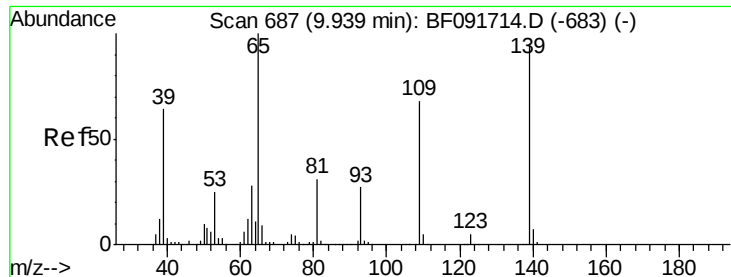
#54
Dibenzofuran
Concen: 45.68 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion:168 Resp: 1684315
Ion Ratio Lower Upper
168 100
139 38.3 32.6 49.0
169 13.8 11.3 16.9



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





#55

4-Nitrophenol

Concen: 83.24 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

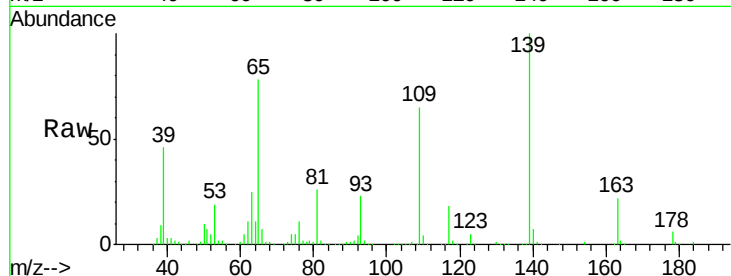
Tgt Ion:139 Resp: 561108

Ion Ratio Lower Upper

139 100

109 64.5 52.2 92.2

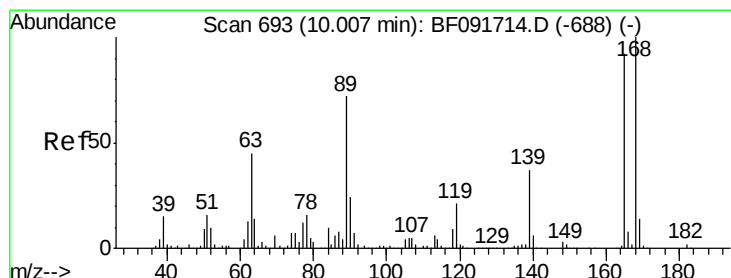
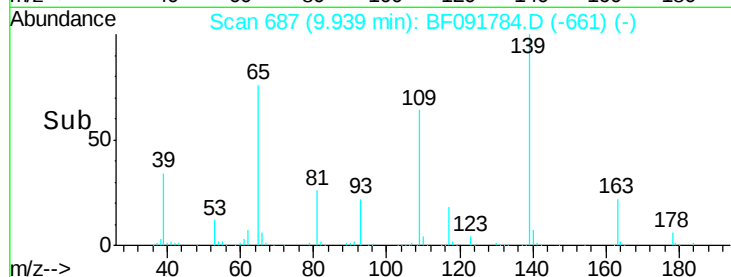
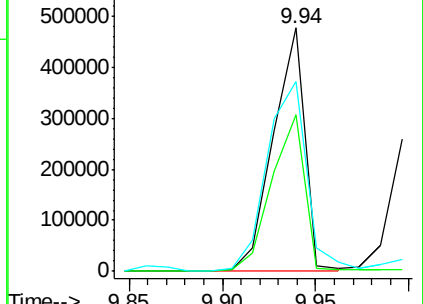
65 77.8 85.8 125.8#



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): E



#56

2,4-Dinitrotoluene

Concen: 44.71 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tgt Ion:165 Resp: 435392

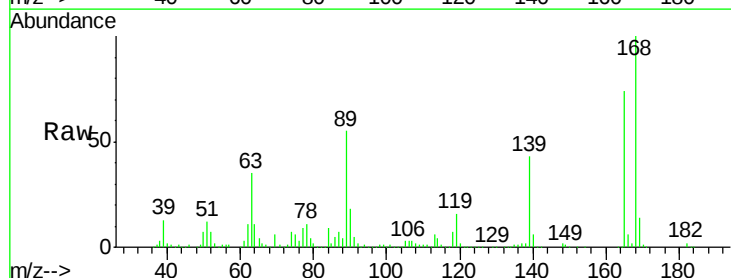
Ion Ratio Lower Upper

165 100

63 47.5 40.2 60.4

89 74.3 62.5 93.7

182 2.2 1.8 2.8

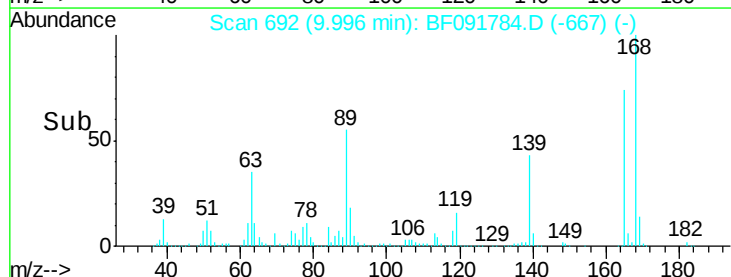
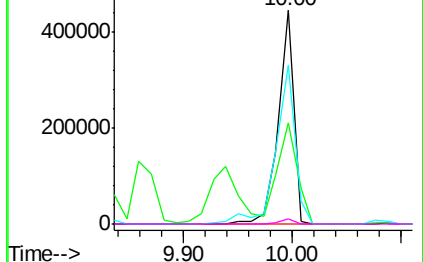


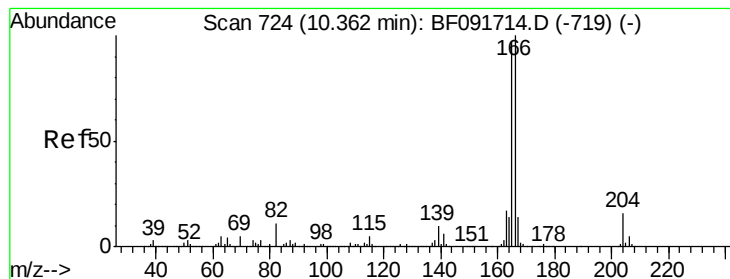
Abundance Ion 165.00 (164.70 to 165.70): E

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: 44.08 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

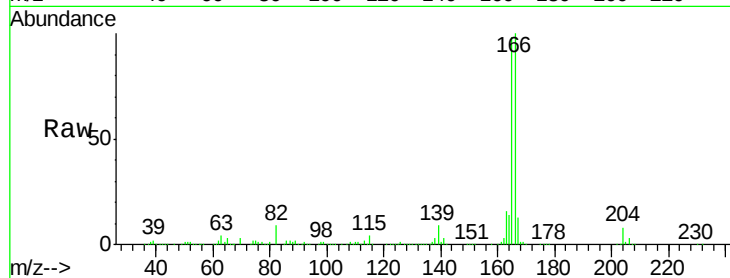
Tgt Ion:166 Resp: 1262472

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

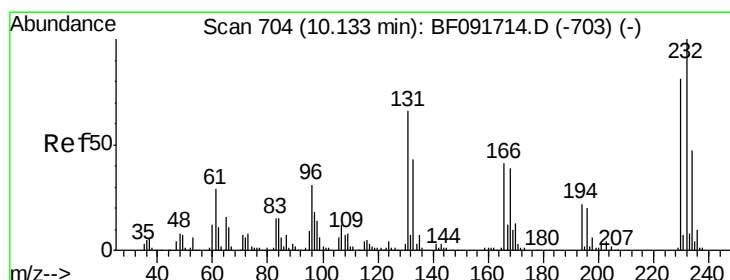
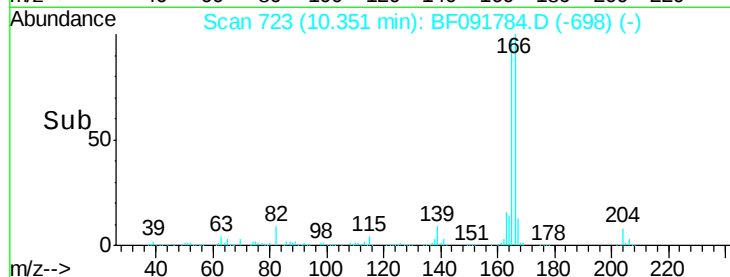
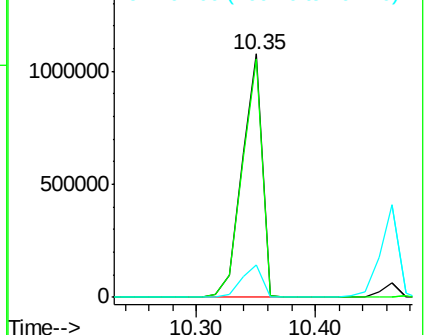
167 13.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.83 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tgt Ion:232 Resp: 305737

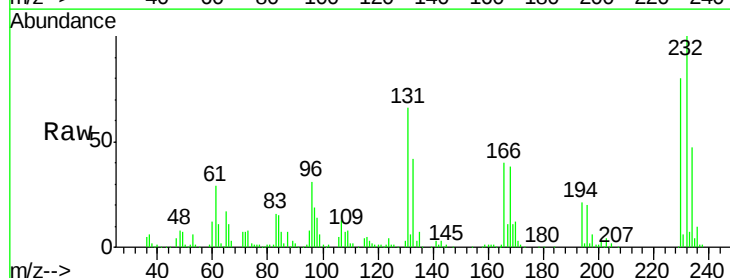
Ion Ratio Lower Upper

232 100

131 50.0 40.1 60.1

130 2.4 1.8 2.8

166 32.6 26.6 39.8

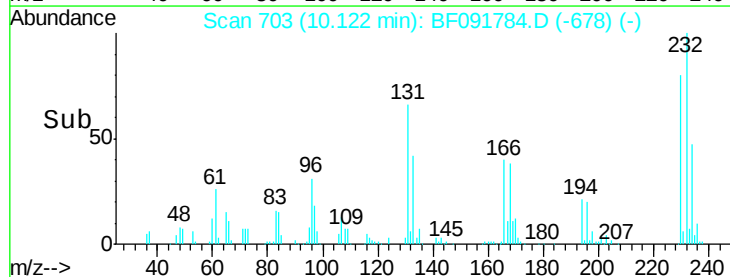
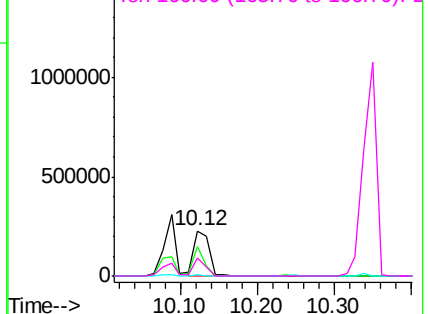


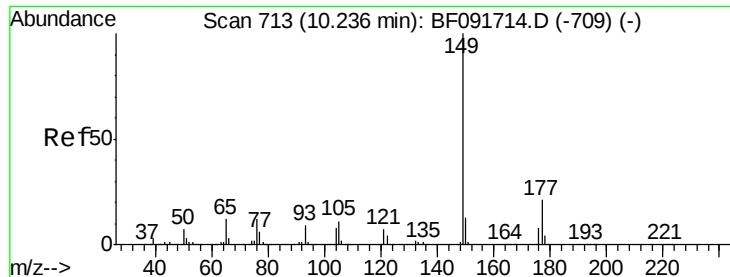
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

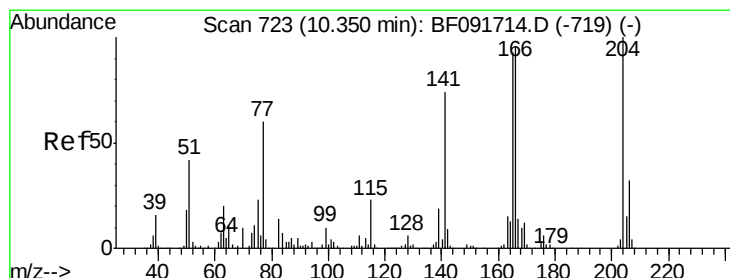
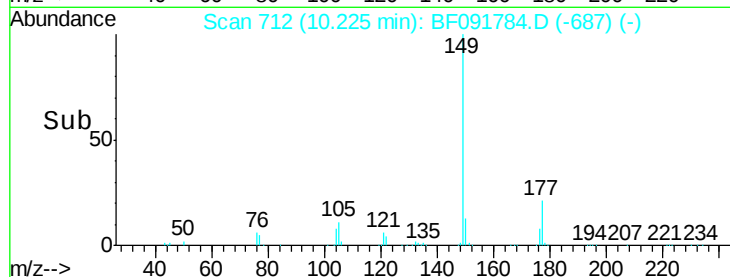
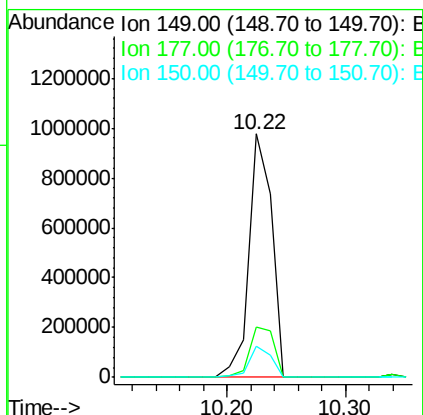
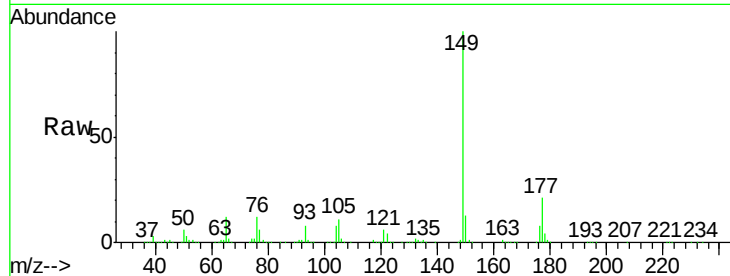




#59
Diethylphthalate
Concen: 37.61 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

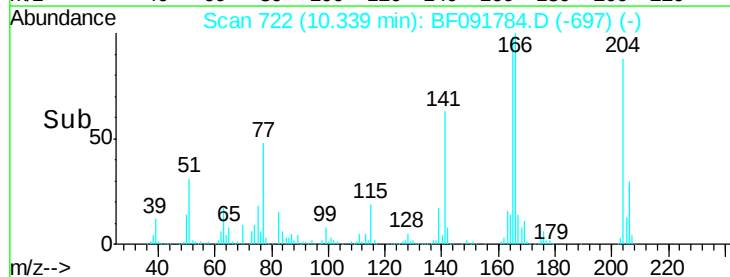
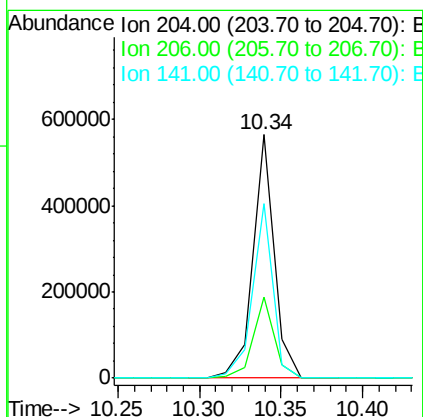
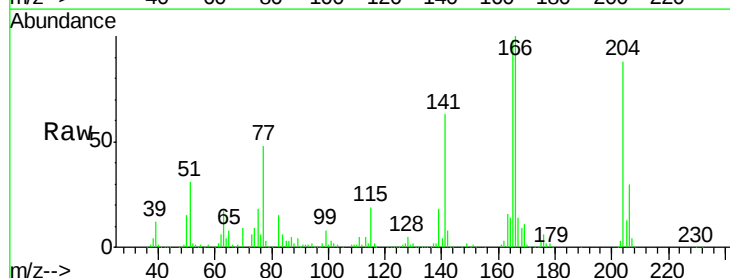
Instrument :
BNA_F
ClientSampleId :
PB95441BS

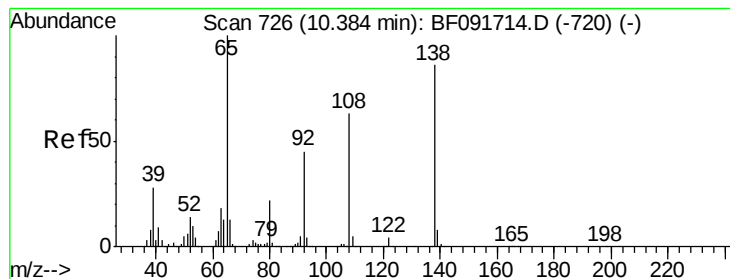
Tgt Ion:149 Resp: 1314731
Ion Ratio Lower Upper
149 100
177 20.6 16.6 25.0
150 12.6 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 39.24 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion:204 Resp: 511829
Ion Ratio Lower Upper
204 100
206 33.5 25.8 38.6
141 71.8 59.4 89.0





#61

4-Nitroaniline

Concen: 36.38 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

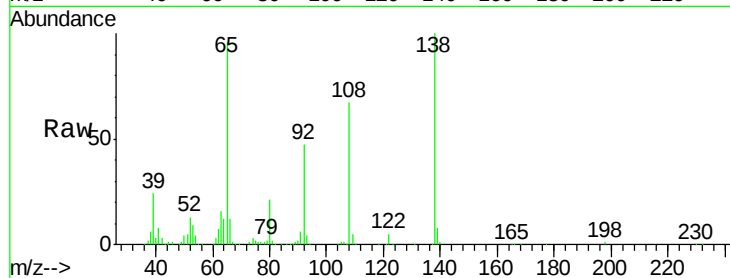
Tgt Ion:138 Resp: 334582

Ion Ratio Lower Upper

138 100

92 47.1 31.7 71.7

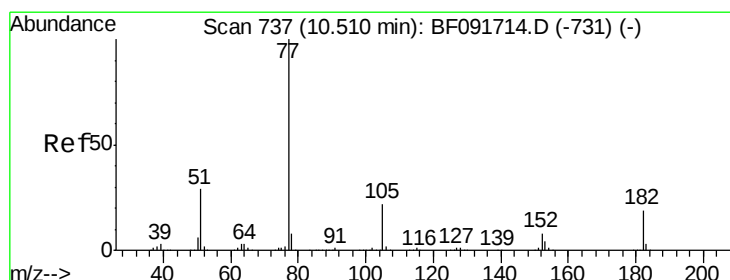
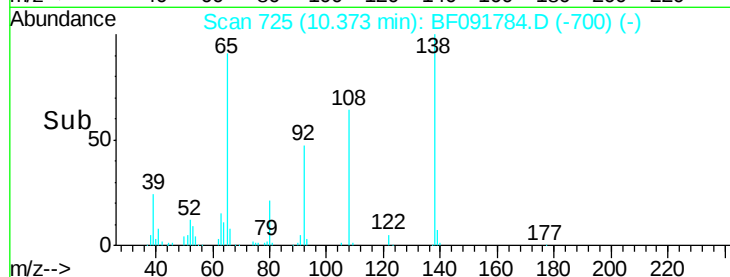
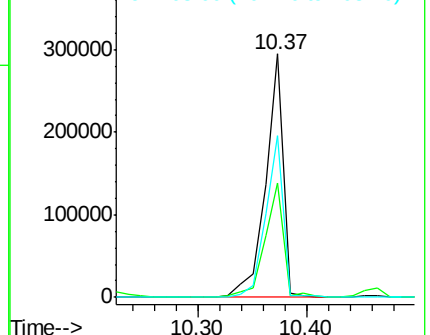
108 66.6 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.57 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tgt Ion: 77 Resp: 1508894

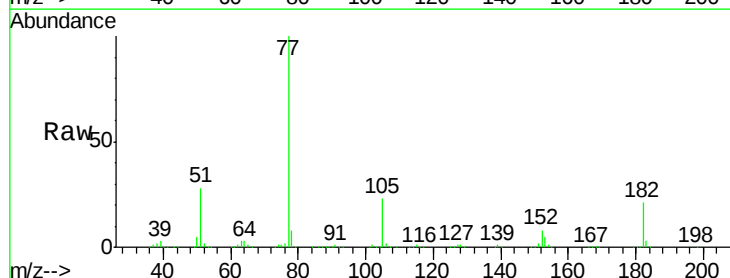
Ion Ratio Lower Upper

77 100

182 21.0 0.0 39.3

105 23.2 2.3 42.3

51 28.1 8.9 48.9

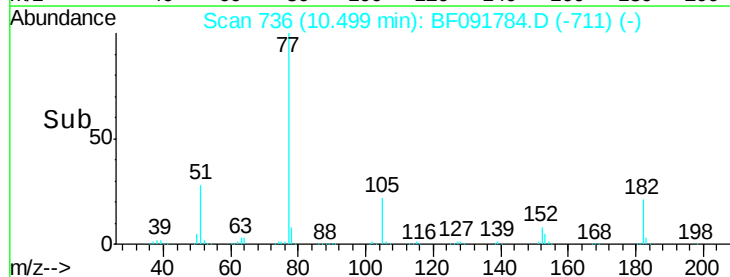
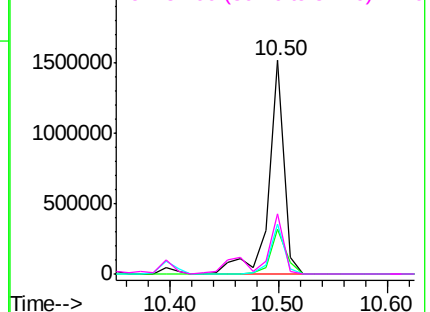


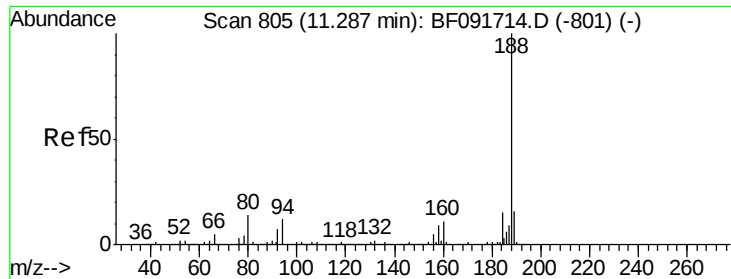
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

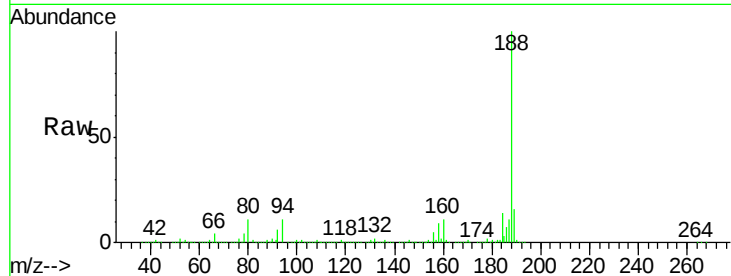




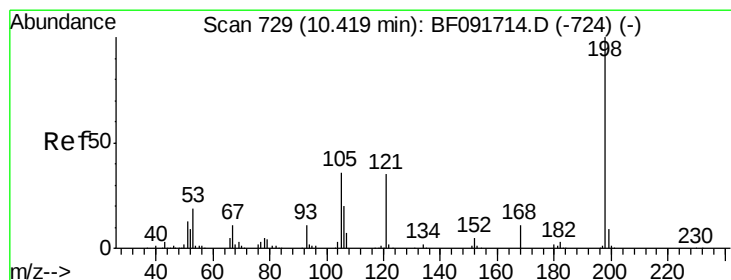
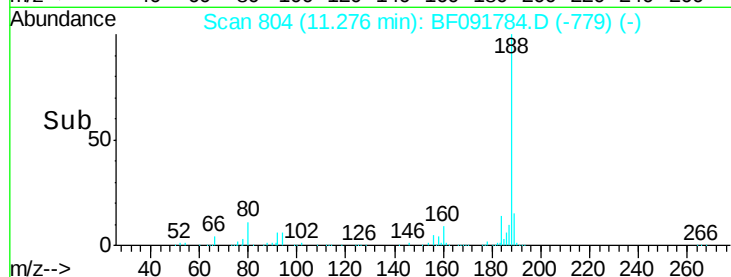
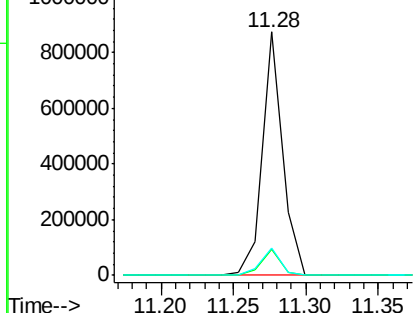
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB95441BS

Tgt Ion:188 Resp: 848645
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 11.3 11.2 16.8

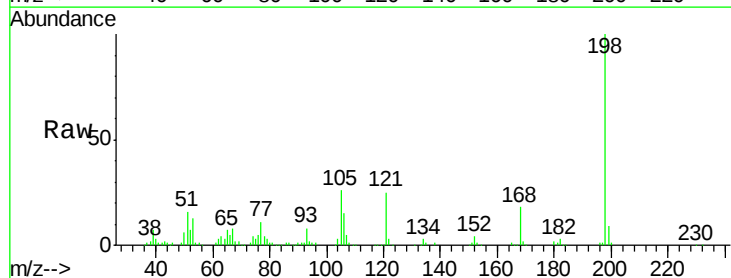


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

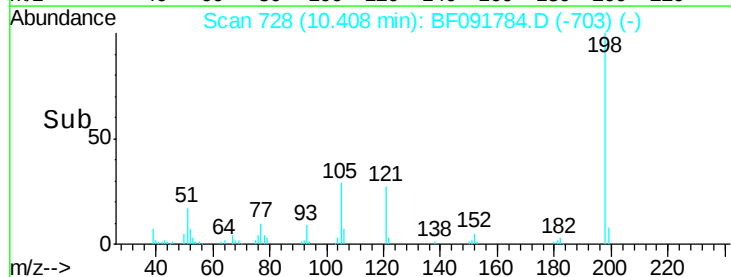
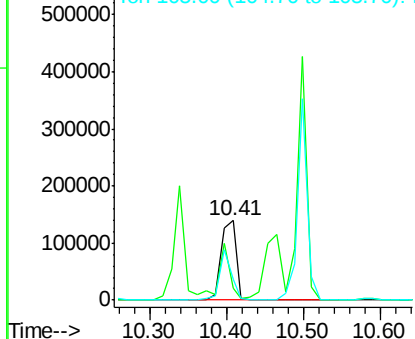


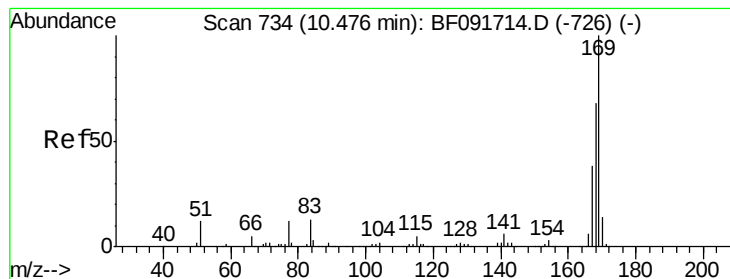
#64
4,6-Dinitro-2-methylphenol
Concen: 35.12 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion:198 Resp: 196587
Ion Ratio Lower Upper
198 100
51 15.8 6.7 46.7
105 26.2 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 44.39 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

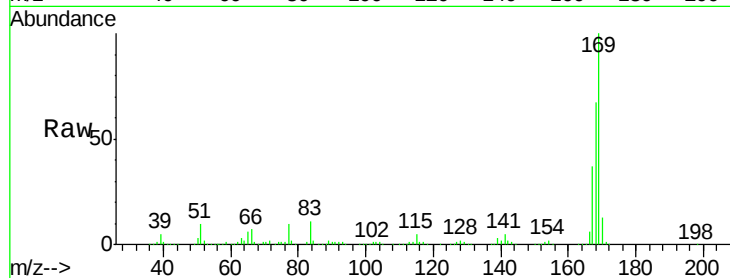
Tgt Ion:169 Resp: 1169898

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.2

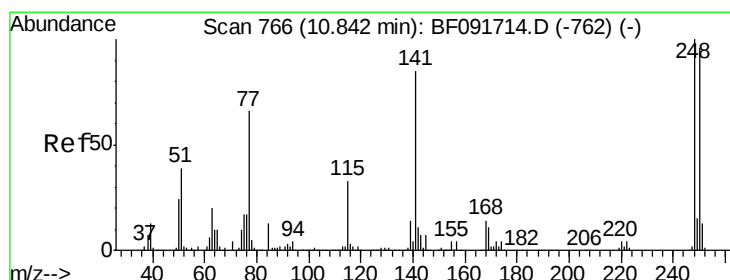
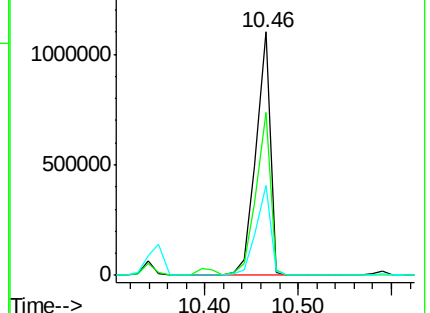
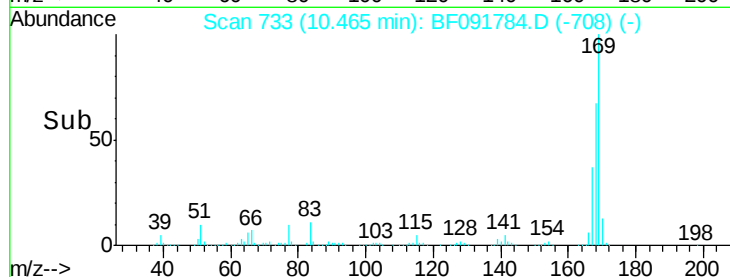
167 37.1 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.24 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

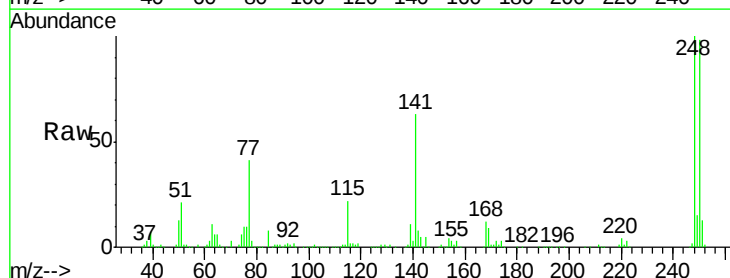
Tgt Ion:248 Resp: 384831

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

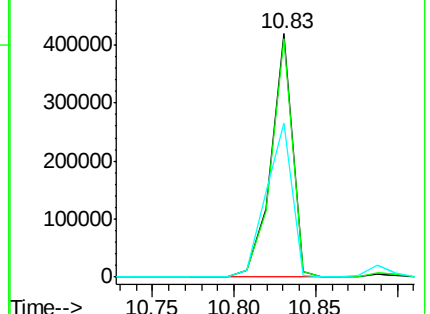
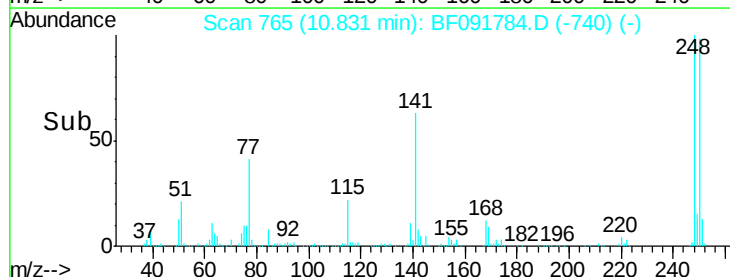
141 63.4 68.2 102.4#

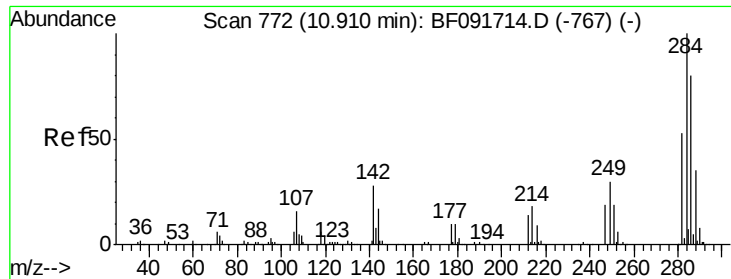


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

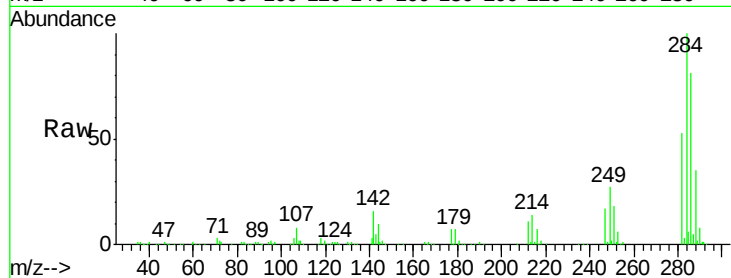




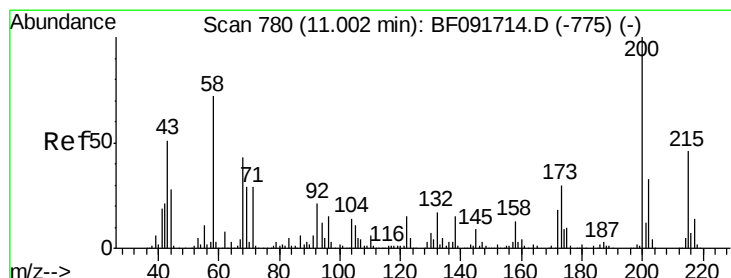
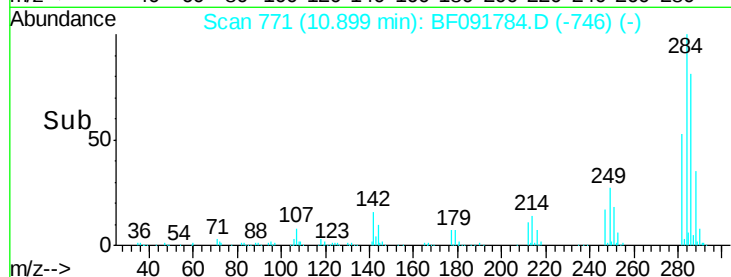
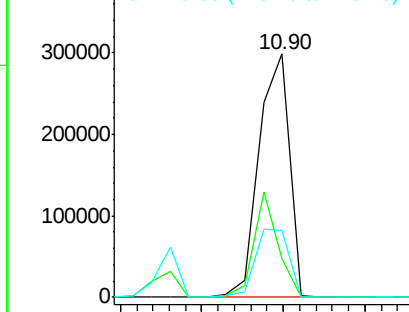
#67
Hexachlorobenzene
Concen: 41.50 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB95441BS

Tgt Ion:284 Resp: 386972
Ion Ratio Lower Upper
284 100
142 16.2 22.6 33.8#
249 27.3 25.4 38.0

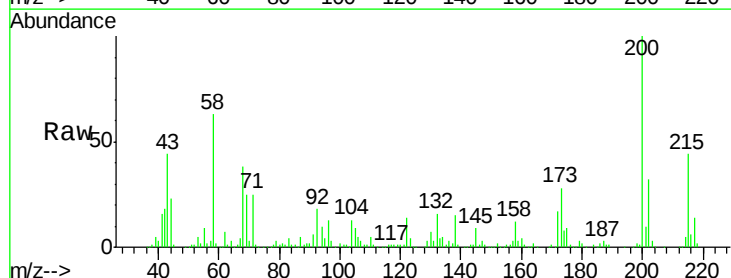


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

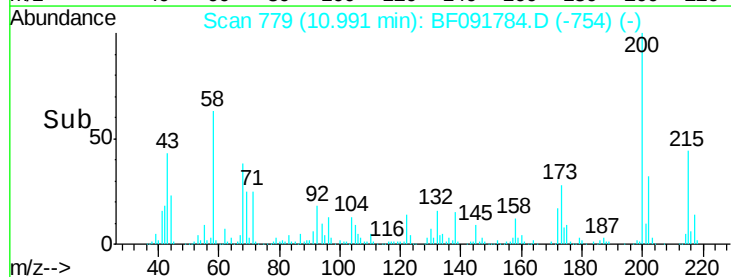
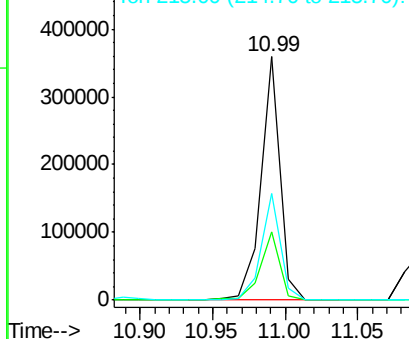


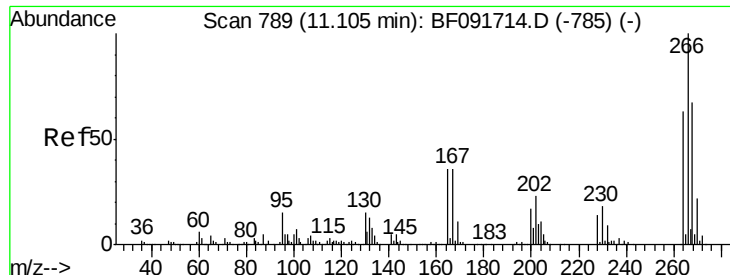
#68
Atrazine
Concen: 41.16 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion:200 Resp: 327753
Ion Ratio Lower Upper
200 100
173 27.9 9.6 49.6
215 43.8 25.7 65.7



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

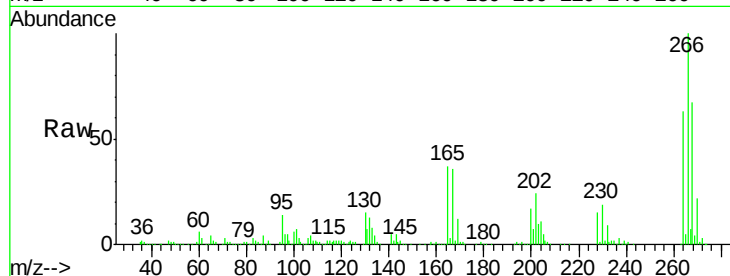




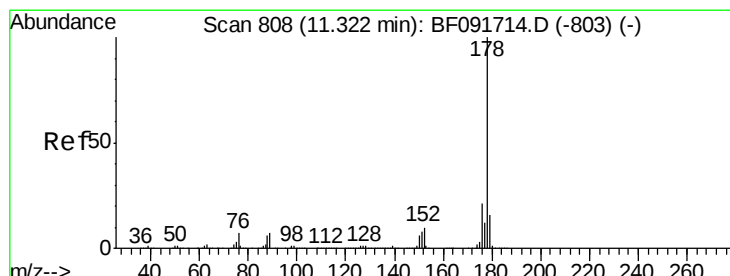
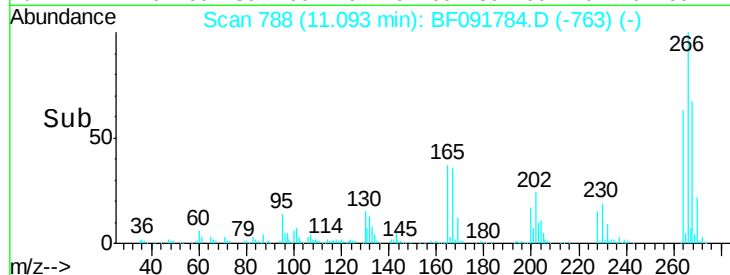
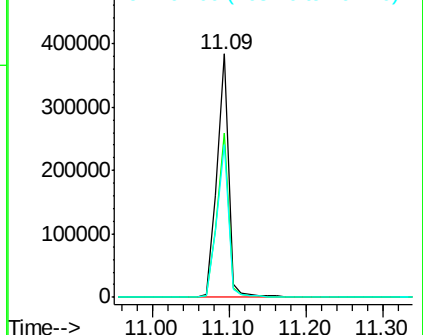
#69
 Pentachlorophenol
 Concen: 81.33 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

Tgt Ion:266 Resp: 409254
 Ion Ratio Lower Upper
 266 100
 268 67.3 53.3 79.9
 264 62.5 50.3 75.5

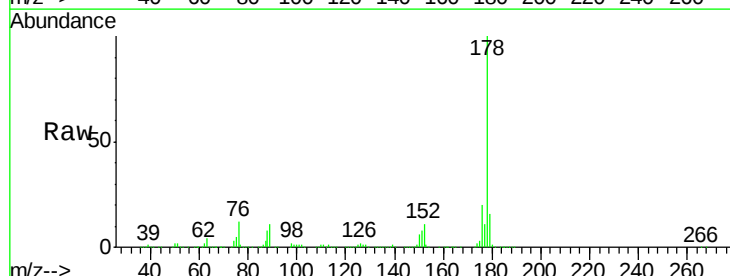


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

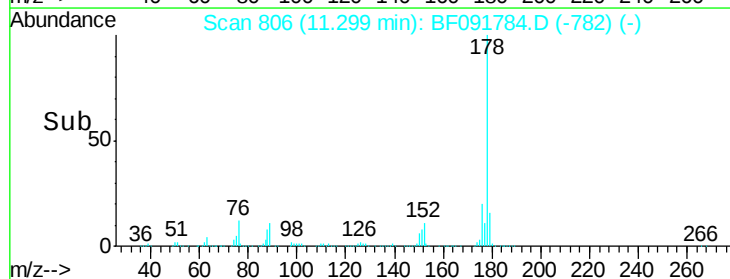
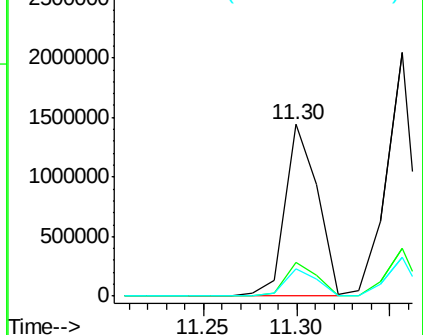


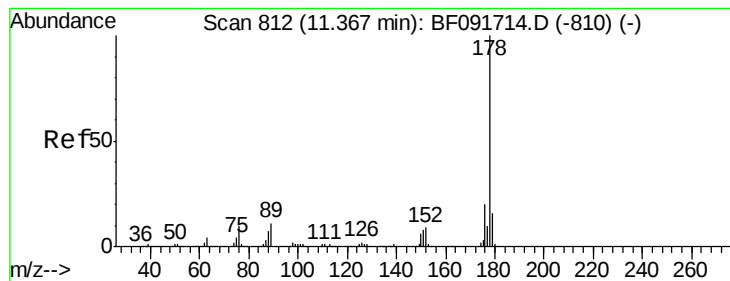
#70
 Phenanthrene
 Concen: 41.05 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion:178 Resp: 1740676
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.6 25.0
 179 16.2 12.8 19.2



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: 42.55 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

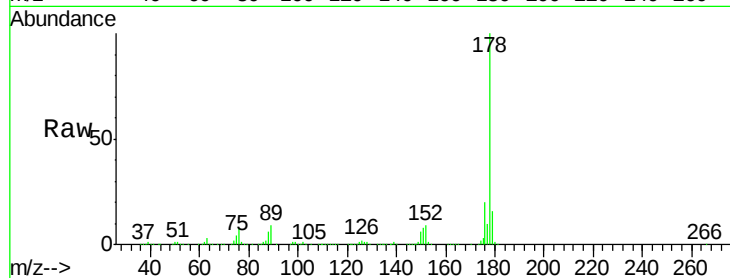
Tgt Ion:178 Resp: 1911129

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

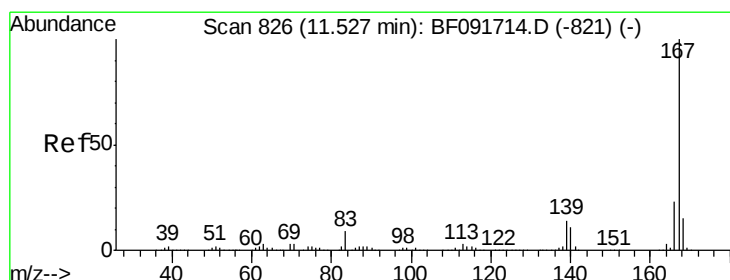
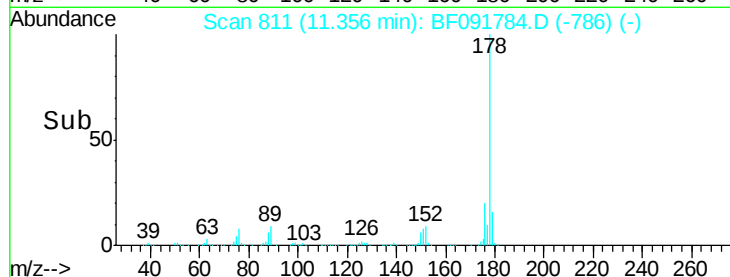
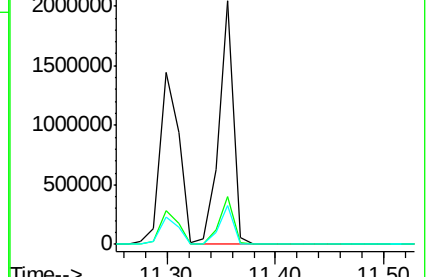
179 16.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.12 ng

RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

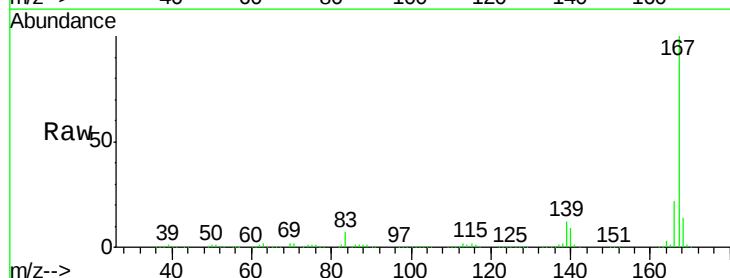
Tgt Ion:167 Resp: 1772158

Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.2

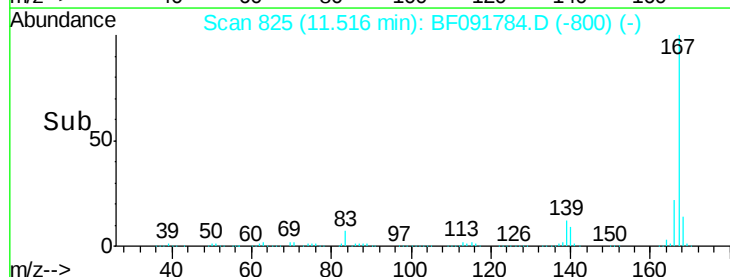
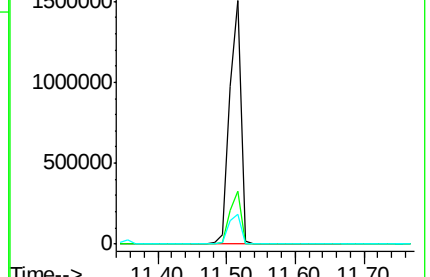
139 12.1 11.4 17.2

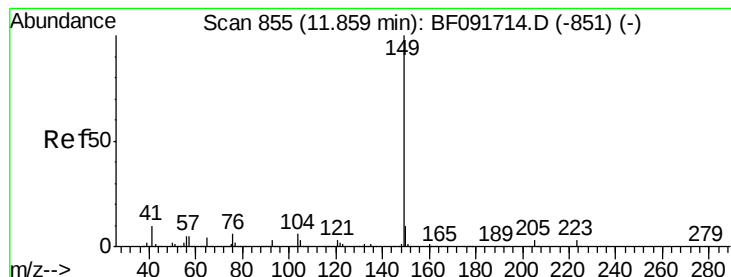


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.35 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

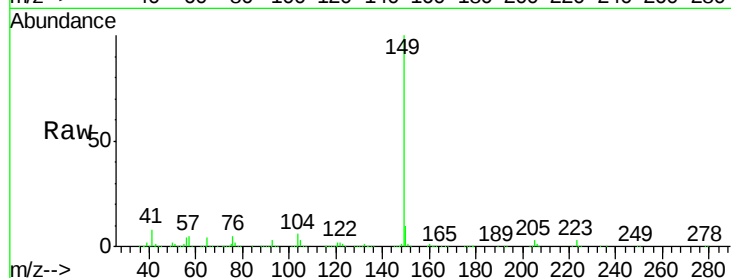
Tgt Ion:149 Resp: 1981452

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

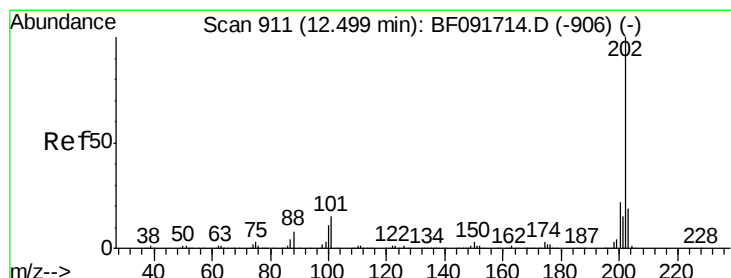
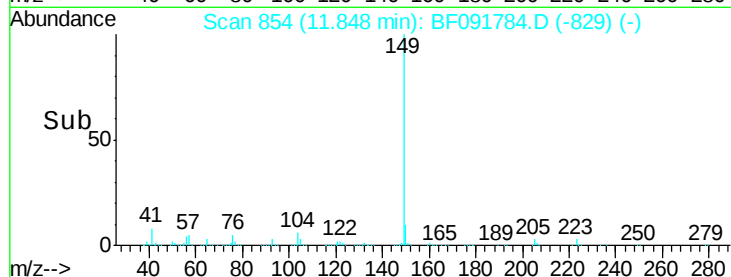
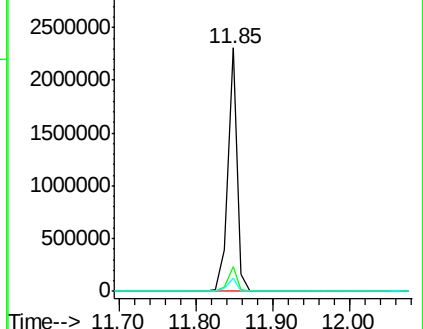
104 5.5 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.72 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

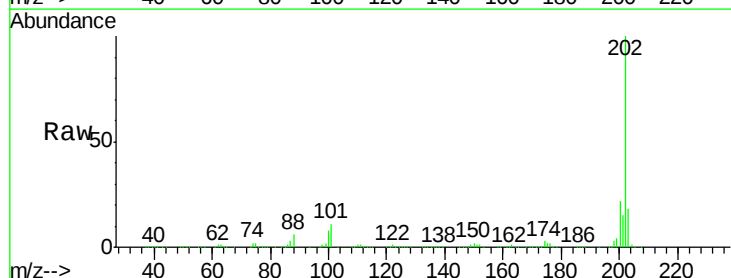
Tgt Ion:202 Resp: 1847578

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.6

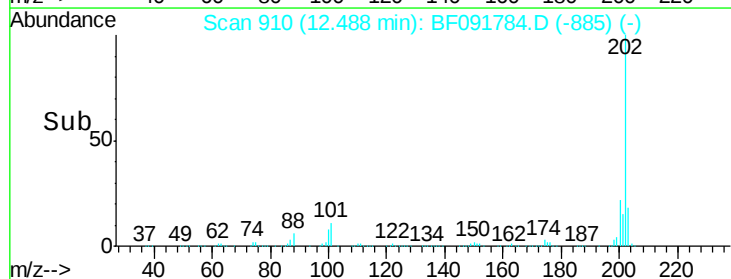
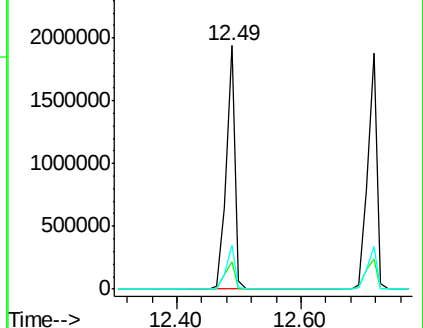
203 18.1 0.0 38.7

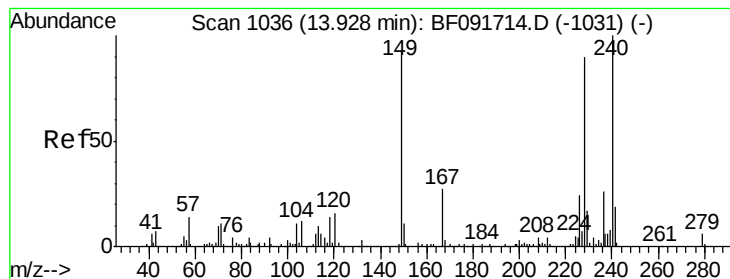


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

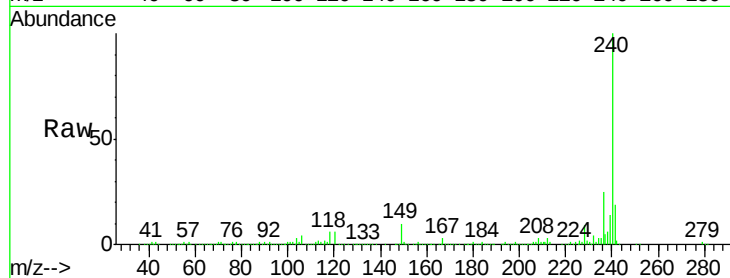
Tgt Ion:240 Resp: 550381

Ion Ratio Lower Upper

240 100

120 6.4 12.9 19.3#

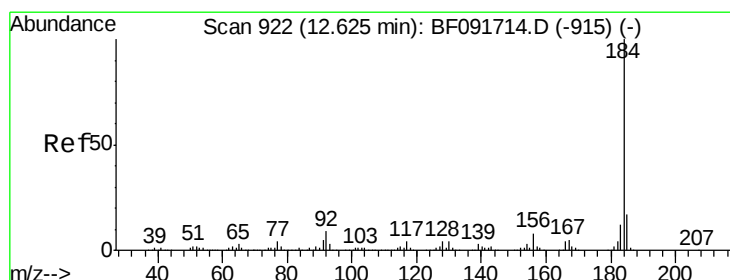
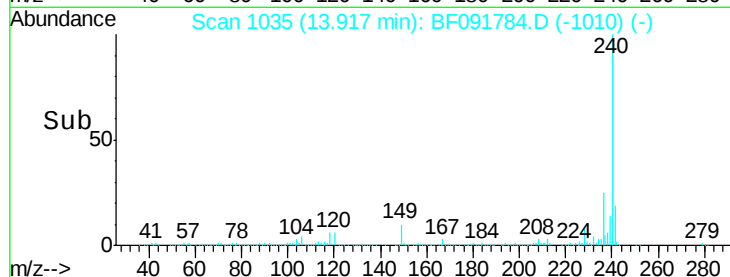
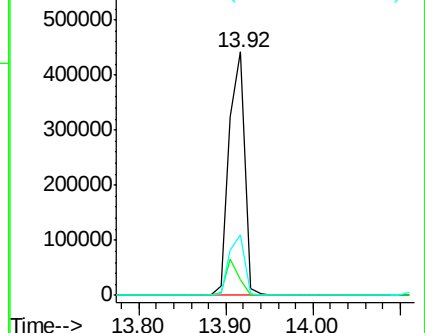
236 25.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.84 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

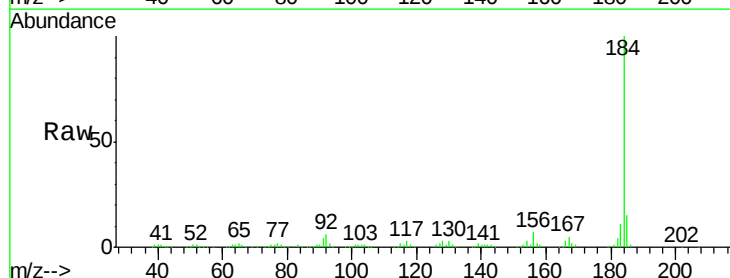
Tgt Ion:184 Resp: 266797

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

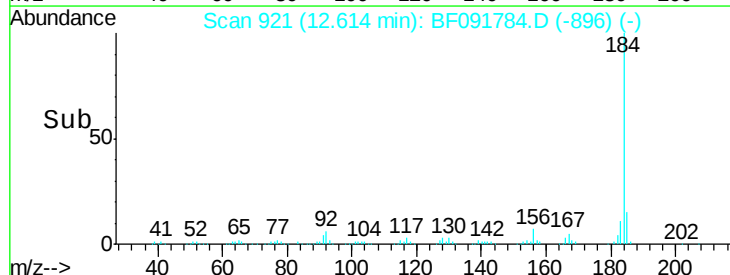
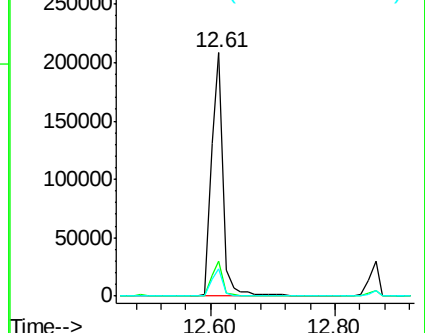
183 11.0 9.2 13.8

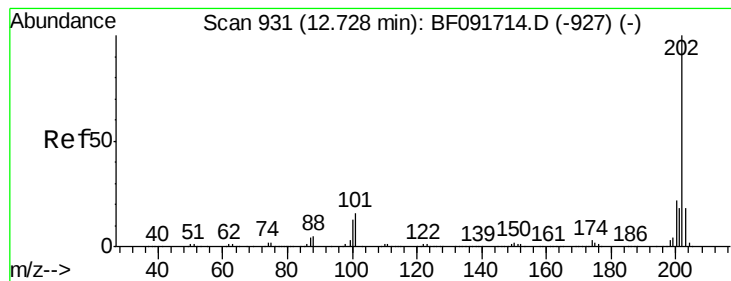


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 47.54 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

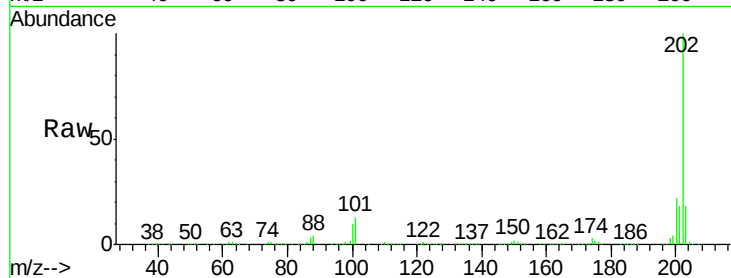
Tgt Ion:202 Resp: 1889493

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

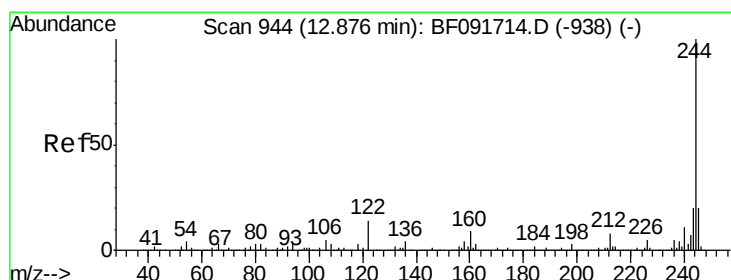
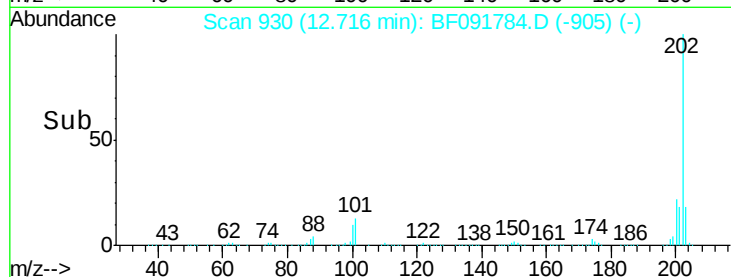
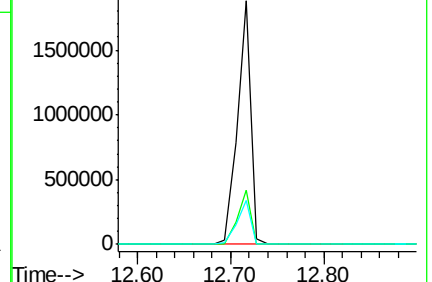
203 18.1 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.37 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

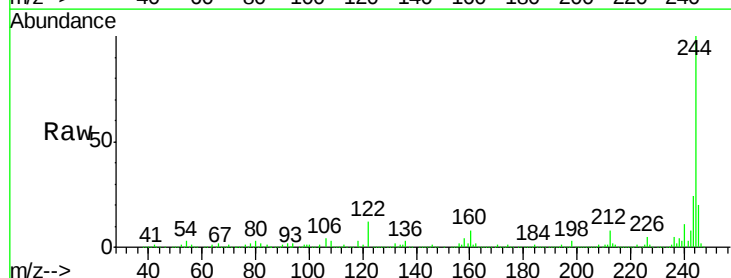
Tgt Ion:244 Resp: 2078942

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

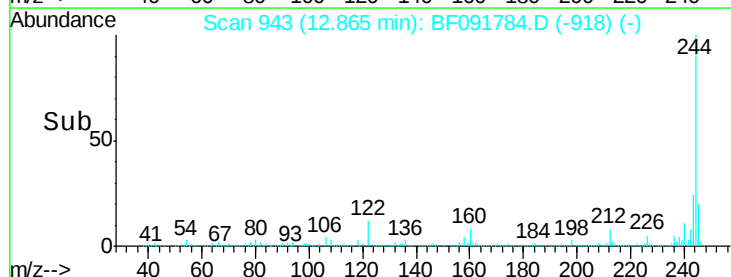
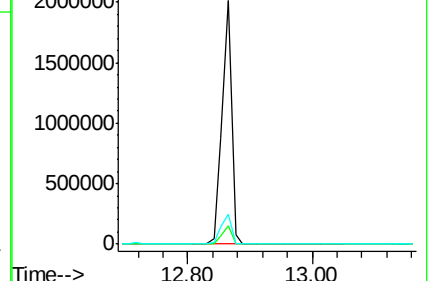
122 12.4 11.4 17.2

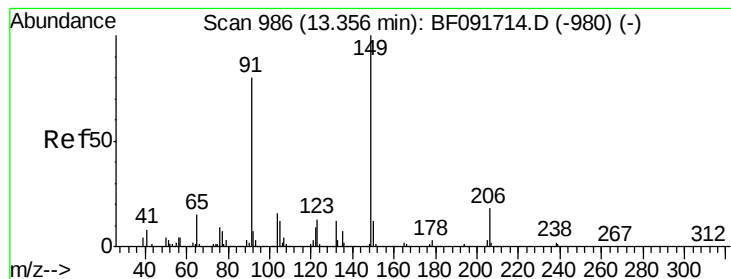


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.58 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampled :

PB95441BS

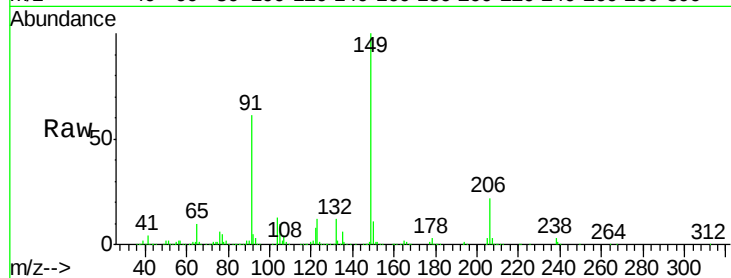
Tgt Ion:149 Resp: 903721

Ion Ratio Lower Upper

149 100

91 60.9 63.9 95.9#

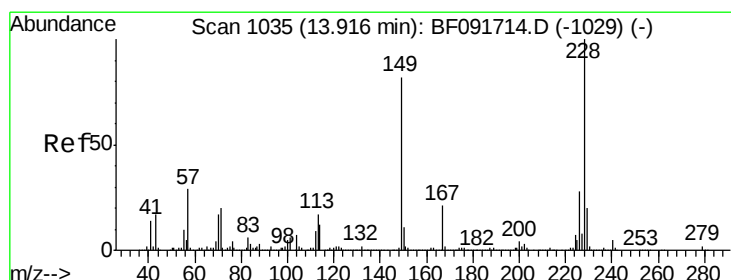
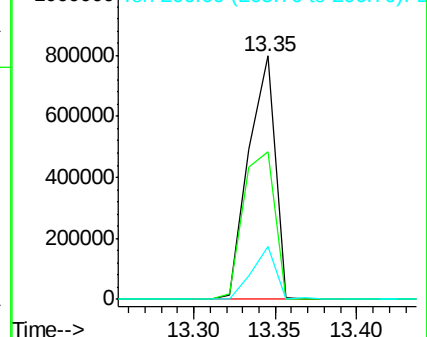
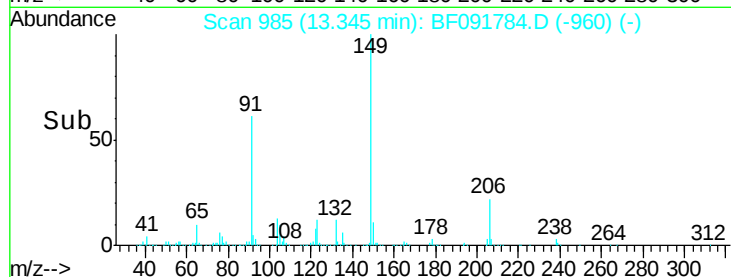
206 21.9 14.6 21.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.32 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

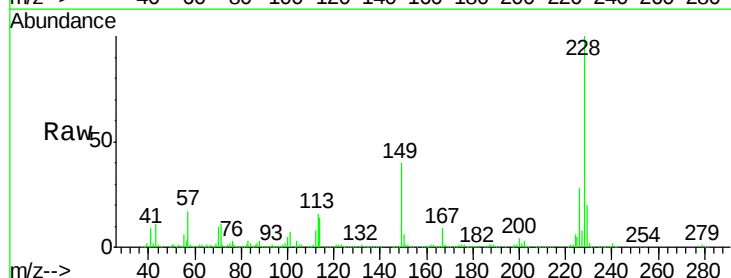
Tgt Ion:228 Resp: 1363812

Ion Ratio Lower Upper

228 100

226 27.6 22.4 33.6

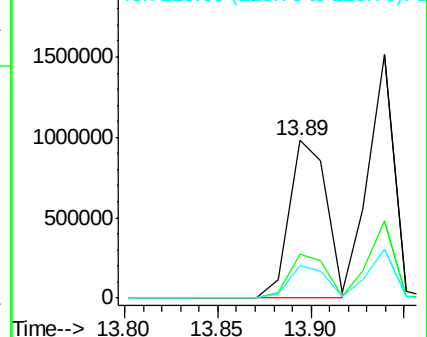
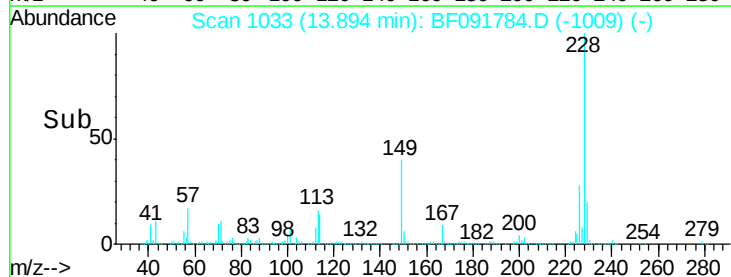
229 20.5 16.2 24.4

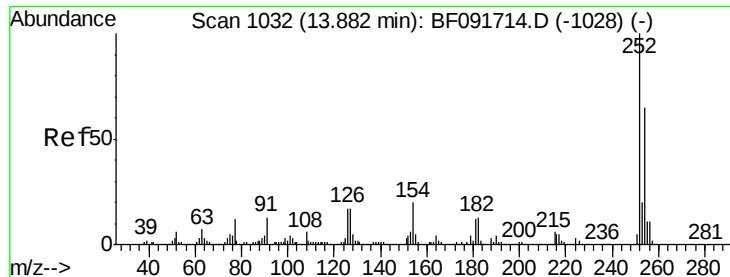


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

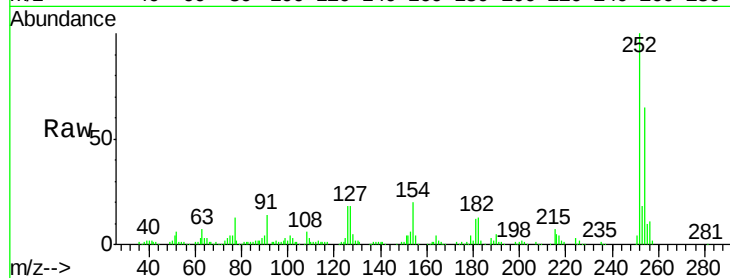




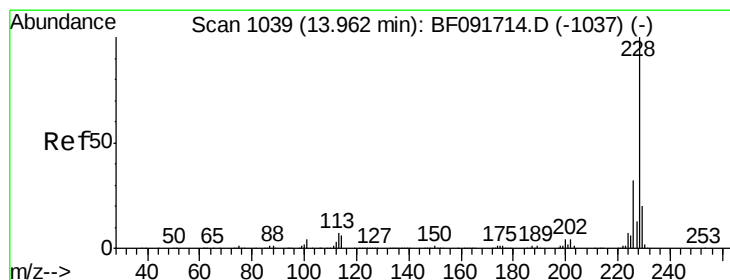
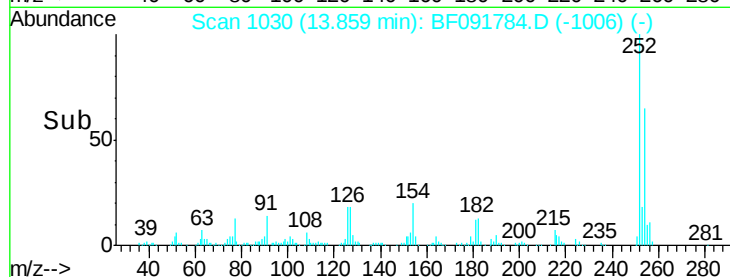
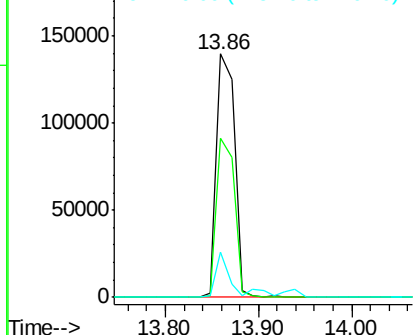
#81
 3,3'-Dichlorobenzidine
 Concen: 14.98 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

Tgt Ion:252 Resp: 188650
 Ion Ratio Lower Upper
 252 100
 254 65.4 52.3 78.5
 126 18.5 13.6 20.4

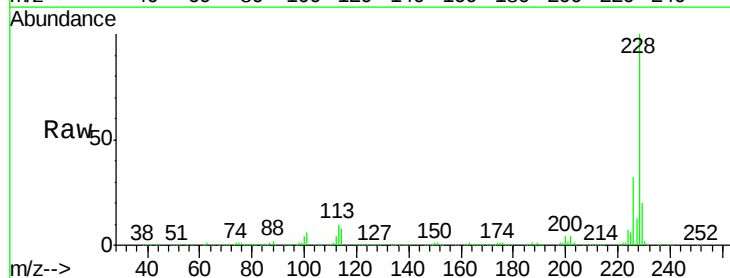


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

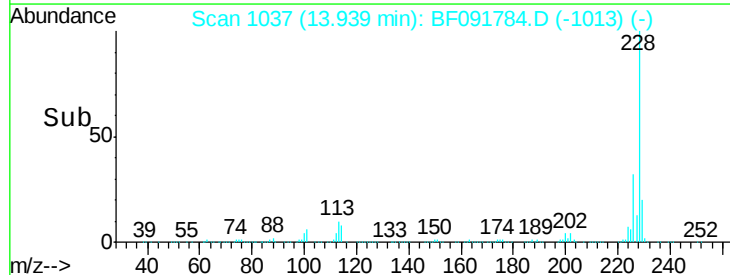
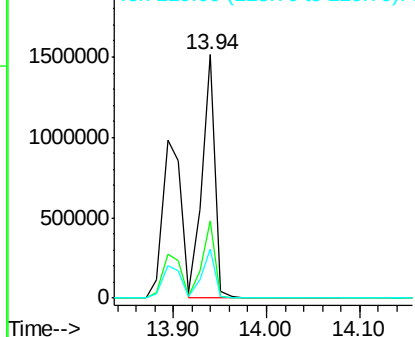


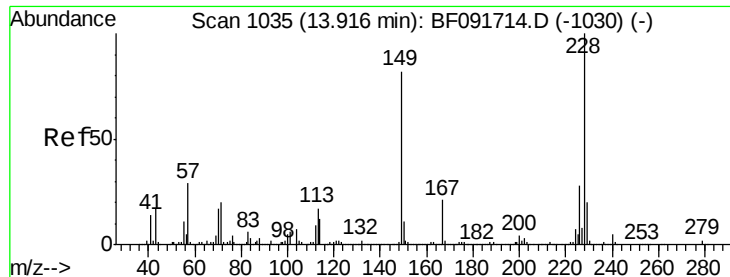
#82
 Chrysene
 Concen: 44.92 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion:228 Resp: 1465864
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.4 38.0
 229 20.3 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

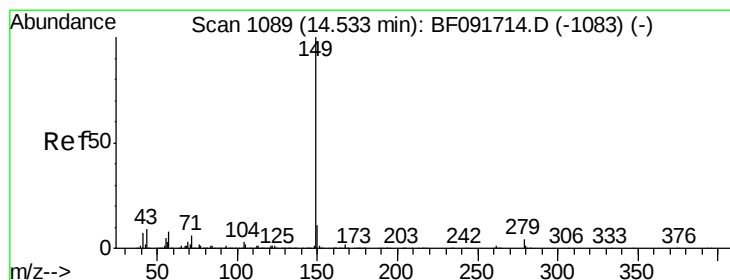
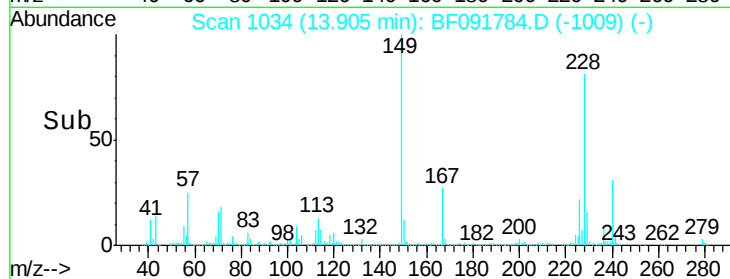
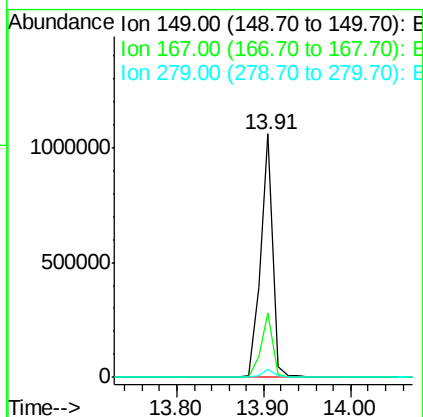
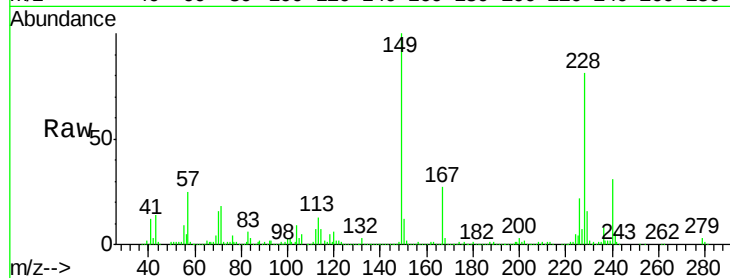




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.09 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

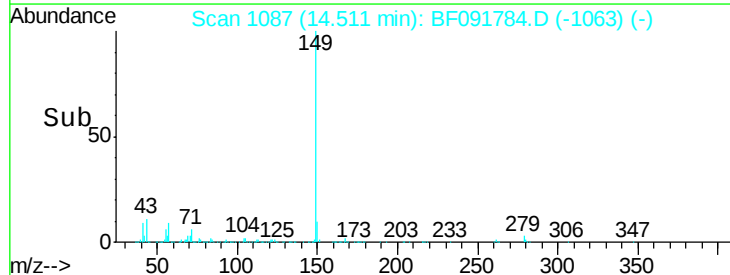
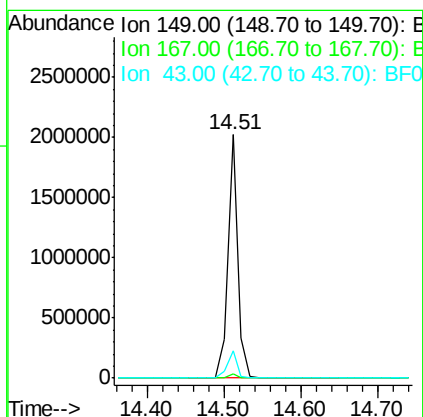
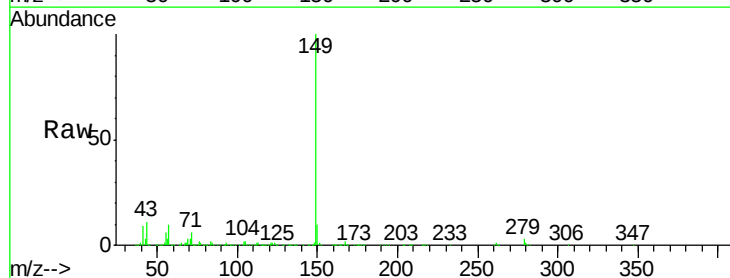
Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

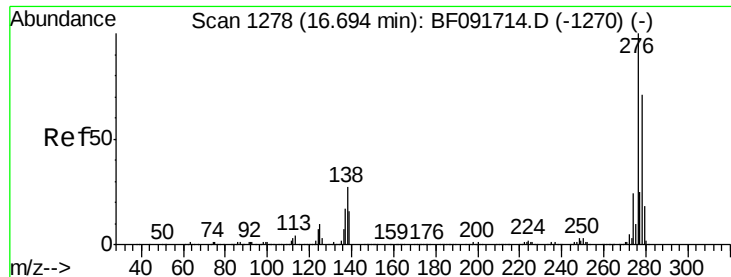
Tgt Ion:149 Resp: 1040320
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.2 30.4
 279 3.3 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 42.85 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion:149 Resp: 1863126
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.0 8.9 13.3

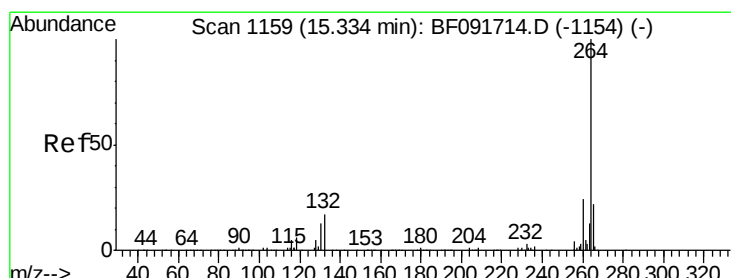
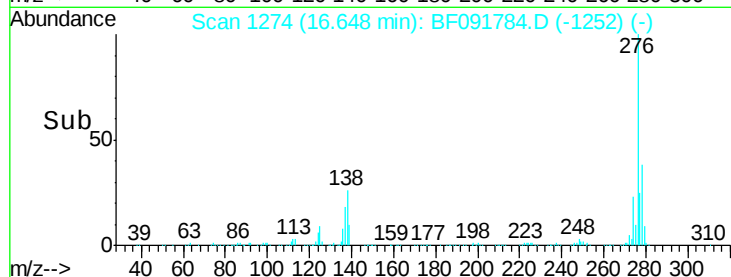
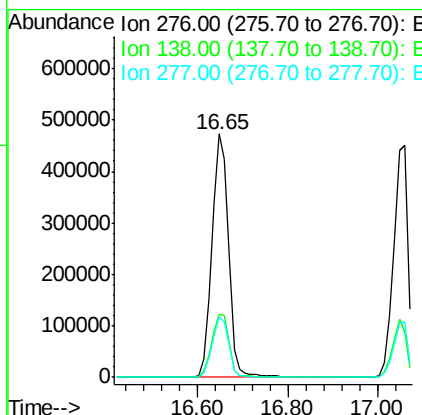
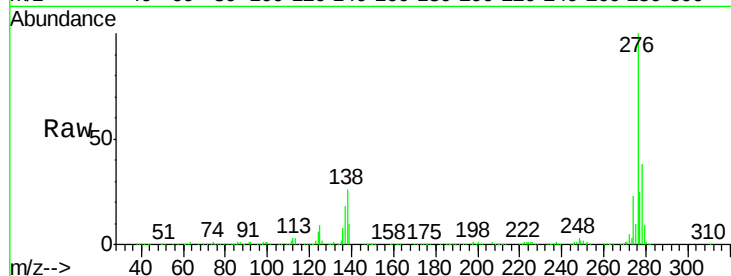




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.80 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.05 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

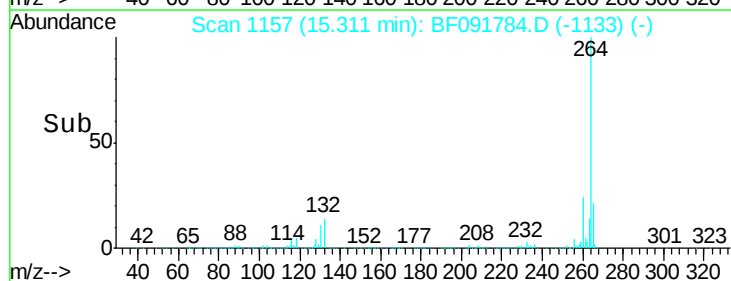
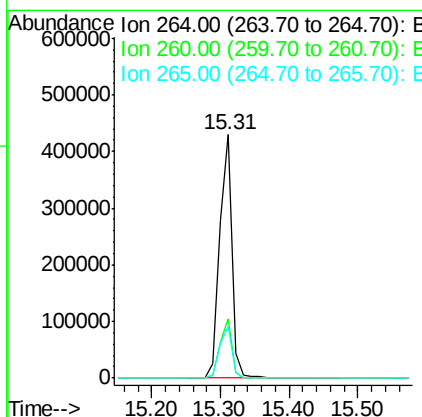
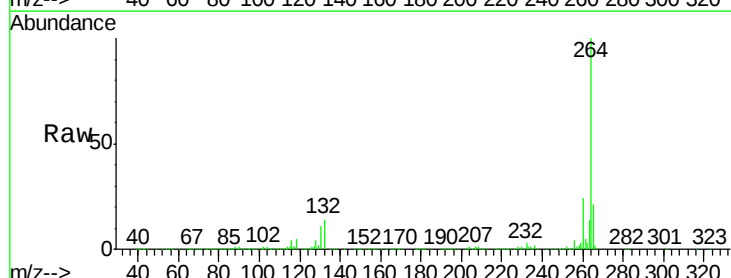
Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

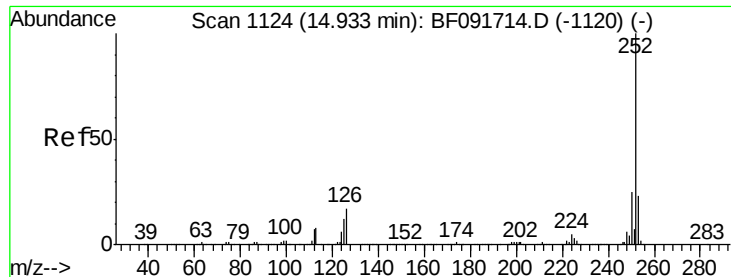
Tgt Ion: 276 Resp: 1212811
 Ion Ratio Lower Upper
 276 100
 138 27.5 21.8 32.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion: 264 Resp: 545783
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.0 17.4 26.0

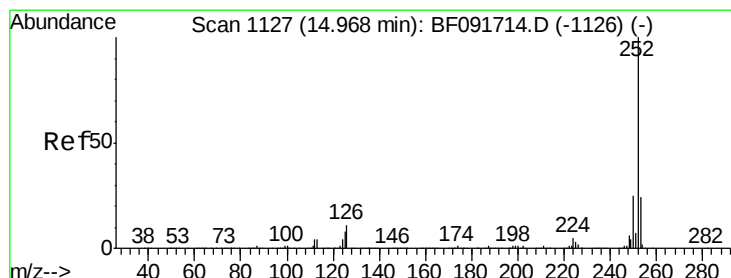
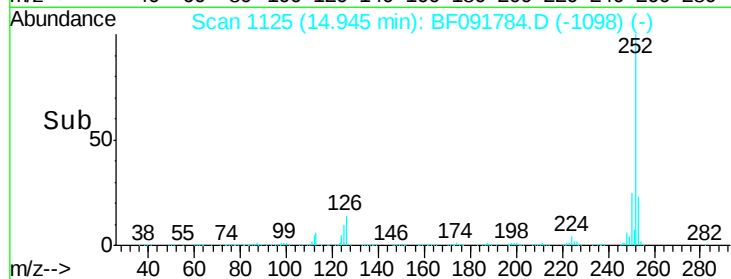
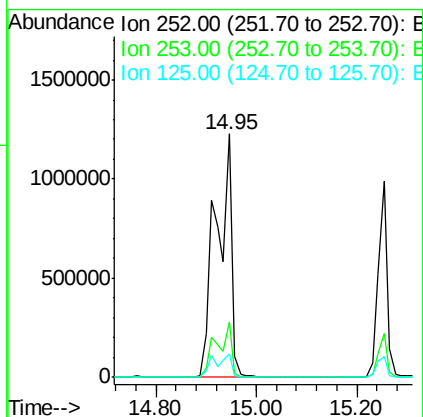
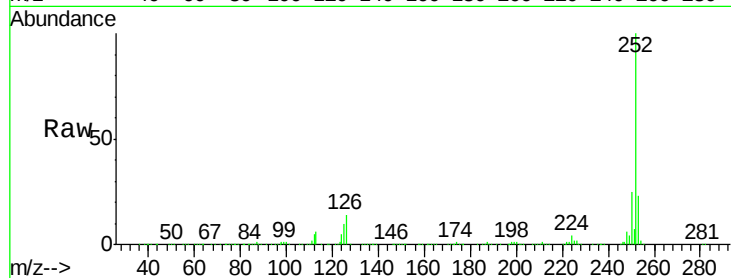




#87
Benzo(b)fluoranthene
Concen: 76.31 ng
RT: 14.95 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

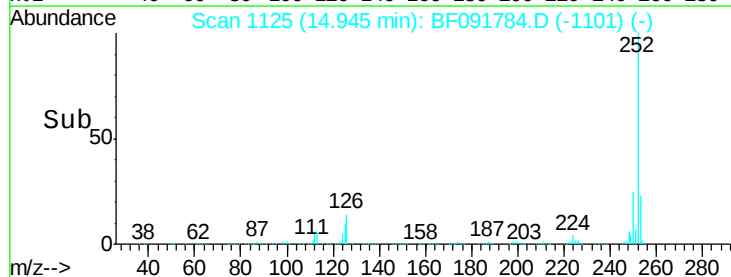
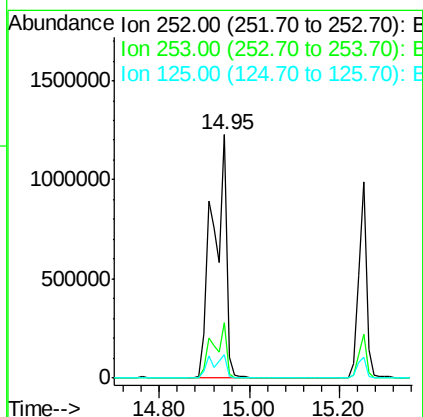
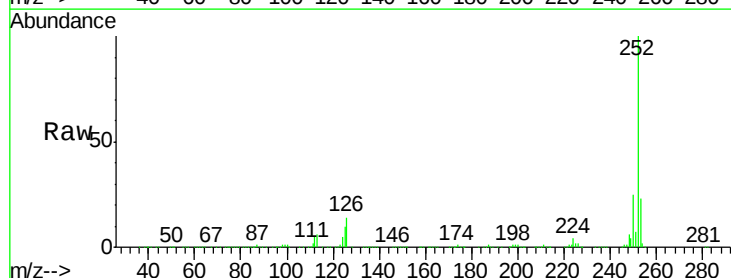
Instrument :
BNA_F
ClientSampleId :
PB95441BS

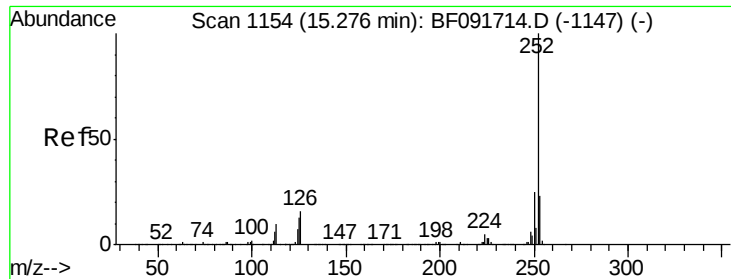
Tgt Ion:252 Resp: 2641067
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 9.6 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 108.82 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion:252 Resp: 2642438
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 9.6 8.9 13.3

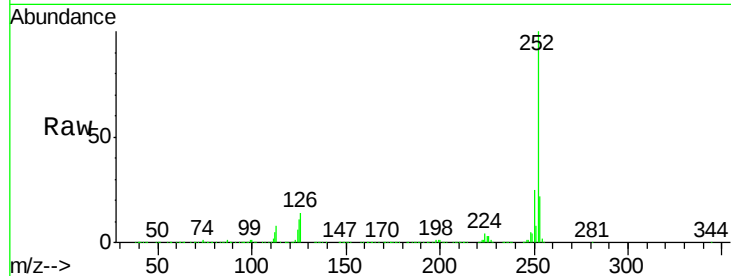




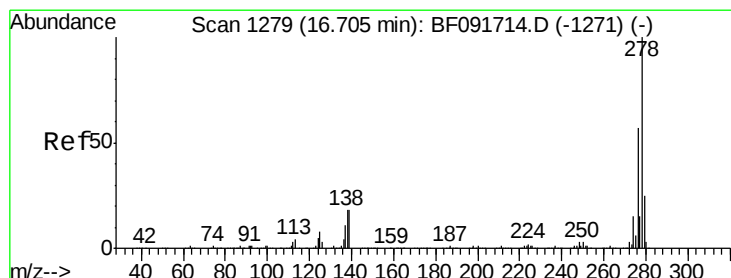
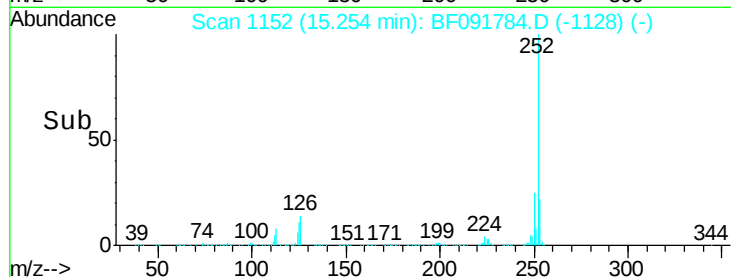
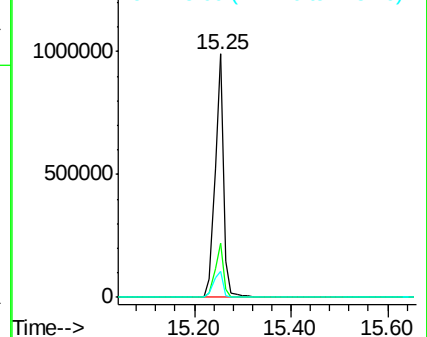
#89
Benzo(a)pyrene
Concen: 41.27 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB95441BS

Tgt Ion: 252 Resp: 1225782
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.9 10.0 15.0

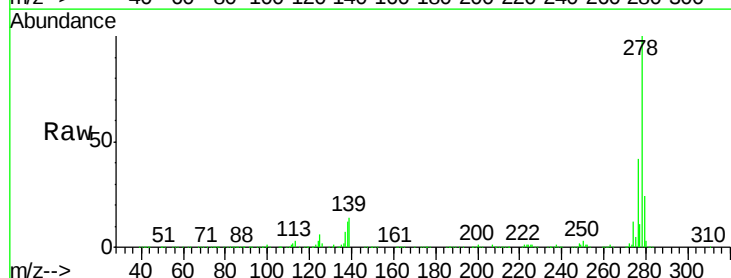


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

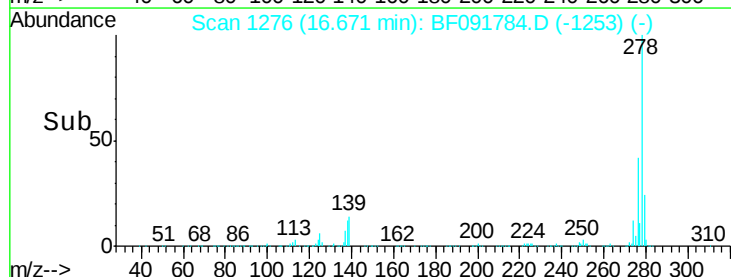
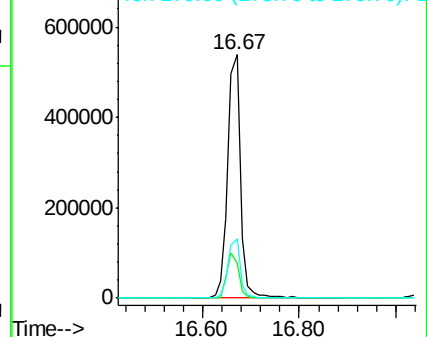


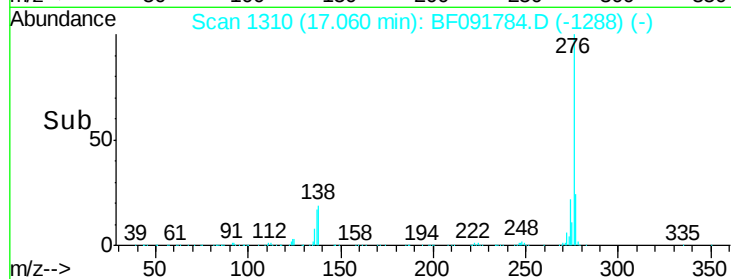
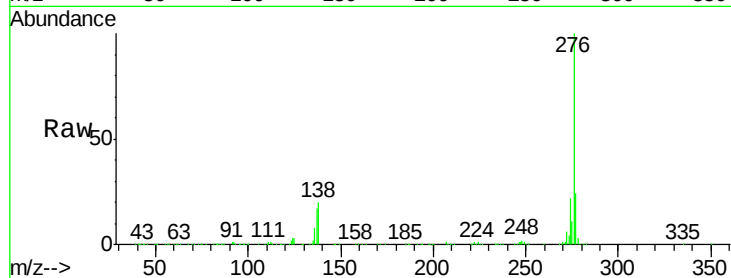
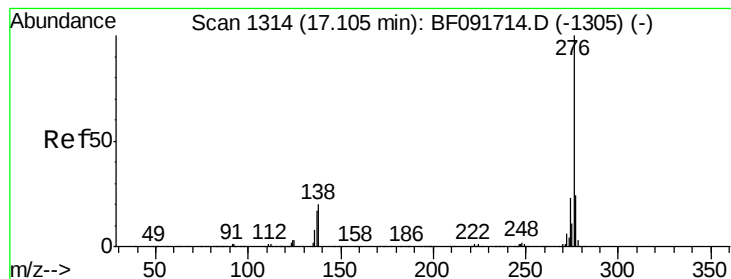
#90
Dibenzo(a,h)anthracene
Concen: 38.88 ng
RT: 16.67 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion: 278 Resp: 1006585
Ion Ratio Lower Upper
278 100
139 14.3 14.8 22.2#
279 24.2 19.8 29.6



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: 39.23 ng

RT: 17.06 min Scan# 1310

Delta R.T. -0.05 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

Tgt Ion:276 Resp: 1032239

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 19.5 16.0 24.0

