

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111516\
 Data File : BF091185.D
 Acq On : 15 Nov 2016 18:10
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Nov 16 06:48:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	165061	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	675838	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	349151	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	579222	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	497637	20.00	ng	-0.03
86) Perylene-d12	15.15	264	375439	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	873011	87.35	ng	-0.02
7) Phenol-d6	6.29	99	1029535	75.89	ng	-0.02
23) Nitrobenzene-d5	7.21	82	998174	80.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	302710	95.90	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1493003	73.62	ng	-0.03
78) Terphenyl-d14	12.74	244	1836256	92.08	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.09	88	224541	39.28	ng	93
3) Pyridine	2.73	79	612942	45.83	ng	97
4) n-Nitrosodimethylamine	2.69	42	200575	37.91	ng	92
6) Aniline	6.30	93	646627	40.41	ng	# 62
8) 2-Chlorophenol	6.42	128	490892	41.18	ng	96
9) Benzaldehyde	6.18	77	291952	38.78	ng	98
10) Phenol	6.30	94	590035	39.30	ng	# 80
11) bis(2-Chloroethyl)ether	6.38	93	502849	39.75	ng	87
12) 1,3-Dichlorobenzene	6.57	146	495405m	41.09	ng	
13) 1,4-Dichlorobenzene	6.65	146	519421m	40.15	ng	
14) 1,2-Dichlorobenzene	6.81	146	508689	42.85	ng	98
15) Benzyl Alcohol	6.80	79	398899	41.69	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.92	45	646445	35.68	ng	# 47
17) 2-Methylphenol	6.92	107	377824	40.03	ng	# 91
18) Hexachloroethane	7.14	117	198244	39.60	ng	# 82
19) n-Nitroso-di-n-propylamine	7.07	70	372533	39.63	ng	# 87
20) 3+4-Methylphenols	7.07	107	500428	44.16	ng	88
22) Acetophenone	7.06	105	666088	42.80	ng	# 94
24) Nitrobenzene	7.23	77	581170	42.47	ng	99
25) Isophorone	7.47	82	947541	39.69	ng	99
26) 2-Nitrophenol	7.55	139	261069	45.09	ng	# 71
27) 2,4-Dimethylphenol	7.60	122	386923	40.41	ng	96
28) bis(2-Chloroethoxy)methane	7.69	93	568647	43.60	ng	99
29) 2,4-Dichlorophenol	7.79	162	347310	41.56	ng	92
30) 1,2,4-Trichlorobenzene	7.87	180	422980	45.01	ng	99
31) Naphthalene	7.95	128	1395479	43.18	ng	99
32) Benzoic acid	7.76	122	242535	34.11	ng	99
33) 4-Chloroaniline	8.01	127	600901	44.70	ng	97
34) Hexachlorobutadiene	8.06	225	223393	44.04	ng	100
35) Caprolactam	8.40	113	113407	43.19	ng	# 67
36) 4-Chloro-3-methylphenol	8.50	107	369104	36.48	ng	87
37) 2-Methylnaphthalene	8.64	142	785989	37.83	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	407676	45.80	ng	# 97
40) Hexachlorocyclopentadiene	8.80	237	86760	29.84	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	241690	42.06	nq	99
43) 2,4,5-Trichlorophenol	8.97	196	265414	43.99	nq	95
45) 1,1'-Biphenyl	9.10	154	1073667	42.11	nq	97
46) 2-Chloronaphthalene	9.13	162	826341	42.69	nq	96
47) 2-Nitroaniline	9.23	65	254423	35.42	nq	97
48) Acenaphthylene	9.54	152	1256317	41.65	nq	99
49) Dimethylphthalate	9.41	163	936432	40.90	nq	99
50) 2,6-Dinitrotoluene	9.47	165	206434	42.07	nq	88
51) Acenaphthene	9.71	154	787012	41.56	nq	100
52) 3-Nitroaniline	9.64	138	221696	38.10	nq	99
53) 2,4-Dinitrophenol	9.76	184	66363	29.15	nq	# 68
54) Dibenzofuran	9.88	168	1079053	42.33	nq	92
55) 4-Nitrophenol	9.82	139	108215	31.66	nq	94
56) 2,4-Dinitrotoluene	9.88	165	277217	44.41	nq	94
57) Fluorene	10.22	166	910961	43.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	226182	47.85	nq	89
59) Diethylphthalate	10.11	149	995791	42.42	nq	98
60) 4-Chlorophenyl-phenylether	10.21	204	390071	41.13	nq	# 84
61) 4-Nitroaniline	10.26	138	240752	40.90	nq	96
62) Azobenzene	10.37	77	832600m	30.13	nq	
64) 4,6-Dinitro-2-methylphenol	10.29	198	131334	37.03	nq	95
65) n-Nitrosodiphenylamine	10.34	169	754338	40.97	nq	100
66) 4-Bromophenyl-phenylether	10.70	248	291168	48.33	nq	# 73
67) Hexachlorobenzene	10.77	284	305498	45.97	nq	# 73
68) Atrazine	10.88	200	229608	43.23	nq	95
69) Pentachlorophenol	10.97	266	106278	36.11	nq	98
70) Phenanthrene	11.17	178	1200389	38.98	nq	99
71) Anthracene	11.23	178	1423976	43.50	nq	100
72) Carbazole	11.39	167	1229125	41.66	nq	98
73) Di-n-butylphthalate	11.72	149	1402629	37.80	nq	99
74) Fluoranthene	12.36	202	1436134	44.97	nq	89
76) Benzidine	12.49	184	480991	43.26	nq	99
77) Pyrene	12.58	202	1341331	41.16	nq	99
79) Butylbenzylphthalate	13.21	149	710394	45.57	nq	95
80) Benzo(a)anthracene	13.77	228	1196638	42.35	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	464271	46.77	nq	99
82) Chrysene	13.81	228	1303610	46.79	nq	100
83) Bis(2-ethylhexyl)phthalate	13.78	149	964553	45.72	nq	# 94
84) Di-n-octyl phthalate	14.39	149	1598242	46.08	nq	98
85) Indeno(1,2,3-cd)pyrene	16.42	276	943094	40.80	nq	96
87) Benzo(b)fluoranthene	14.77	252	998968m	39.23	nq	
88) Benzo(k)fluoranthene	14.80	252	1075941m	48.17	nq	
89) Benzo(a)pyrene	15.09	252	942522	42.52	nq	# 98
90) Dibenzo(a,h)anthracene	16.43	278	813467	42.45	nq	97
91) Benzo(g,h,i)perylene	16.80	276	751822	43.38	nq	97

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

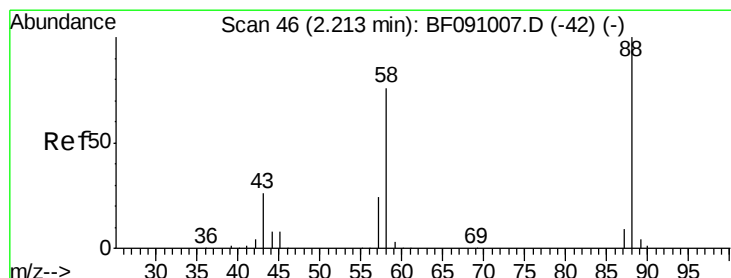
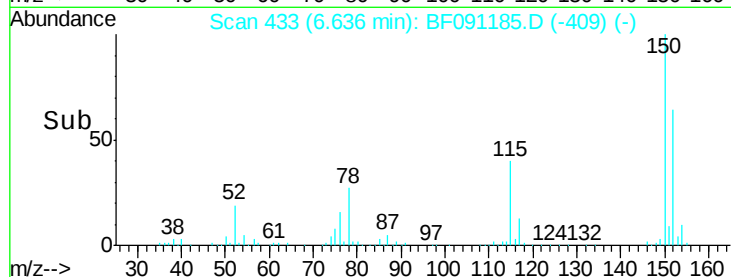
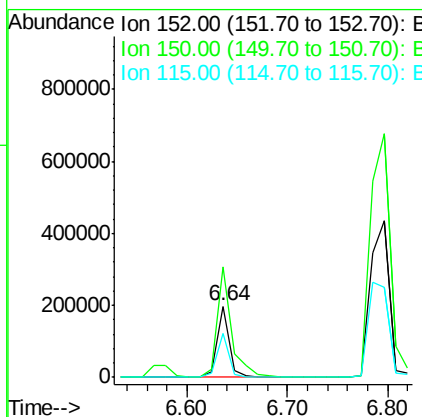
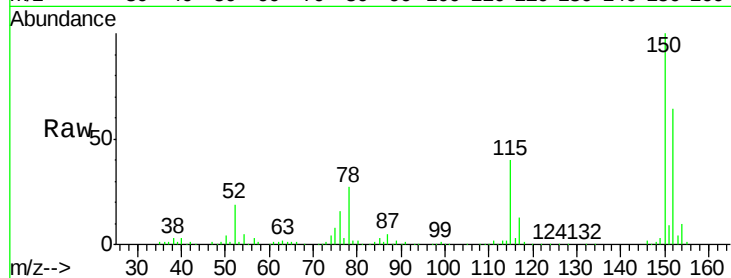


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

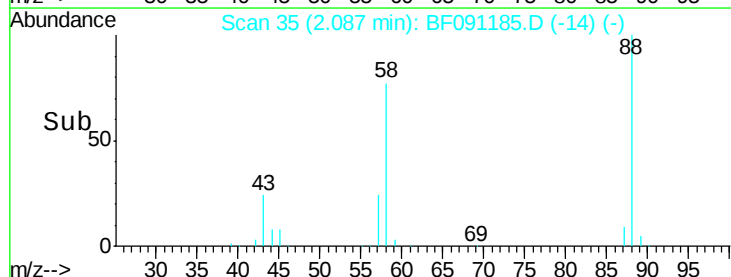
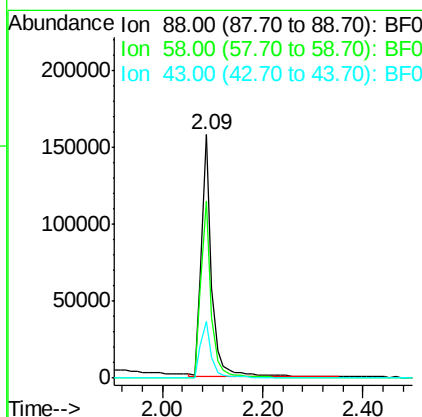
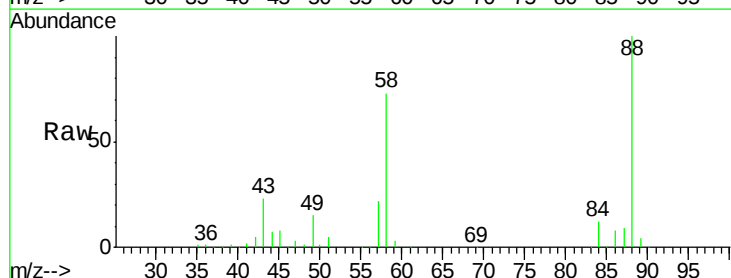
Tot Ion:152 Resp: 165061
Ion Ratio Lower Upper
152 100
150 155.2 126.8 190.2
115 62.2 53.3 79.9

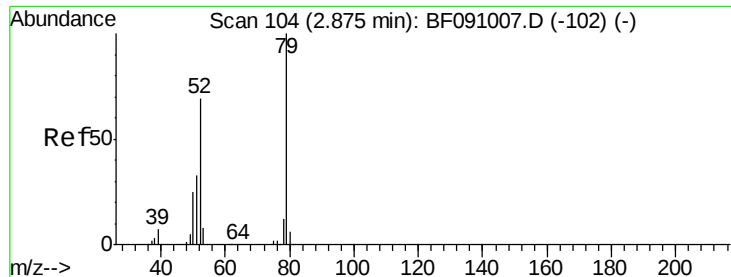


#2

1,4-Dioxane
Concen: 39.28 ng
RT: 2.09 min Scan# 35
Delta R.T. -0.06 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Tgt Ion: 88 Resp: 224541
Ion Ratio Lower Upper
88 100
58 73.8 63.8 95.6
43 24.1 22.6 33.8

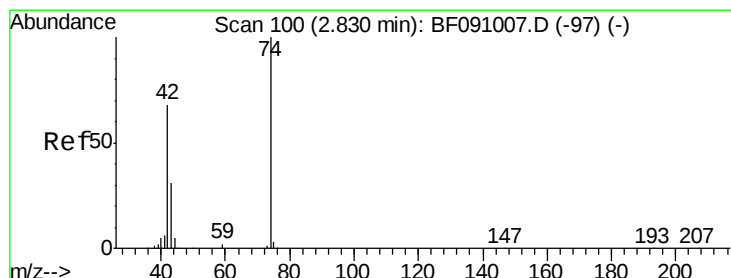
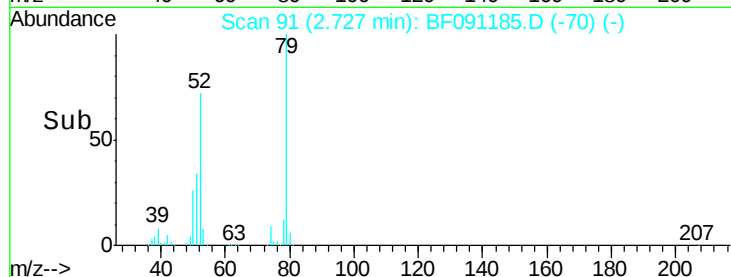
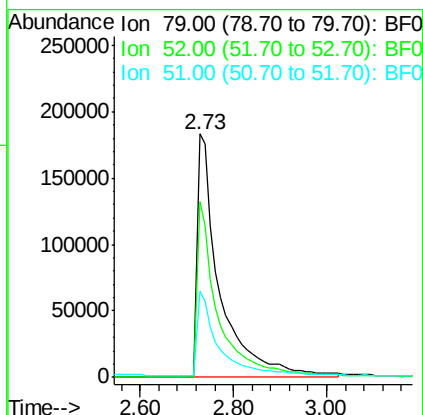
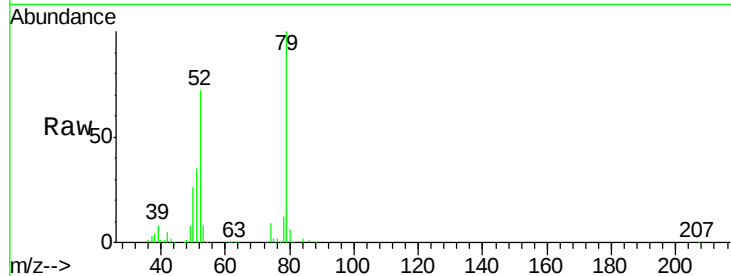




#3
 Pvridine
 Concen: 45.83 ng
 RT: 2.73 min Scan# 91
 Delta R.T. -0.06 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

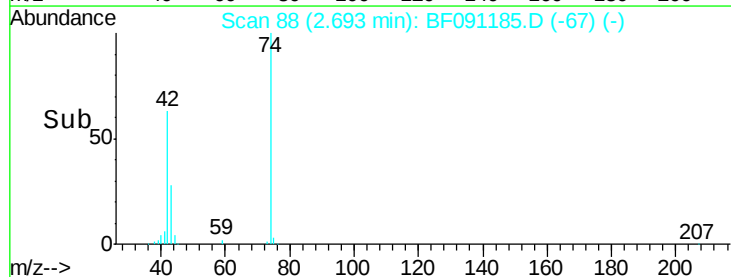
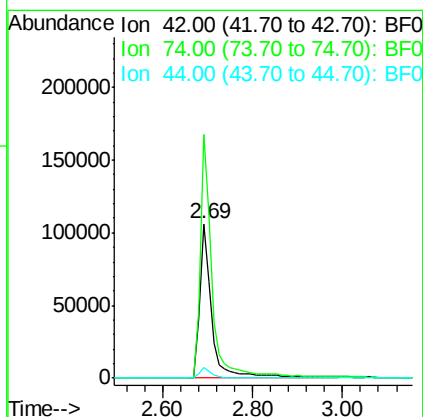
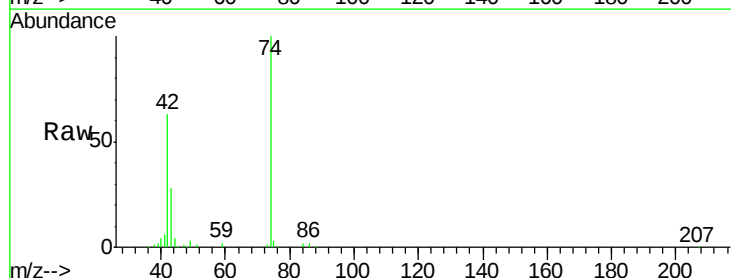
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

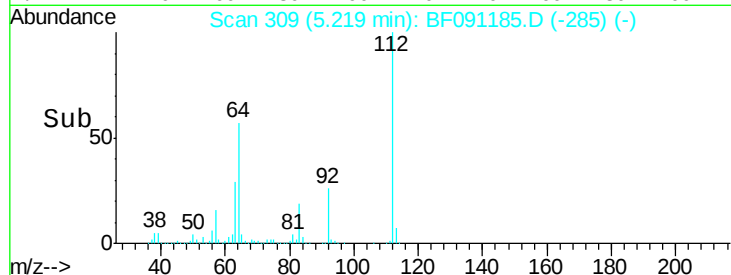
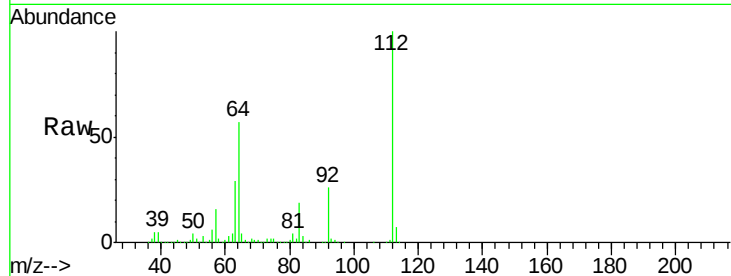
Tot Ion: 79 Resp: 612942
 Ion Ratio Lower Upper
 79 100
 52 72.1 55.4 83.0
 51 35.2 27.4 41.0



#4
 n-Nitrosodimethylamine
 Concen: 37.91 ng
 RT: 2.69 min Scan# 88
 Delta R.T. -0.06 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Tgt Ion: 42 Resp: 200575
 Ion Ratio Lower Upper
 42 100
 74 157.6 117.3 175.9
 44 7.0 5.8 8.8





#5

2-Fluorophenol

Concen: 87.35 ng

RT: 5.22 min Scan# 309

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

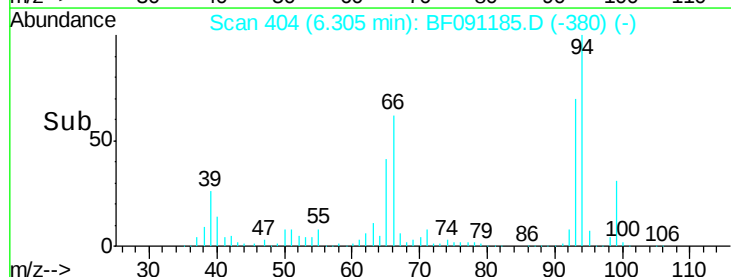
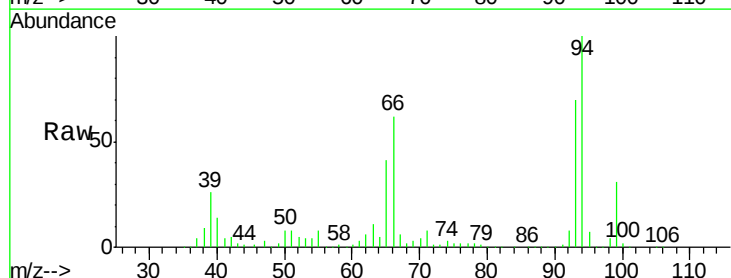
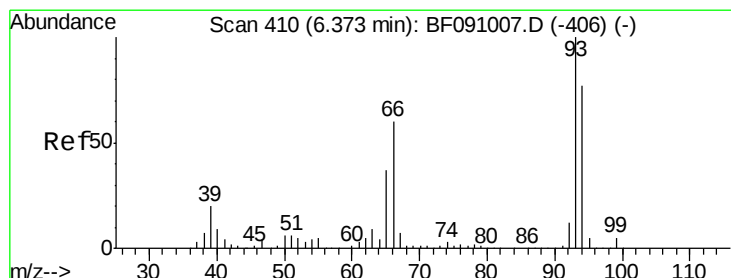
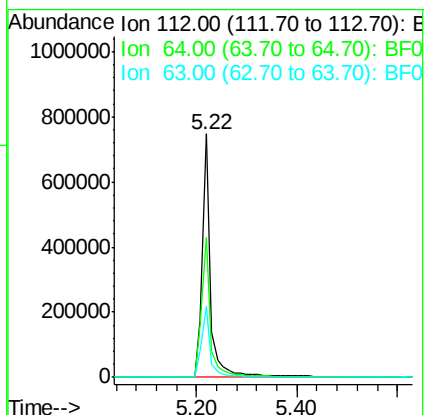
Tot Ion:112 Resp: 873011

Ion Ratio Lower Upper

112 100

64 57.3 55.8 83.6

63 29.2 28.0 42.0



#6

Aniline

Concen: 40.41 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

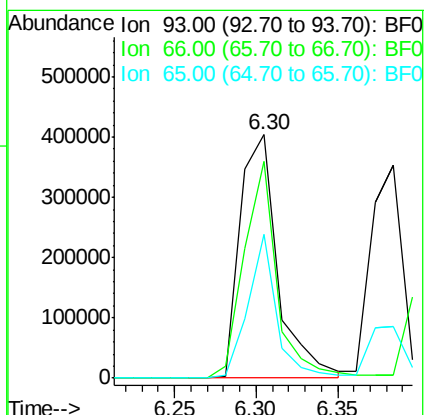
Tgt Ion: 93 Resp: 646627

Ion Ratio Lower Upper

93 100

66 88.8 48.2 72.2#

65 58.9 29.4 44.0#





#7

Phenol-d6

Concen: 75.89 ng

RT: 6.29 min Scan# 403

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

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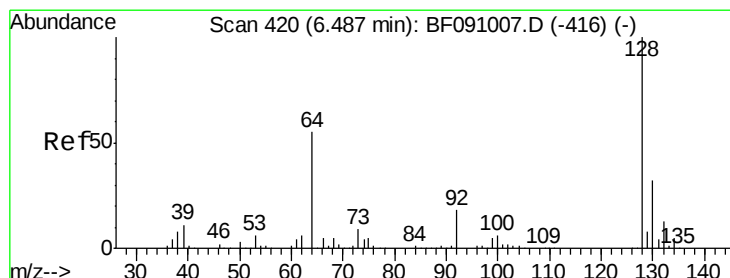
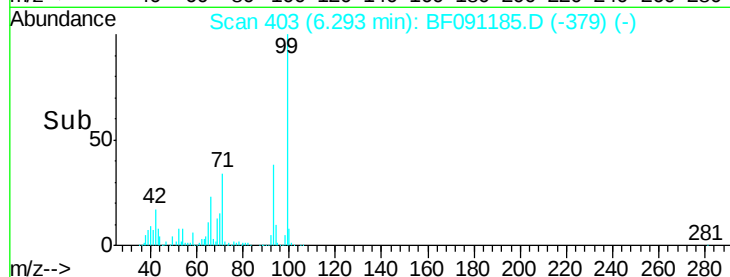
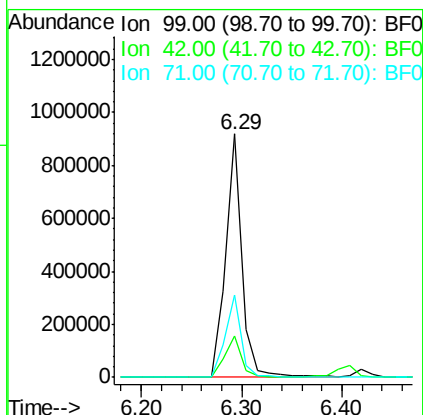
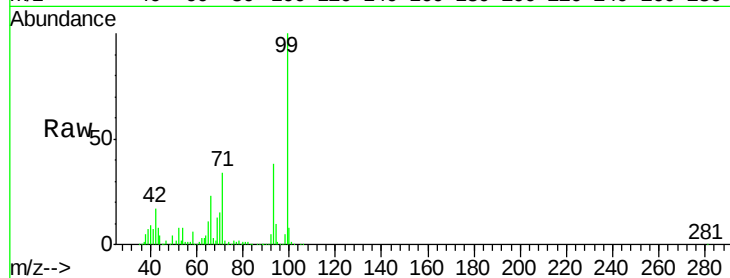
Tot Ion: 99 Resp: 1029535

Ion Ratio Lower Upper

99 100

42 16.8 13.9 20.9

71 33.6 27.8 41.8



#8

2-Chlorophenol

Concen: 41.18 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

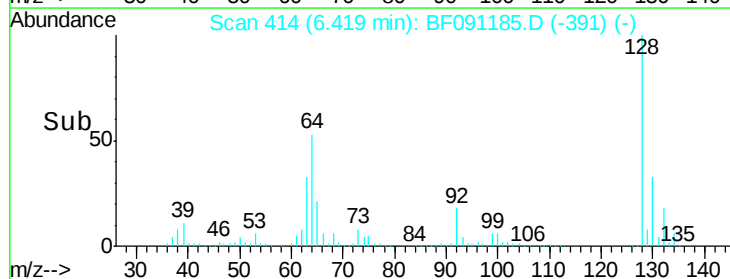
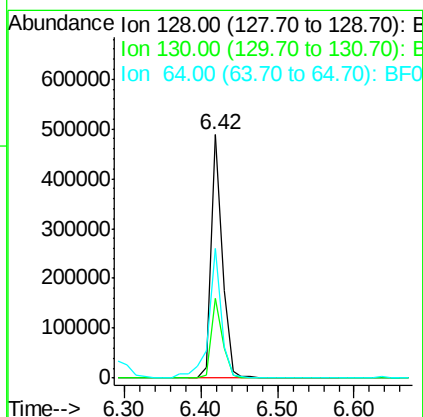
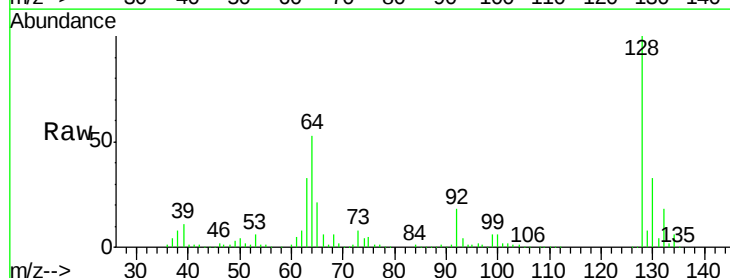
Tgt Ion: 128 Resp: 490892

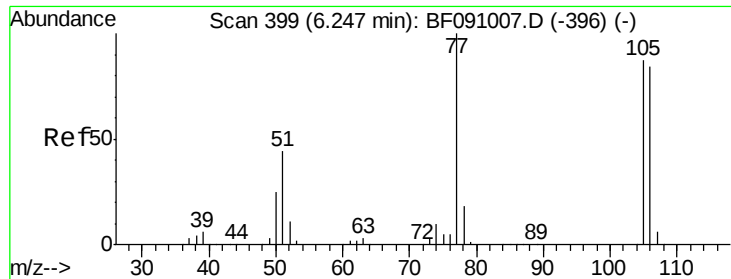
Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

64 53.1 37.2 77.2





#9

Benzaldehyde

Concen: 38.78 ng

RT: 6.18 min Scan# 393

Delta R.T. -0.02 min

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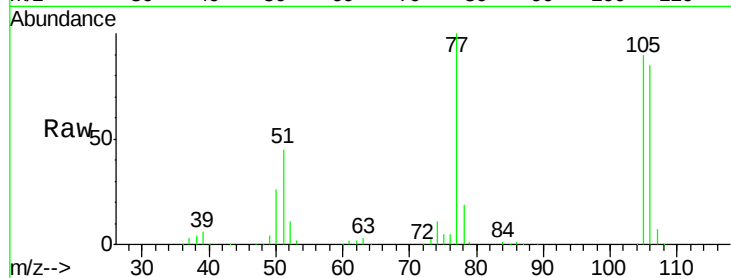
Tot Ion: 77 Resp: 291952

Ion Ratio Lower Upper

77 100

105 90.3 66.8 106.8

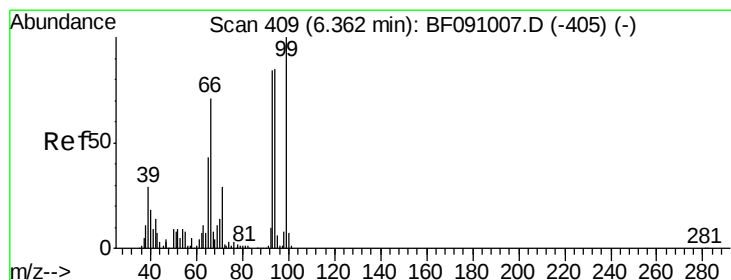
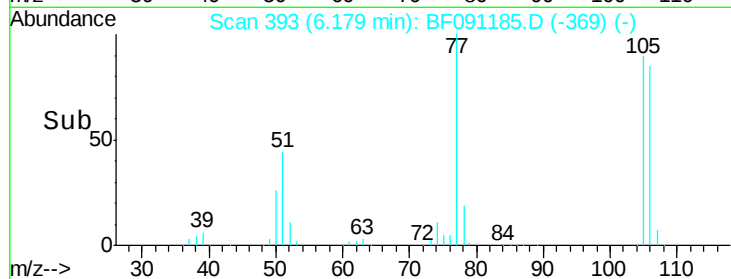
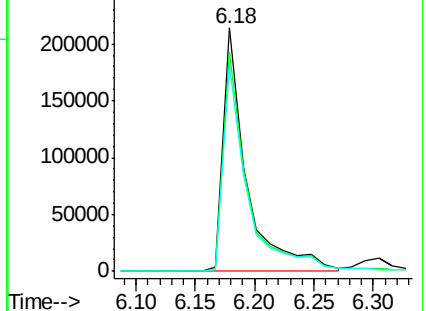
106 84.6 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.30 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

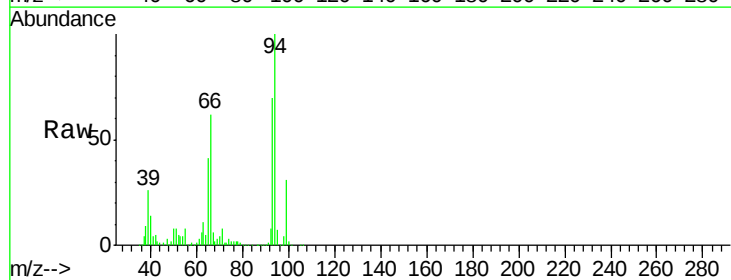
Tgt Ion: 94 Resp: 590035

Ion Ratio Lower Upper

94 100

65 41.1 30.4 70.4

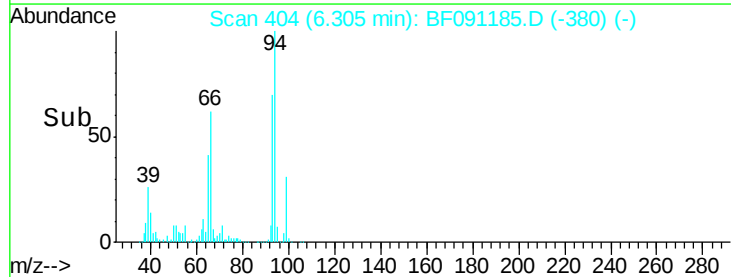
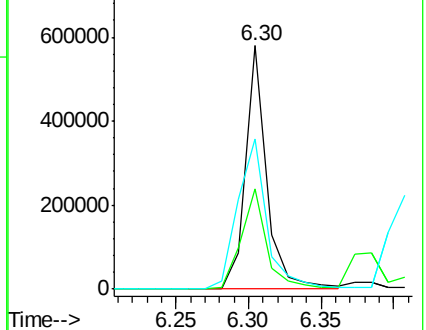
66 61.9 62.9 102.9#

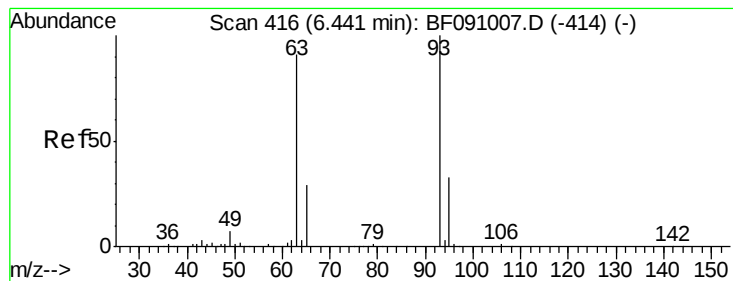


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.75 ng

RT: 6.38 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

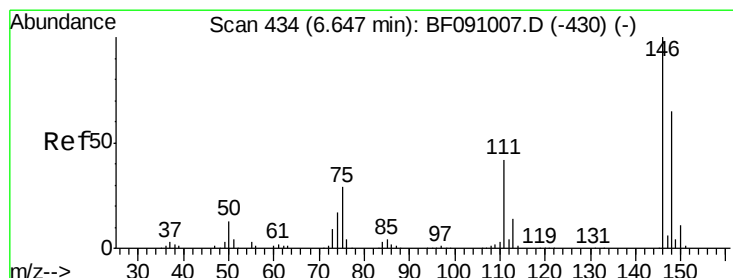
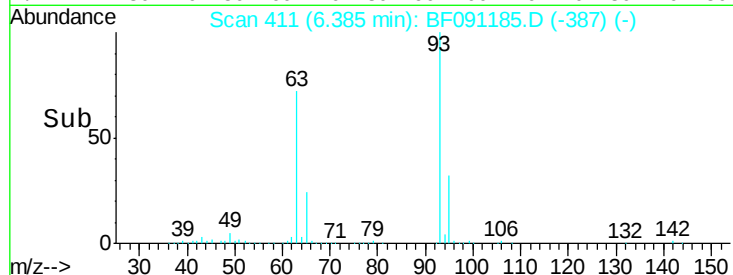
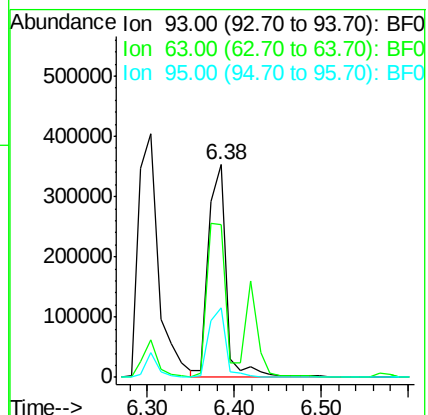
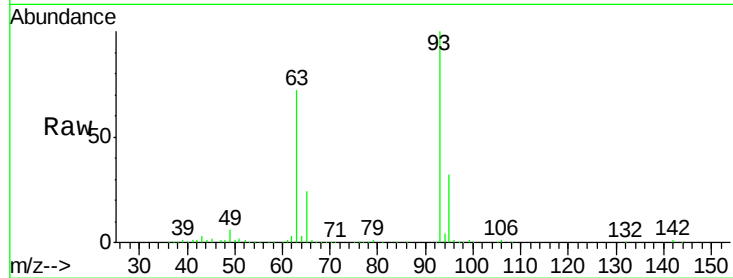
Tot Ion: 93 Resp: 502849

Ion Ratio Lower Upper

93 100

63 71.9 68.9 108.9

95 32.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 41.09 ng m

RT: 6.57 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

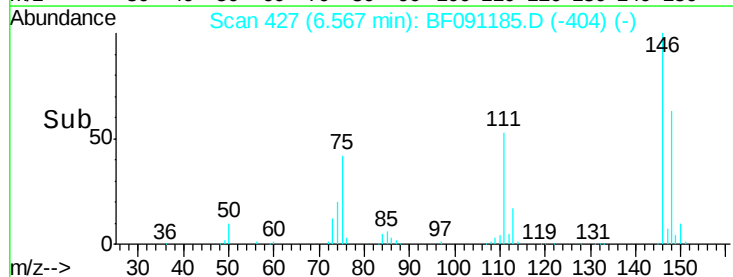
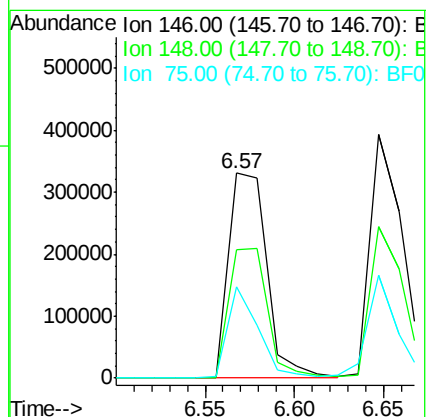
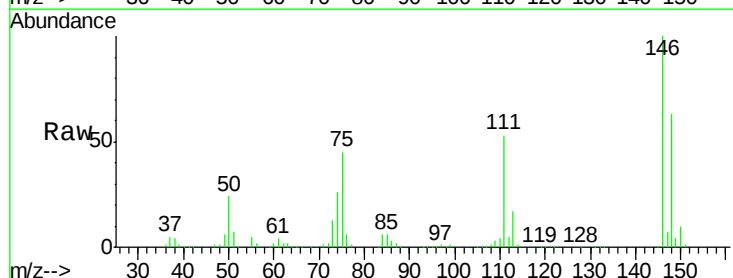
Tgt Ion: 146 Resp: 495405

Ion Ratio Lower Upper

146 100

148 62.8 52.0 78.0

75 44.6 23.0 34.6#

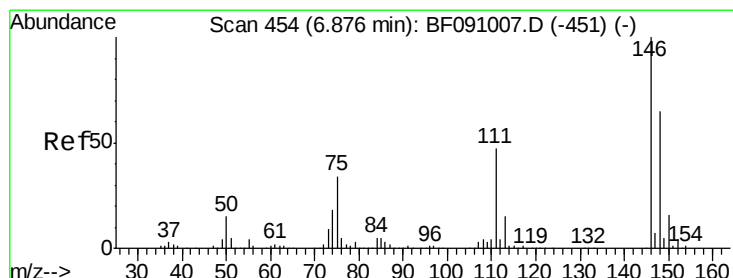
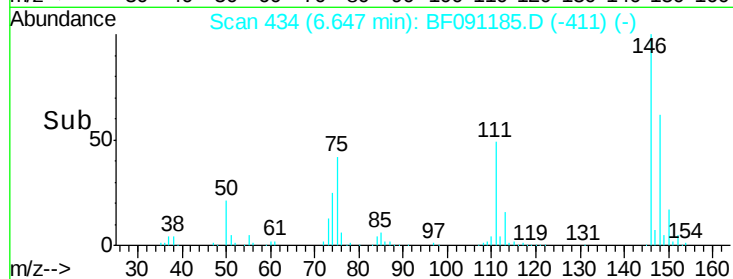
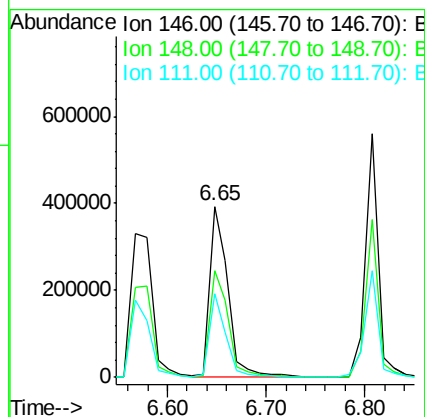
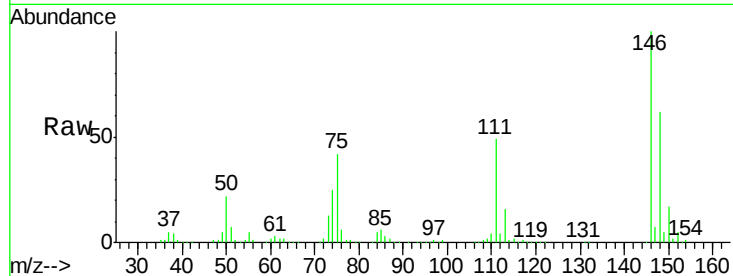




#13
 1,4-Dichlorobenzene
 Concen: 40.15 ng/ml
 RT: 6.65 min Scan# 434
 Delta R.T. -0.03 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

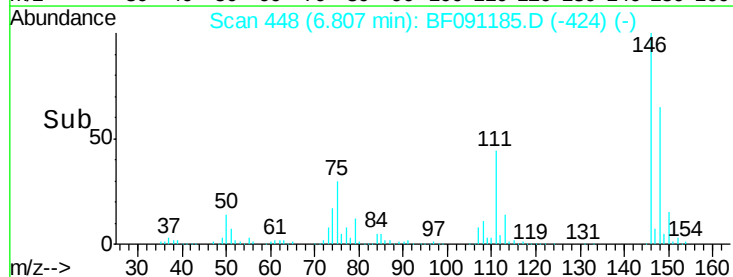
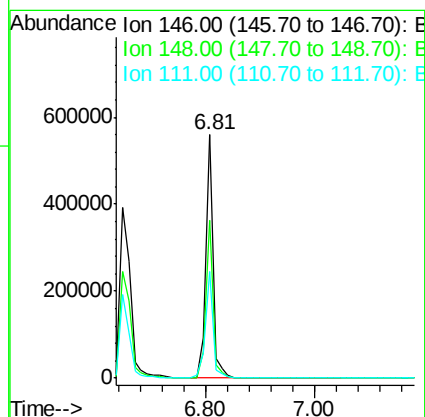
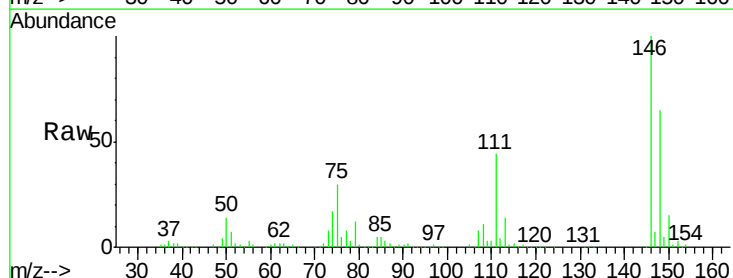
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

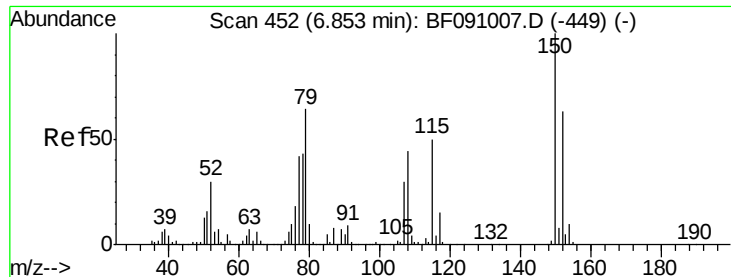
Tot Ion:146 Resp: 519421
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.1 78.1
 111 49.3 31.6 47.4#



#14
 1,2-Dichlorobenzene
 Concen: 42.85 ng/ml
 RT: 6.81 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Tgt Ion:146 Resp: 508689
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 43.7 37.3 55.9





#15

Benzyl Alcohol

Concen: 41.69 ng

RT: 6.80 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

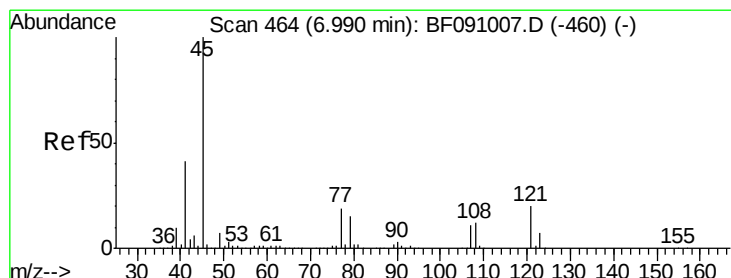
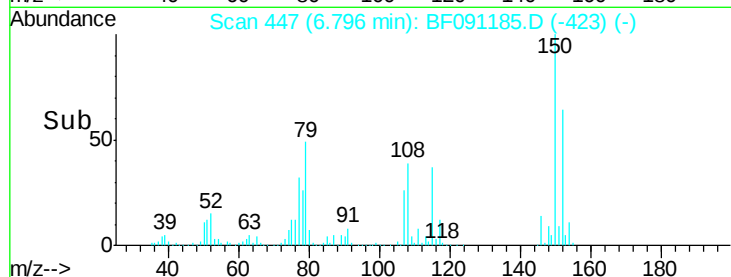
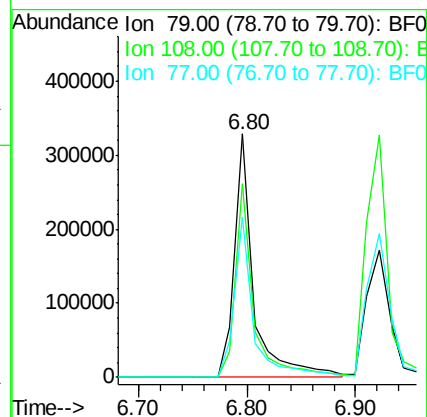
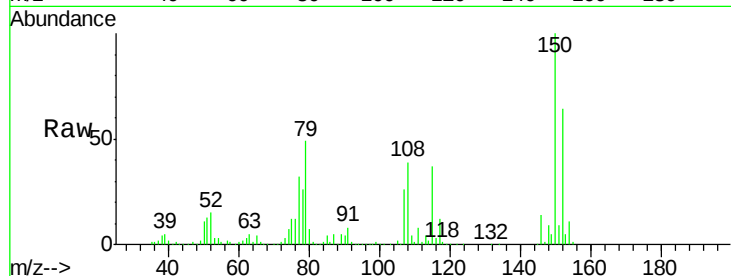
Tot Ion: 79 Resp: 398899

Ion Ratio Lower Upper

79 100

108 79.4 55.7 83.5

77 66.0 52.6 79.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.68 ng

RT: 6.92 min Scan# 458

Delta R.T. -0.03 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

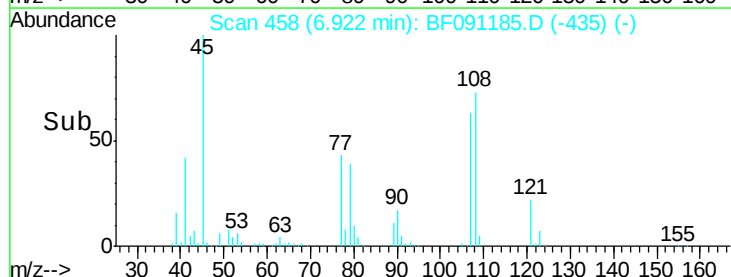
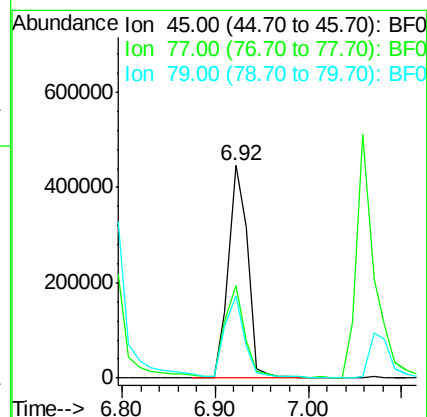
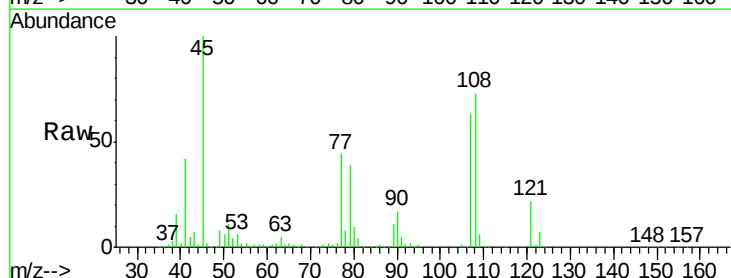
Tgt Ion: 45 Resp: 646445

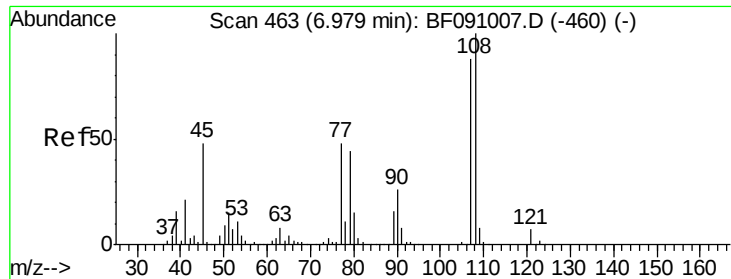
Ion Ratio Lower Upper

45 100

77 43.6 0.0 39.6#

79 38.6 0.0 35.9#

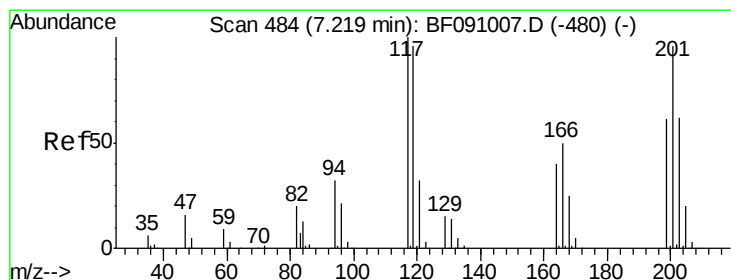
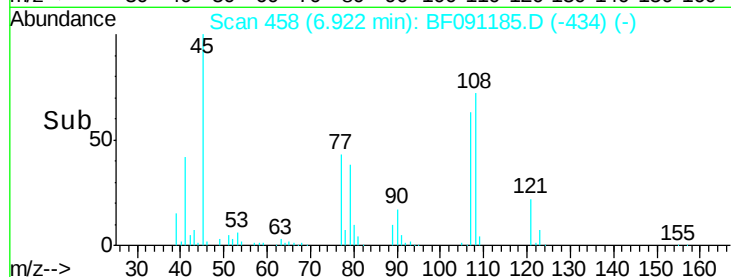
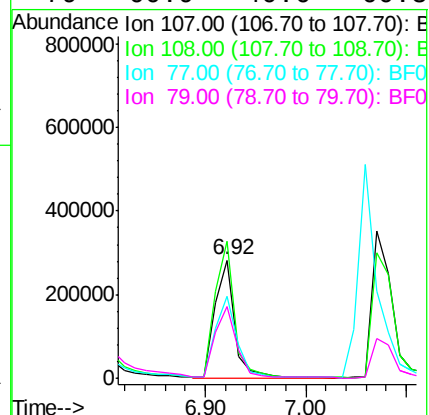
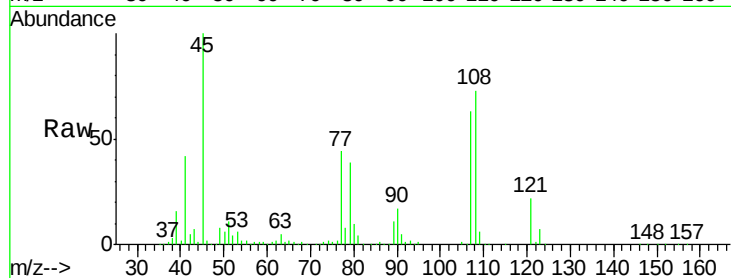




#17
2-Methylphenol
Concen: 40.03 ng
RT: 6.92 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

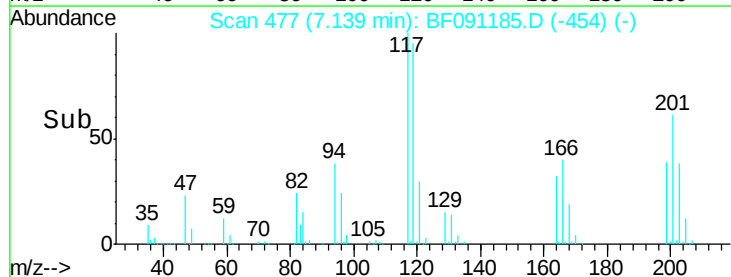
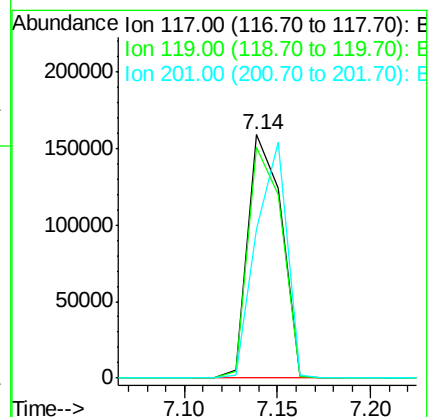
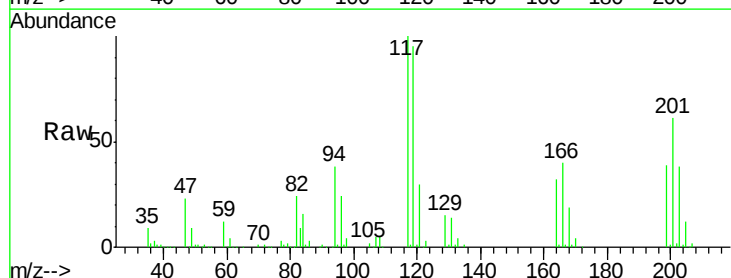
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

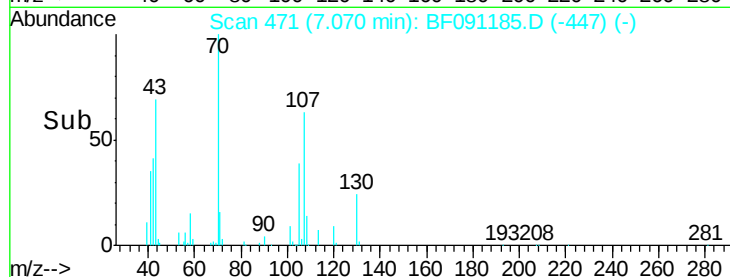
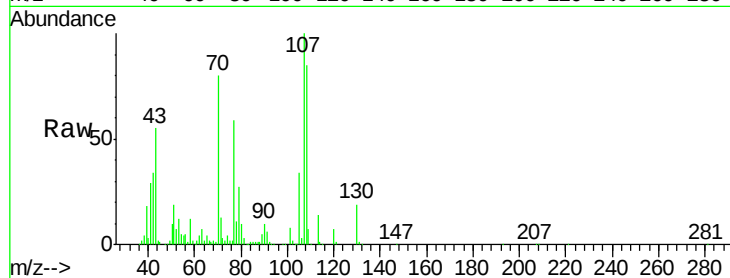
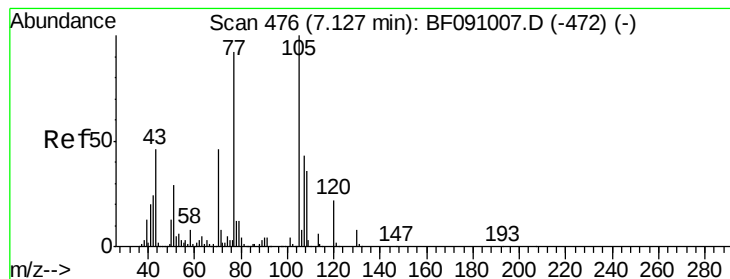
Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.0	136.6
77	68.9	43.8	65.8#
79	60.9	40.6	60.8#



#18
Hexachloroethane
Concen: 39.60 ng
RT: 7.14 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.6	115.0
201	61.1	77.1	115.7#





#19

n-Nitroso-di-n-propylamine

Concen: 39.63 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 372533

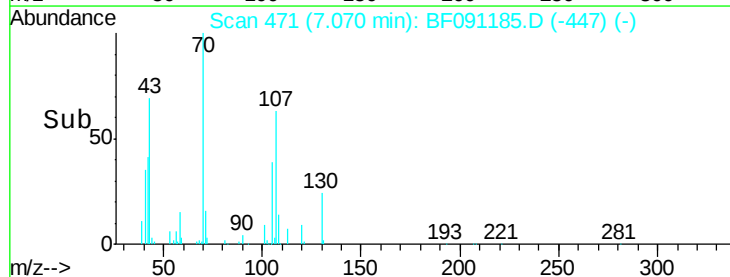
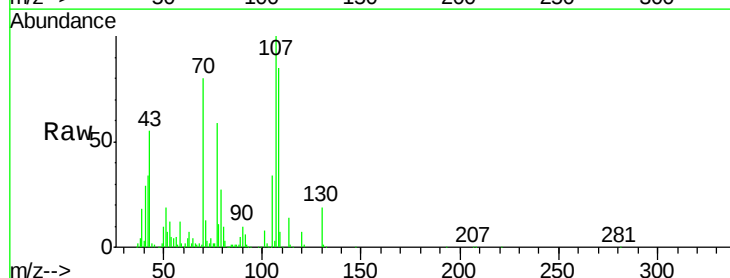
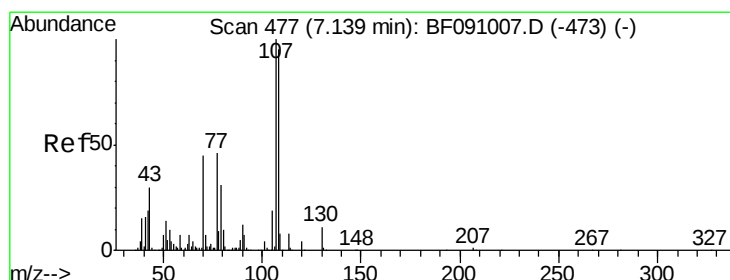
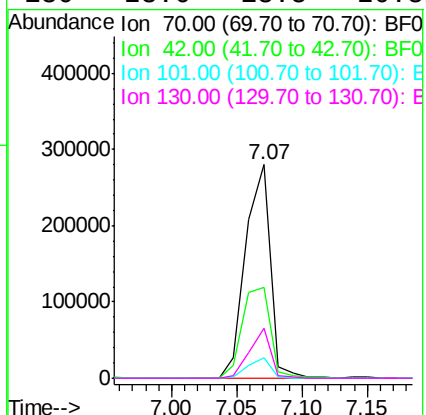
Ion Ratio Lower Upper

70 100

42 42.6 41.7 62.5

101 9.7 6.7 10.1

130 23.6 13.8 20.8#



#20

3+4-Methylphenols

Concen: 44.16 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Tgt Ion: 107 Resp: 500428

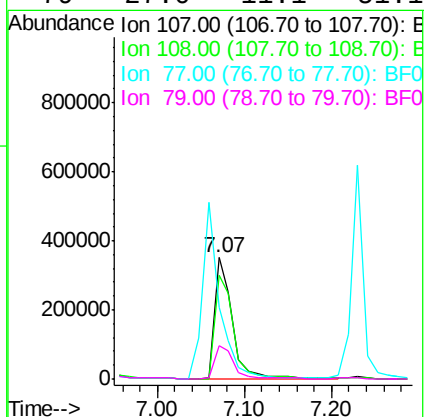
Ion Ratio Lower Upper

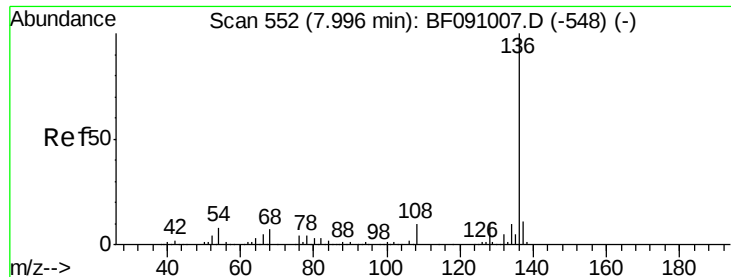
107 100

108 85.4 75.5 115.5

77 58.8 26.4 66.4

79 27.0 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 675838

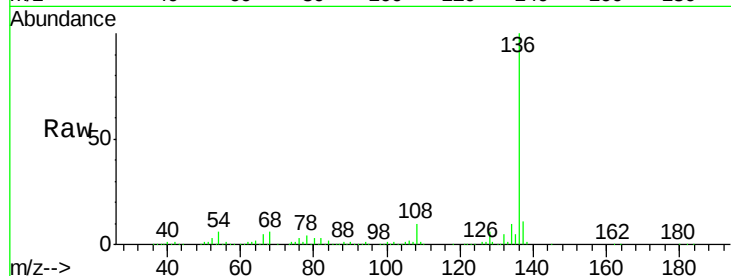
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.3 6.2 9.2

68 5.6 5.5 8.3

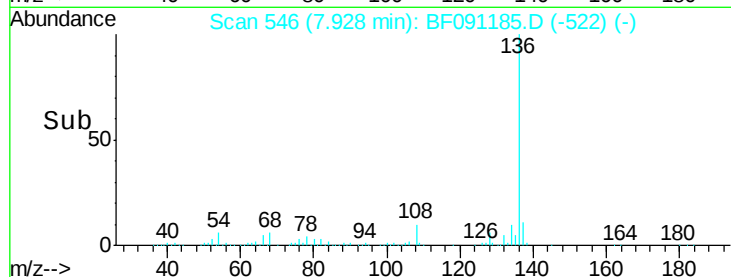


Abundance Ion 136.00 (135.70 to 136.70): E

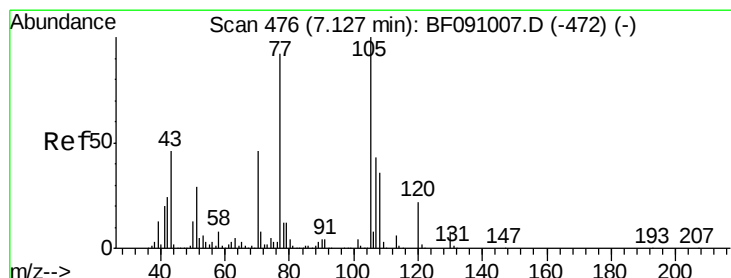
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.80 7.90 8.00 8.10



#22

Acetophenone

Concen: 42.80 ng

RT: 7.06 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Tgt Ion:105 Resp: 666088

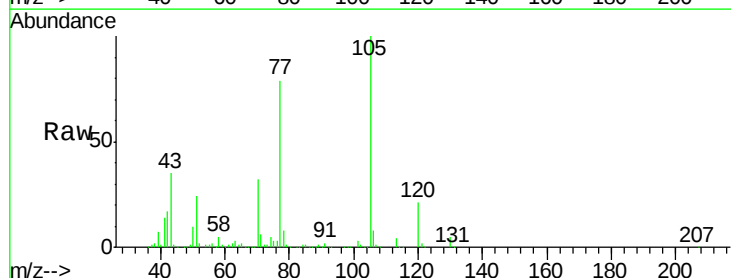
Ion Ratio Lower Upper

105 100

71 5.5 6.2 9.2#

51 24.4 23.3 34.9

120 21.1 17.4 26.0

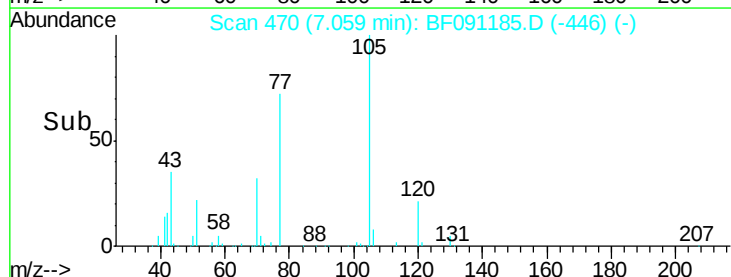


Abundance Ion 105.00 (104.70 to 105.70): E

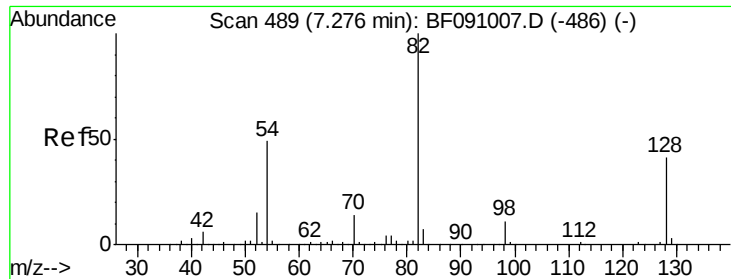
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



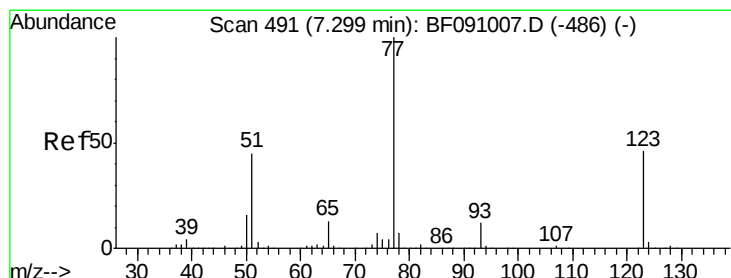
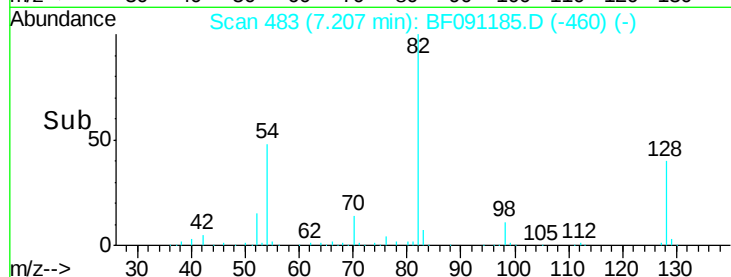
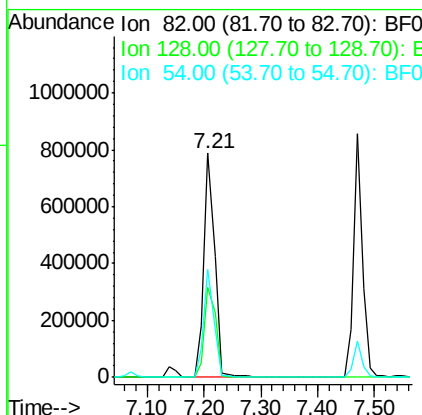
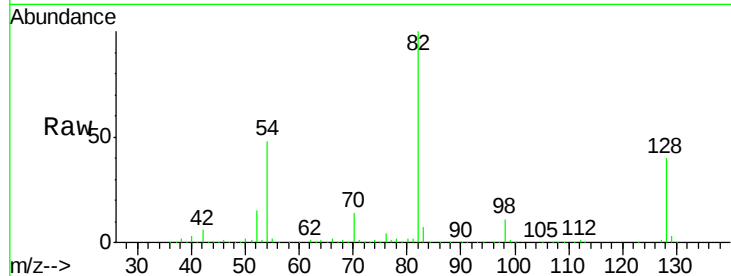
Time--> 7.00 7.10 7.20 7.30



#23
 Nitrobenzene-d5
 Concen: 80.57 ng
 RT: 7.21 min Scan# 483
 Delta R.T. -0.03 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

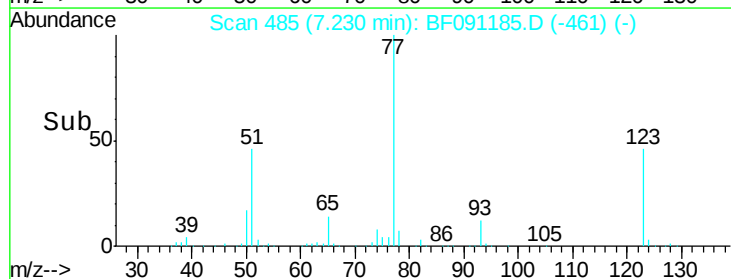
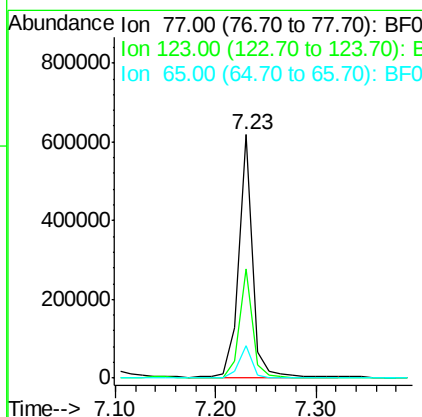
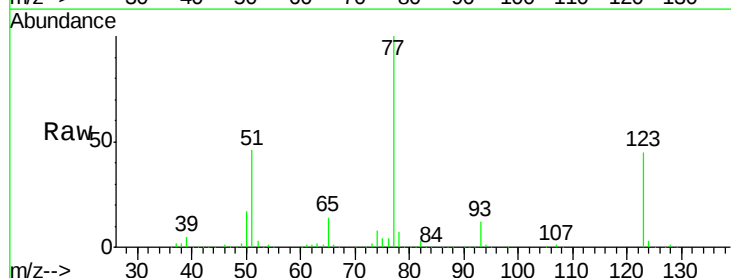
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

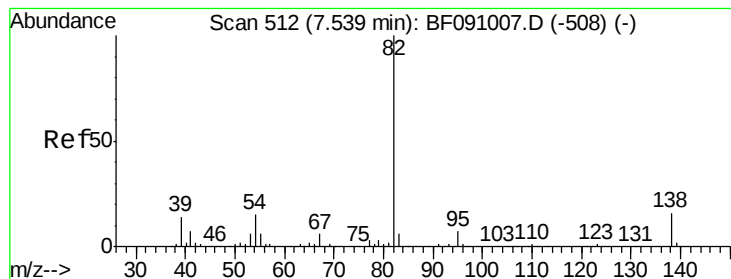
Tot Ion: 82 Resp: 998174
 Ion Ratio Lower Upper
 82 100
 128 40.2 32.4 48.6
 54 48.3 39.2 58.8



#24
 Nitrobenzene
 Concen: 42.47 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Tgt Ion: 77 Resp: 581170
 Ion Ratio Lower Upper
 77 100
 123 45.0 36.5 54.7
 65 13.6 10.7 16.1





#25

Isophorone

Concen: 39.69 ng

RT: 7.47 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

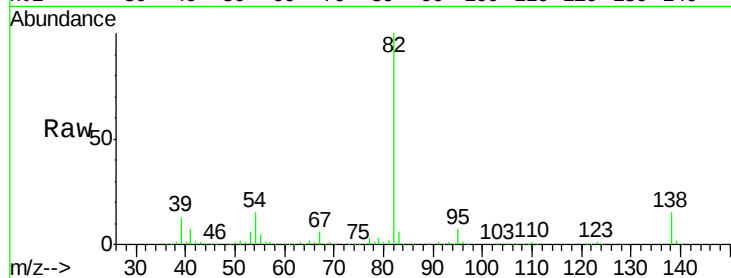
Tot Ion: 82 Resp: 947541

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

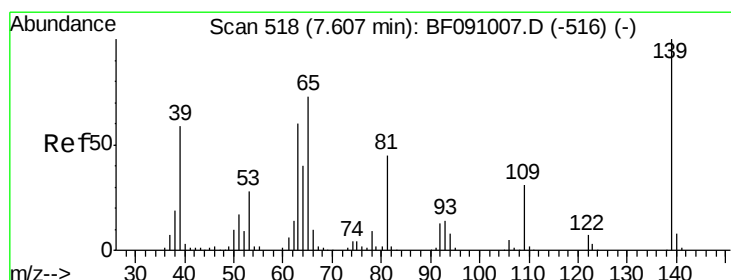
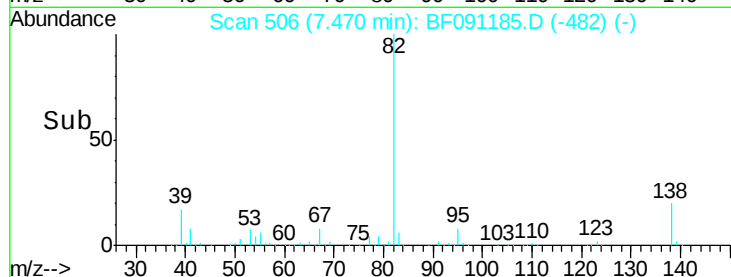
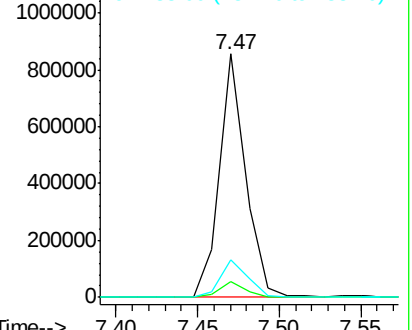
138 15.4 13.0 19.4



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: 45.09 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

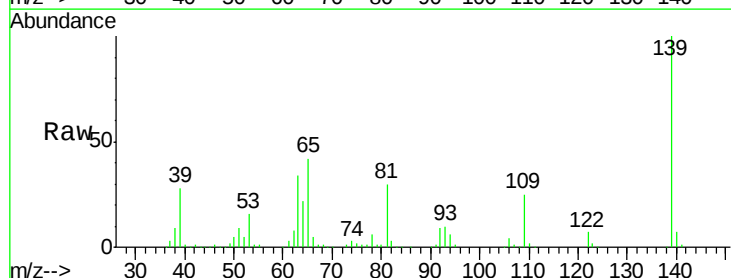
Tgt Ion: 139 Resp: 261069

Ion Ratio Lower Upper

139 100

109 25.1 24.7 37.1

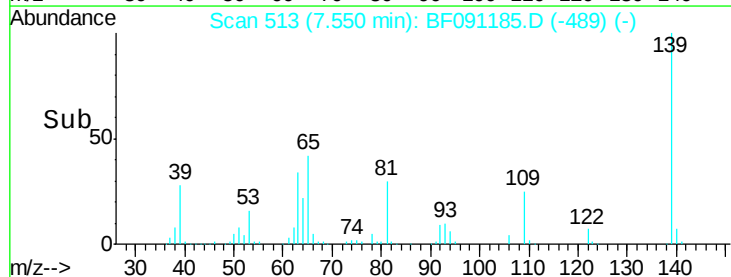
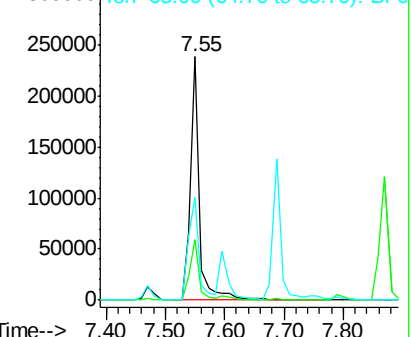
65 42.4 58.3 87.5#



Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

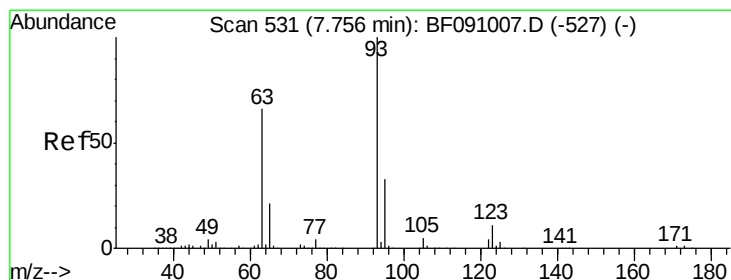
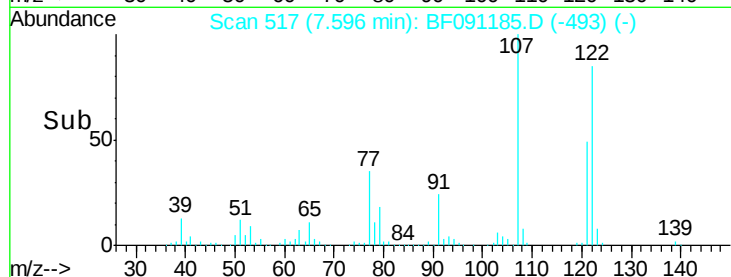
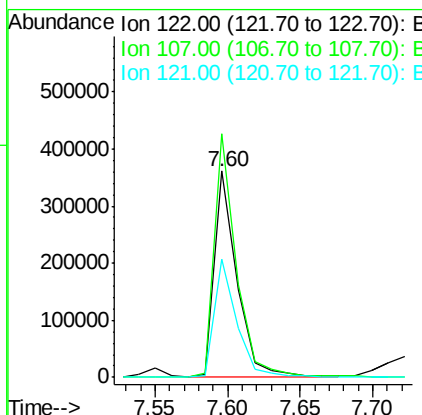
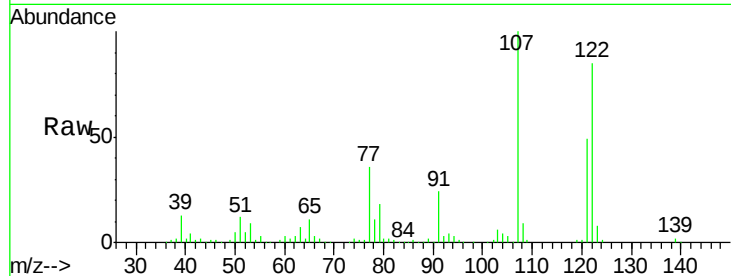




#27
 2,4-Dimethylphenol
 Concen: 40.41 ng
 RT: 7.60 min Scan# 517
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

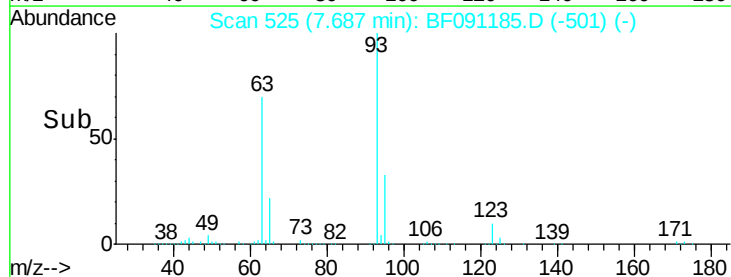
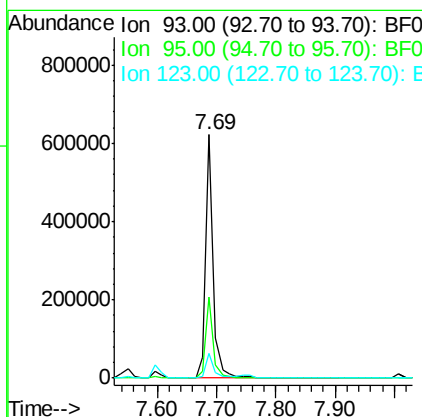
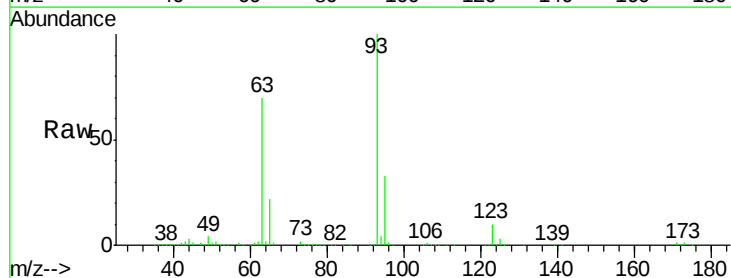
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:122 Resp: 386923
 Ion Ratio Lower Upper
 122 100
 107 118.0 89.6 134.4
 121 57.5 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.60 ng
 RT: 7.69 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Tgt Ion: 93 Resp: 568647
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 10.3 8.7 13.1

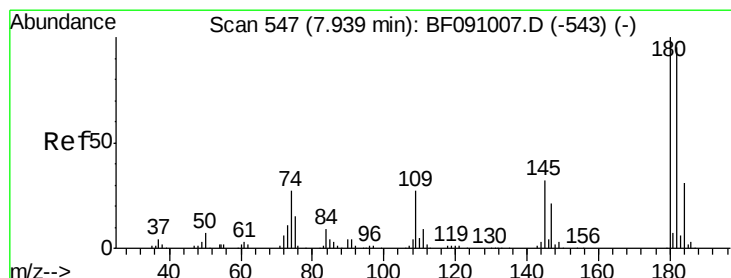
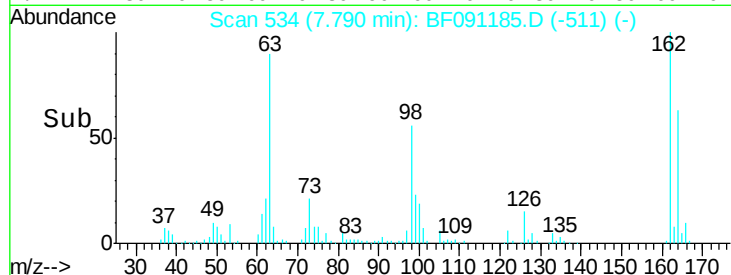
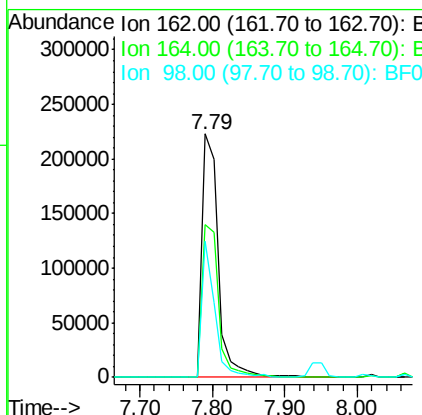
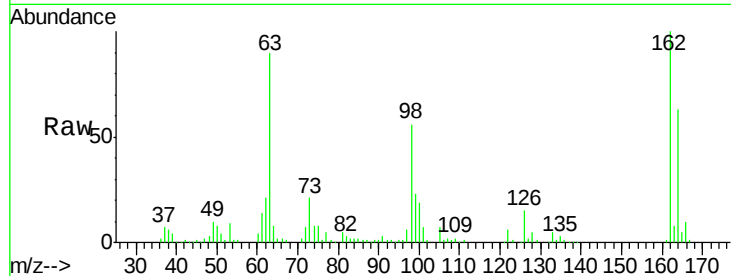




#29
 2,4-Dichlorophenol
 Concen: 41.56 ng
 RT: 7.79 min Scan# 534
 Delta R.T. -0.03 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

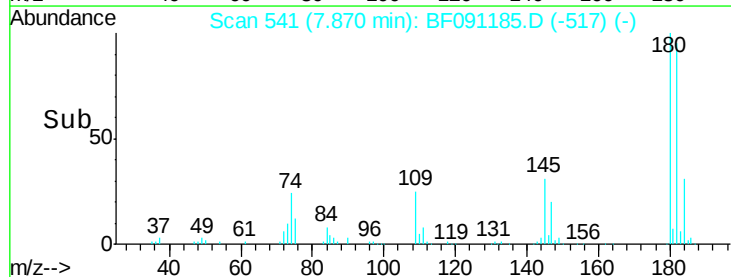
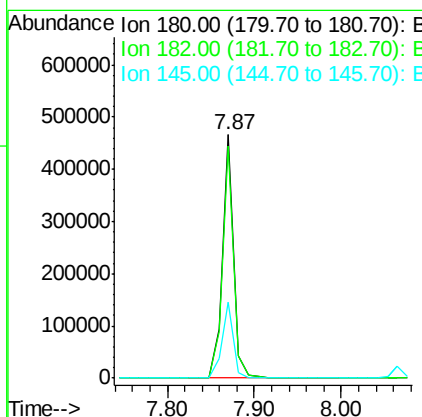
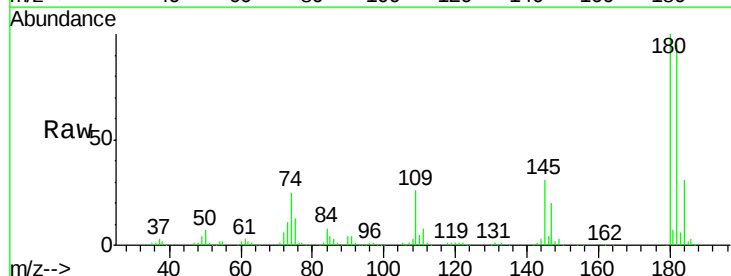
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

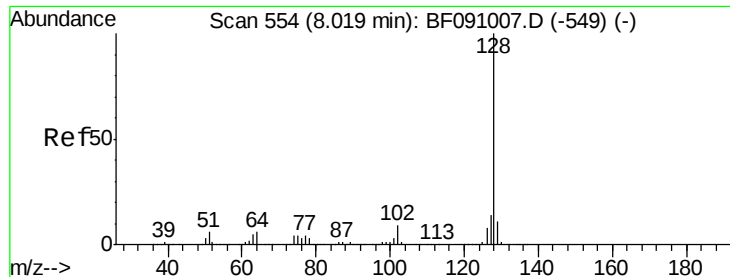
Tot Ion:162 Resp: 347310
 Ion Ratio Lower Upper
 162 100
 164 62.8 44.4 84.4
 98 56.0 25.2 65.2



#30
 1,2,4-Trichlorobenzene
 Concen: 45.01 ng
 RT: 7.87 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Tgt Ion:180 Resp: 422980
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.0 114.0
 145 31.4 25.8 38.8

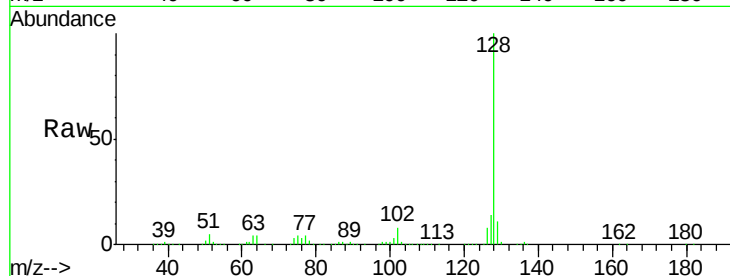




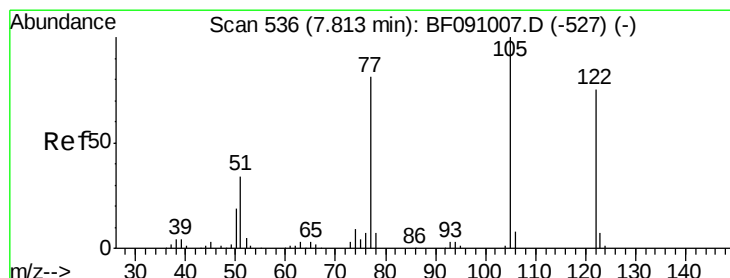
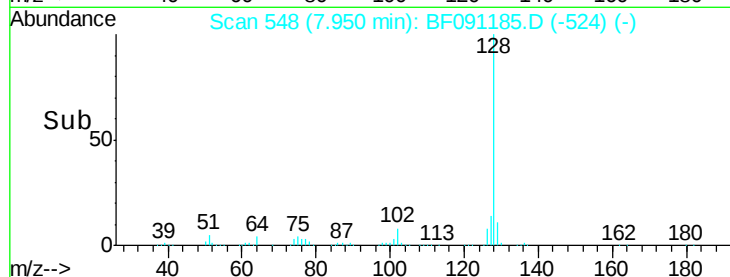
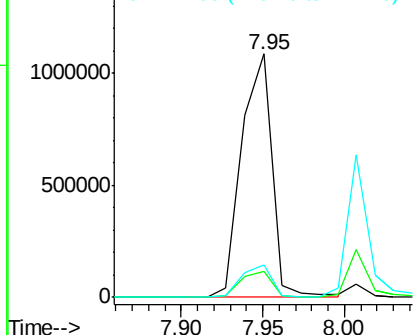
#31
Naphthalene
Concen: 43.18 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.02 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 1395479
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.5 10.9 16.3

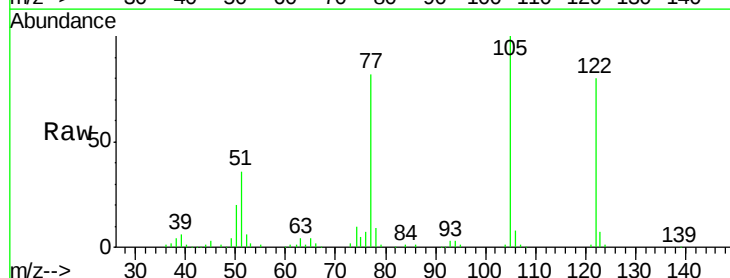


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

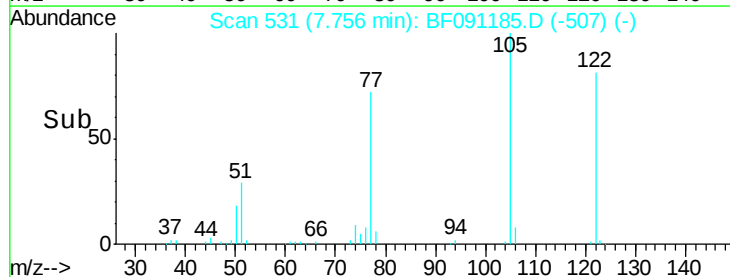
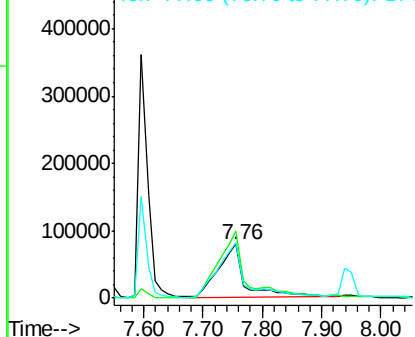


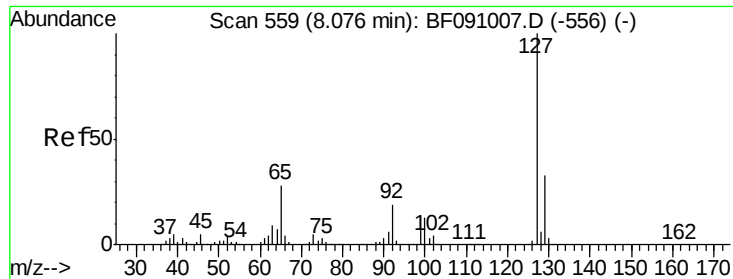
#32
Benzoic acid
Concen: 34.11 ng
RT: 7.76 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Tgt Ion:122 Resp: 242535
Ion Ratio Lower Upper
122 100
105 124.9 105.9 145.9
77 102.0 84.0 124.0



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

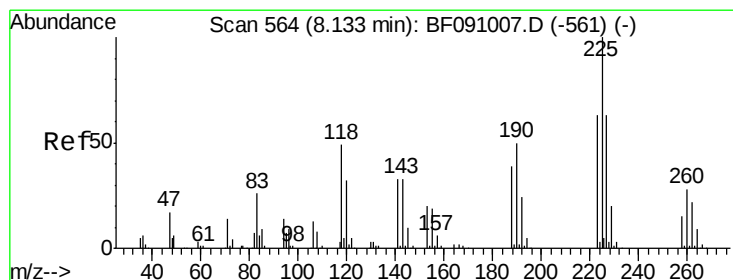
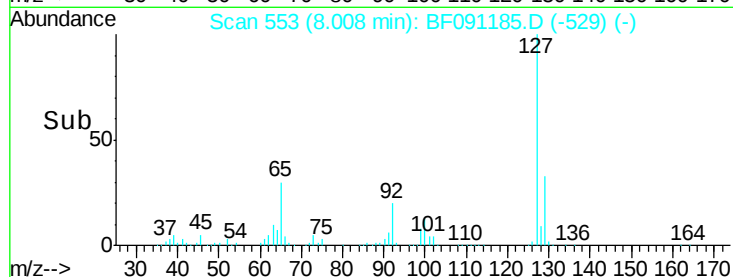
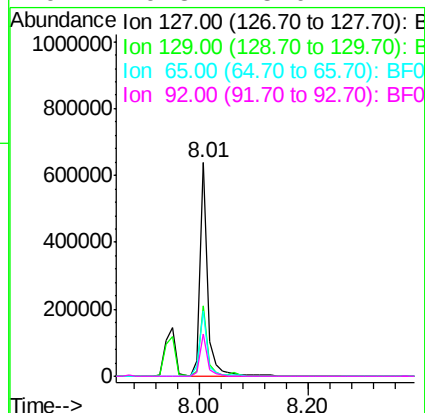
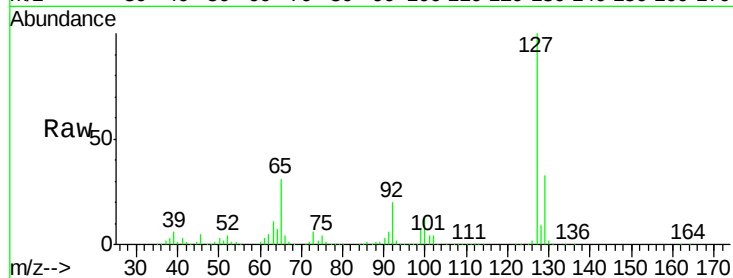




#33
4-Chloroaniline
Concen: 44.70 ng
RT: 8.01 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

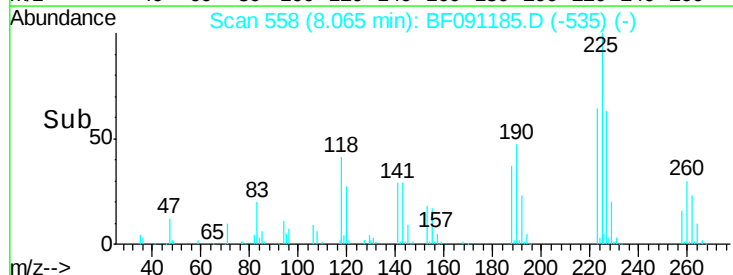
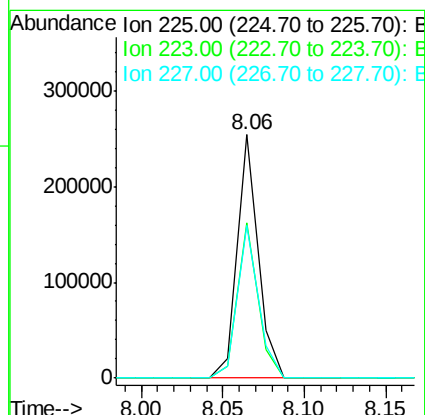
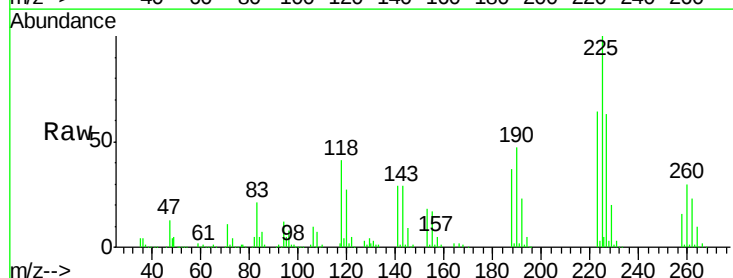
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

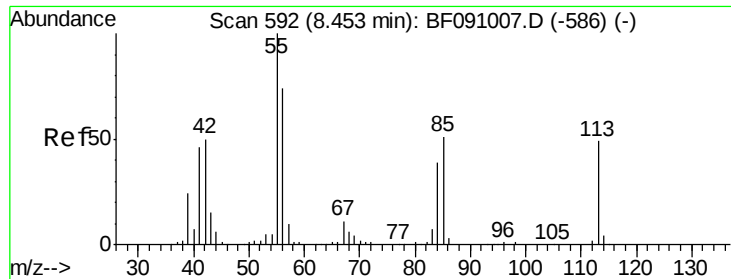
Tot Ion:	127	Resp:	600901
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.6	39.8
65	30.7	22.2	33.2
92	19.8	15.0	22.4



#34
Hexachlorobutadiene
Concen: 44.04 ng
RT: 8.06 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Tgt Ion:	225	Resp:	223393
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.4	75.6
227	62.7	50.1	75.1

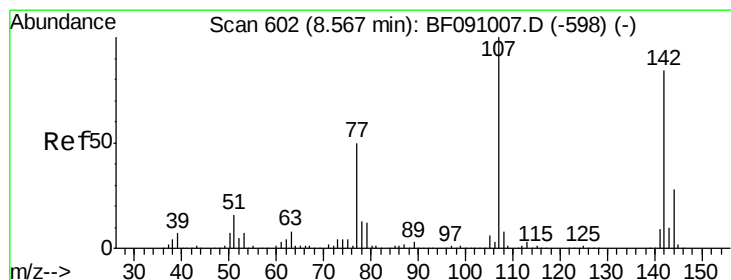
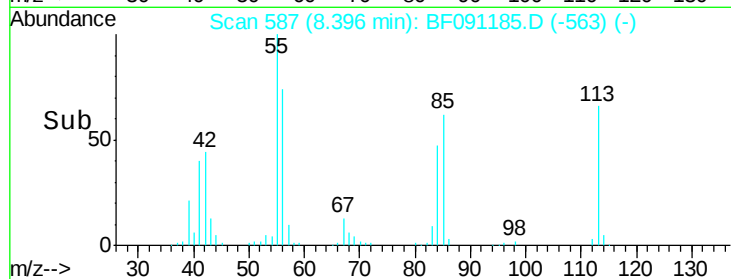
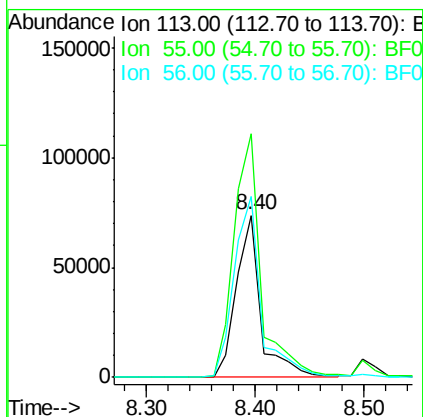
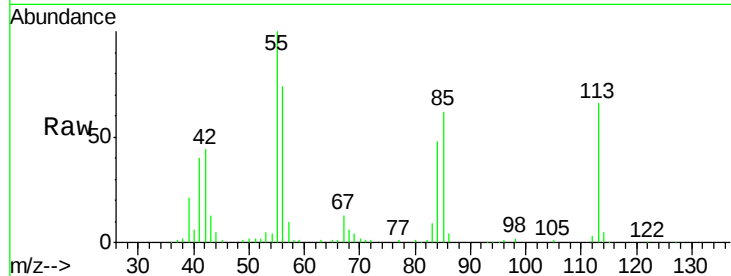




#35
 Caprolactam
 Concen: 43.19 ng
 RT: 8.40 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

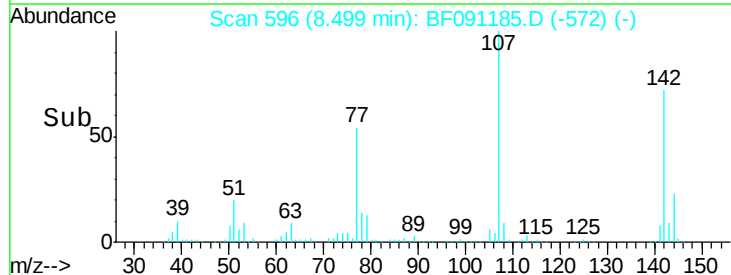
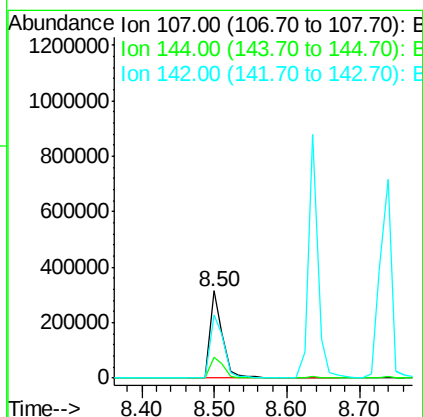
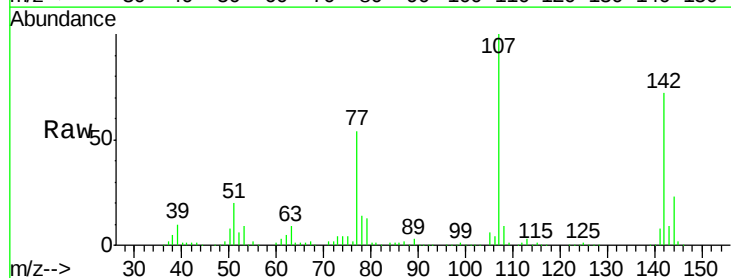
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

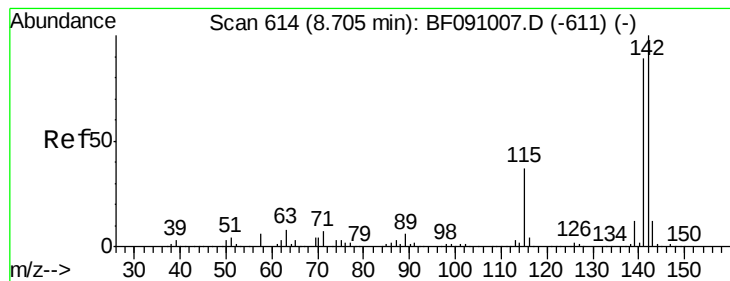
Tot Ion:113 Resp: 113407
 Ion Ratio Lower Upper
 113 100
 55 150.5 184.1 224.1#
 56 111.6 132.0 172.0#



#36
 4-Chloro-3-methylphenol
 Concen: 36.48 ng
 RT: 8.50 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Tgt Ion:107 Resp: 369104
 Ion Ratio Lower Upper
 107 100
 144 23.3 22.5 33.7
 142 71.9 67.4 101.2





#37

2-Methylnaphthalene

Concen: 37.83 ng

RT: 8.64 min Scan# 608

Delta R.T. -0.03 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

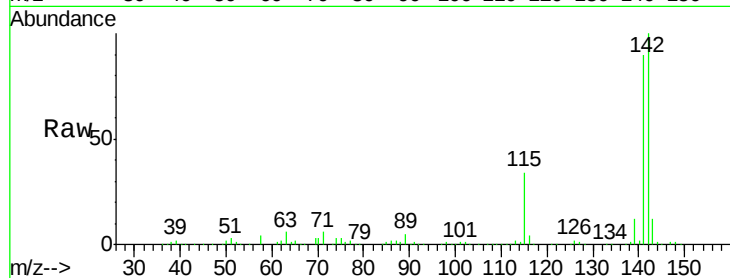
Tot Ion:142 Resp: 785989

Ion Ratio Lower Upper

142 100

141 90.2 71.3 106.9

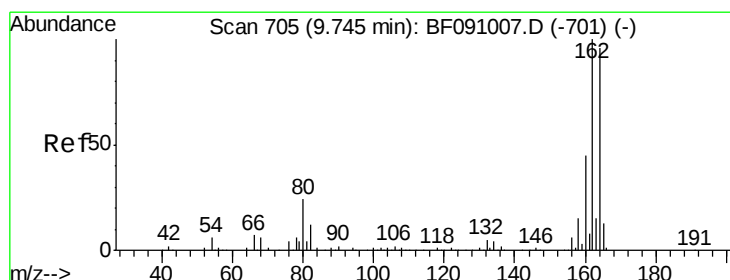
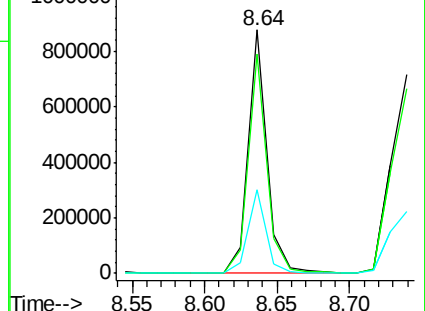
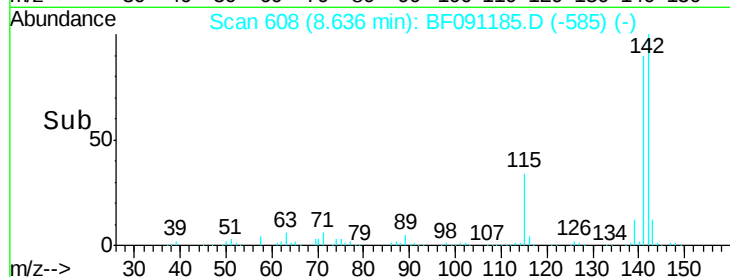
115 34.5 29.9 44.9



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: 9.68 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

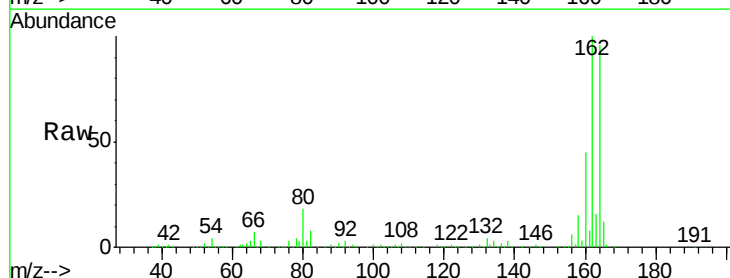
Tgt Ion:164 Resp: 349151

Ion Ratio Lower Upper

164 100

162 104.6 83.6 125.4

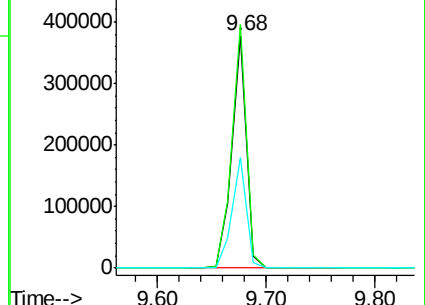
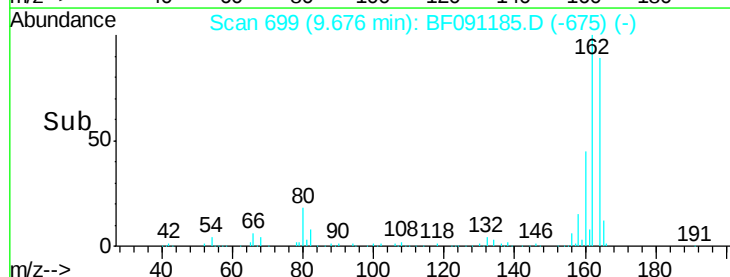
160 47.4 37.9 56.9

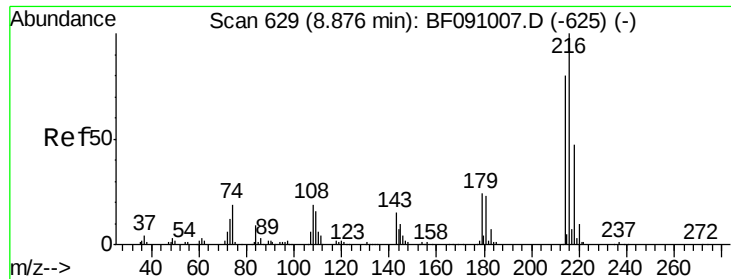


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.80 ng

RT: 8.81 min Scan# 623

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 407676

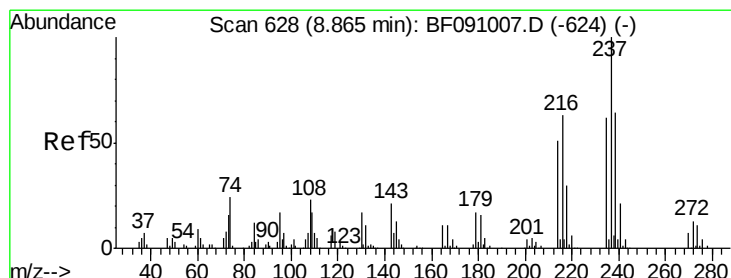
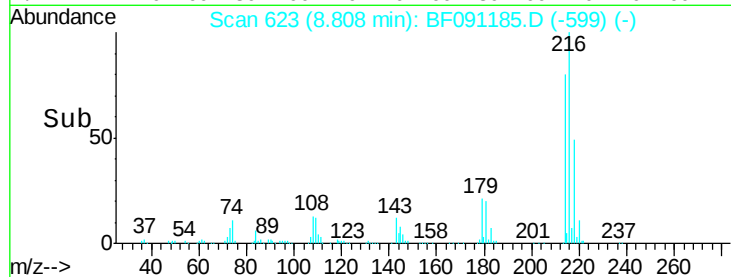
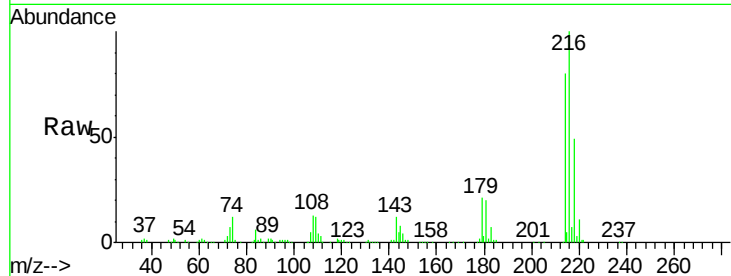
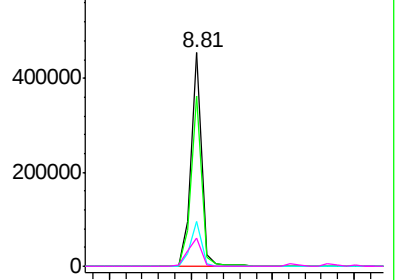
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.5	95.3
179	21.8	19.1	28.7
108	17.5	17.5	26.3

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: 29.84 ng

RT: 8.80 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

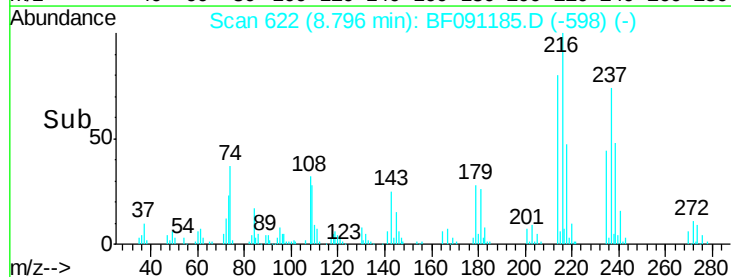
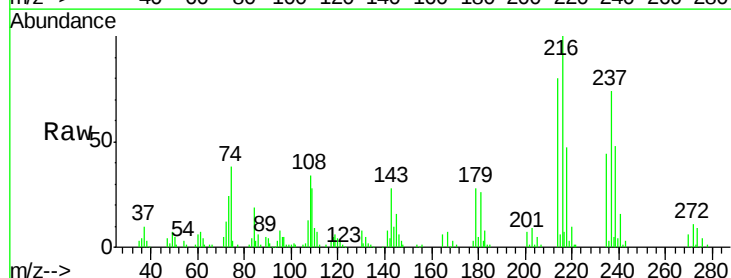
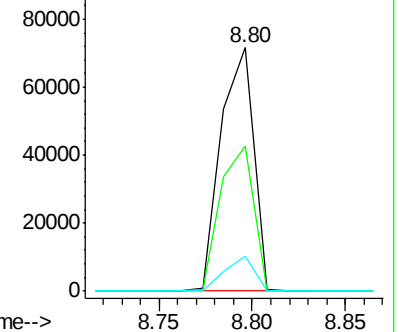
Tgt Ion:237 Resp: 86760

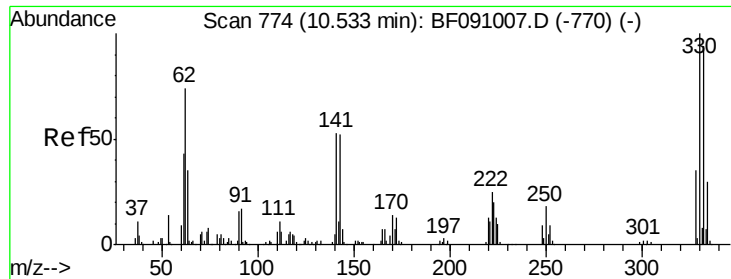
Ion	Ratio	Lower	Upper
237	100		
235	59.5	42.1	82.1
272	14.4	0.0	33.1

Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

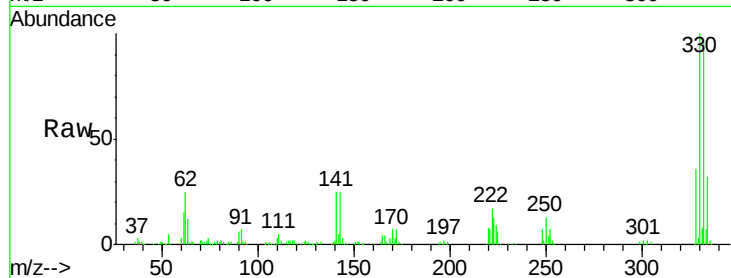




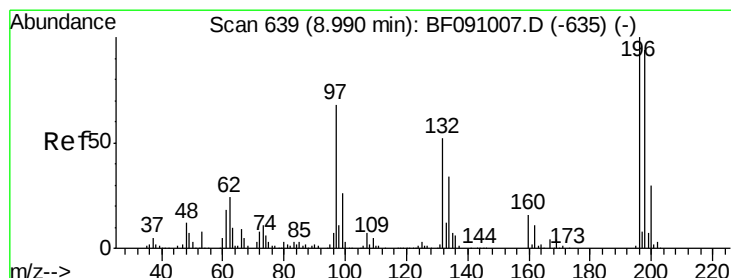
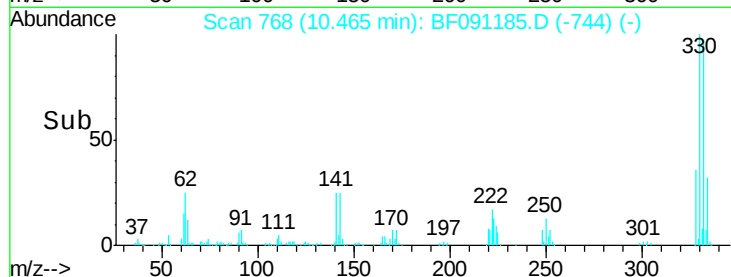
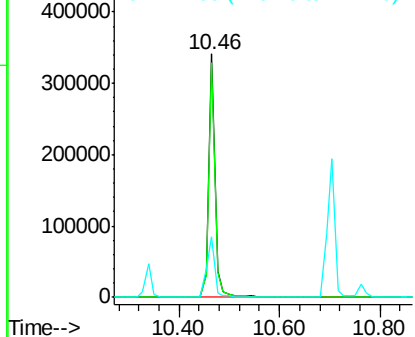
#41
 2,4,6-Tribromophenol
 Concen: 95.90 ng
 RT: 10.46 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:330 Resp: 302710
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.9 113.9
 141 33.2 36.1 54.1#

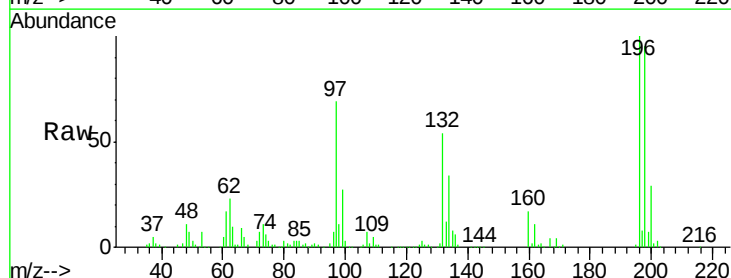


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

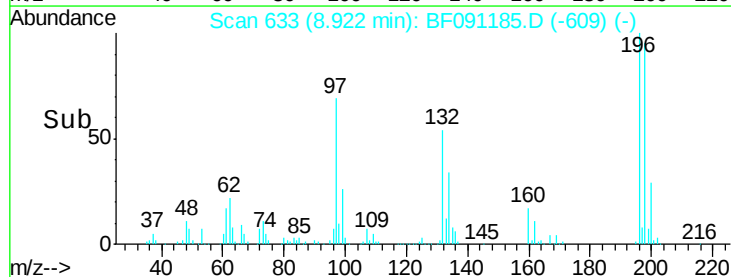
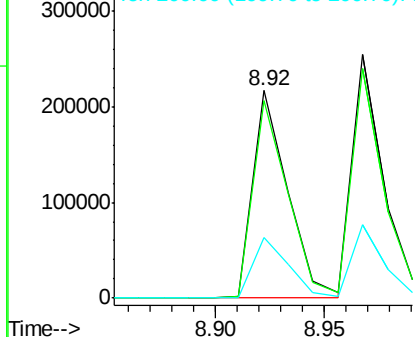


#42
 2,4,6-Trichlorophenol
 Concen: 42.06 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Tgt Ion:196 Resp: 241690
 Ion Ratio Lower Upper
 196 100
 198 95.4 75.4 113.0
 200 29.3 24.1 36.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

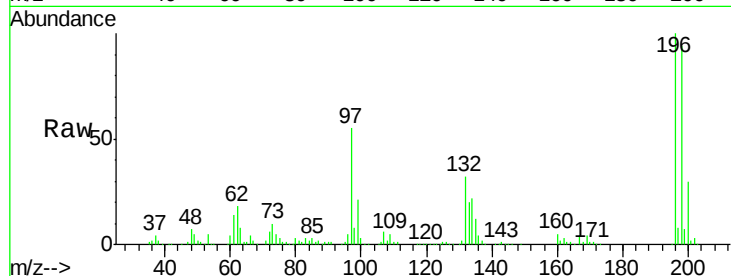




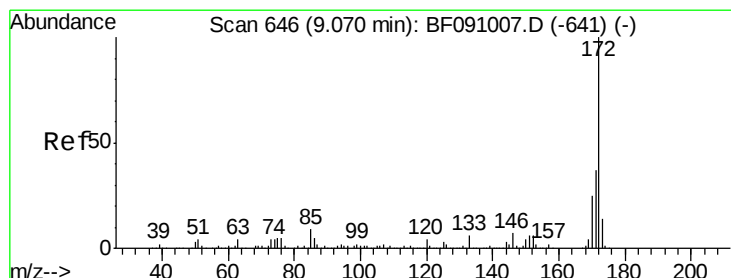
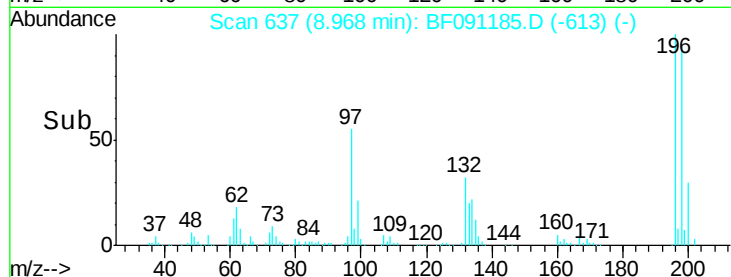
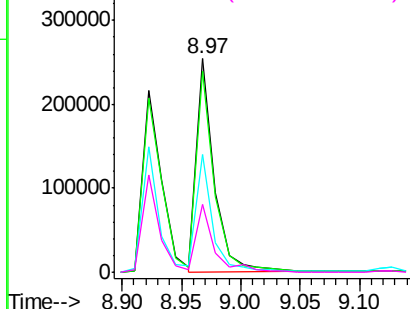
#43
 2,4,5-Trichlorophenol
 Concen: 43.99 ng
 RT: 8.97 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196 Resp: 265414
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.2 117.4
 97 55.0 38.8 58.2
 132 32.0 23.5 35.3

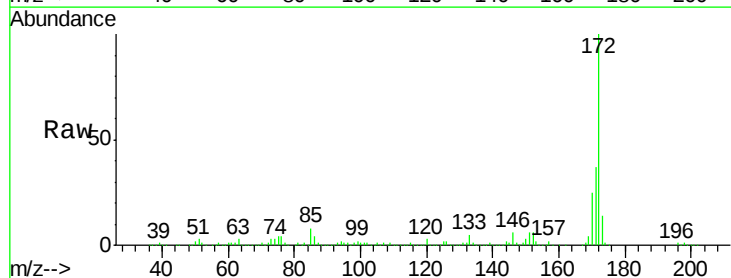


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

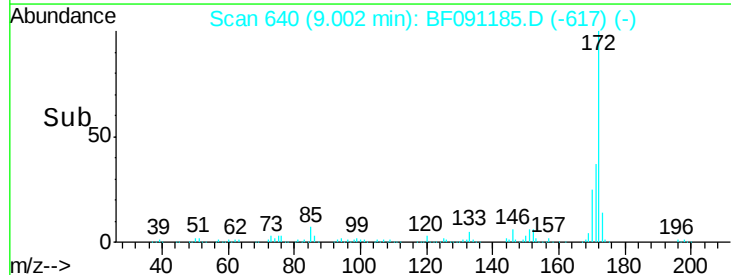
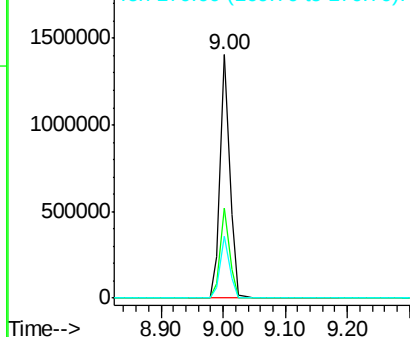


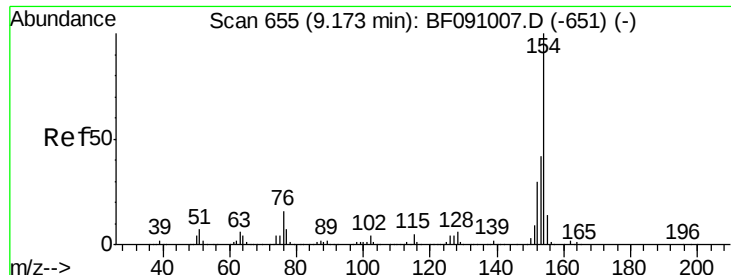
#44
 2-Fluorobiphenyl
 Concen: 73.62 ng
 RT: 9.00 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Tgt Ion:172 Resp: 1493003
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.8 44.6
 170 25.2 20.3 30.5



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

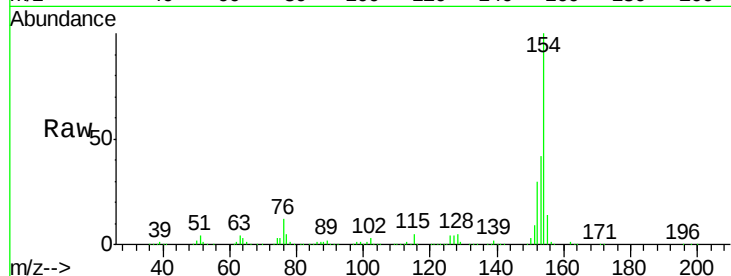




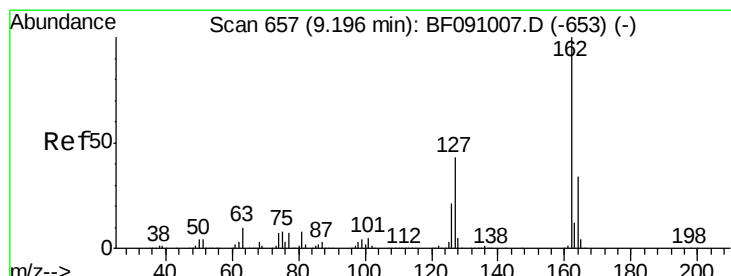
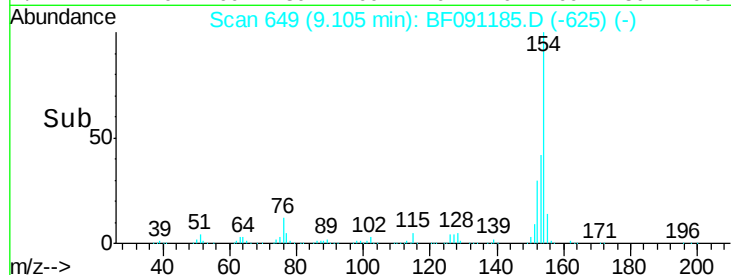
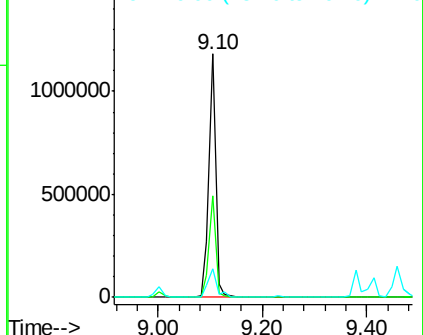
#45
 1,1'-Biphenyl
 Concen: 42.11 ng
 RT: 9.10 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:154 Resp: 1073667
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.6 61.6
 76 11.6 0.0 36.2

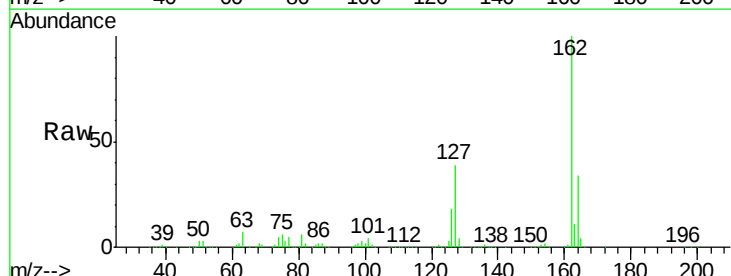


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

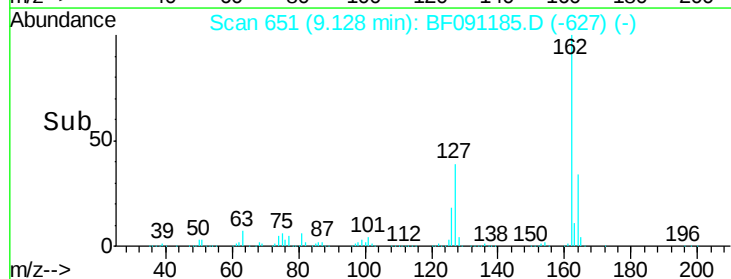
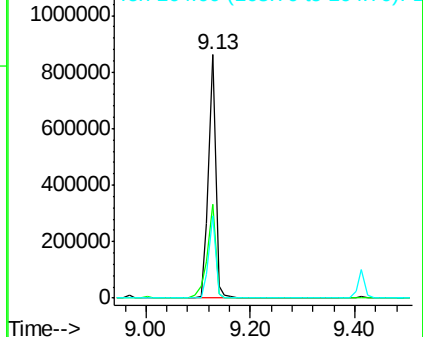


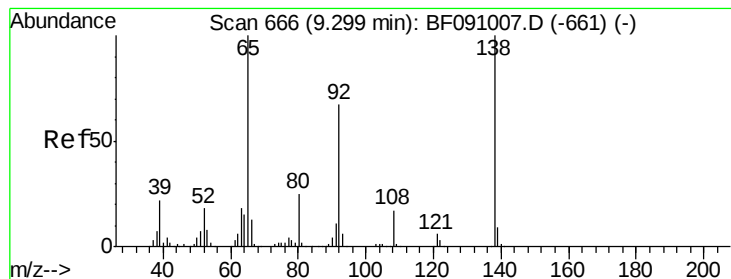
#46
 2-Chloronaphthalene
 Concen: 42.69 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Tgt Ion:162 Resp: 826341
 Ion Ratio Lower Upper
 162 100
 127 38.7 34.7 52.1
 164 33.9 27.0 40.4



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: 35.42 ng

RT: 9.23 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

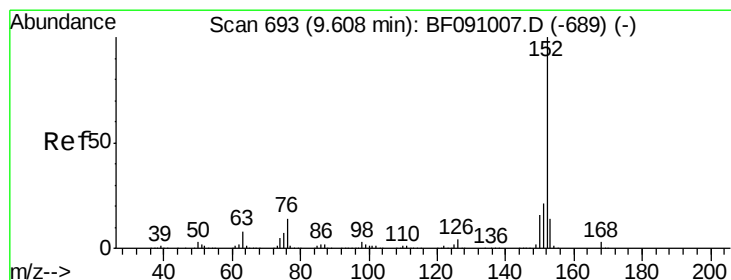
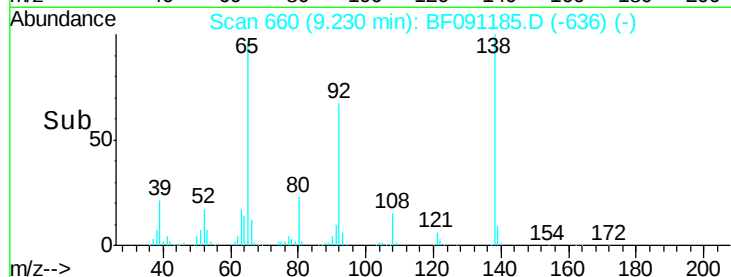
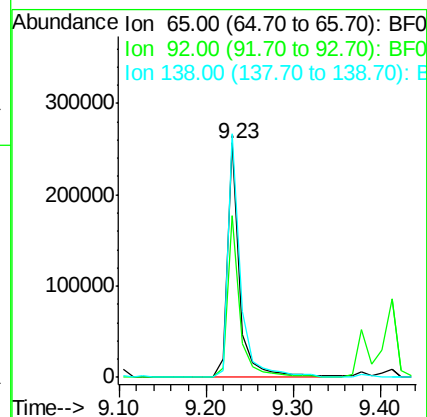
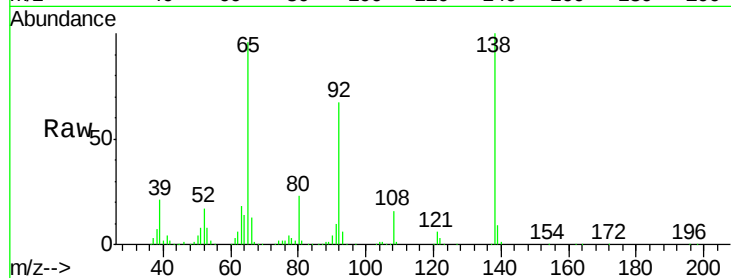
Tot Ion: 65 Resp: 254423

Ion Ratio Lower Upper

65 100

92 69.2 53.9 80.9

138 103.9 80.1 120.1



#48

Acenaphthylene

Concen: 41.65 ng

RT: 9.54 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

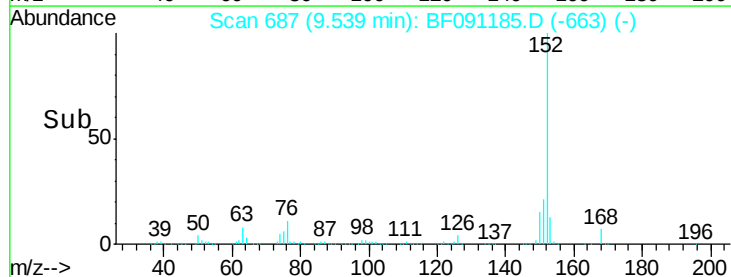
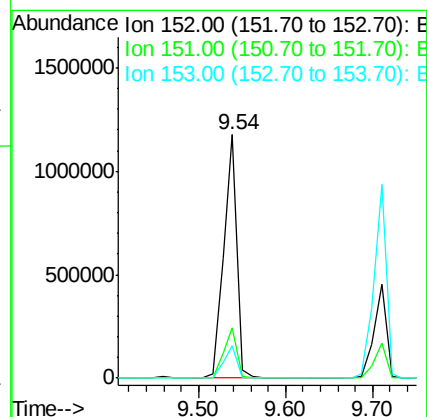
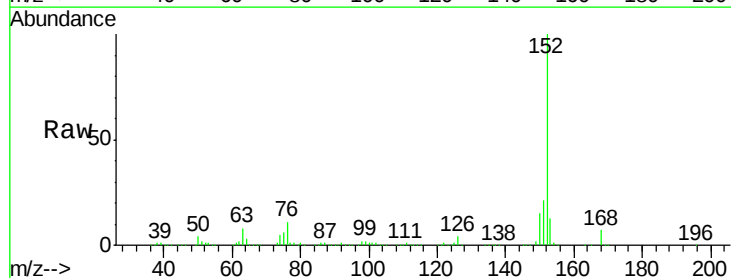
Tgt Ion: 152 Resp: 1256317

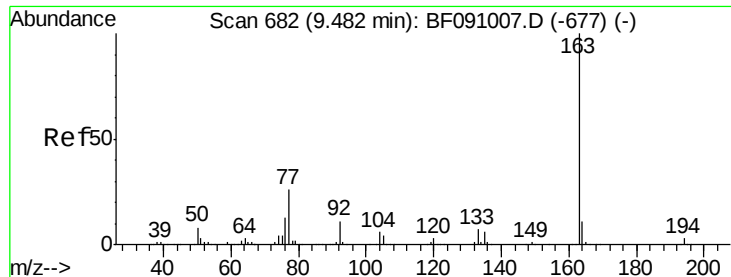
Ion Ratio Lower Upper

152 100

151 20.8 16.7 25.1

153 13.4 11.1 16.7

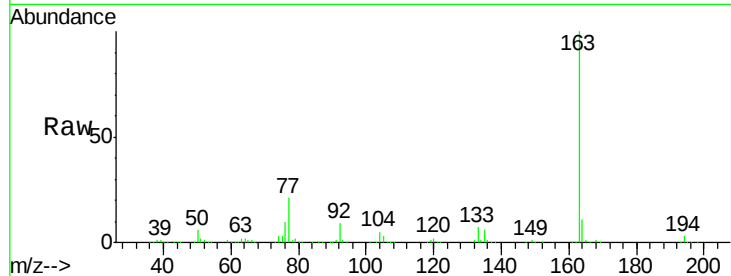




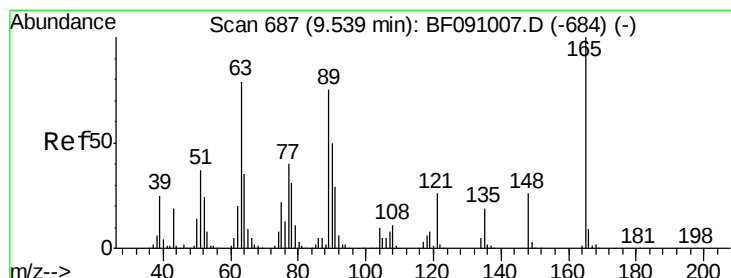
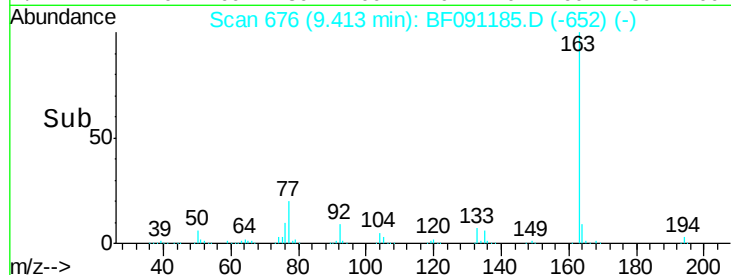
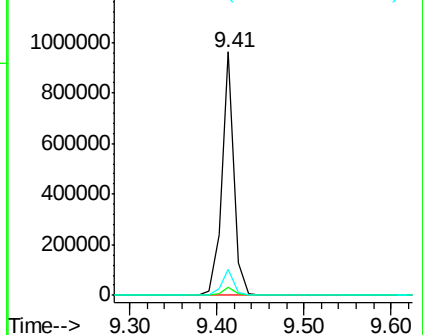
#49
Dimethylphthalate
Concen: 40.90 ng
RT: 9.41 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:163 Resp: 936432
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 8.7 13.1

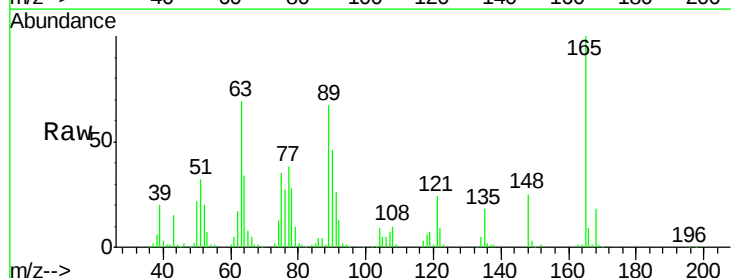


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

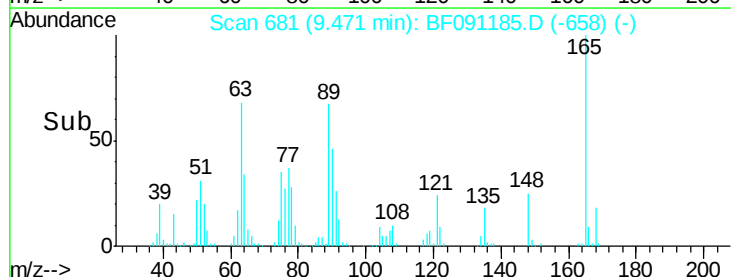
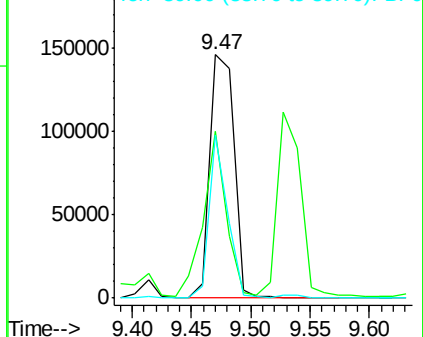


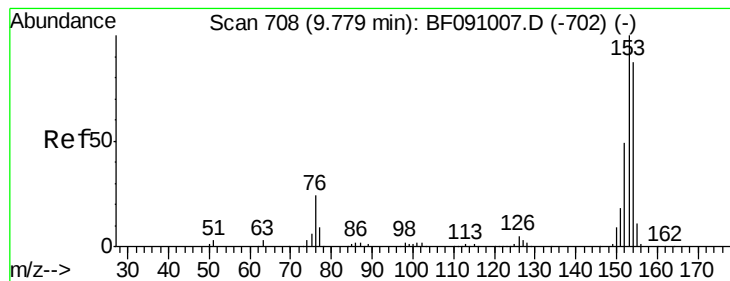
#50
2,6-Dinitrotoluene
Concen: 42.07 ng
RT: 9.47 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Tgt Ion:165 Resp: 206434
Ion Ratio Lower Upper
165 100
63 68.8 65.6 98.4
89 67.1 59.8 89.6



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





#51

Acenaphthene

Concen: 41.56 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

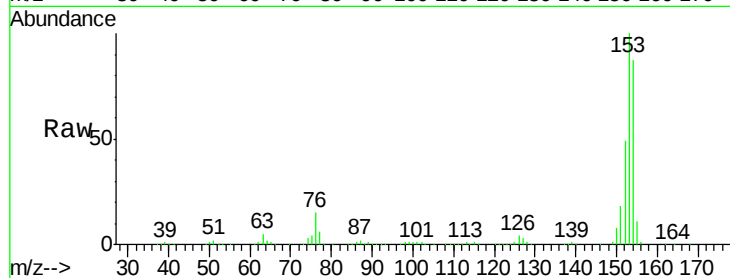
Tot Ion:154 Resp: 787012

Ion Ratio Lower Upper

154 100

153 115.1 91.6 137.4

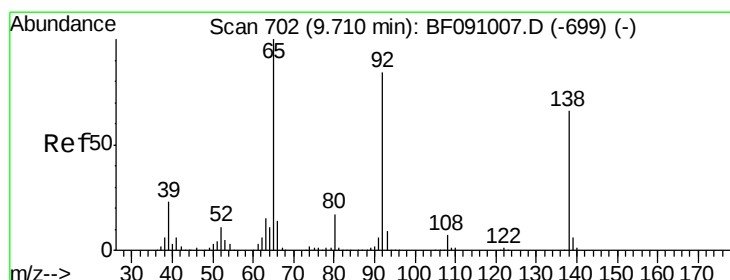
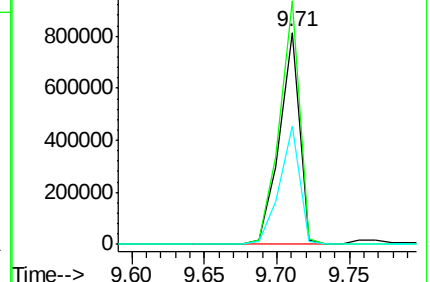
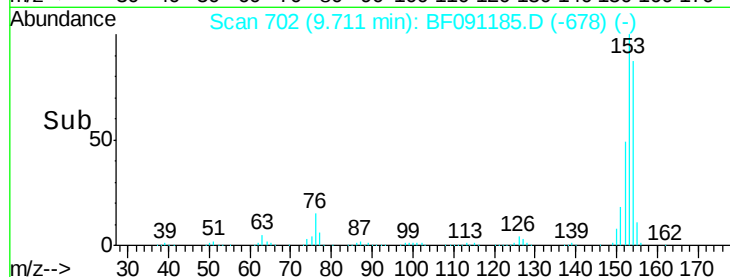
152 55.9 44.6 67.0



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: 38.10 ng

RT: 9.64 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

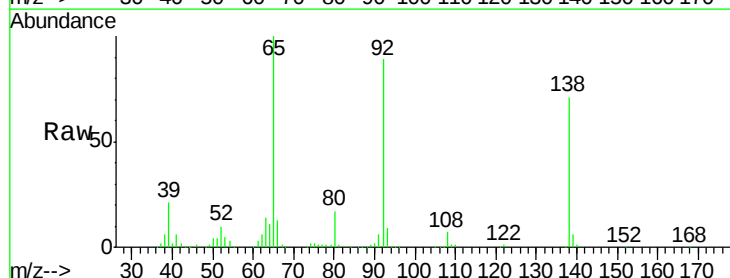
Tgt Ion:138 Resp: 221696

Ion Ratio Lower Upper

138 100

108 10.4 8.4 12.6

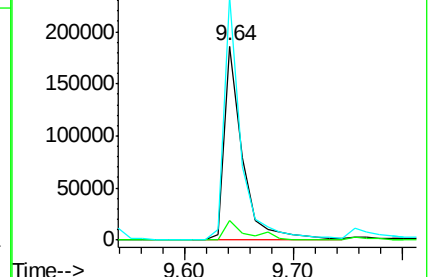
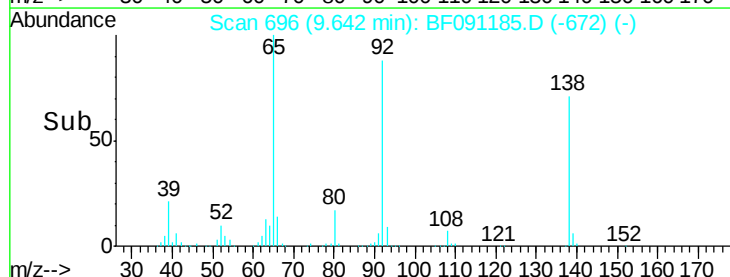
92 125.4 101.1 151.7

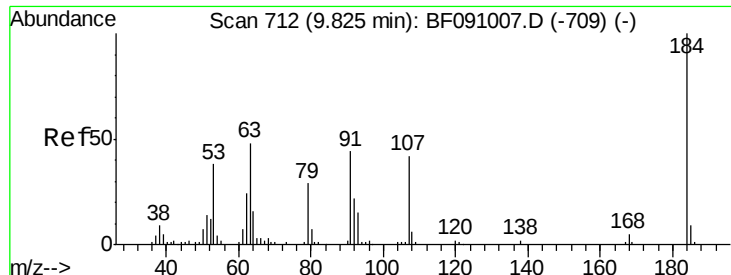


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

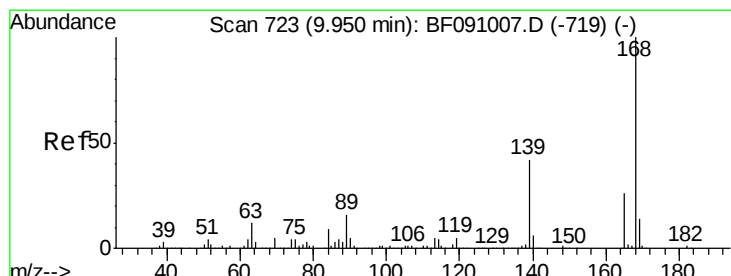
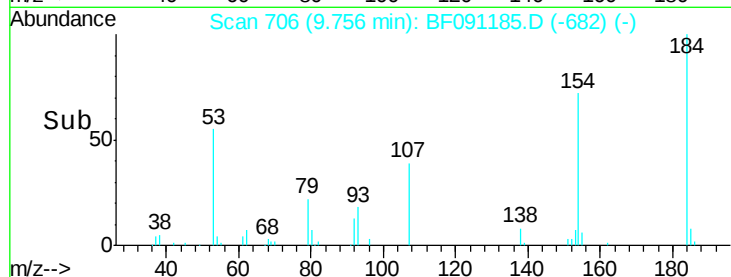
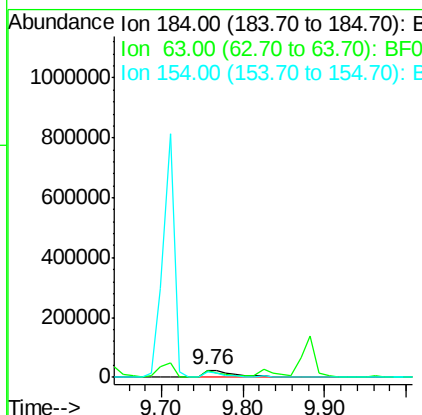
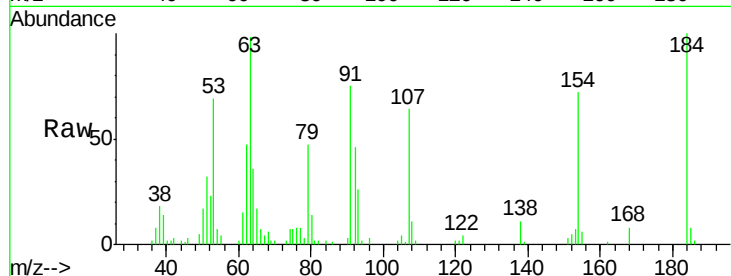




#53
 2,4-Dinitrophenol
 Concen: 29.15 ng
 RT: 9.76 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

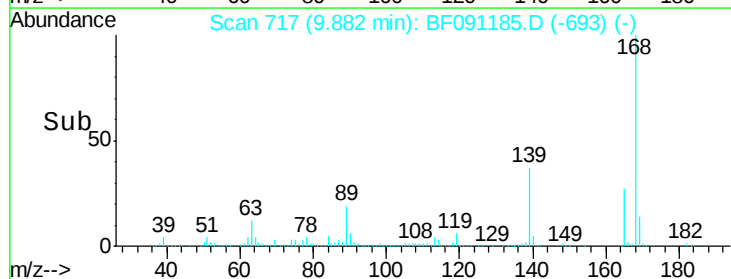
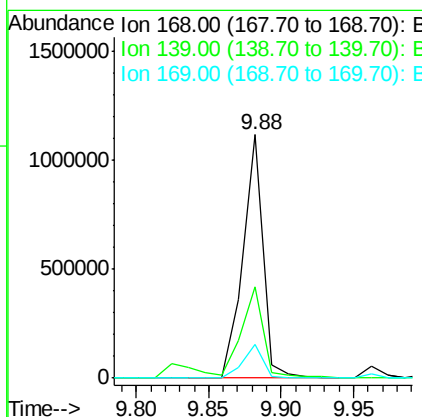
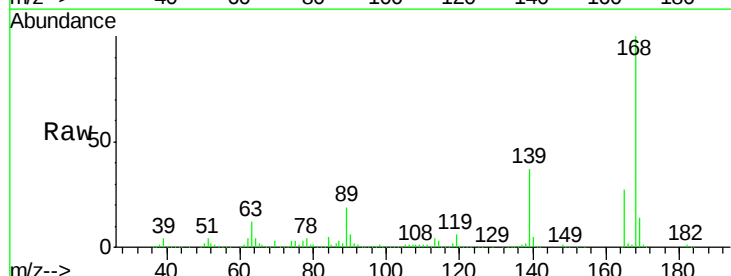
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

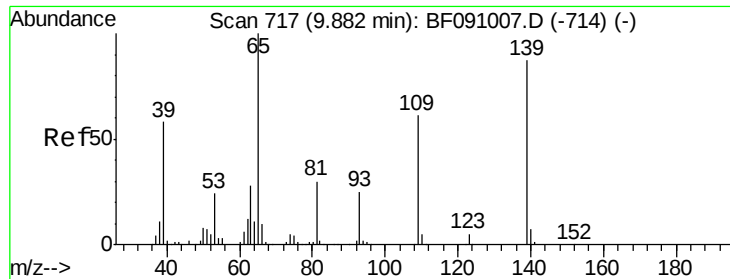
Tot Ion:184 Resp: 66363
 Ion Ratio Lower Upper
 184 100
 63 98.3 45.5 68.3#
 154 72.2 51.0 76.4



#54
 Dibenzofuran
 Concen: 42.33 ng
 RT: 9.88 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Tgt Ion:168 Resp: 1079053
 Ion Ratio Lower Upper
 168 100
 139 37.3 34.8 52.2
 169 13.6 11.4 17.2

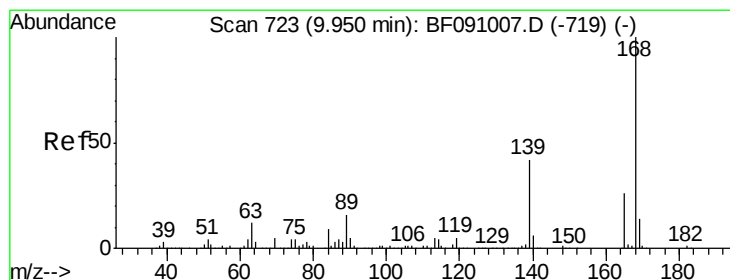
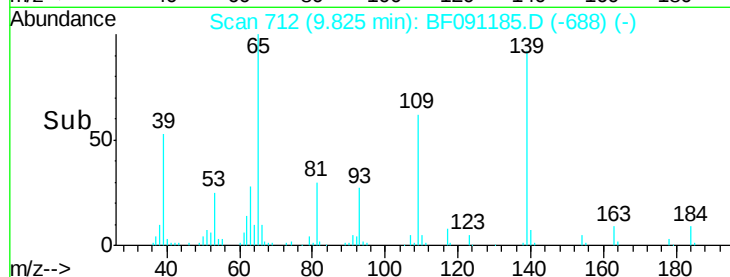
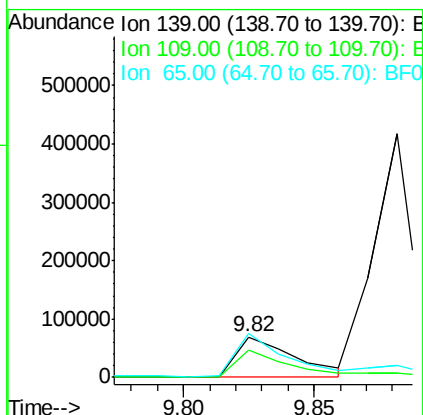
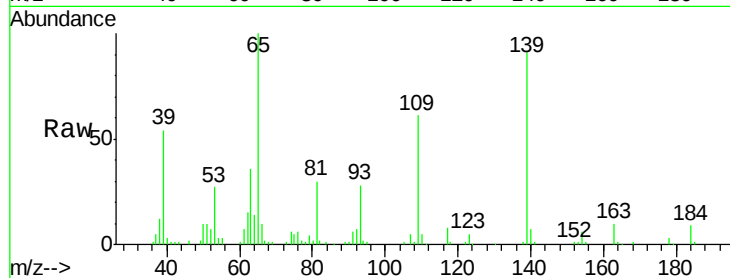




#55
4-Nitrophenol
Concen: 31.66 ng
RT: 9.82 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

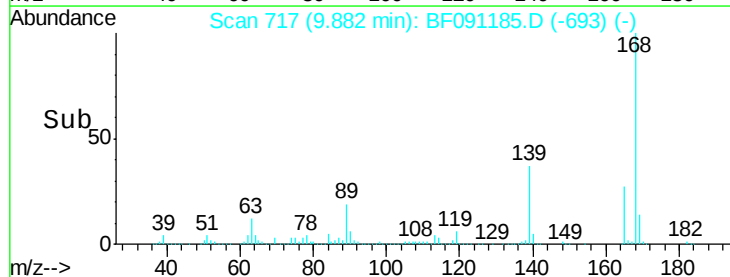
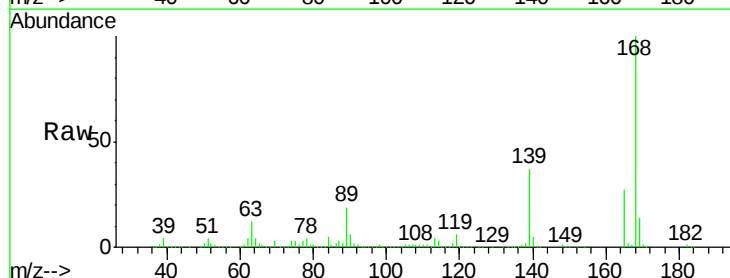
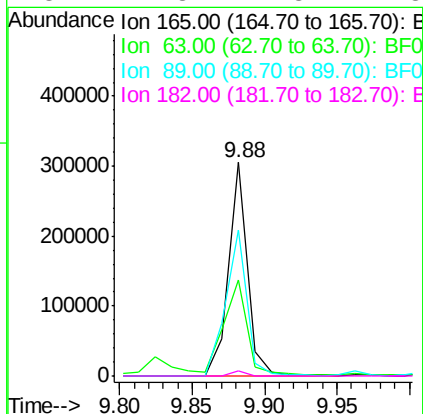
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

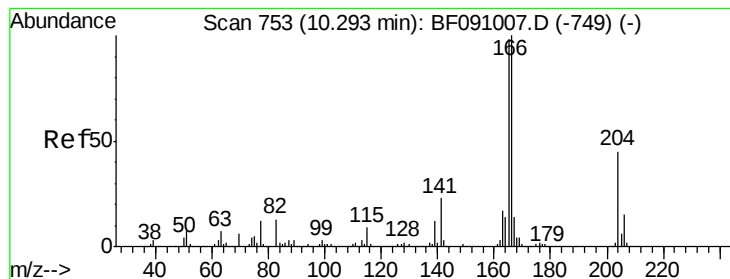
Tot Ion:139 Resp: 108215
Ion Ratio Lower Upper
139 100
109 67.2 50.5 90.5
65 109.6 97.1 137.1



#56
2,4-Dinitrotoluene
Concen: 44.41 ng
RT: 9.88 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Tgt Ion:165 Resp: 277217
Ion Ratio Lower Upper
165 100
63 45.1 38.7 58.1
89 68.5 50.6 76.0
182 2.3 1.8 2.8





#57

Fluorene

Concen: 43.72 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

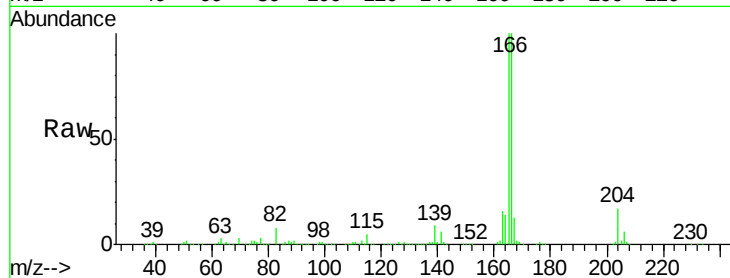
Tot Ion:166 Resp: 910961

Ion Ratio Lower Upper

166 100

165 99.8 78.6 118.0

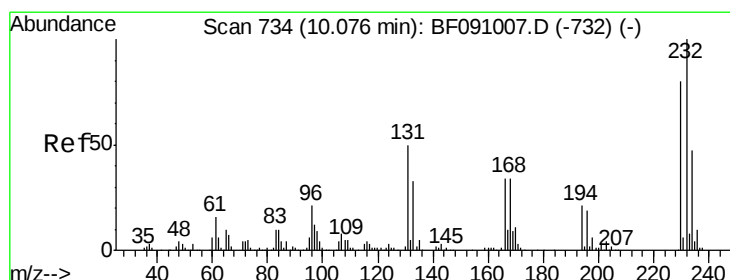
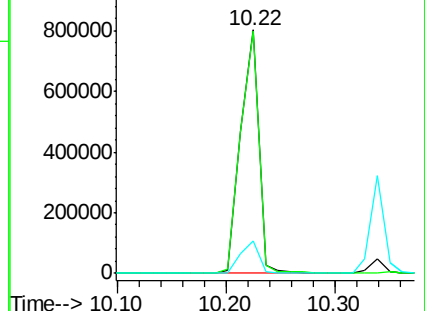
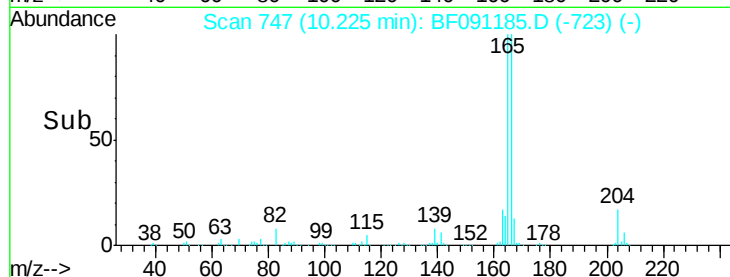
167 13.5 11.1 16.7



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: 47.85 ng

RT: 10.01 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Tgt Ion:232 Resp: 226182

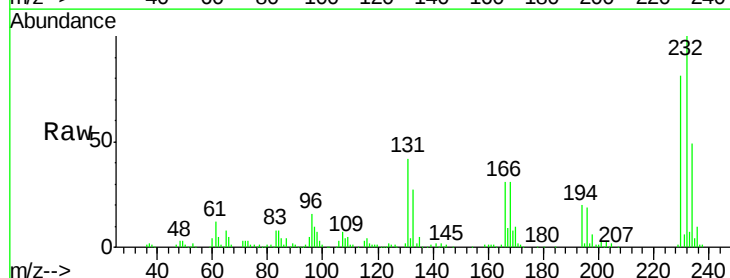
Ion Ratio Lower Upper

232 100

131 45.1 43.6 65.4

130 2.0 2.0 3.0

166 30.2 27.4 41.2

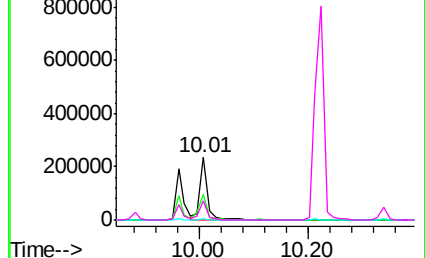
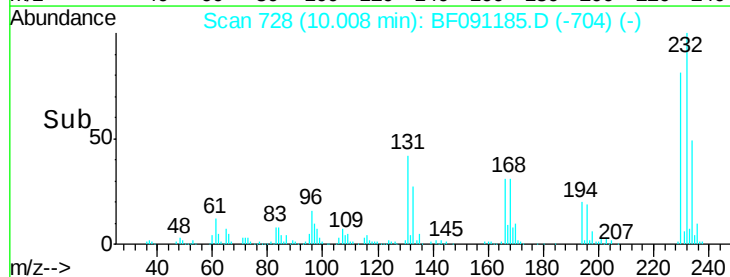


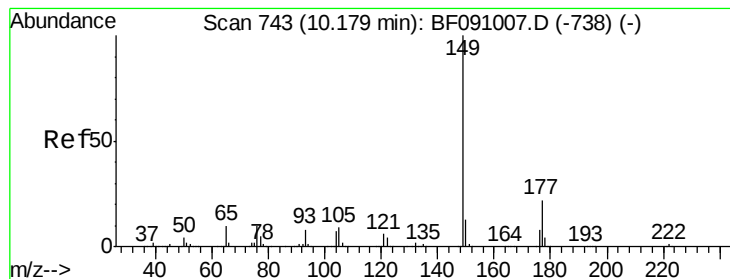
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.42 ng

RT: 10.11 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

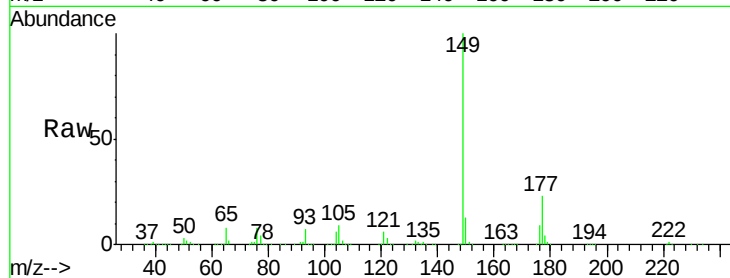
Tot Ion:149 Resp: 995791

Ion Ratio Lower Upper

149 100

177 23.0 17.3 25.9

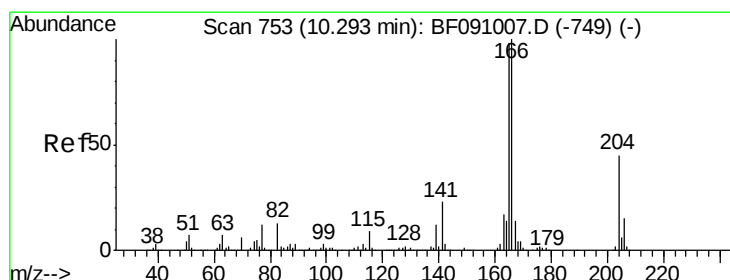
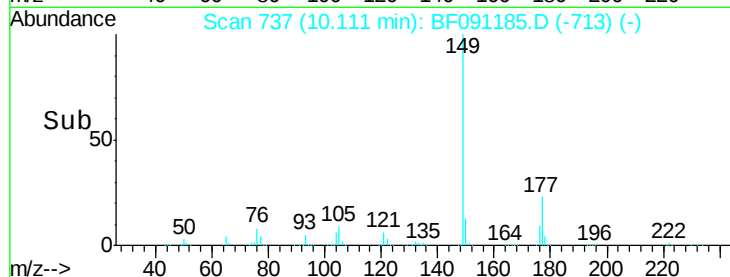
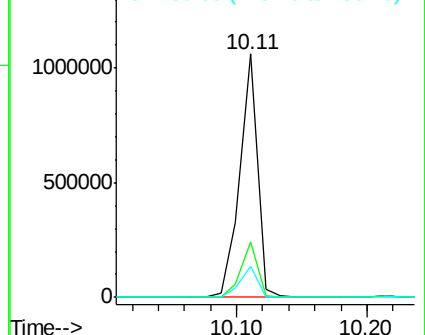
150 12.7 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.13 ng

RT: 10.21 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

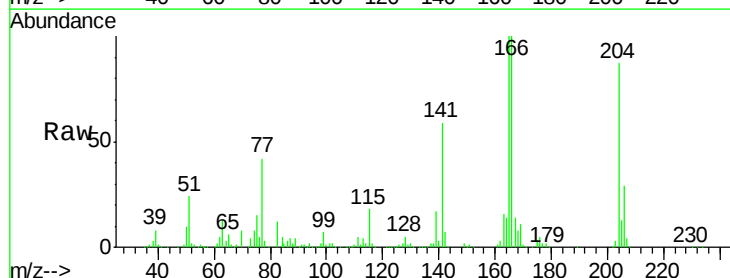
Tgt Ion:204 Resp: 390071

Ion Ratio Lower Upper

204 100

206 33.1 27.1 40.7

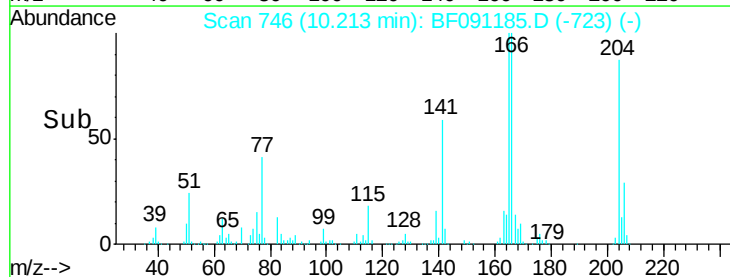
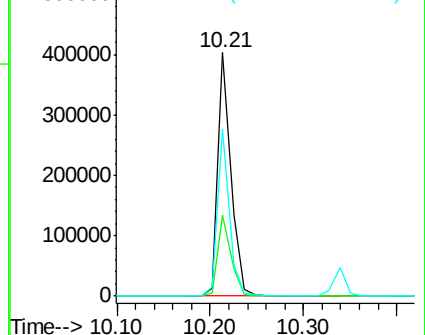
141 68.3 40.1 60.1#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.90 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

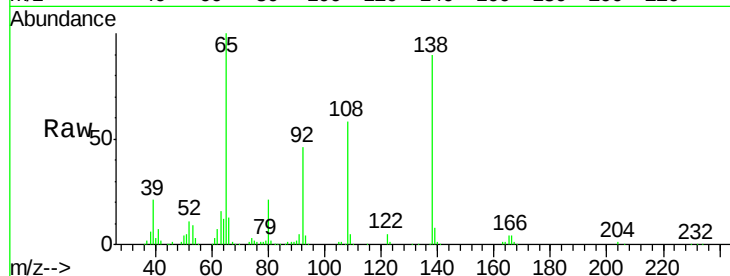
Tot Ion:138 Resp: 240752

Ion Ratio Lower Upper

138 100

92 51.2 32.5 72.5

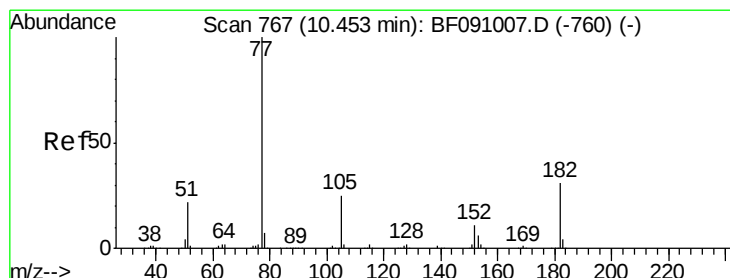
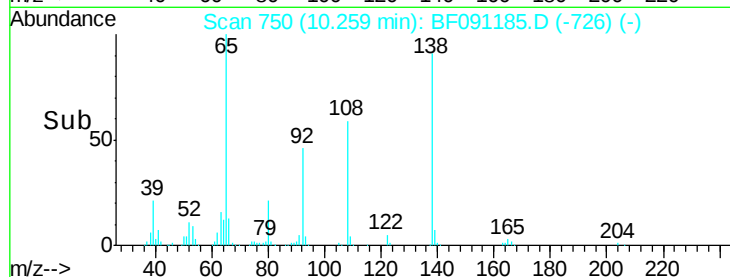
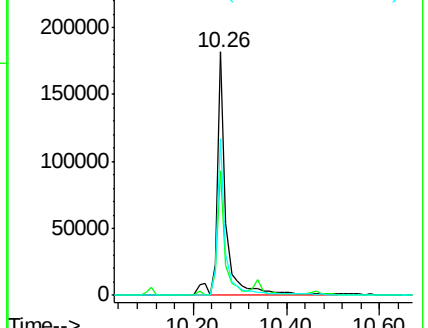
108 64.5 49.4 89.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 30.13 ng m

RT: 10.37 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Tgt Ion: 77 Resp: 832600

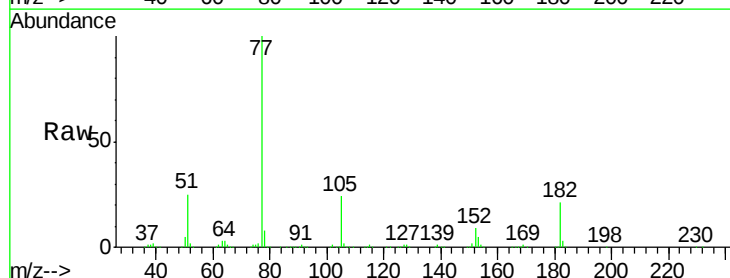
Ion Ratio Lower Upper

77 100

182 21.2 11.0 51.0

105 24.4 5.6 45.6

51 24.8 2.7 42.7

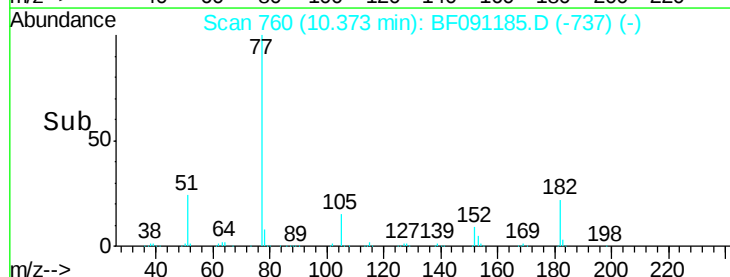
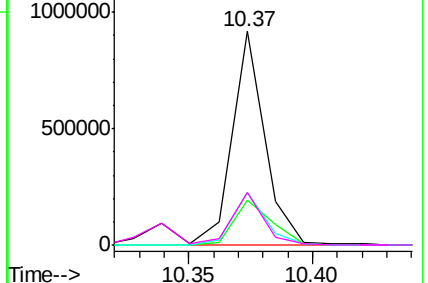


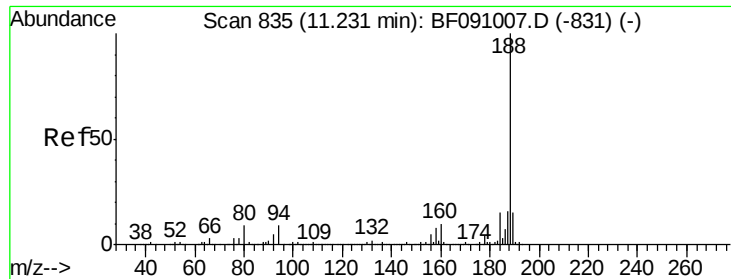
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

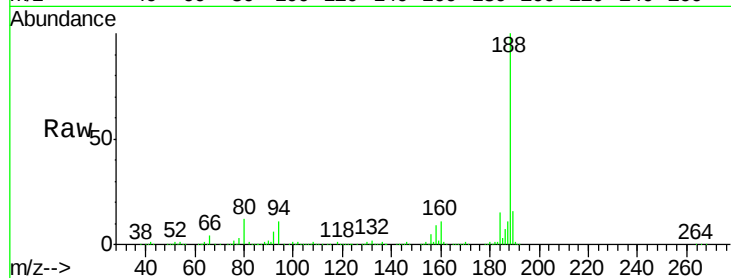




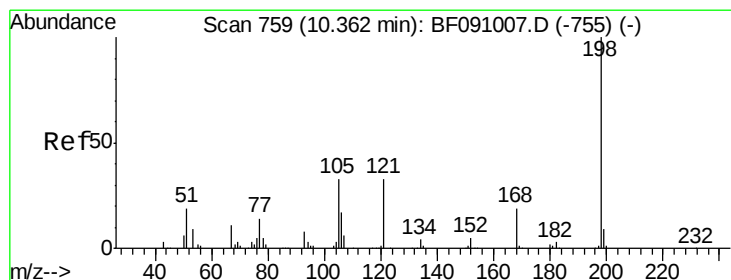
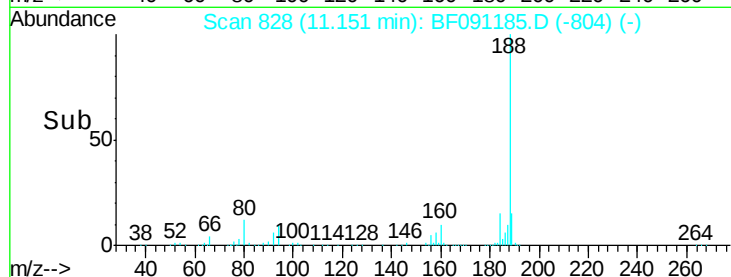
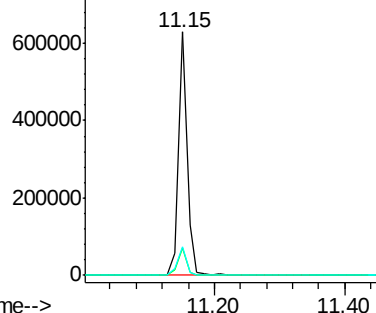
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:188 Resp: 579222
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.4#
80 11.8 7.5 11.3#

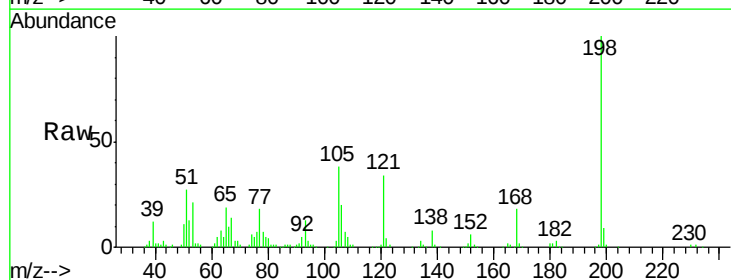


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

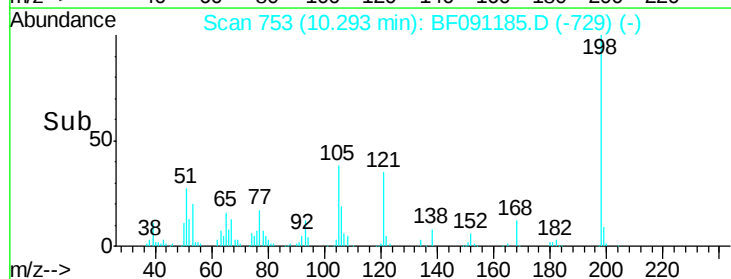
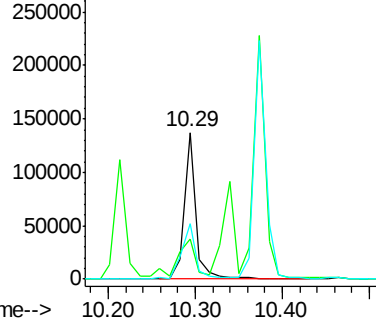


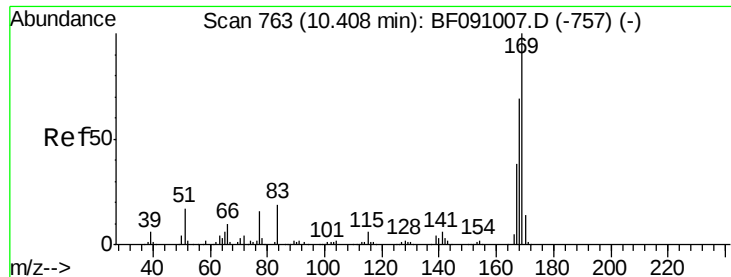
#64
4,6-Dinitro-2-methylphenol
Concen: 37.03 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Tgt Ion:198 Resp: 131334
Ion Ratio Lower Upper
198 100
51 27.2 5.9 45.9
105 37.5 13.8 53.8



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





#65

n-Nitrosodiphenylamine

Concen: 40.97 ng

RT: 10.34 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

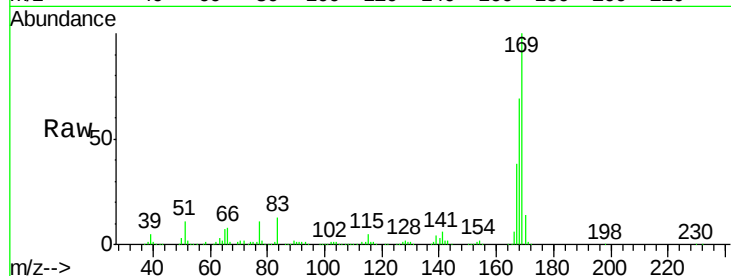
Tot Ion:169 Resp: 754338

Ion Ratio Lower Upper

169 100

168 68.6 55.3 82.9

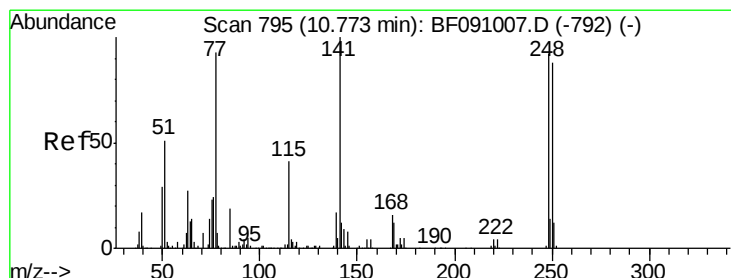
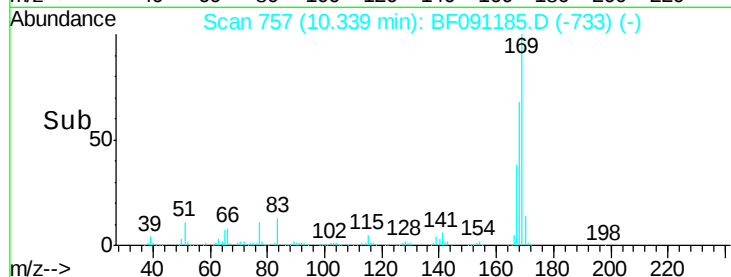
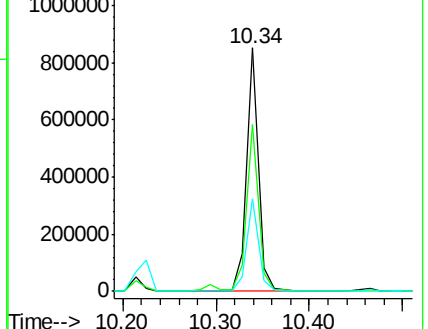
167 38.0 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.33 ng

RT: 10.70 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

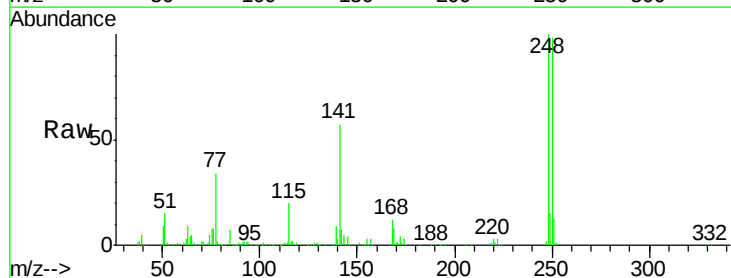
Tgt Ion:248 Resp: 291168

Ion Ratio Lower Upper

248 100

250 98.1 76.3 114.5

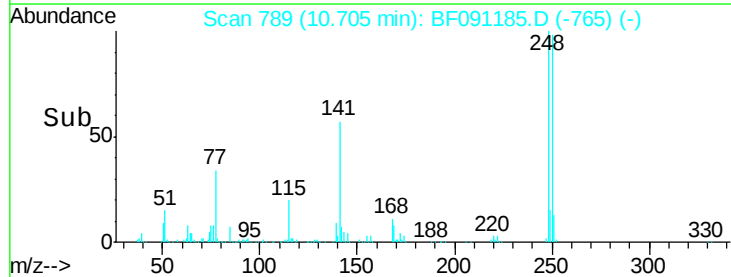
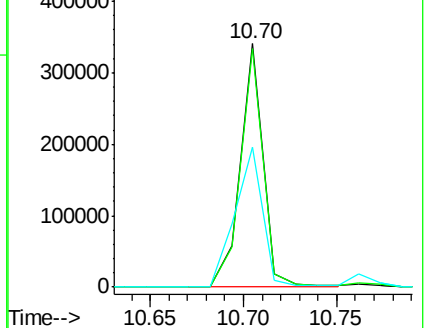
141 57.2 86.8 130.2#

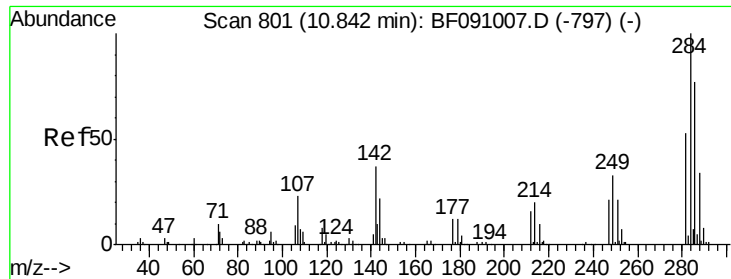


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

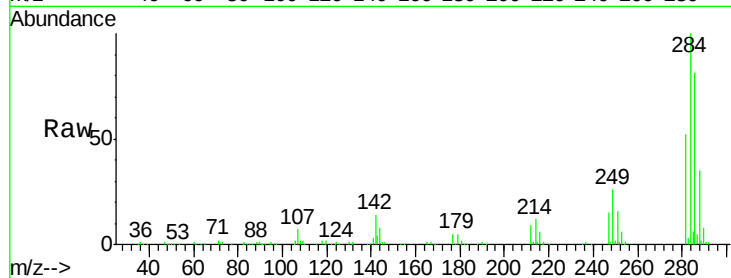




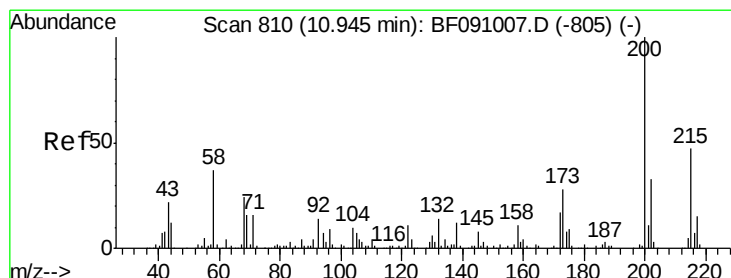
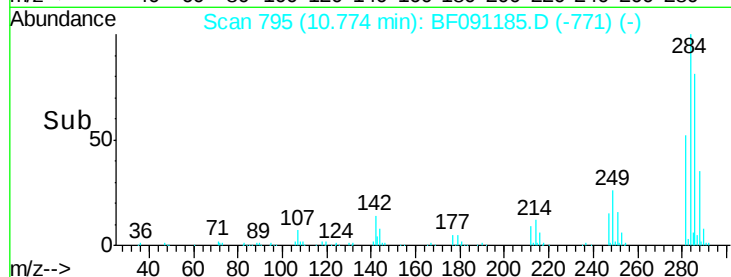
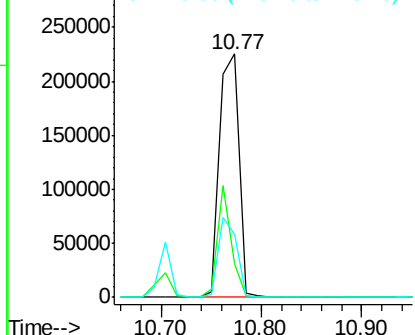
#67
Hexachlorobenzene
Concen: 45.97 ng
RT: 10.77 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
284	100		
142	13.8	29.9	44.9#
249	25.7	26.6	39.8#

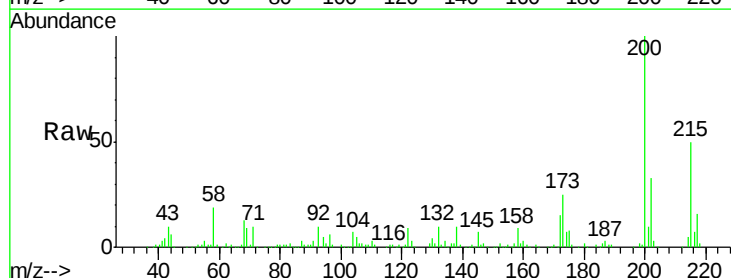


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

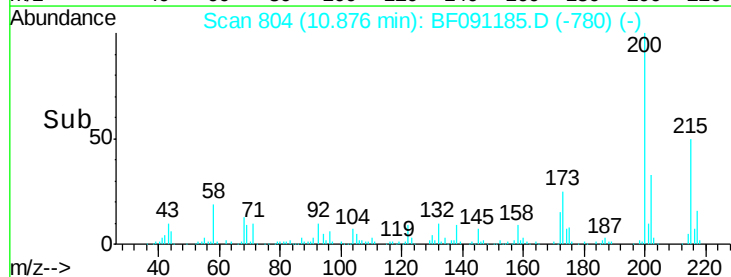
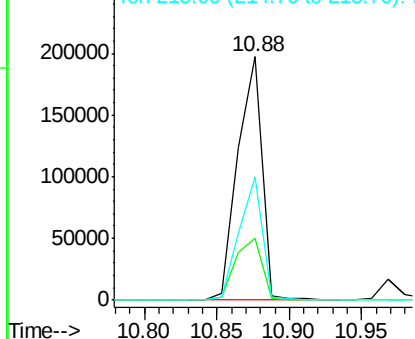


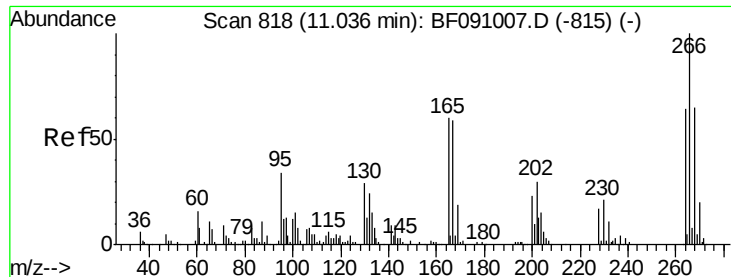
#68
Atrazine
Concen: 43.23 ng
RT: 10.88 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.4	8.1	48.1
215	50.4	27.3	67.3



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

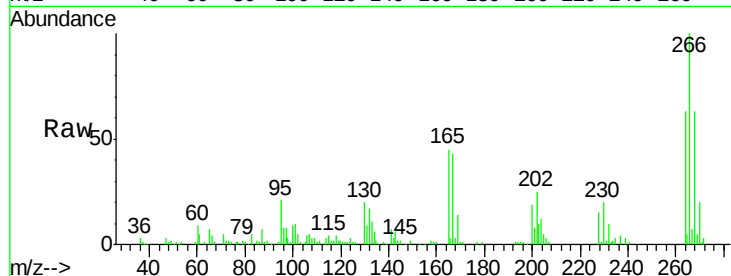




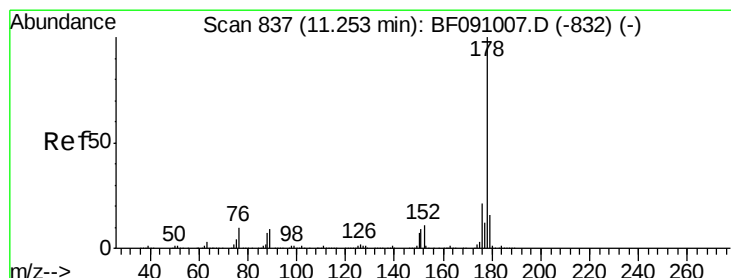
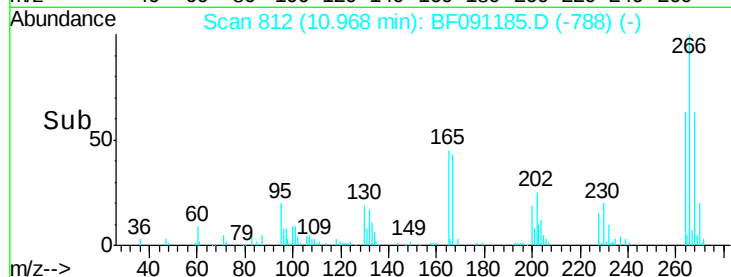
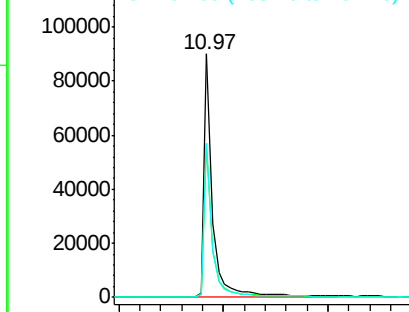
#69
 Pentachlorophenol
 Concen: 36.11 ng
 RT: 10.97 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 106278
 Ion Ratio Lower Upper
 266 100
 268 62.8 52.1 78.1
 264 63.3 51.1 76.7

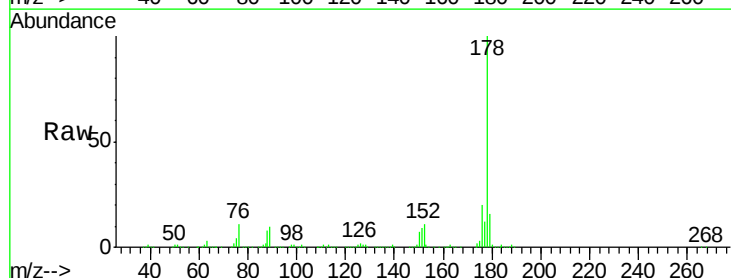


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

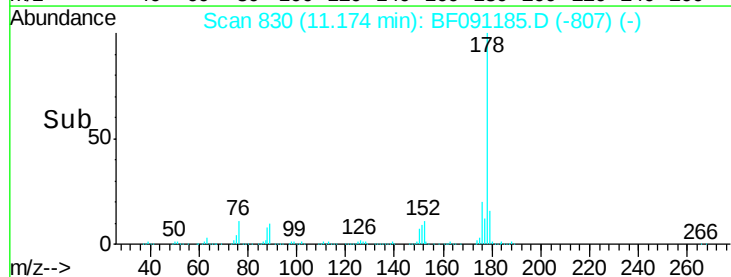
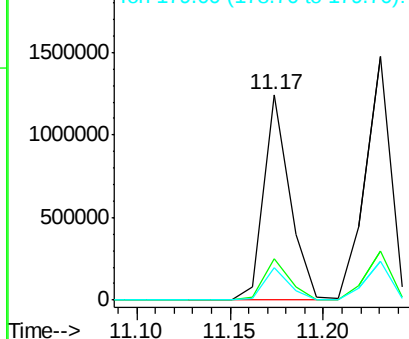


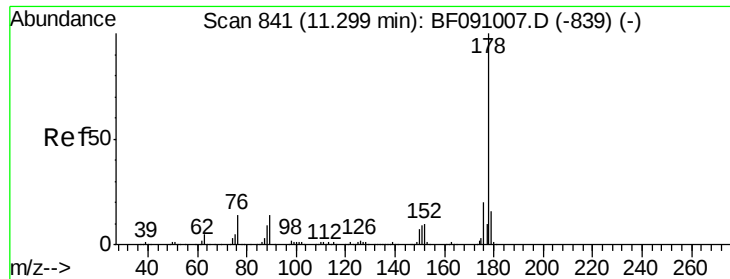
#70
 Phenanthrene
 Concen: 38.98 ng
 RT: 11.17 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Tgt Ion:178 Resp: 1200389
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.6 25.0
 179 16.1 12.9 19.3



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

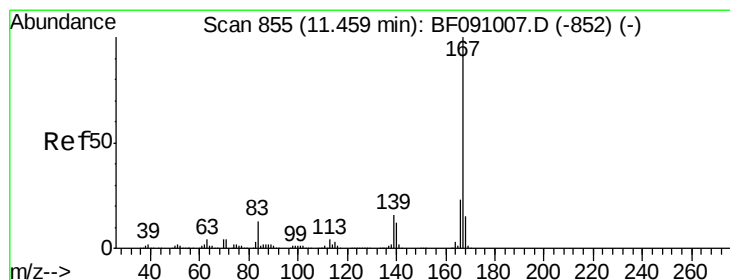
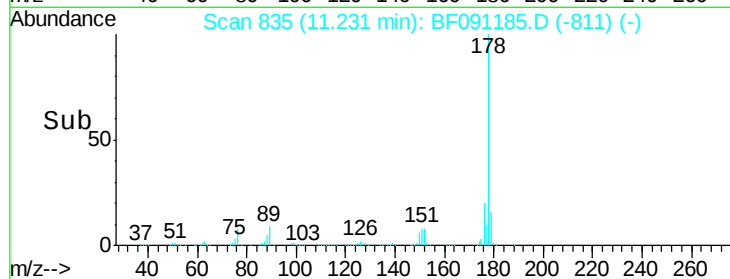
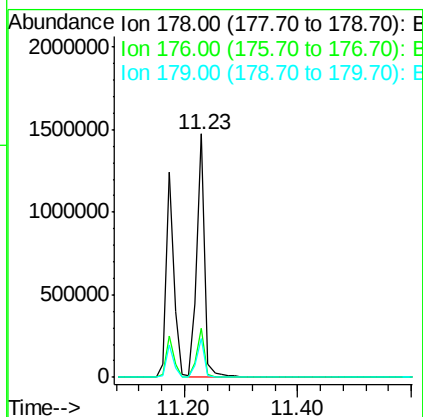
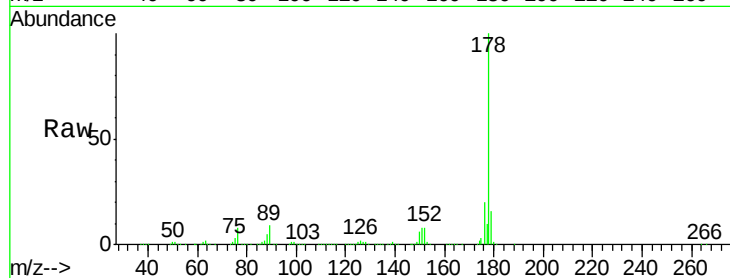




#71
 Anthracene
 Concen: 43.50 ng
 RT: 11.23 min Scan# 835
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

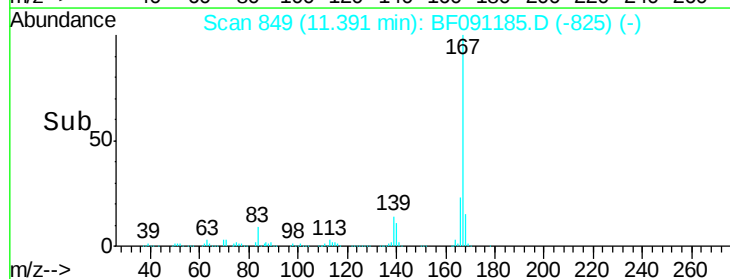
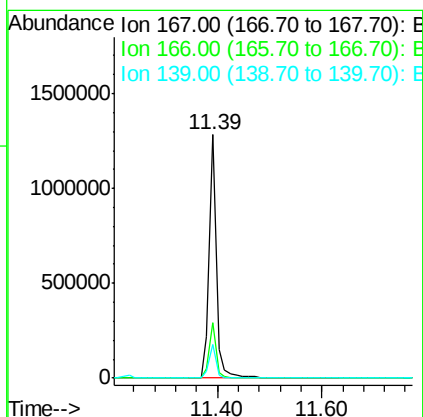
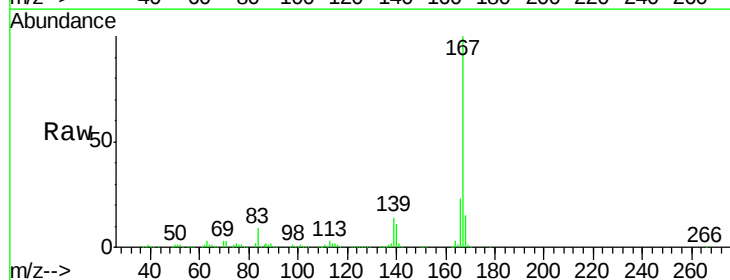
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

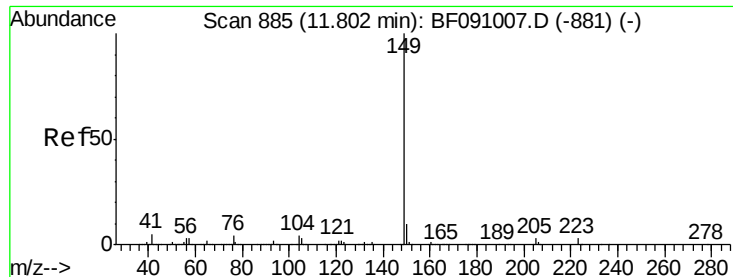
Tot Ion:178 Resp: 1423976
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.0 13.0 19.6



#72
 Carbazole
 Concen: 41.66 ng
 RT: 11.39 min Scan# 849
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Tgt Ion:167 Resp: 1229125
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 14.1 12.6 18.8





#73

Di-n-butylphthalate

Concen: 37.80 ng

RT: 11.72 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

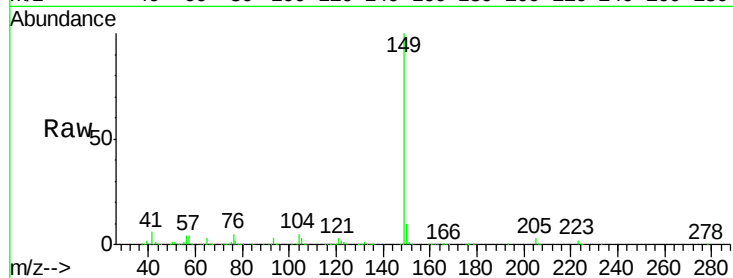
Tot Ion:149 Resp: 1402629

Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

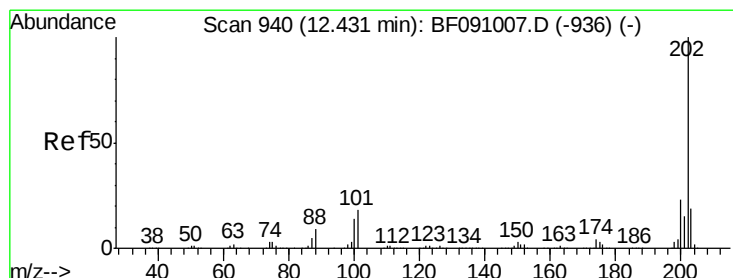
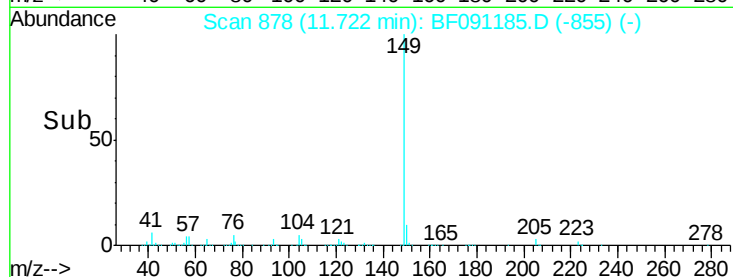
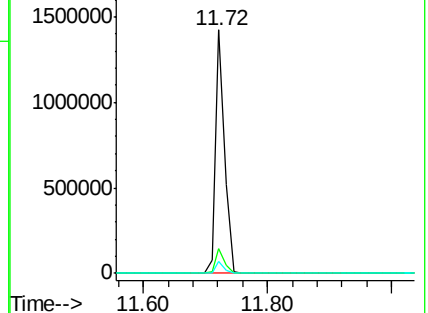
104 5.1 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.97 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

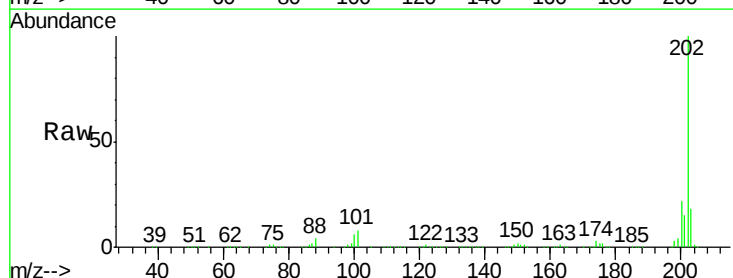
Tgt Ion:202 Resp: 1436134

Ion Ratio Lower Upper

202 100

101 8.4 0.0 37.6

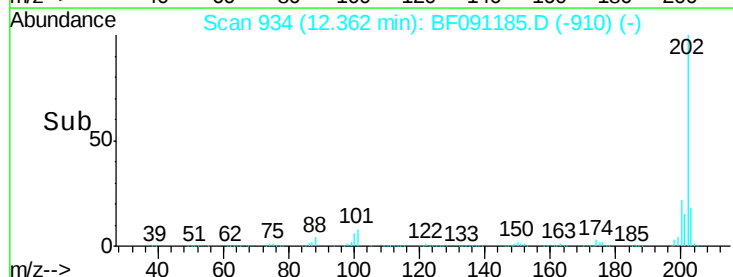
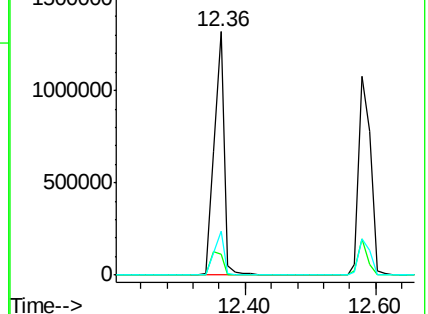
203 18.1 0.0 38.6

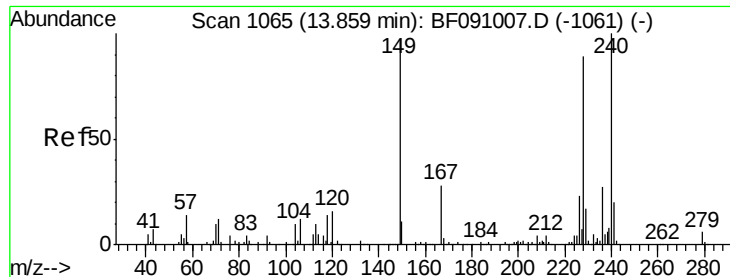


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.78 min Scan# 1058

Delta R.T. -0.03 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

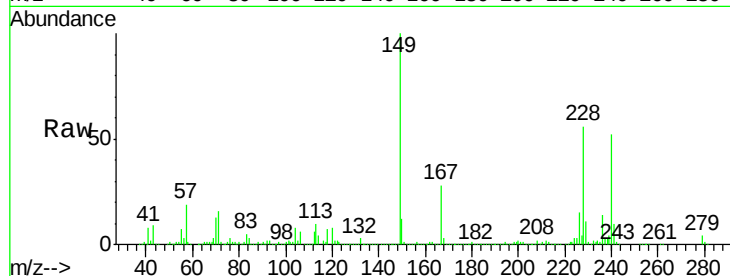
Tot Ion:240 Resp: 497637

Ion Ratio Lower Upper

240 100

120 14.9 12.9 19.3

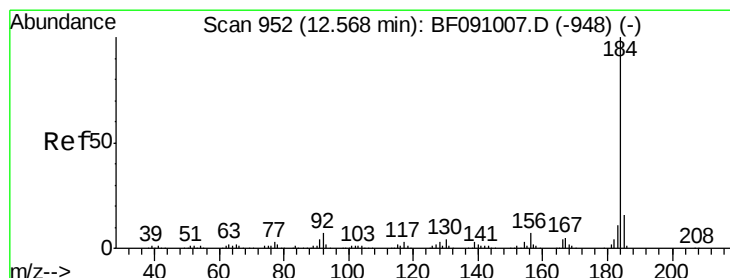
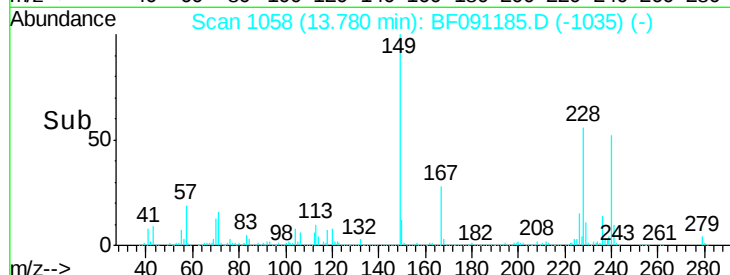
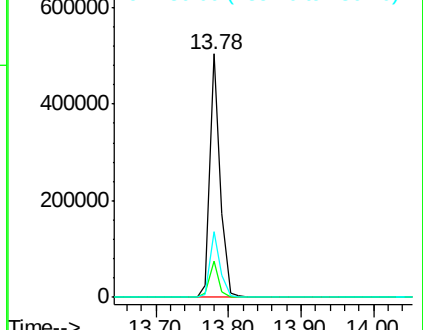
236 27.2 21.9 32.9



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: 43.26 ng

RT: 12.49 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

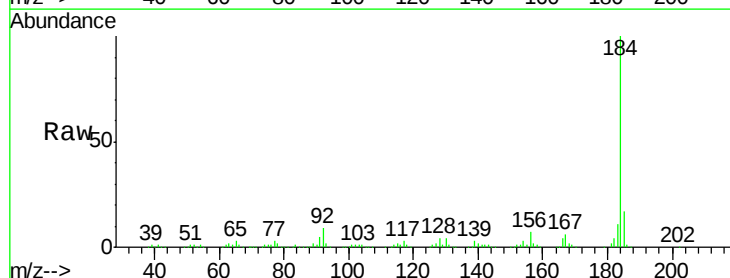
Tgt Ion:184 Resp: 480991

Ion Ratio Lower Upper

184 100

185 16.7 13.0 19.4

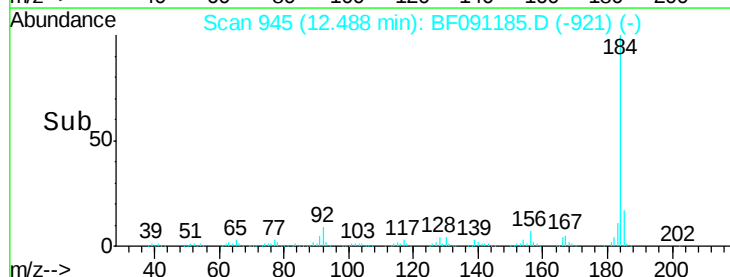
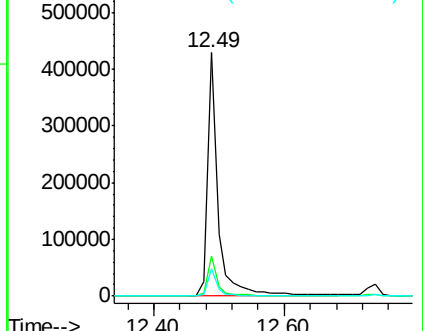
183 11.3 8.7 13.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

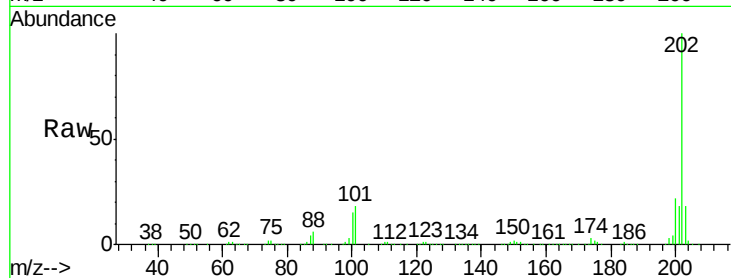




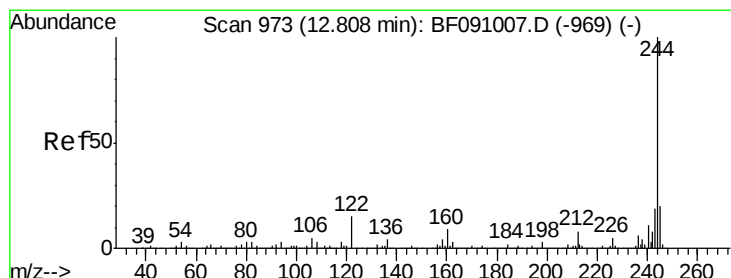
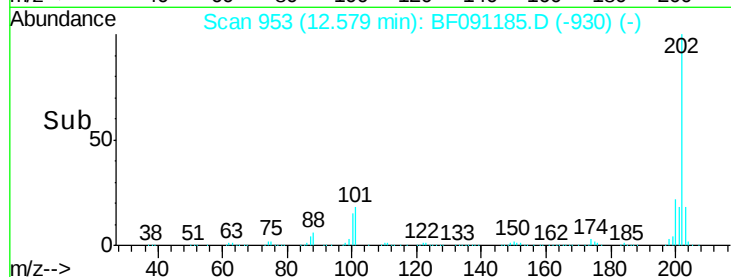
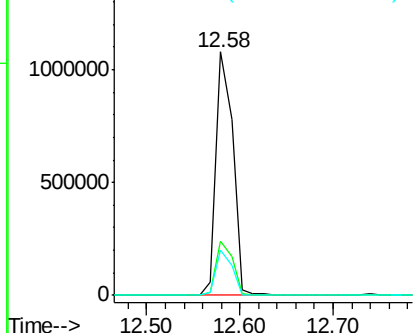
#77
Pvrene
Concen: 41.16 ng
RT: 12.58 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:202 Resp: 1341331
Ion Ratio Lower Upper
202 100
200 22.3 18.4 27.6
203 18.4 15.0 22.6

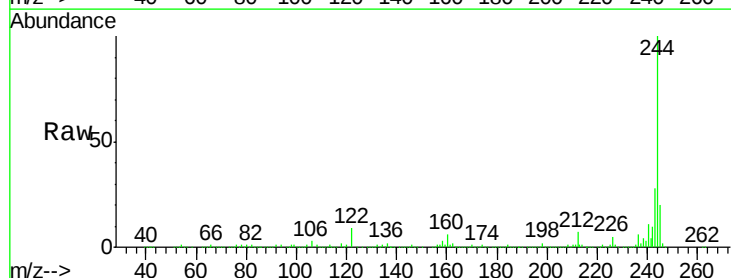


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

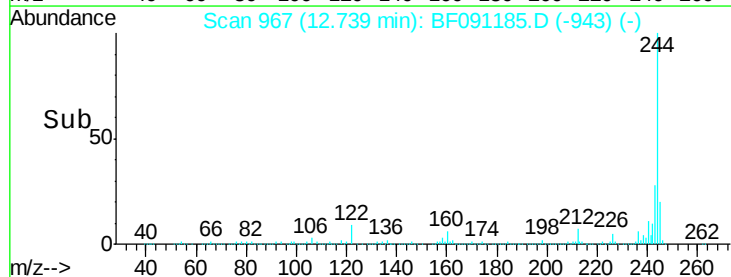
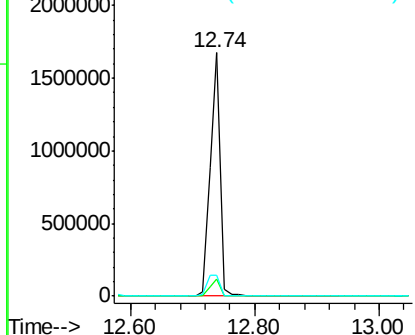


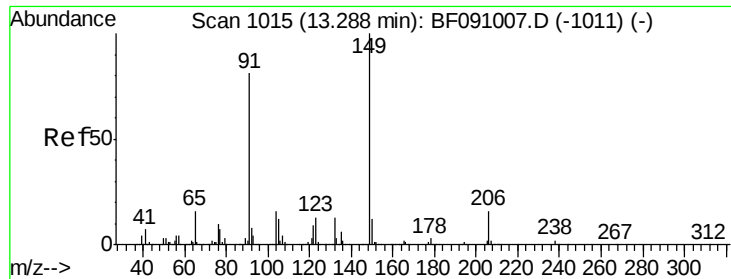
#78
Terphenyl-d14
Concen: 92.08 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Tgt Ion:244 Resp: 1836256
Ion Ratio Lower Upper
244 100
212 6.9 6.4 9.6
122 8.5 12.3 18.5#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

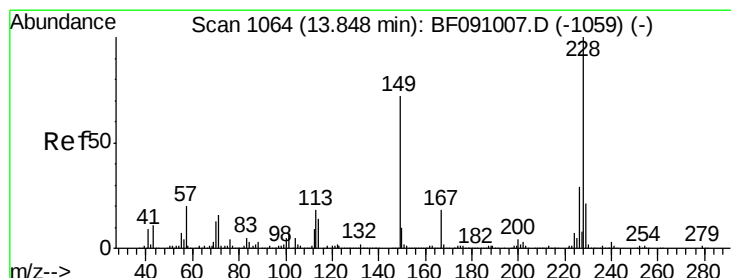
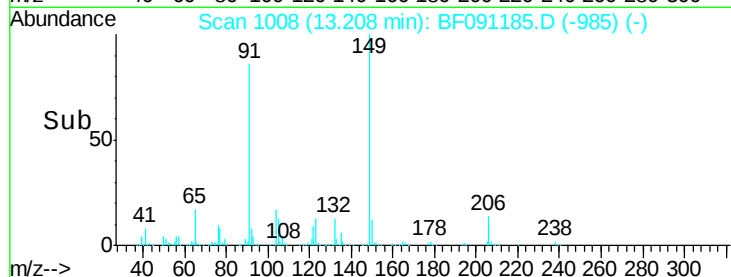
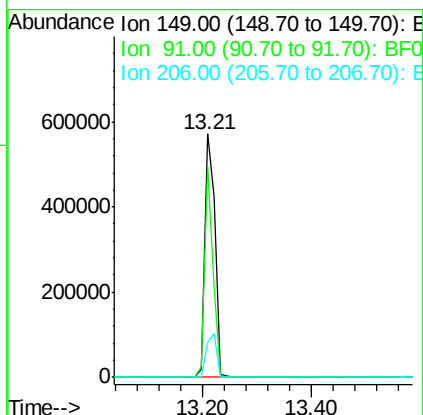
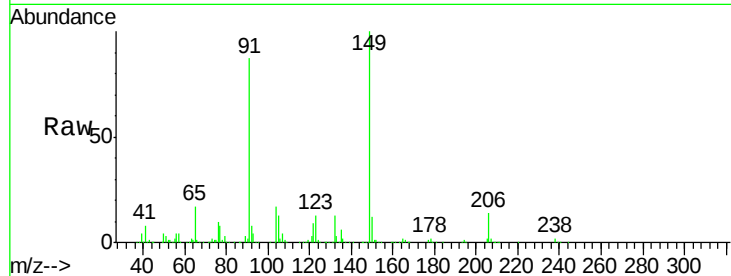




#79
Butylbenzylphthalate
Concen: 45.57 ng
RT: 13.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

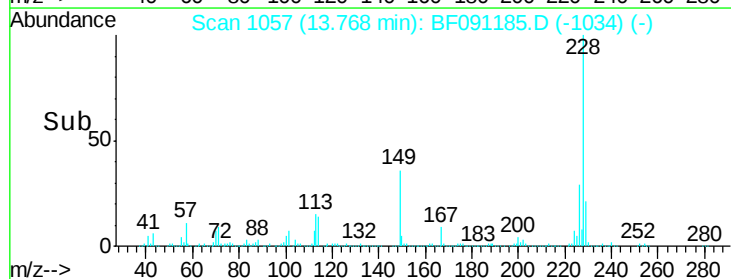
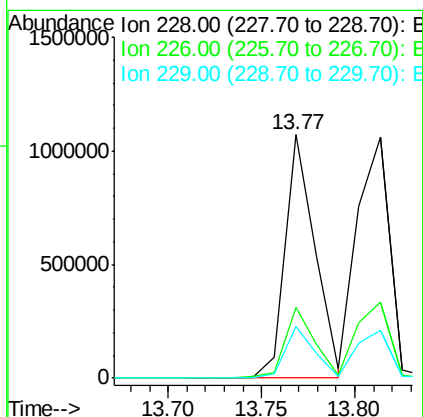
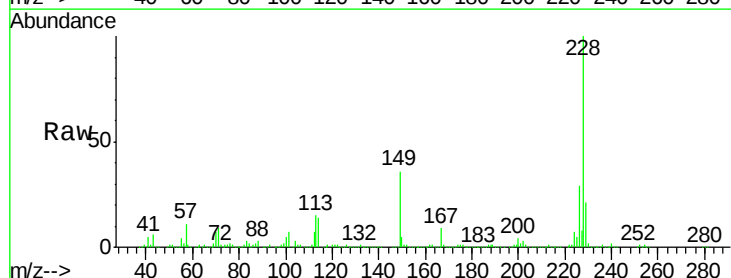
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 710394
Ion Ratio Lower Upper
149 100
91 86.5 65.0 97.4
206 14.5 12.5 18.7



#80
Benzo(a)anthracene
Concen: 42.35 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.03 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Tgt Ion:228 Resp: 1196638
Ion Ratio Lower Upper
228 100
226 29.1 23.0 34.6
229 21.0 16.6 24.8

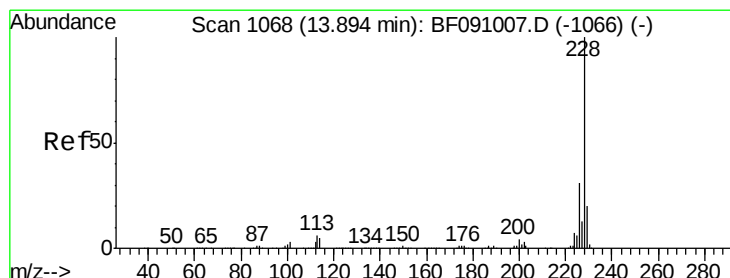
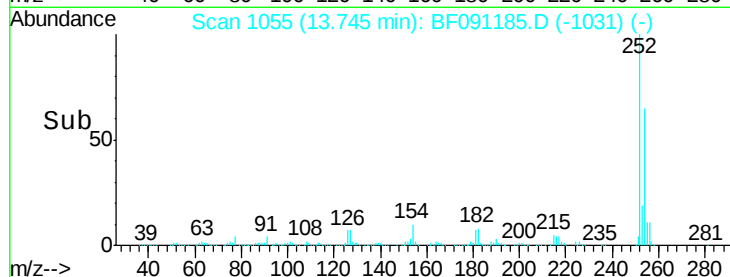
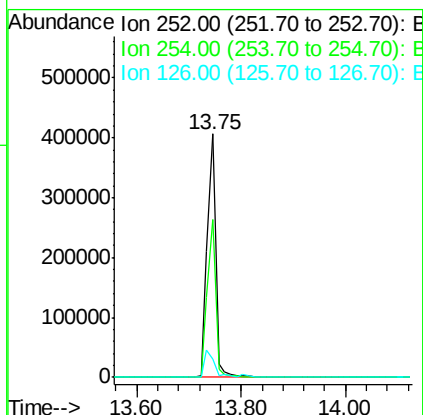
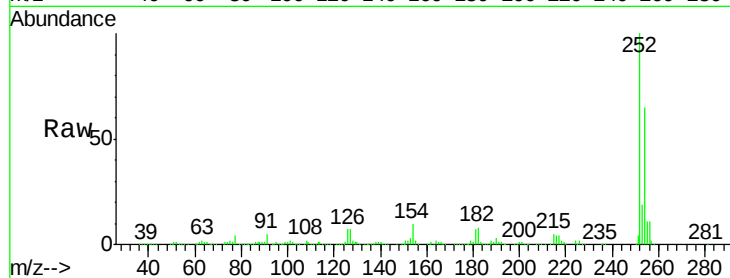




#81
 3,3'-Dichlorobenzidine
 Concen: 46.77 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

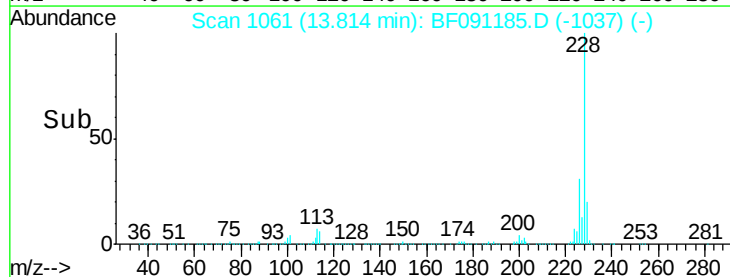
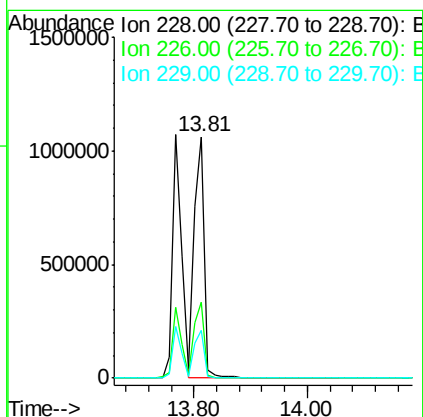
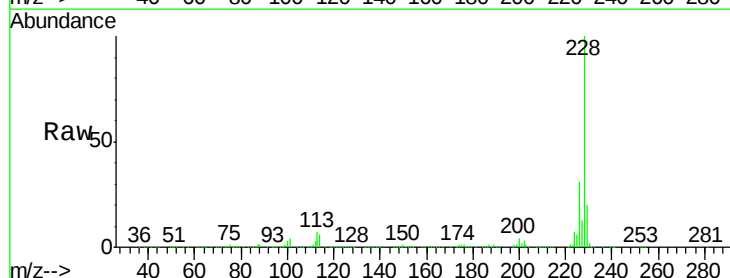
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:252 Resp: 464271
 Ion Ratio Lower Upper
 252 100
 254 64.7 52.0 78.0
 126 7.5 5.4 8.2



#82
 Chrysene
 Concen: 46.79 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091185.D
 Acq: 15 Nov 2016 18:10

Tgt Ion:228 Resp: 1303610
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 19.7 15.9 23.9

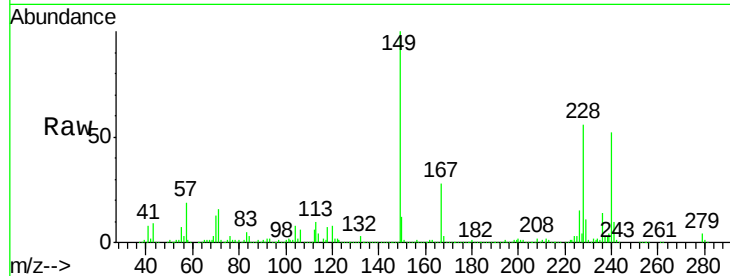




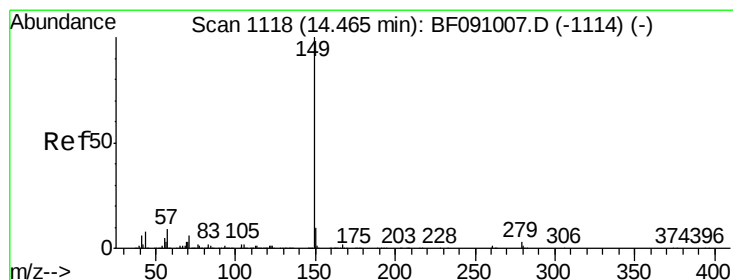
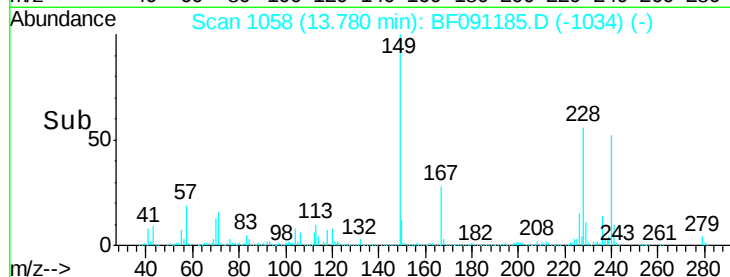
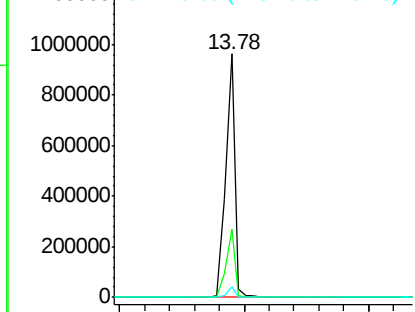
#83
Bis(2-ethylhexyl)phthalate
Concen: 45.72 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 964553
Ion Ratio Lower Upper
149 100
167 28.3 20.4 30.6
279 4.2 1.6 2.4#

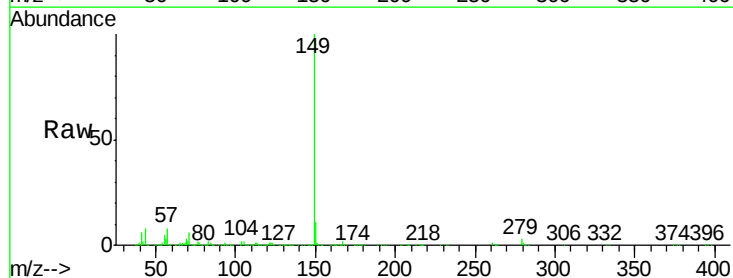


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

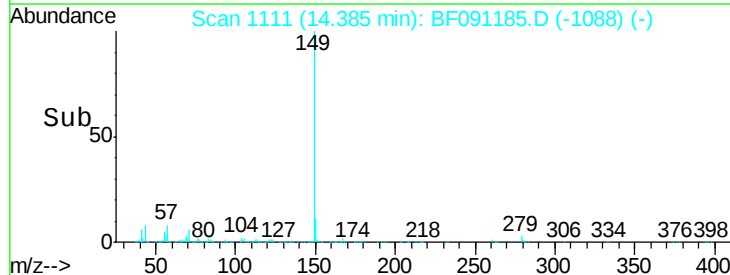
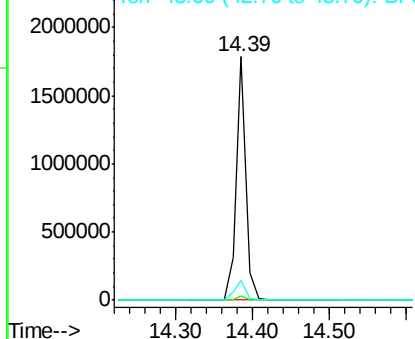


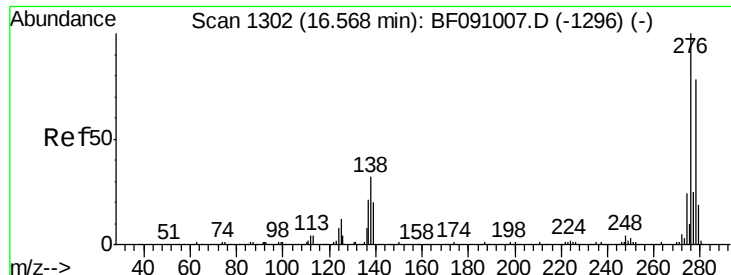
#84
Di-n-octyl phthalate
Concen: 46.08 ng
RT: 14.39 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Tgt Ion:149 Resp: 1598242
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.3 8.2 12.4



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

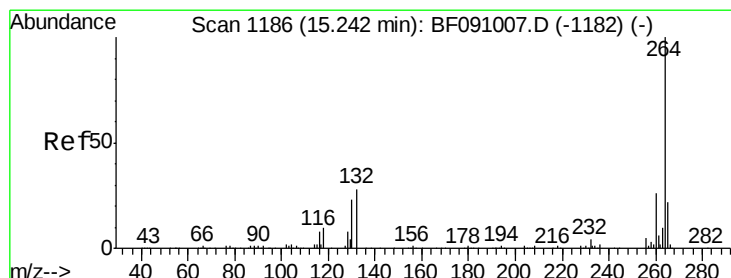
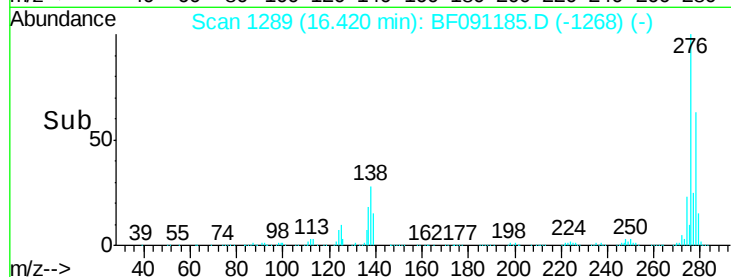
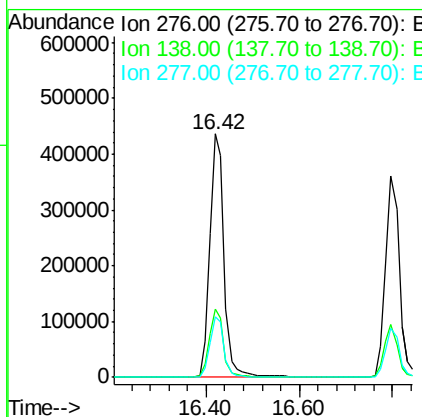
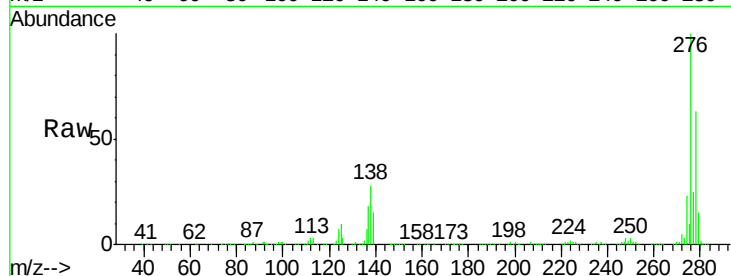




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.80 ng
RT: 16.42 min Scan# 1289
Delta R.T. -0.06 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

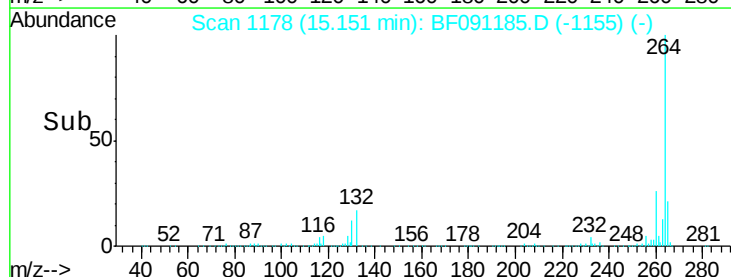
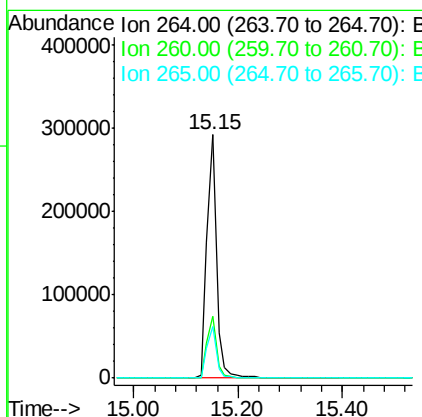
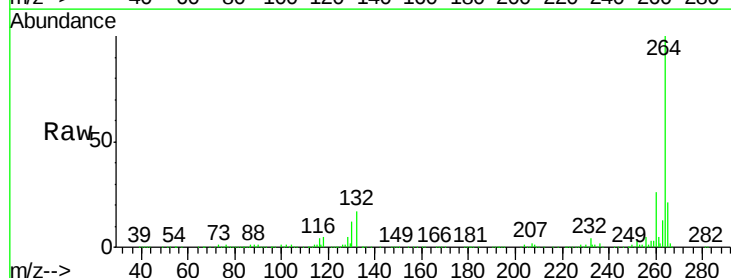
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

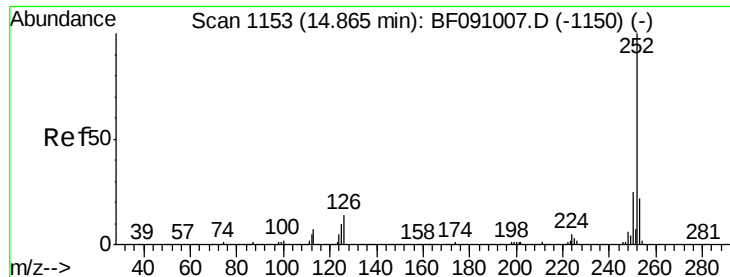
Tot Ion:276 Resp: 943094
Ion Ratio Lower Upper
276 100
138 28.2 26.0 39.0
277 25.0 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.03 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Tgt Ion:264 Resp: 375439
Ion Ratio Lower Upper
264 100
260 25.6 20.6 30.8
265 21.3 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 39.23 ng m

RT: 14.77 min Scan# 1145

Delta R.T. -0.03 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

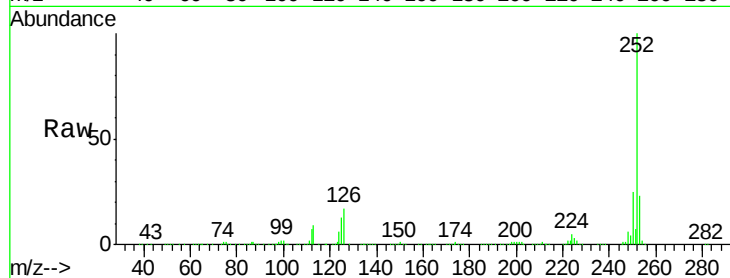
Tot Ion:252 Resp: 998968

Ion Ratio Lower Upper

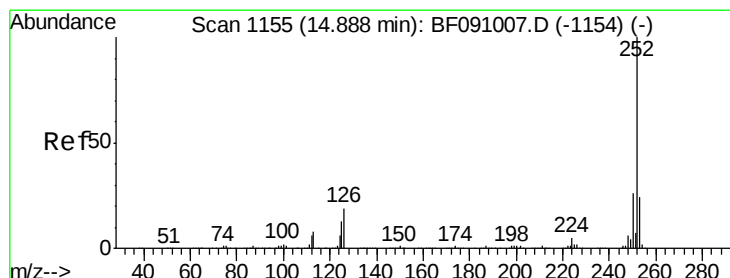
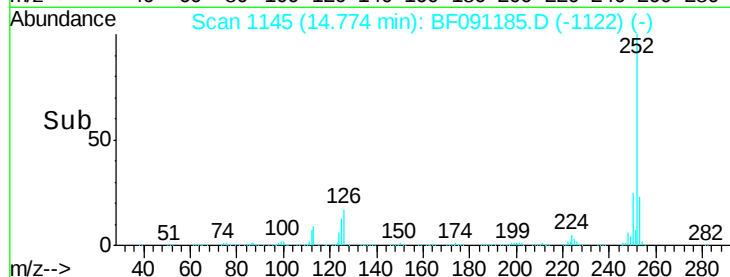
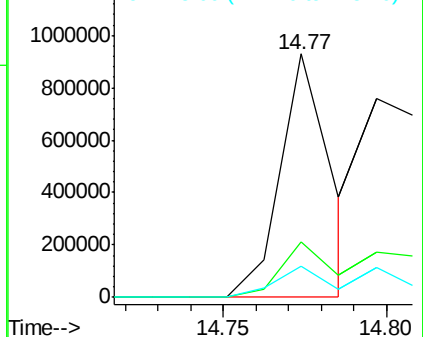
252 100

253 23.0 18.0 27.0

125 12.9 8.3 12.5#



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



#88

Benzo(k)fluoranthene

Concen: 48.17 ng m

RT: 14.80 min Scan# 1147

Delta R.T. -0.03 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

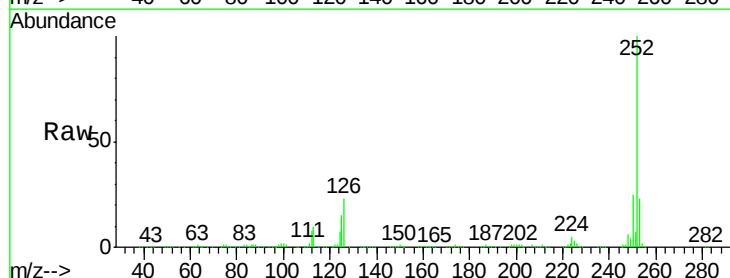
Tgt Ion:252 Resp: 1075941

Ion Ratio Lower Upper

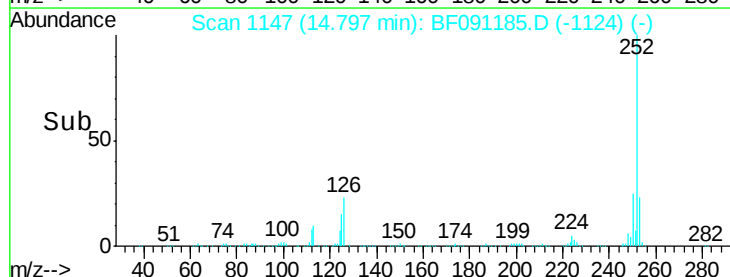
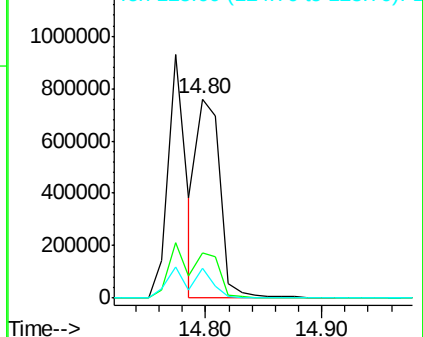
252 100

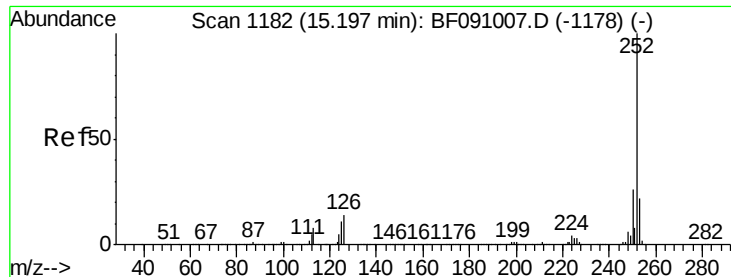
253 22.9 18.6 28.0

125 15.2 11.2 16.8



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

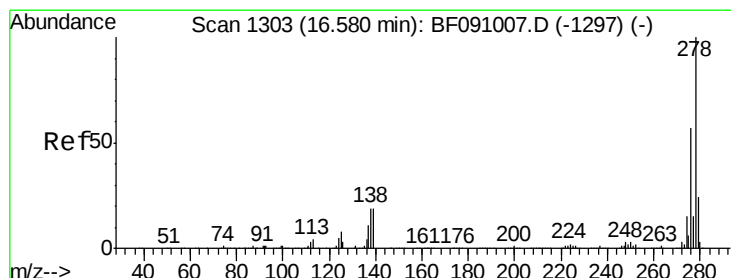
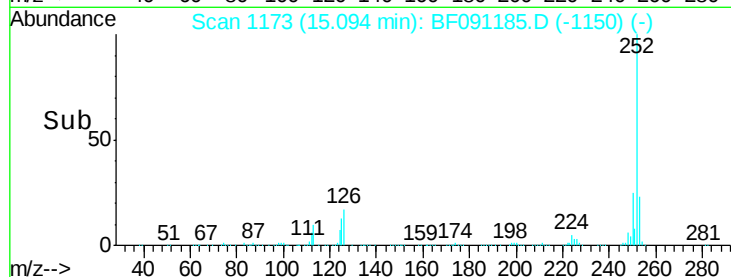
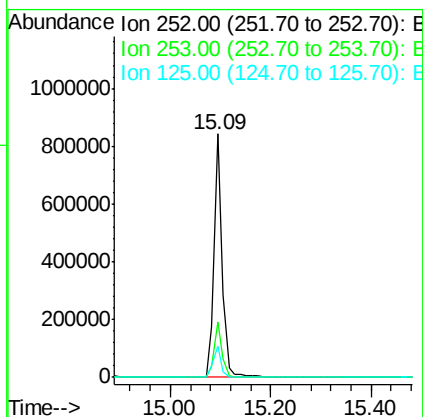
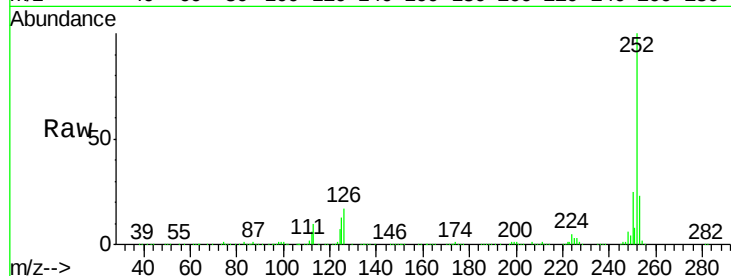




#89
Benzo(a)pyrene
Concen: 42.52 ng
RT: 15.09 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

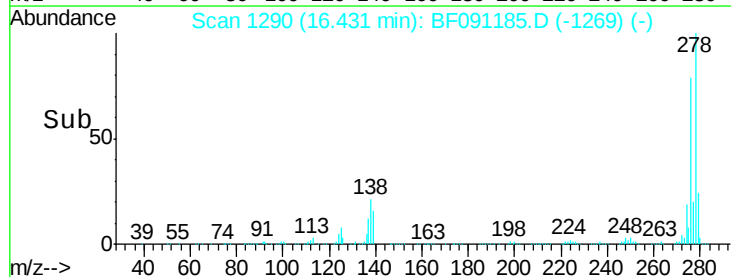
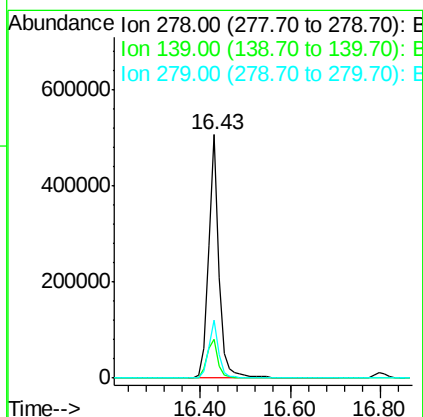
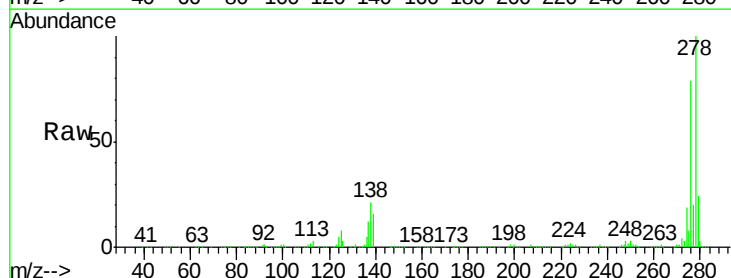
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

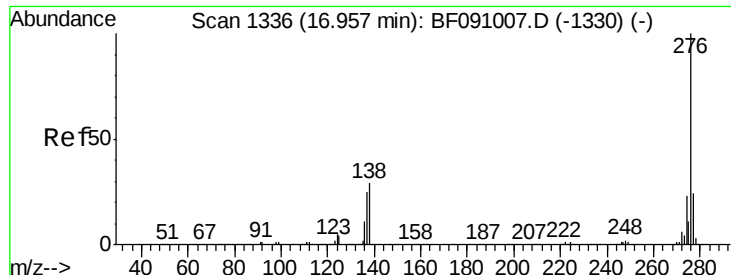
Tot Ion:252 Resp: 942522
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 13.0 8.6 13.0#



#90
Dibenzo(a,h)anthracene
Concen: 42.45 ng
RT: 16.43 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF091185.D
Acq: 15 Nov 2016 18:10

Tgt Ion:278 Resp: 813467
Ion Ratio Lower Upper
278 100
139 16.1 15.3 22.9
279 24.1 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 43.38 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.06 min

Lab File: BF091185.D

Acq: 15 Nov 2016 18:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

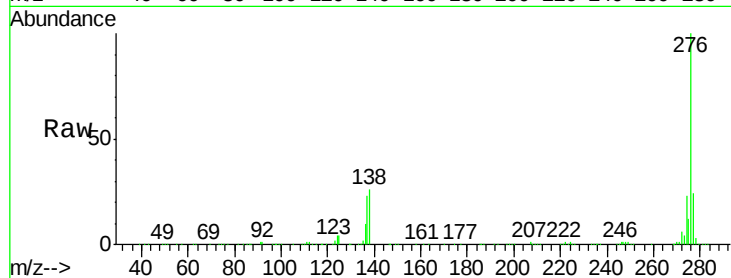
Tot Ion:276 Resp: 751822

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 26.1 23.3 34.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

