

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120616\
 Data File : BF091450.D
 Acq On : 6 Dec 2016 11:04
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 07 10:19:48 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	116229	20.00	ng	-0.04
21) Naphthalene-d8	8.13	136	467638	20.00	ng	-0.04
38) Acenaphthene-d10	9.88	164	256832	20.00	ng	-0.04
63) Phenanthrene-d10	11.36	188	480762	20.00	ng	-0.04
75) Chrysene-d12	13.99	240	384885	20.00	ng	-0.05
86) Perylene-d12	15.41	264	277766	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	585855	82.34	ng	-0.03
7) Phenol-d6	6.47	99	733472	83.75	ng	-0.03
23) Nitrobenzene-d5	7.41	82	673889	80.76	ng	-0.04
41) 2,4,6-Tribromophenol	10.66	330	222744	91.61	ng	-0.04
44) 2-Fluorobiphenyl	9.20	172	1175176	82.85	ng	-0.04
78) Terphenyl-d14	12.94	244	1389602	78.47	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	126239	39.22	ng	# 83
3) Pyridine	3.14	79	352924	38.75	ng	# 79
4) n-Nitrosodimethylamine	3.09	42	201469	42.16	ng	97
6) Aniline	6.50	93	469299	40.34	ng	# 70
8) 2-Chlorophenol	6.63	128	323789	41.51	ng	98
9) Benzaldehyde	6.39	77	208595m	37.04	ng	
10) Phenol	6.49	94	429400	41.67	ng	87
11) bis(2-Chloroethyl)ether	6.58	93	293121	39.81	ng	90
12) 1,3-Dichlorobenzene	6.78	146	341337m	39.34	ng	
13) 1,4-Dichlorobenzene	6.86	146	372879	43.20	ng	98
14) 1,2-Dichlorobenzene	7.02	146	315540m	39.25	ng	
15) Benzyl Alcohol	6.98	79	291710	41.62	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	628131	39.67	ng	71
17) 2-Methylphenol	7.10	107	234898	38.09	ng	# 75
18) Hexachloroethane	7.36	117	125541	40.96	ng	# 84
19) n-Nitroso-di-n-propylamine	7.26	70	211946	38.41	ng	# 98
20) 3+4-Methylphenols	7.26	107	330538	43.91	ng	# 51
22) Acetophenone	7.26	105	478532	43.17	ng	# 90
24) Nitrobenzene	7.43	77	364286	42.64	ng	# 77
25) Isophorone	7.67	82	597312	40.40	ng	98
26) 2-Nitrophenol	7.74	139	152264	39.11	ng	96
27) 2,4-Dimethylphenol	7.78	122	296735	40.74	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	315505	35.46	ng	100
29) 2,4-Dichlorophenol	7.99	162	253149	39.51	ng	89
30) 1,2,4-Trichlorobenzene	8.07	180	315302	43.89	ng	98
31) Naphthalene	8.15	128	936111	42.12	ng	99
32) Benzoic acid	7.91	122	230119	42.86	ng	94
33) 4-Chloroaniline	8.20	127	363855	38.30	ng	95
34) Hexachlorobutadiene	8.28	225	187413	42.43	ng	99
35) Caprolactam	8.57	113	72329	39.28	ng	90
36) 4-Chloro-3-methylphenol	8.68	107	272397	39.38	ng	99
37) 2-Methylnaphthalene	8.84	142	581469	38.51	ng	92
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	320017	44.20	ng	# 97
40) Hexachlorocyclopentadiene	9.00	237	159326	47.47	ng	99

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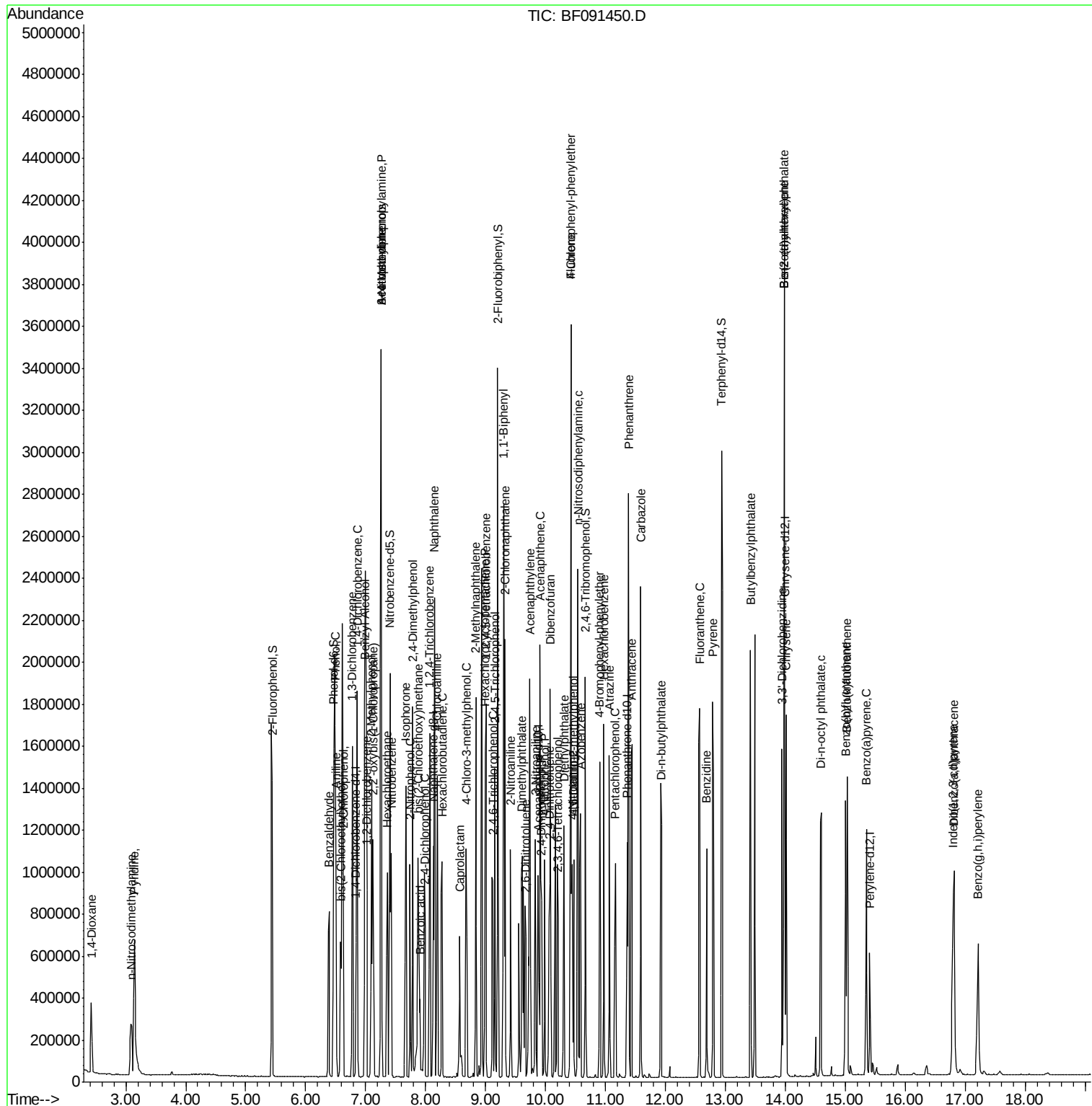
Instrument :
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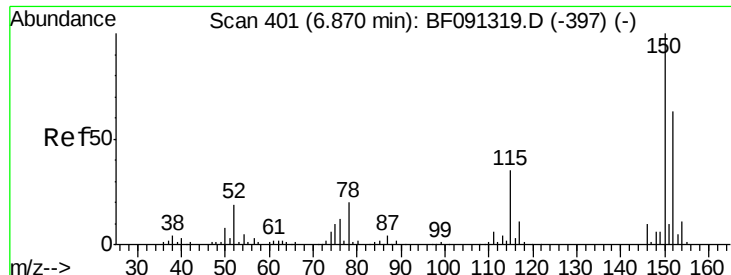
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	205817	43.74	nq	96
43) 2,4,5-Trichlorophenol	9.16	196	214915	45.57	nq	95
45) 1,1'-Biphenyl	9.30	154	789238	42.74	nq	96
46) 2-Chloronaphthalene	9.33	162	577938	42.02	nq	98
47) 2-Nitroaniline	9.42	65	197379	39.96	nq	# 76
48) Acenaphthylene	9.74	152	861222	39.78	nq	99
49) Dimethylphthalate	9.61	163	675297	43.42	nq	99
50) 2,6-Dinitrotoluene	9.67	165	161537	46.47	nq	# 59
51) Acenaphthene	9.91	154	593232	40.62	nq	98
52) 3-Nitroaniline	9.83	138	149917	37.26	nq	88
53) 2,4-Dinitrophenol	9.93	184	87998	57.89	nq	90
54) Dibenzofuran	10.08	168	774097	39.59	nq	98
55) 4-Nitrophenol	9.99	139	127397	43.84	nq	97
56) 2,4-Dinitrotoluene	10.07	165	226503	50.24	nq	93
57) Fluorene	10.42	166	629361	41.93	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	180826	44.91	nq	95
59) Diethylphthalate	10.31	149	690419	44.98	nq	# 94
60) 4-Chlorophenyl-phenylether	10.42	204	323844	43.01	nq	97
61) 4-Nitroaniline	10.45	138	182234m	48.24	nq	
62) Azobenzene	10.58	77	692941	44.24	nq	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	119597	45.15	nq	# 78
65) n-Nitrosodiphenylamine	10.54	169	568119	38.98	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	198040	38.32	nq	98
67) Hexachlorobenzene	10.97	284	224412	40.19	nq	# 90
68) Atrazine	11.06	200	170613	36.14	nq	97
69) Pentachlorophenol	11.17	266	151333	46.04	nq	97
70) Phenanthrene	11.38	178	1026651	41.10	nq	99
71) Anthracene	11.44	178	1021495	41.20	nq	97
72) Carbazole	11.59	167	919718	40.88	nq	98
73) Di-n-butylphthalate	11.93	149	1024758	40.19	nq	# 98
74) Fluoranthene	12.57	202	1133507	47.90	nq	94
76) Benzidine	12.69	184	377553	33.42	nq	99
77) Pyrene	12.79	202	1105079	37.83	nq	98
79) Butylbenzylphthalate	13.42	149	432557	39.55	nq	98
80) Benzo(a)anthracene	13.98	228	876909	38.96	nq	98
81) 3,3'-Dichlorobenzidine	13.95	252	296744	37.42	nq	98
82) Chrysene	14.01	228	837425	37.60	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	552365	39.84	nq	96
84) Di-n-octyl phthalate	14.60	149	857932	40.90	nq	96
85) Indeno(1,2,3-cd)pyrene	16.80	276	697275	34.19	nq	# 91
87) Benzo(b)fluoranthene	15.01	252	777767m	45.05	nq	
88) Benzo(k)fluoranthene	15.03	252	610499m	42.05	nq	
89) Benzo(a)pyrene	15.35	252	629575	40.61	nq	# 96
90) Dibenzo(a,h)anthracene	16.81	278	579374	40.40	nq	# 94
91) Benzo(g,h,i)perylene	17.21	276	605330	40.94	nq	97

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

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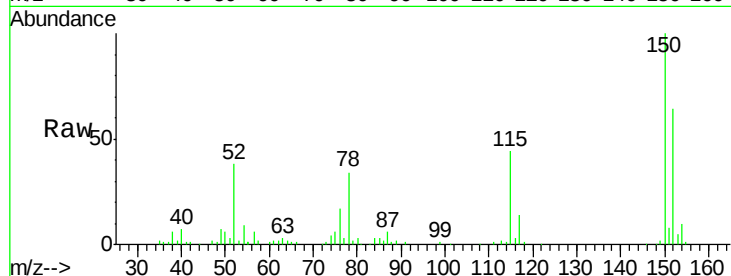


#1

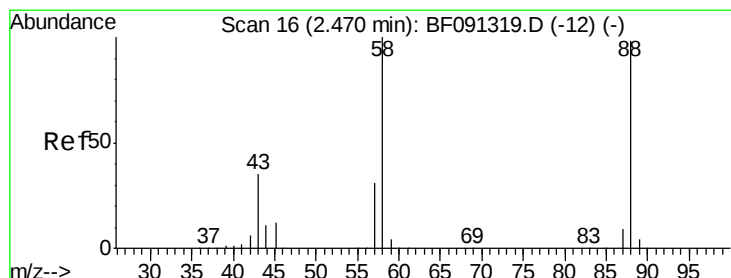
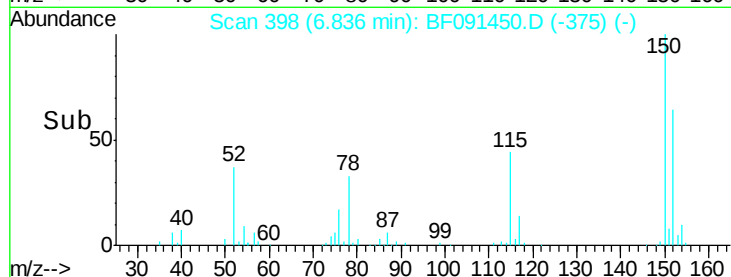
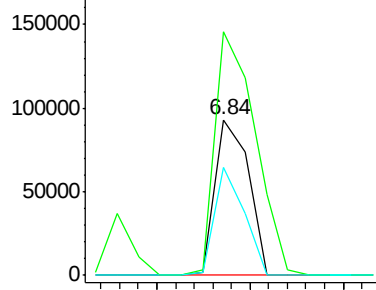
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 116229
Ion Ratio Lower Upper
152 100
150 156.5 122.5 183.7
115 69.2 51.8 77.8



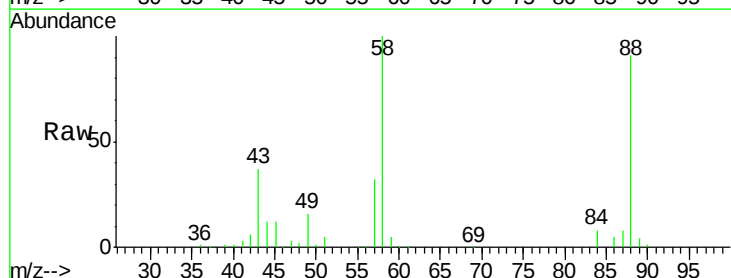
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



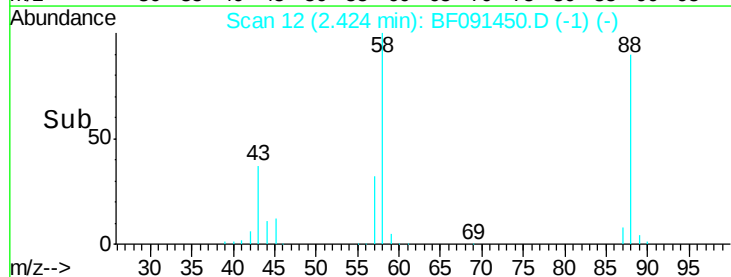
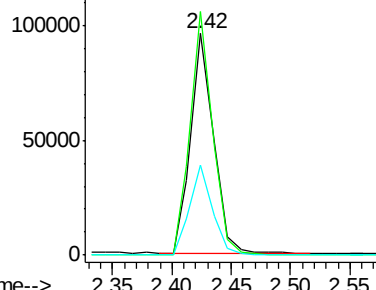
#2

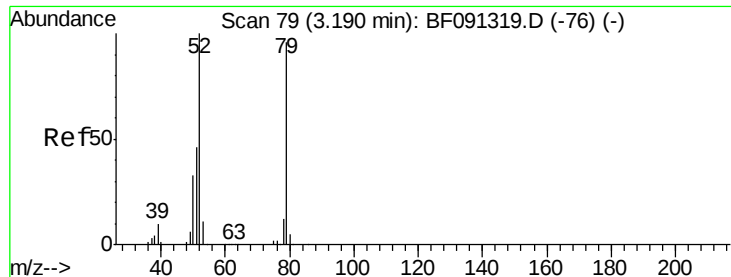
1,4-Dioxane
Concen: 39.22 ng
RT: 2.42 min Scan# 12
Delta R.T. -0.07 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion: 88 Resp: 126239
Ion Ratio Lower Upper
88 100
58 109.4 70.3 105.5#
43 41.5 31.3 46.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.75 ng

RT: 3.14 min Scan# 75

Delta R.T. -0.07 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

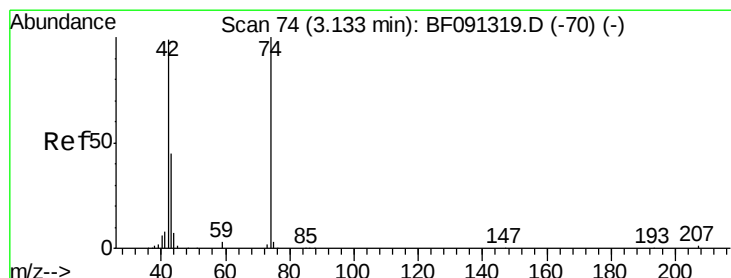
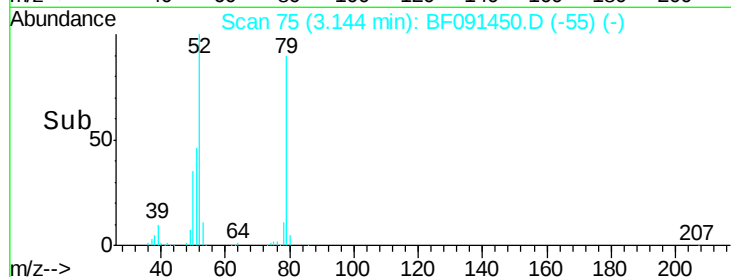
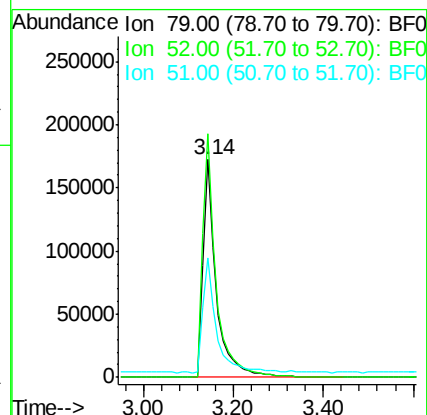
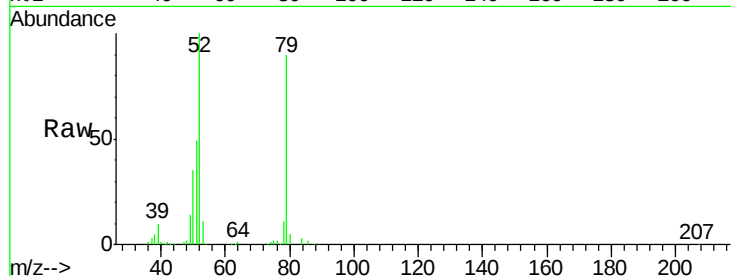
Tot Ion: 79 Resp: 352924

Ion Ratio Lower Upper

79 100

52 111.7 71.0 106.4#

51 54.6 37.0 55.4



#4

n-Nitrosodimethylamine

Concen: 42.16 ng

RT: 3.09 min Scan# 70

Delta R.T. -0.09 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

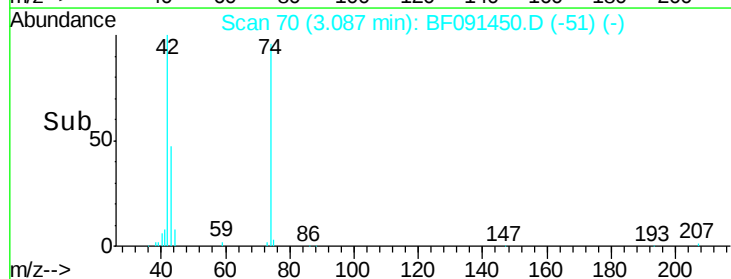
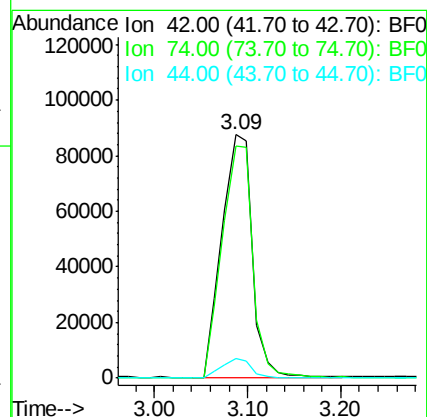
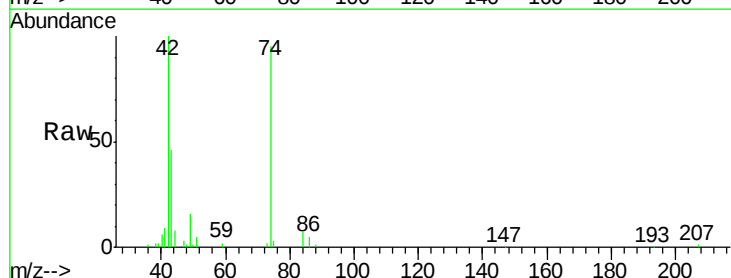
Tgt Ion: 42 Resp: 201469

Ion Ratio Lower Upper

42 100

74 95.4 78.9 118.3

44 7.9 5.8 8.6





#5

2-Fluorophenol

Concen: 82.34 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

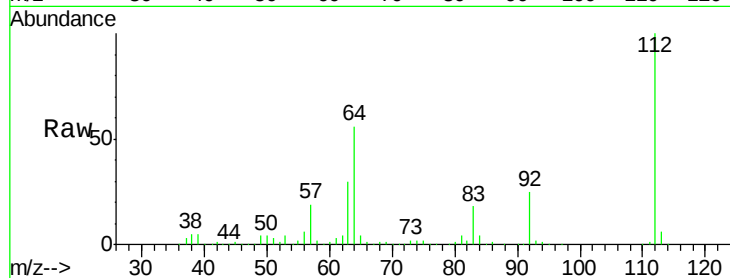
Tot Ion: 112 Resp: 585855

Ion Ratio Lower Upper

112 100

64 56.3 61.5 92.3#

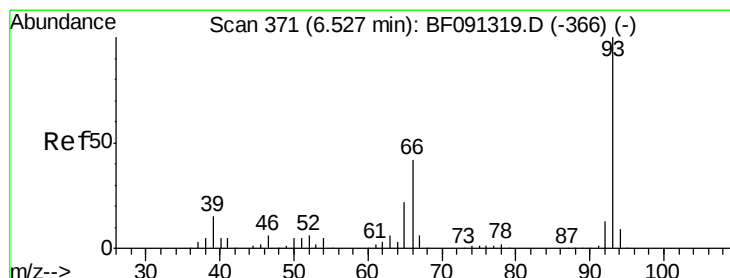
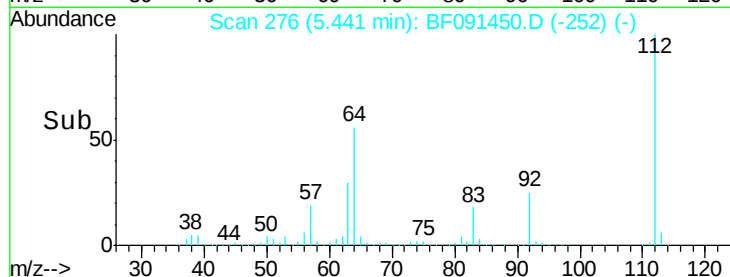
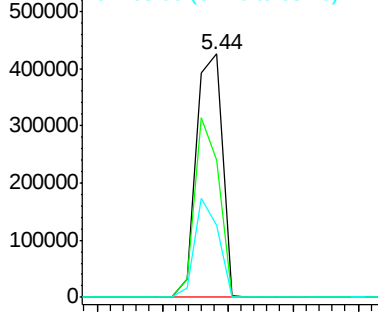
63 29.6 33.3 49.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.34 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

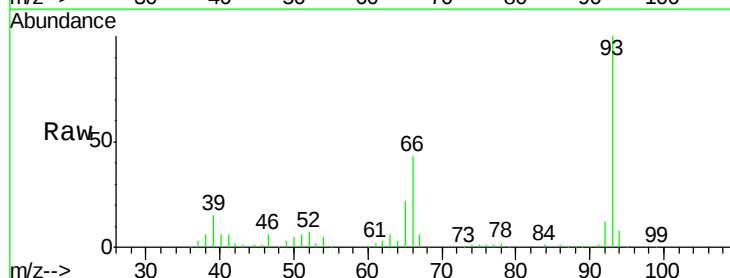
Tgt Ion: 93 Resp: 469299

Ion Ratio Lower Upper

93 100

66 43.0 55.8 83.6#

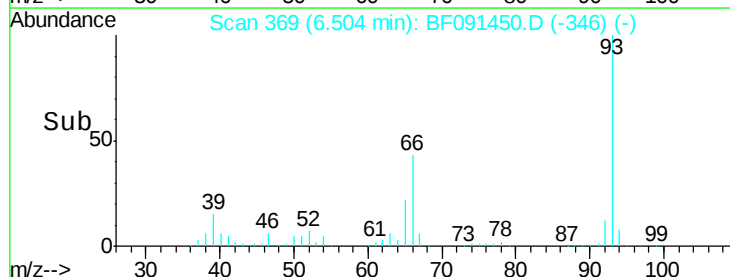
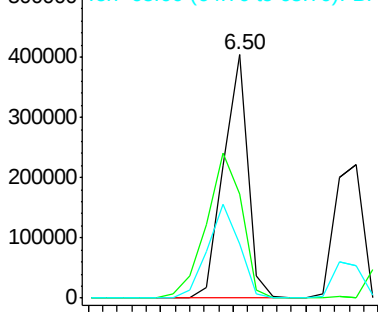
65 22.5 29.9 44.9#

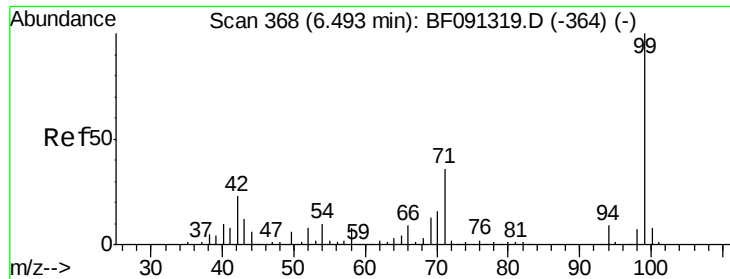


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.75 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.03 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

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SSTDCCC040

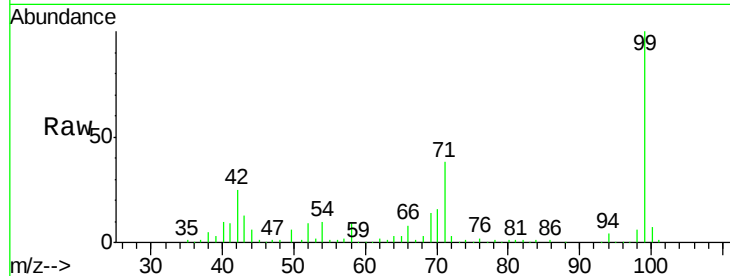
Tot Ion: 99 Resp: 733472

Ion Ratio Lower Upper

99 100

42 25.2 20.6 31.0

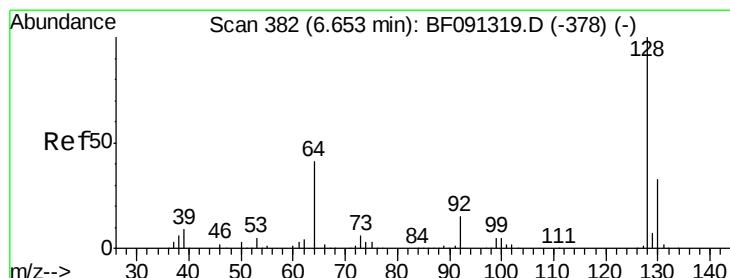
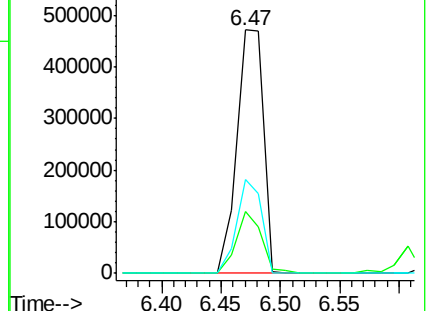
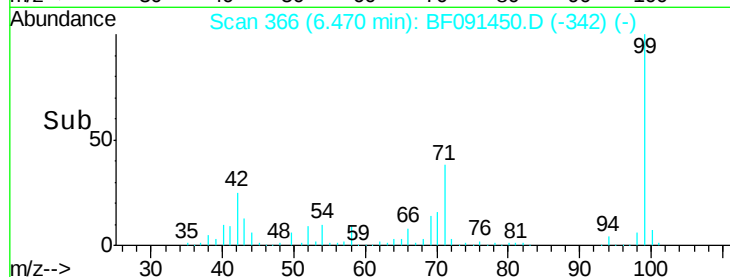
71 38.3 29.9 44.9



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.51 ng

RT: 6.63 min Scan# 380

Delta R.T. -0.03 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

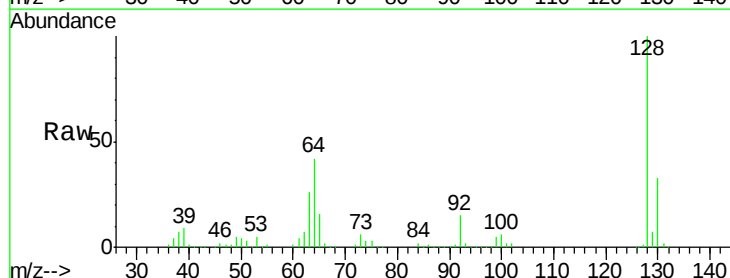
Tgt Ion: 128 Resp: 323789

Ion Ratio Lower Upper

128 100

130 33.0 13.1 53.1

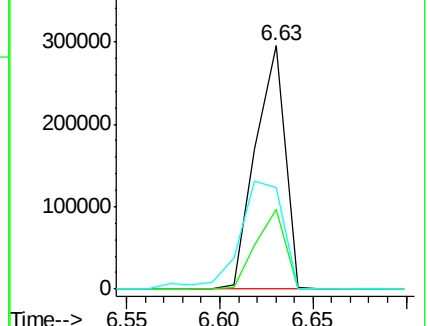
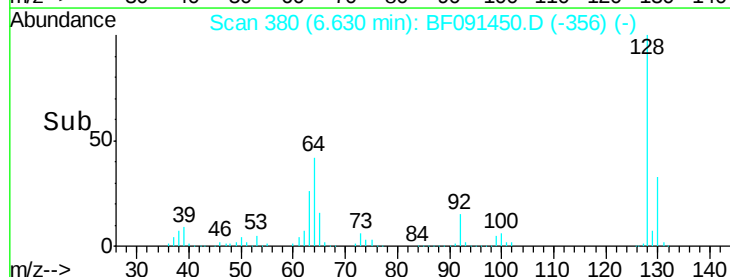
64 41.6 24.1 64.1

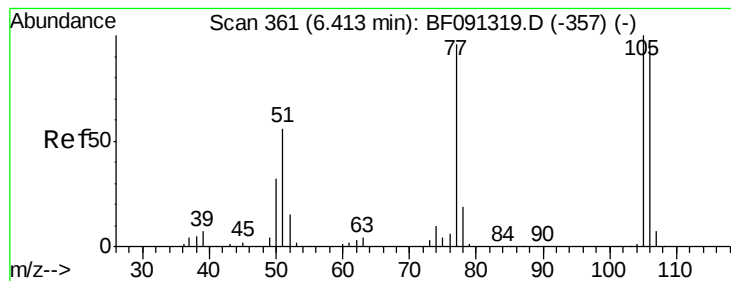


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.04 ng/mL

RT: 6.39 min Scan# 359

Delta R.T. -0.03 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

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SSTDCCC040

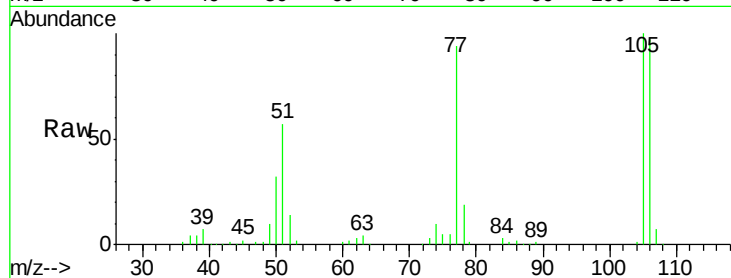
Tot Ion: 77 Resp: 208595

Ion Ratio Lower Upper

77 100

105 106.0 66.4 106.4

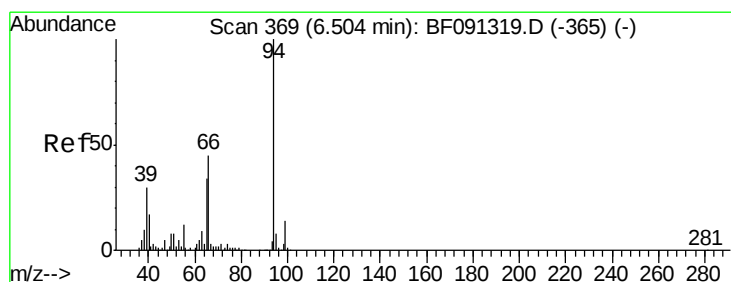
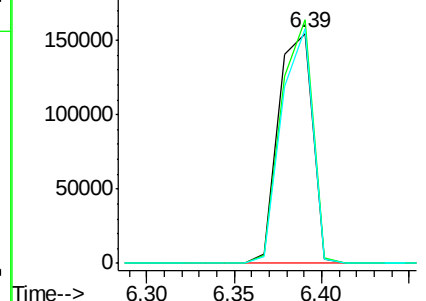
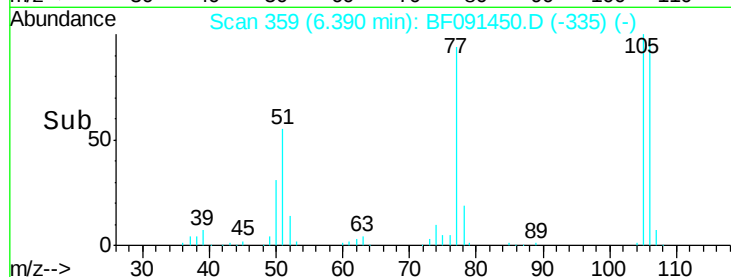
106 102.4 60.9 100.9#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.67 ng/mL

RT: 6.49 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

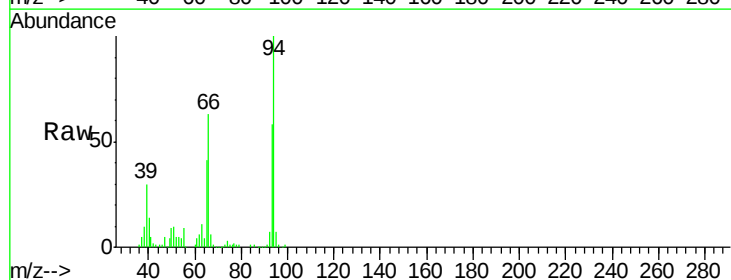
Tgt Ion: 94 Resp: 429400

Ion Ratio Lower Upper

94 100

65 40.7 16.9 56.9

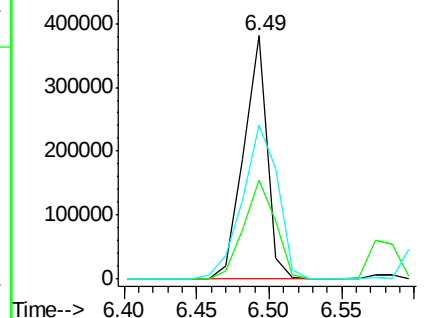
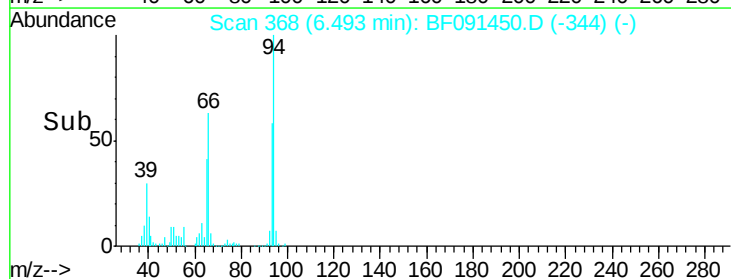
66 63.2 30.6 70.6



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.81 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

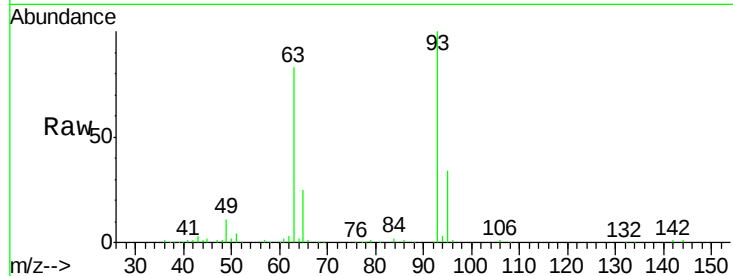
Tot Ion: 93 Resp: 293121

Ion Ratio Lower Upper

93 100

63 82.6 74.8 114.8

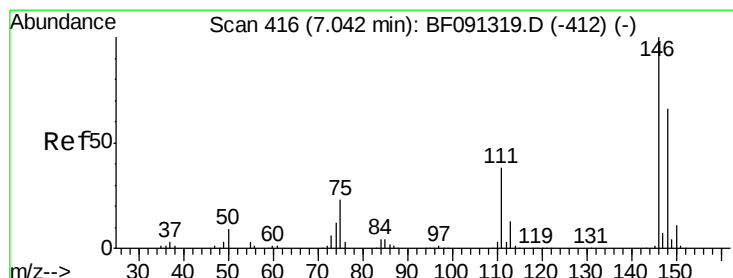
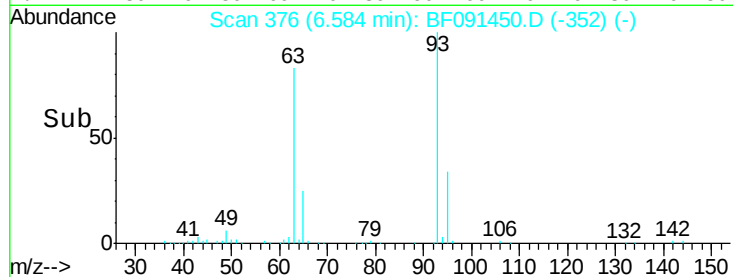
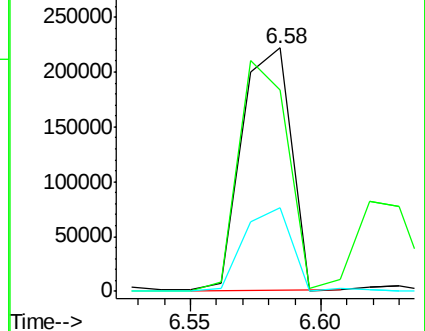
95 34.2 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.34 ng m

RT: 6.78 min Scan# 393

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

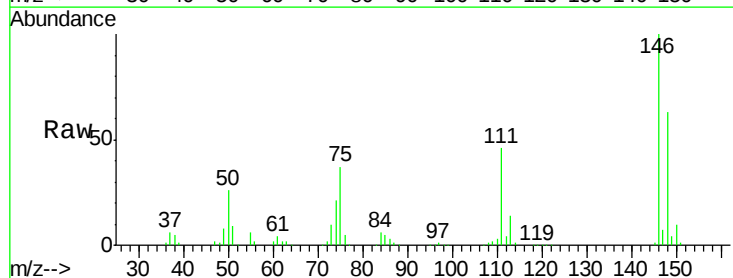
Tgt Ion: 146 Resp: 341337

Ion Ratio Lower Upper

146 100

148 63.0 51.4 77.0

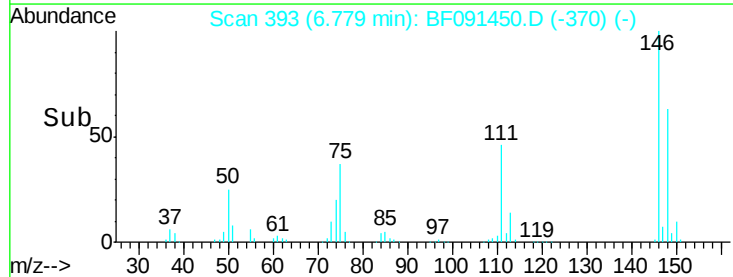
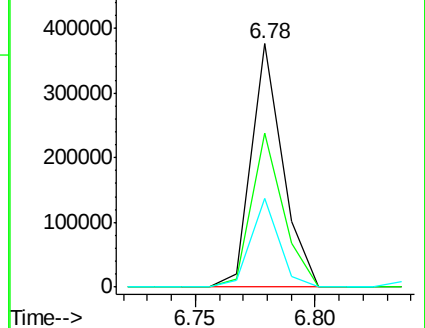
75 36.6 23.6 35.4#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

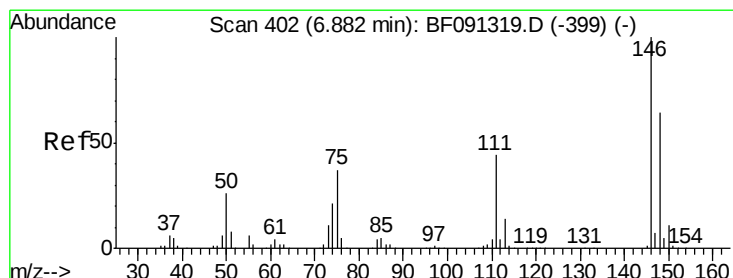
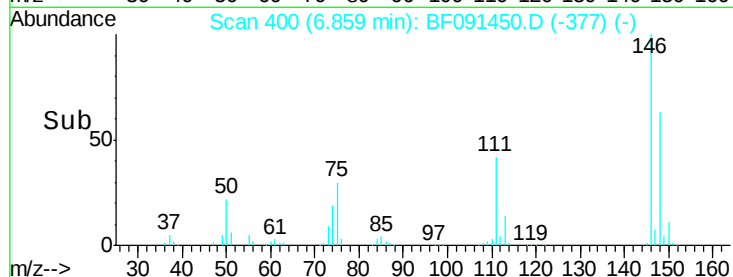
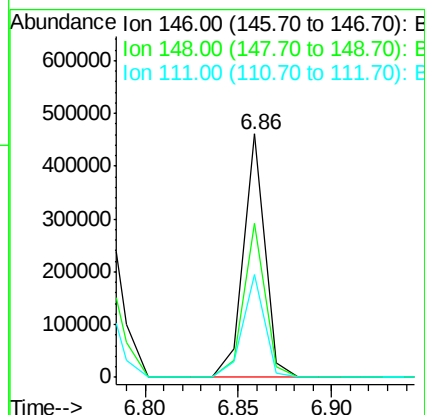
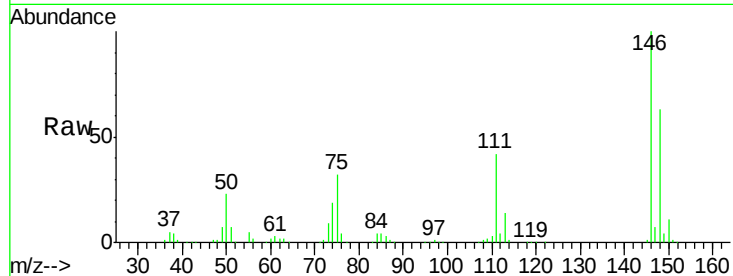




#13
 1,4-Dichlorobenzene
 Concen: 43.20 ng
 RT: 6.86 min Scan# 400
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

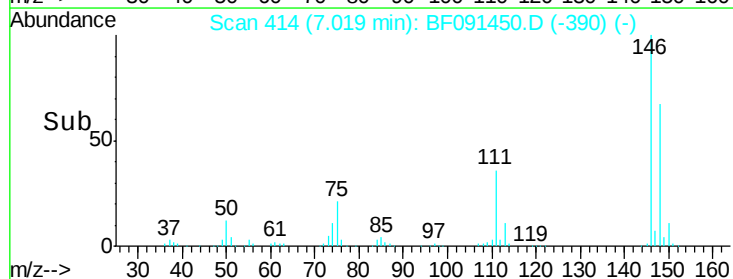
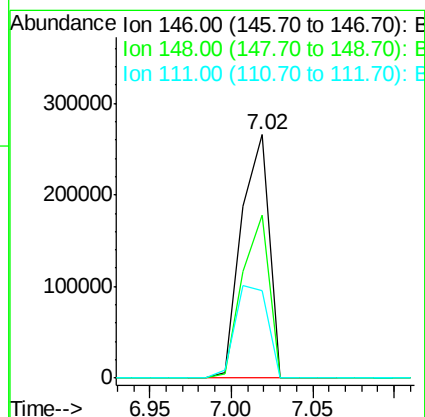
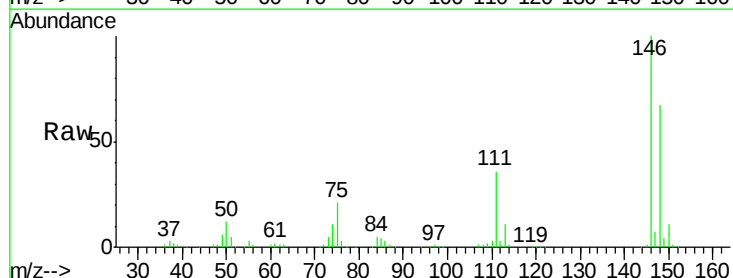
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 372879
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 111 42.2 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 39.25 ng m
 RT: 7.02 min Scan# 414
 Delta R.T. -0.03 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Tgt Ion:146 Resp: 315540
 Ion Ratio Lower Upper
 146 100
 148 66.9 51.0 76.6
 111 35.9 38.9 58.3#





#15

Benzyl Alcohol

Concen: 41.62 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

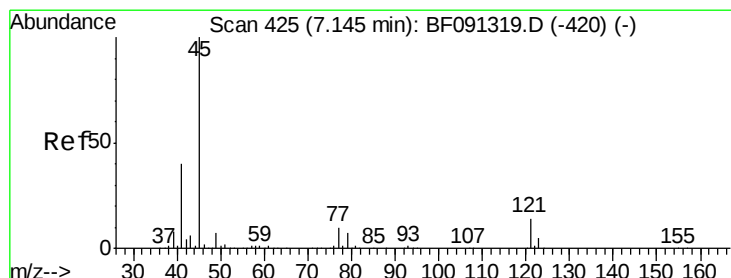
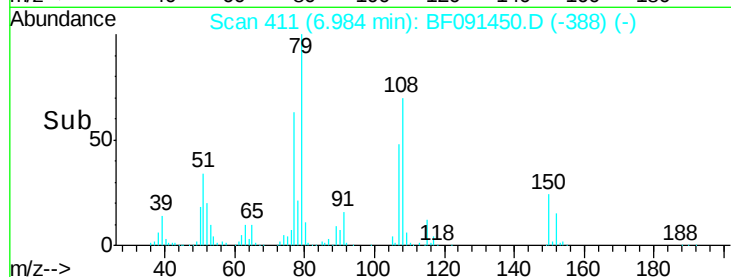
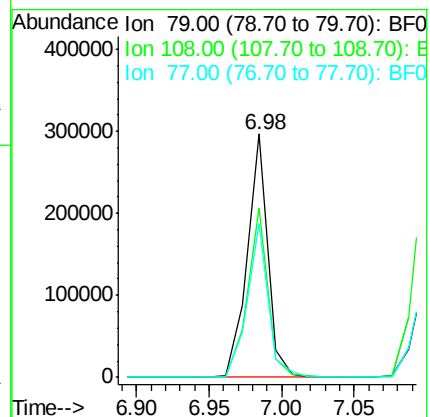
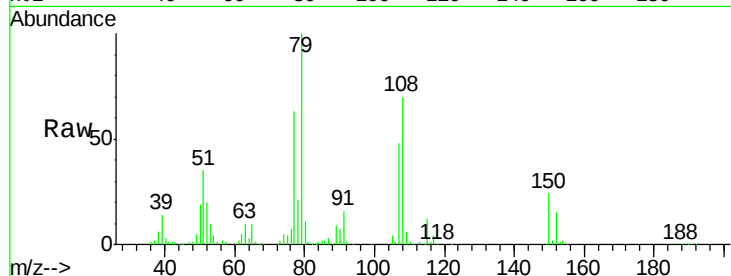
Tot Ion: 79 Resp: 291710

Ion Ratio Lower Upper

79 100

108 69.8 62.7 94.1

77 63.3 51.7 77.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.67 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

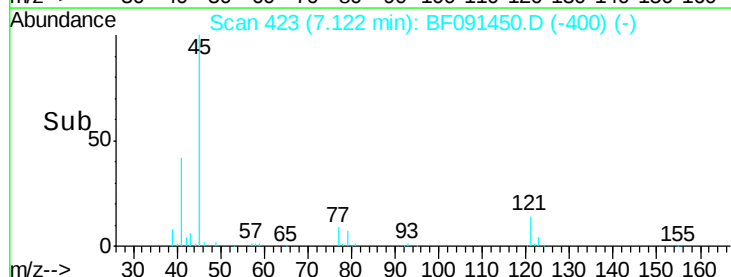
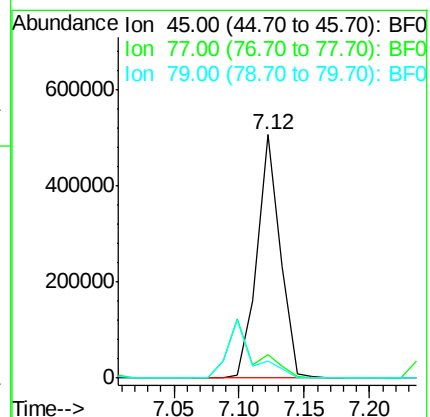
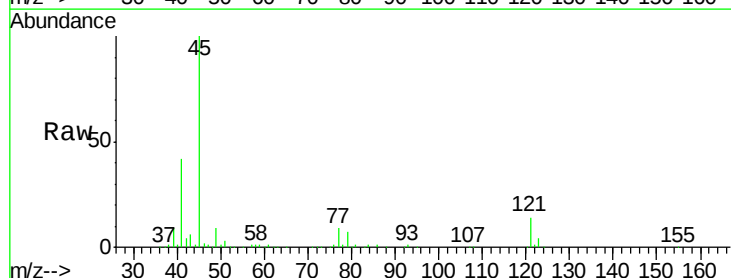
Tgt Ion: 45 Resp: 628131

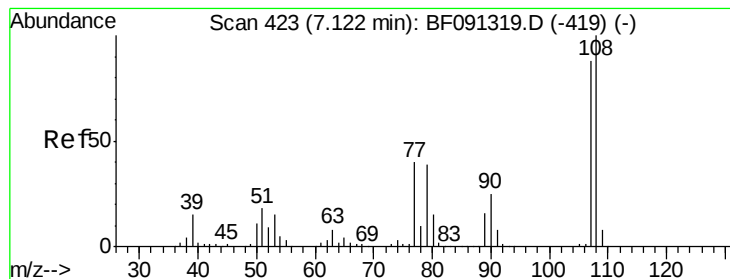
Ion Ratio Lower Upper

45 100

77 9.5 3.8 43.8

79 7.3 0.2 40.2





#17

2-Methylphenol

Concen: 38.09 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 234898

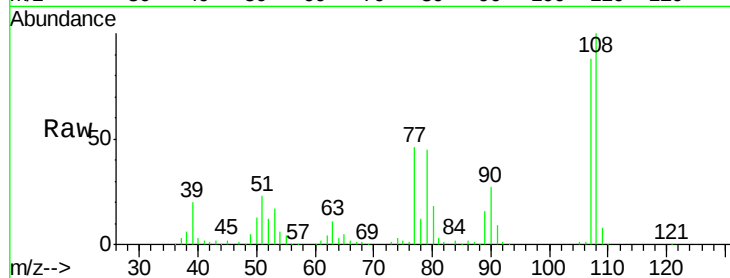
Ion Ratio Lower Upper

107 100

108 114.2 67.7 101.5#

77 52.8 40.7 61.1

79 51.8 23.4 35.2#



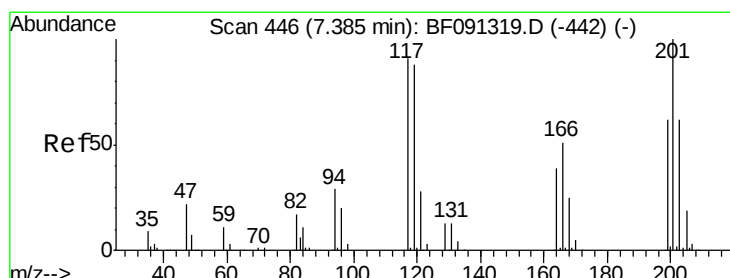
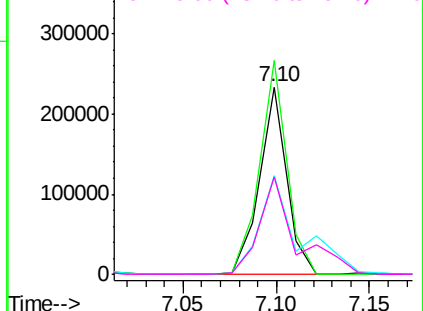
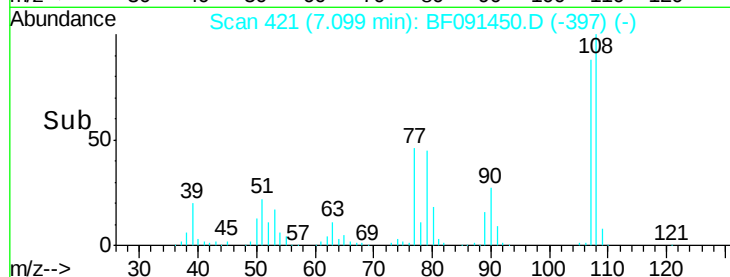
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.96 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

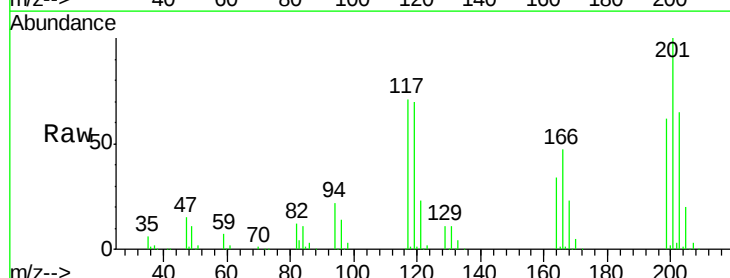
Tgt Ion:117 Resp: 125541

Ion Ratio Lower Upper

117 100

119 98.1 78.6 118.0

201 140.0 86.7 130.1#

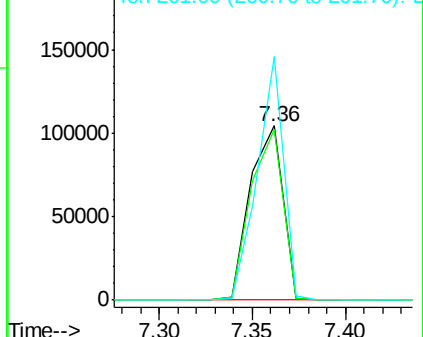
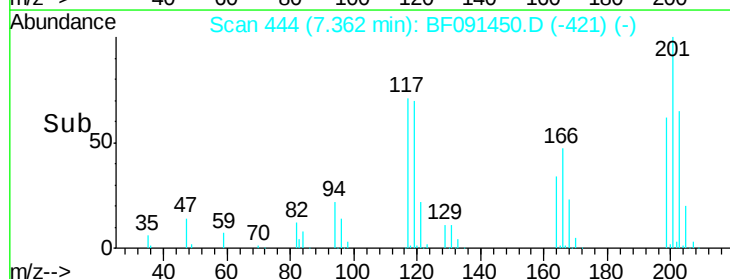


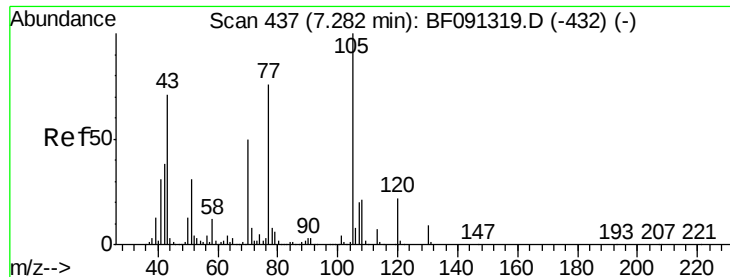
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

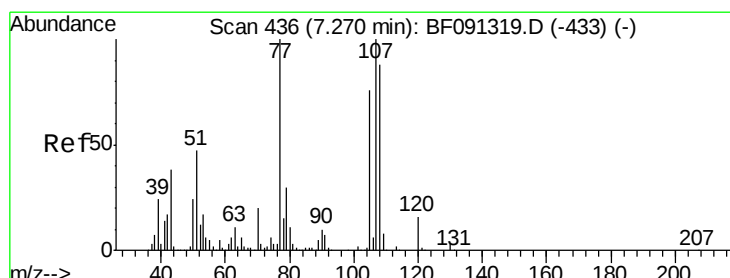
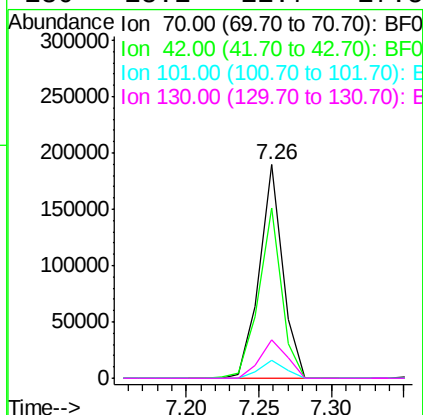
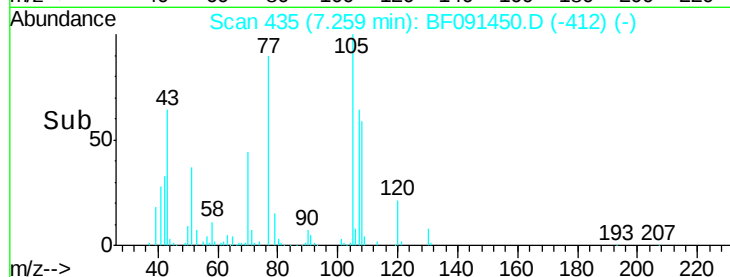
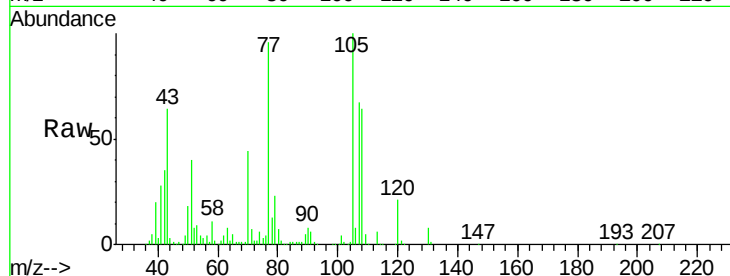




#19
n-Nitroso-di-n-propylamine
Concen: 38.41 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

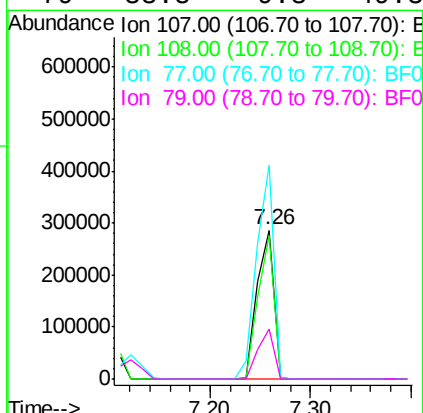
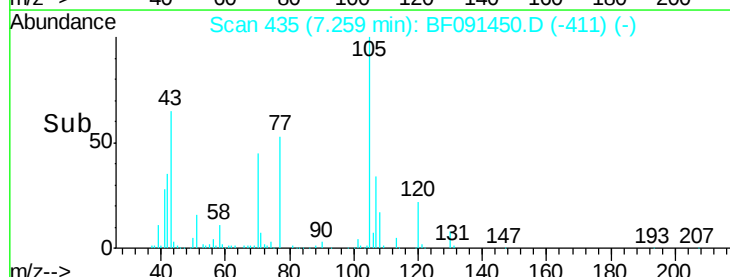
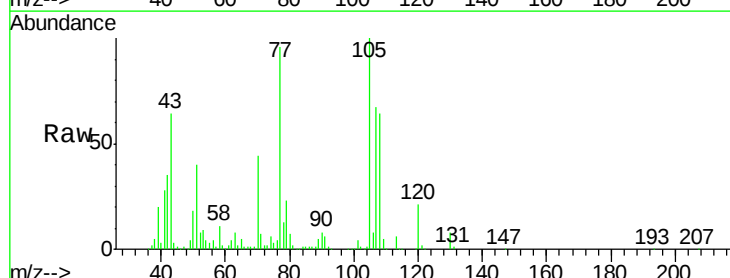
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

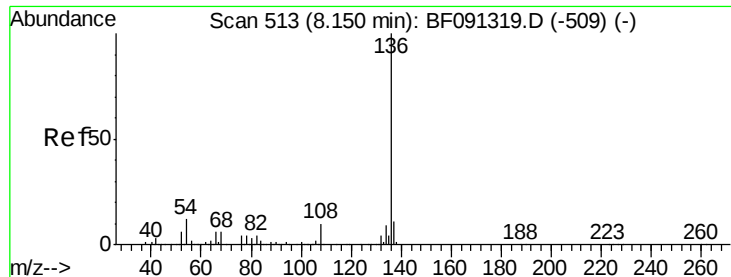
Tot Ion: 70 Resp: 211946
Ion Ratio Lower Upper
70 100
42 79.9 64.8 97.2
101 8.6 6.2 9.4
130 18.1 11.7 17.5#



#20
3+4-Methylphenols
Concen: 43.91 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.03 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion: 107 Resp: 330538
Ion Ratio Lower Upper
107 100
108 96.5 64.6 104.6
77 143.3 30.9 70.9#
79 33.8 9.3 49.3

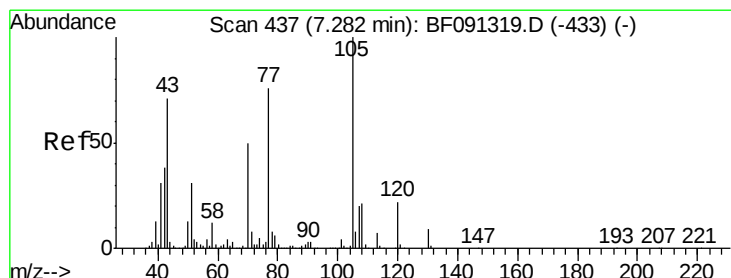
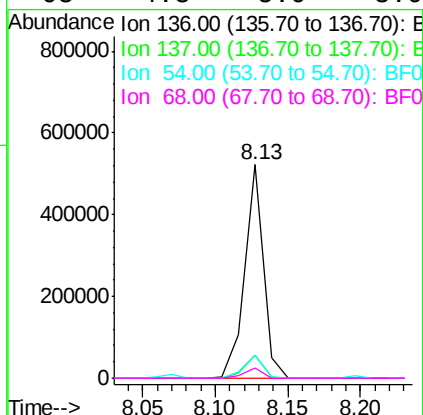
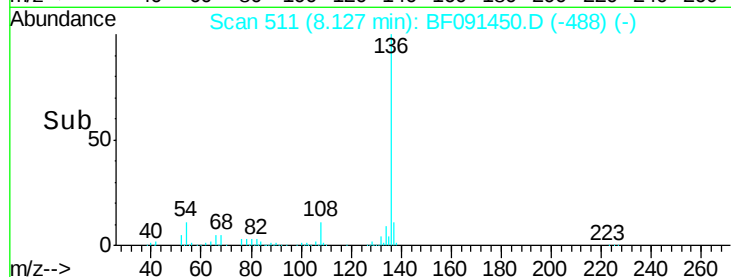
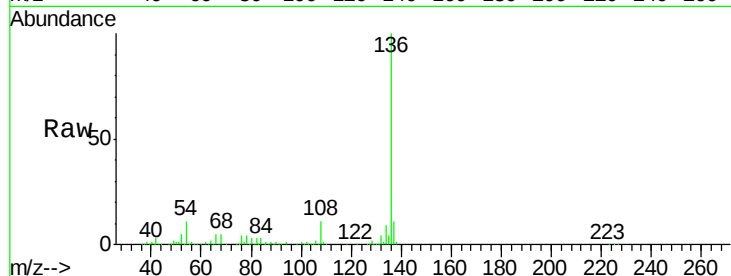




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

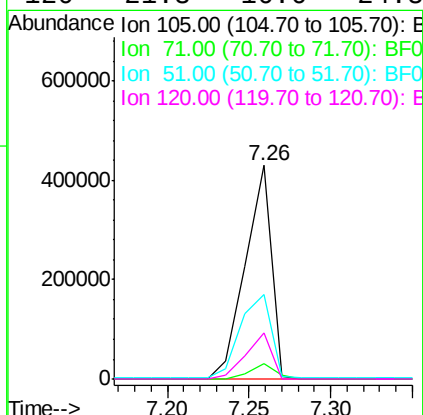
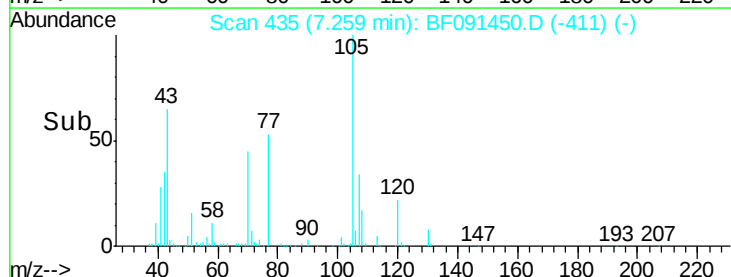
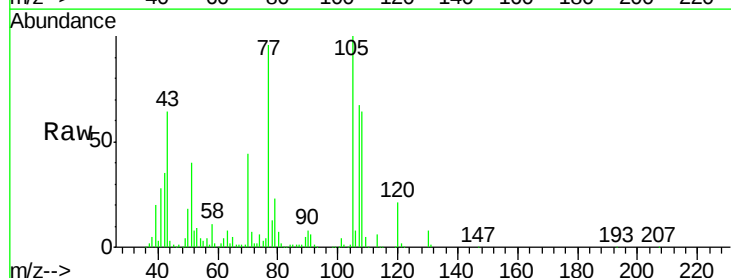
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

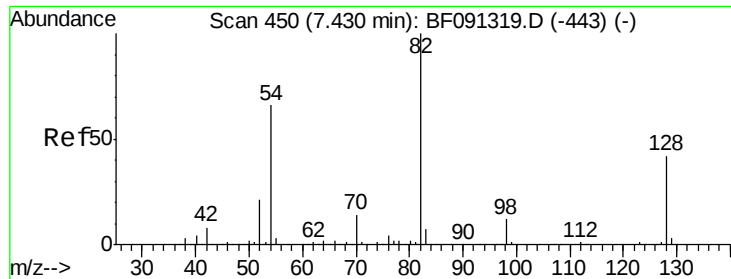
Tot Ion:136	Resp: 467638
Ion Ratio	Lower Upper
136 100	
137 11.0	9.1 13.7
54 10.9	9.1 13.7
68 4.8	5.9 8.9#



#22
Acetophenone
Concen: 43.17 ng
RT: 7.26 min Scan# 435
Delta R.T. -0.03 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion:105	Resp: 478532
Ion Ratio	Lower Upper
105 100	
71 7.1	7.9 11.9#
51 39.6	24.5 36.7#
120 21.3	16.6 24.8

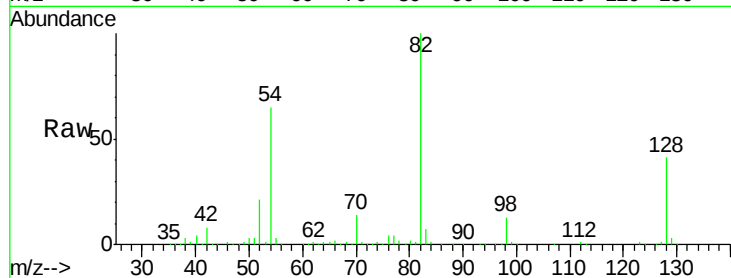




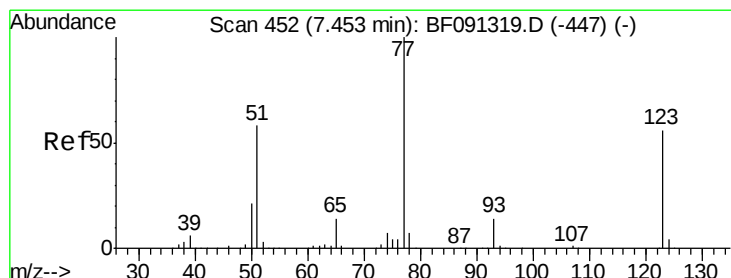
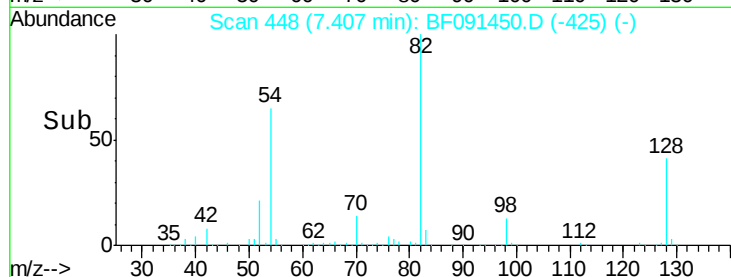
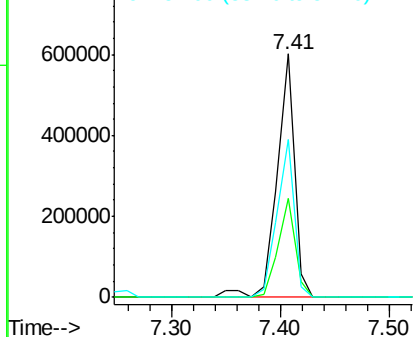
#23
Nitrobenzene-d5
Concen: 80.76 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 82 Resp: 673889
Ion Ratio Lower Upper
82 100
128 40.6 31.8 47.6
54 65.1 49.1 73.7

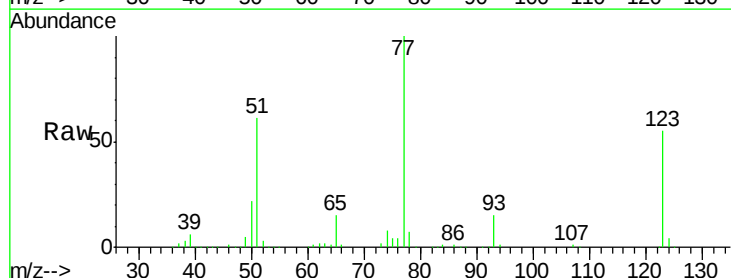


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

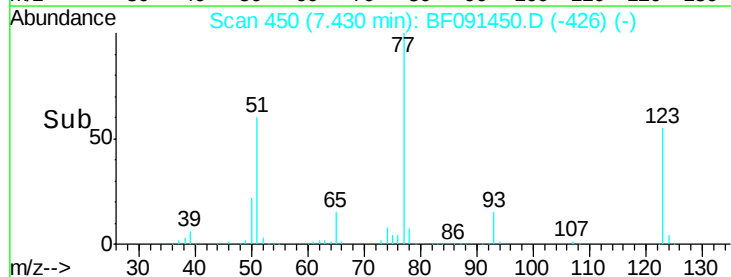
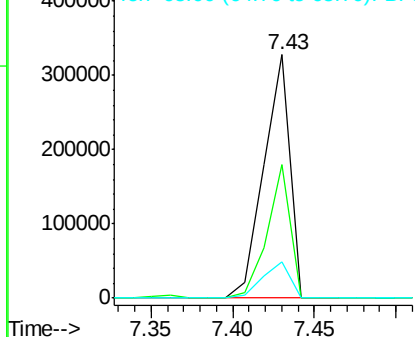


#24
Nitrobenzene
Concen: 42.64 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion: 77 Resp: 364286
Ion Ratio Lower Upper
77 100
123 54.7 28.5 42.7#
65 14.9 12.5 18.7



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

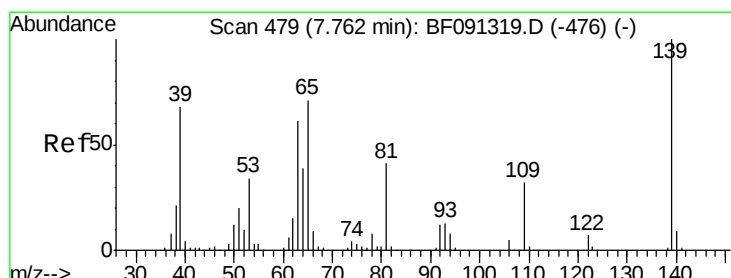
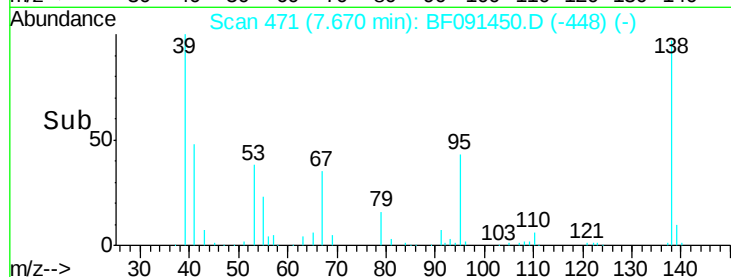
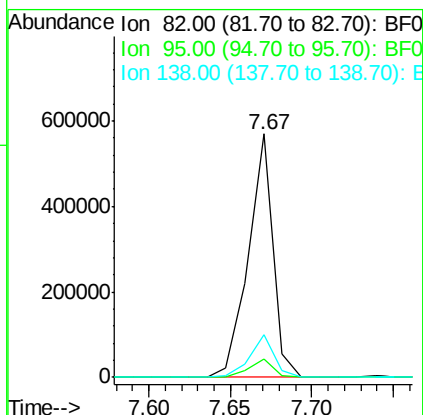
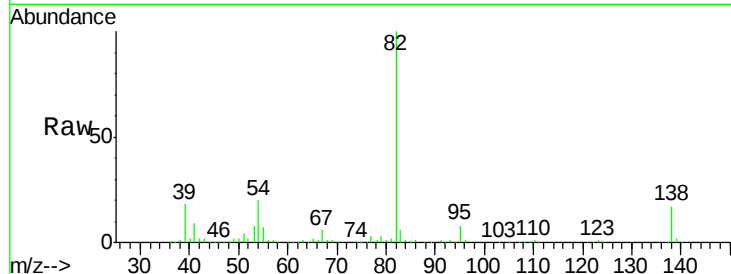




#25
Isophorone
Concen: 40.40 ng
RT: 7.67 min Scan# 471
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

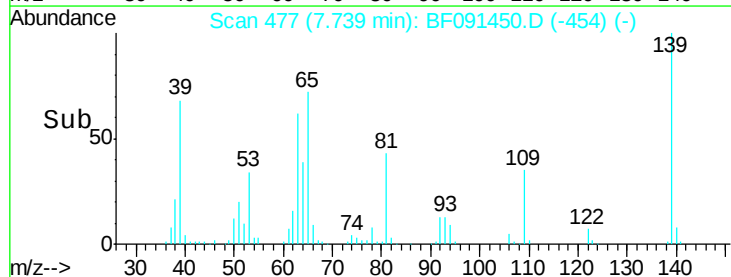
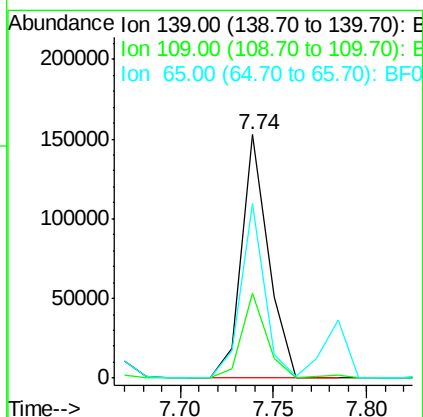
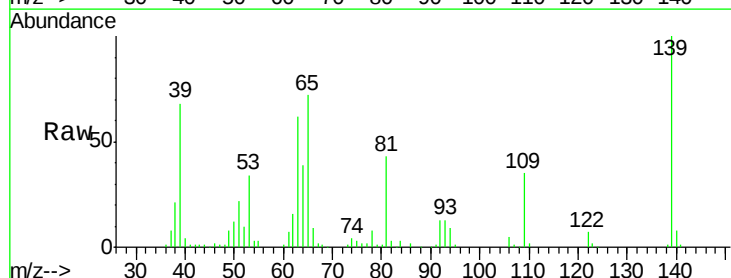
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

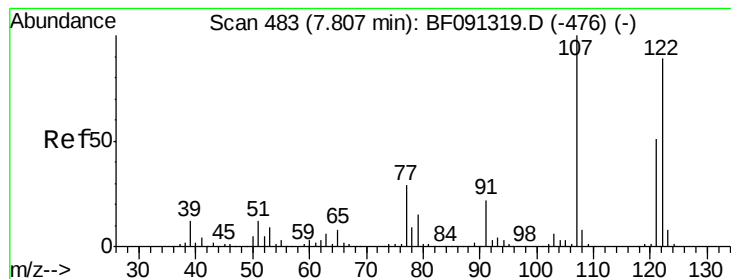
Tot Ion: 82 Resp: 597312
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 17.4 13.4 20.0



#26
2-Nitrophenol
Concen: 39.11 ng
RT: 7.74 min Scan# 477
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion: 139 Resp: 152264
Ion Ratio Lower Upper
139 100
109 34.7 25.3 37.9
65 71.8 55.4 83.2

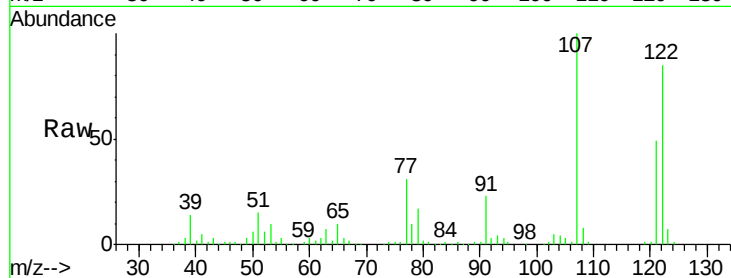




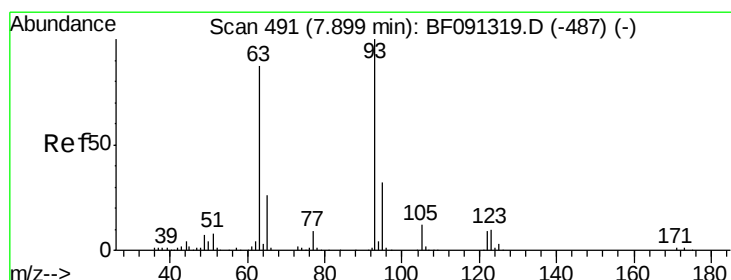
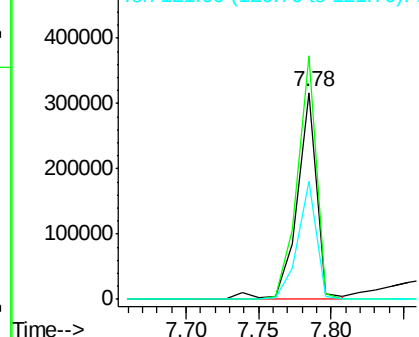
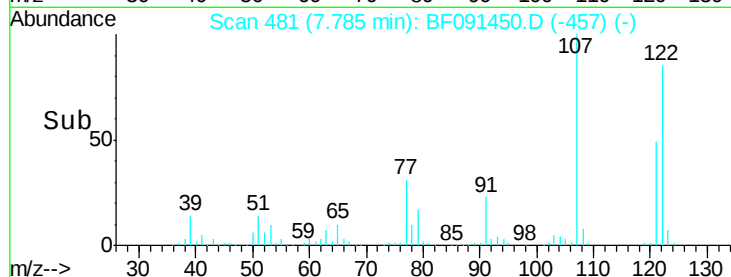
#27
2,4-Dimethylphenol
Concen: 40.74 ng
RT: 7.78 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:122 Resp: 296735
Ion Ratio Lower Upper
122 100
107 117.9 96.8 145.2
121 57.4 47.7 71.5

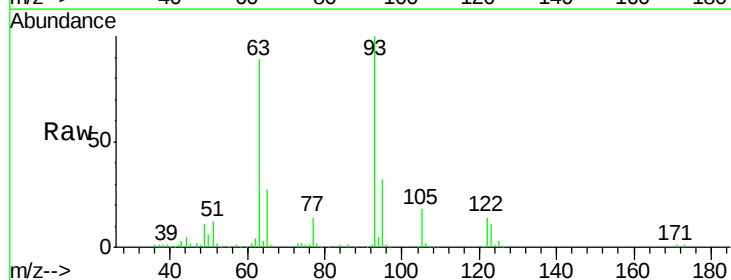


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

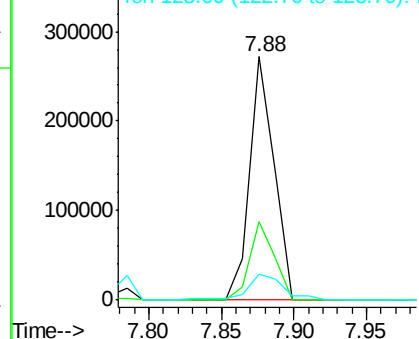
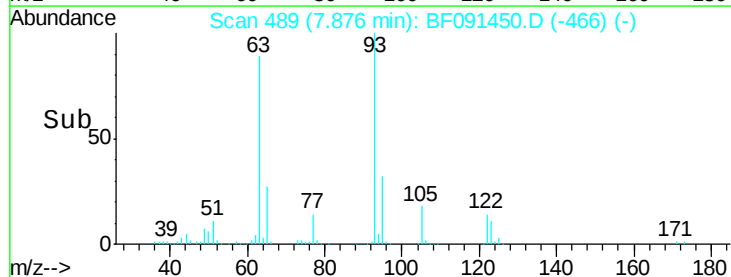


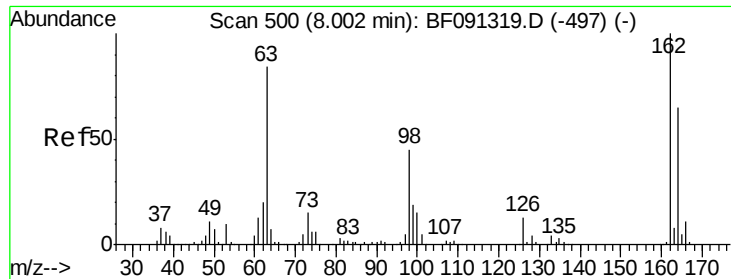
#28
bis(2-Chloroethoxy)methane
Concen: 35.46 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion: 93 Resp: 315505
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 10.8 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

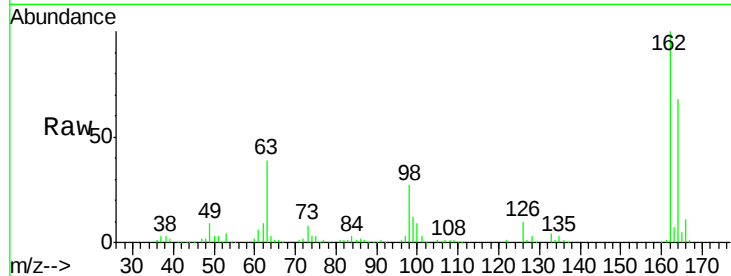




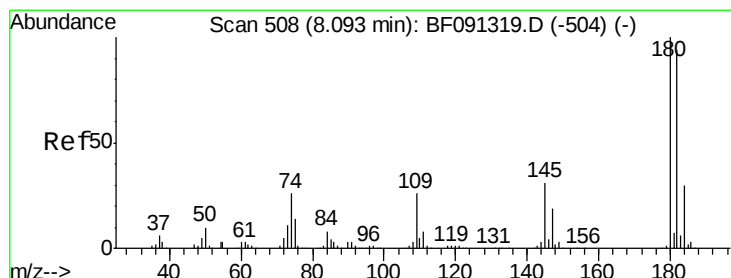
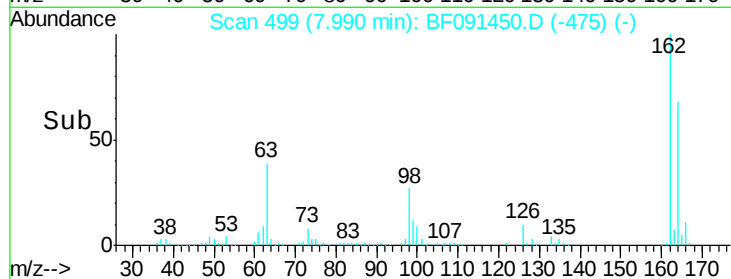
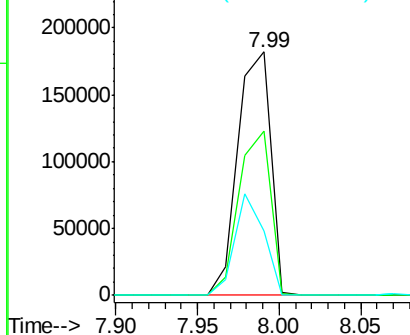
#29
 2,4-Dichlorophenol
 Concen: 39.51 ng
 RT: 7.99 min Scan# 499
 Delta R.T. -0.03 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 253149
 Ion Ratio Lower Upper
 162 100
 164 67.6 45.0 85.0
 98 26.6 21.3 61.3

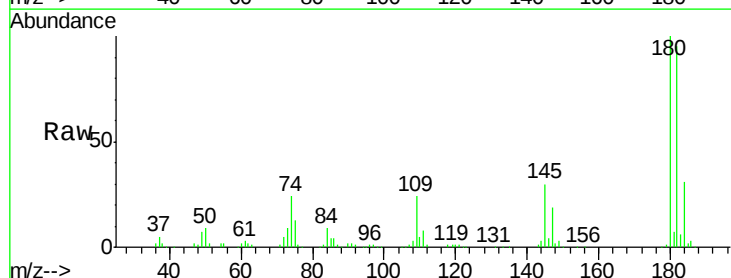


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

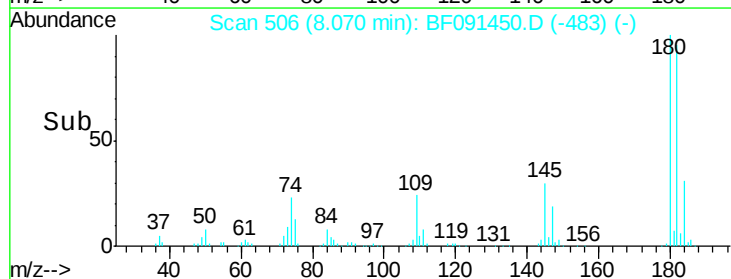
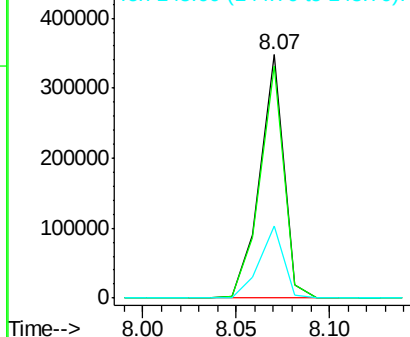


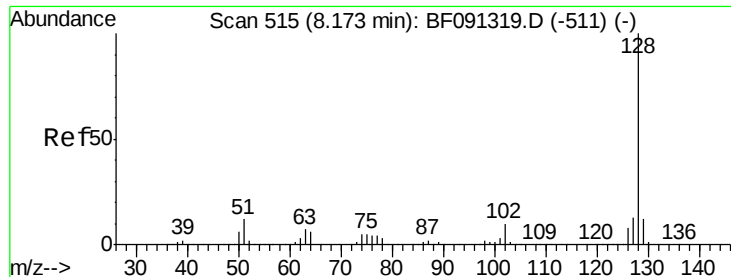
#30
 1,2,4-Trichlorobenzene
 Concen: 43.89 ng
 RT: 8.07 min Scan# 506
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Tgt Ion:180 Resp: 315302
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.8 113.8
 145 29.8 27.0 40.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

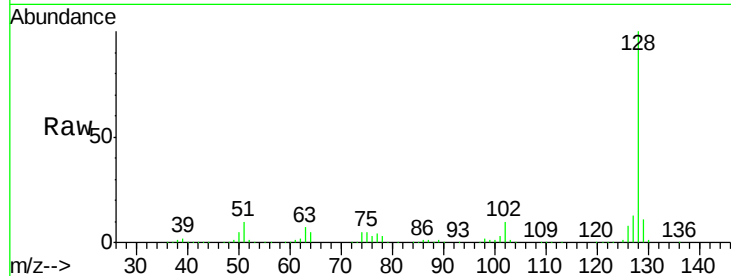




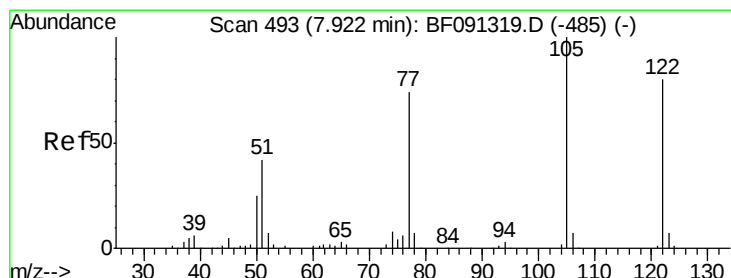
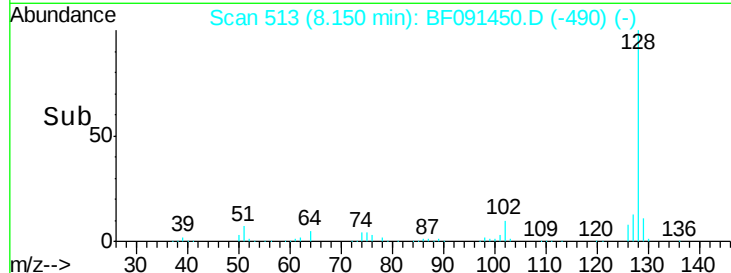
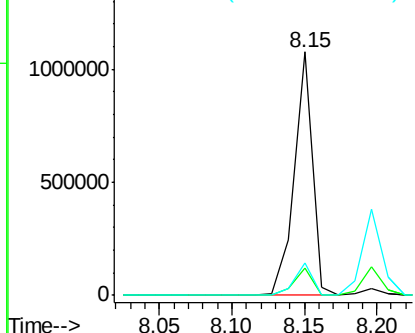
#31
Naphthalene
Concen: 42.12 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 936111
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.3 11.0 16.4

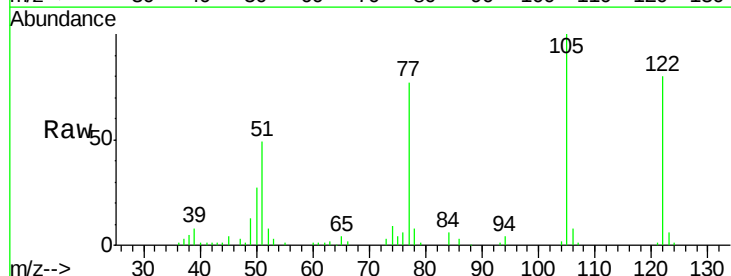


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

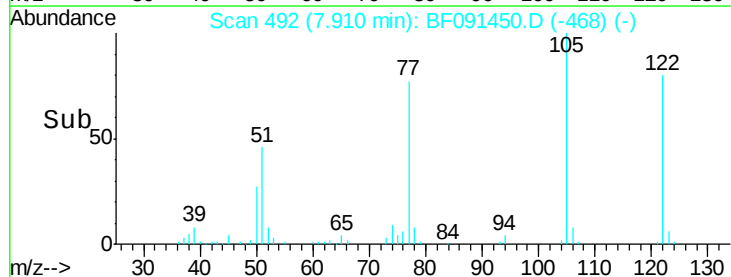
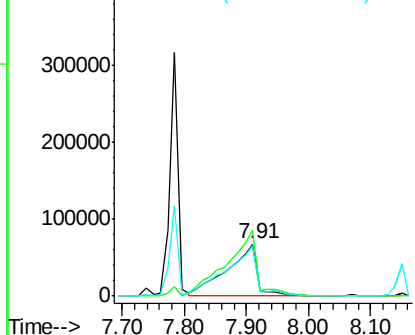


#32
Benzoic acid
Concen: 42.86 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.03 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion:122 Resp: 230119
Ion Ratio Lower Upper
122 100
105 125.2 113.0 153.0
77 96.5 82.0 122.0



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

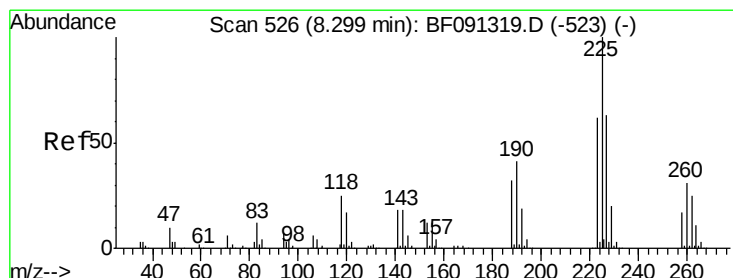
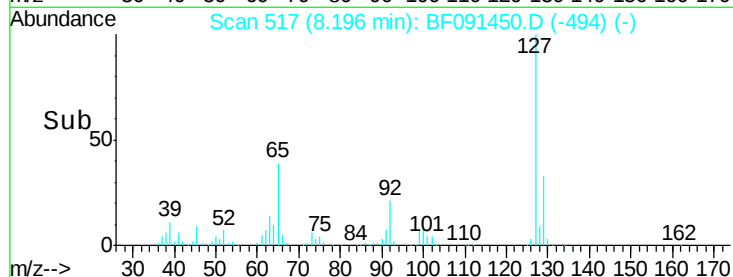
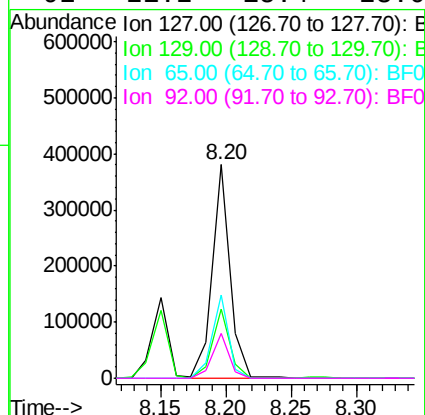
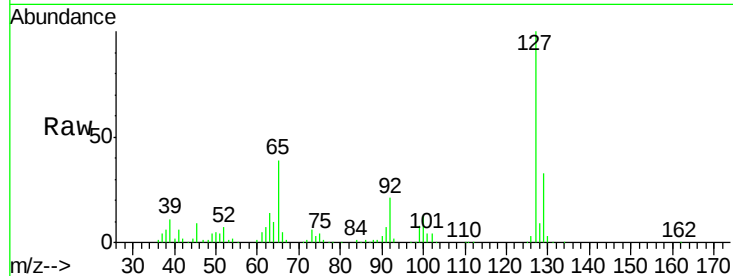




#33
4-Chloroaniline
Concen: 38.30 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

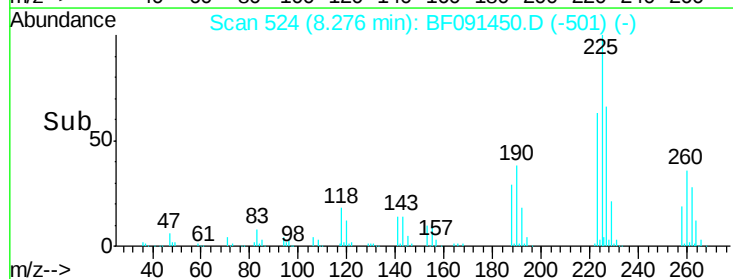
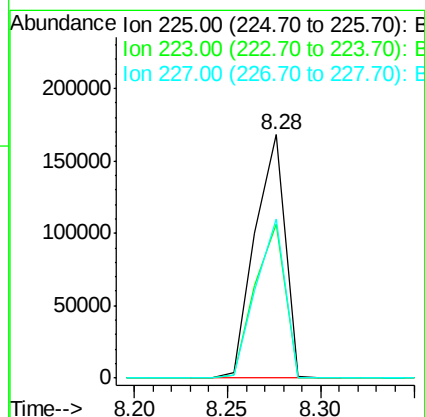
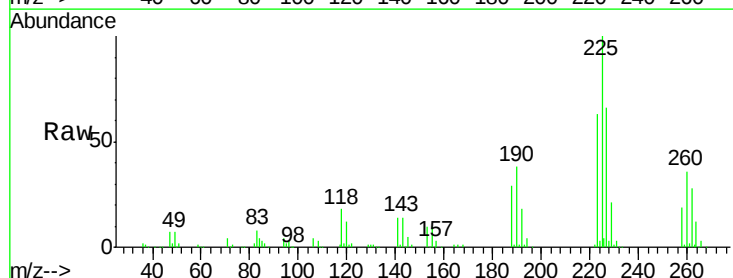
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	363855
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	39.2	26.6	39.8
92	21.2	15.4	23.0



#34
Hexachlorobutadiene
Concen: 42.43 ng
RT: 8.28 min Scan# 524
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion:	225	Resp:	187413
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.8	74.6
227	65.6	52.6	79.0

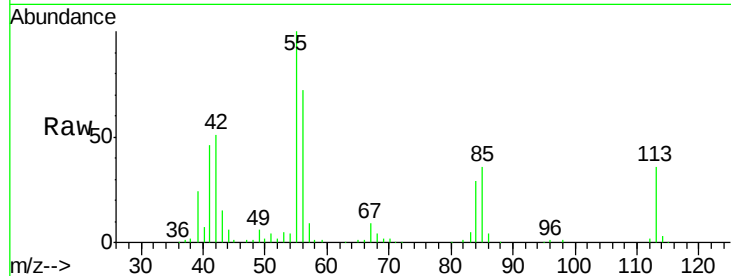




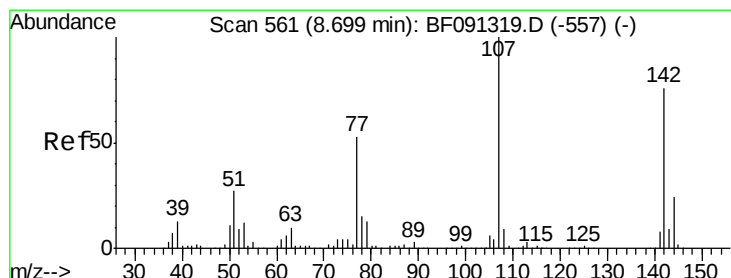
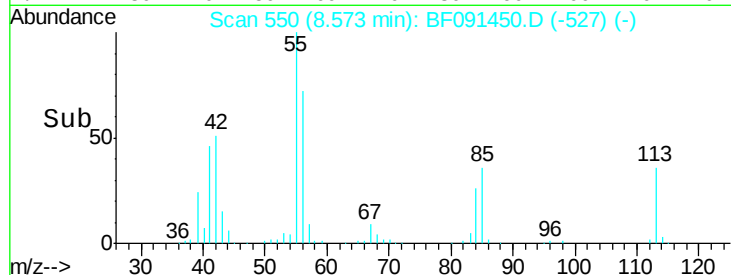
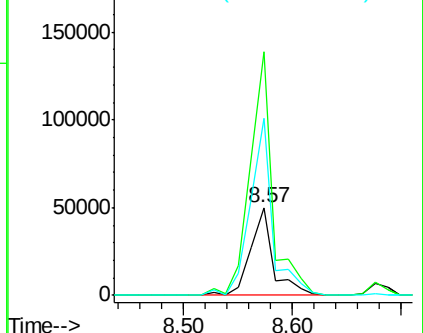
#35
 Caprolactam
 Concen: 39.28 ng
 RT: 8.57 min Scan# 550
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 72329
 Ion Ratio Lower Upper
 113 100
 55 277.6 239.8 279.8
 56 201.2 165.6 205.6

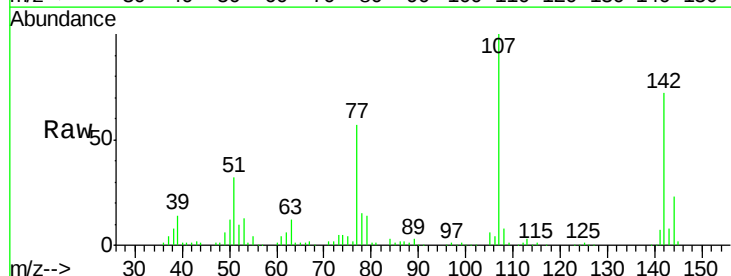


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

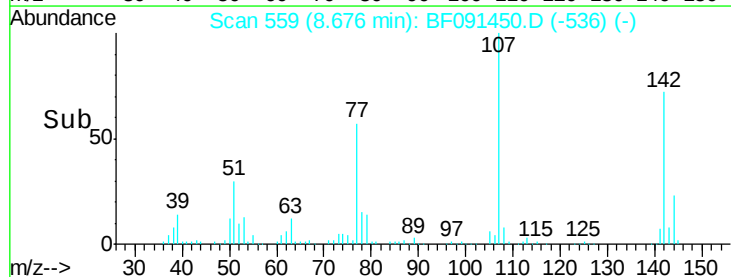
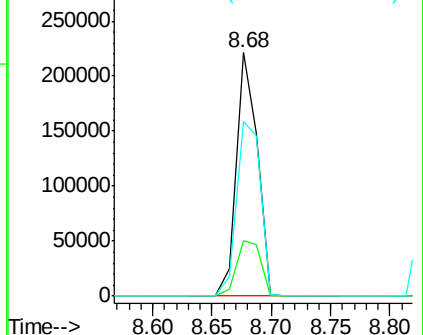


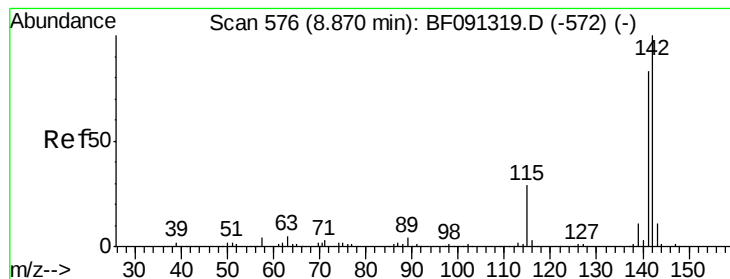
#36
 4-Chloro-3-methylphenol
 Concen: 39.38 ng
 RT: 8.68 min Scan# 559
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Tgt Ion:107 Resp: 272397
 Ion Ratio Lower Upper
 107 100
 144 23.0 18.9 28.3
 142 71.8 58.5 87.7



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

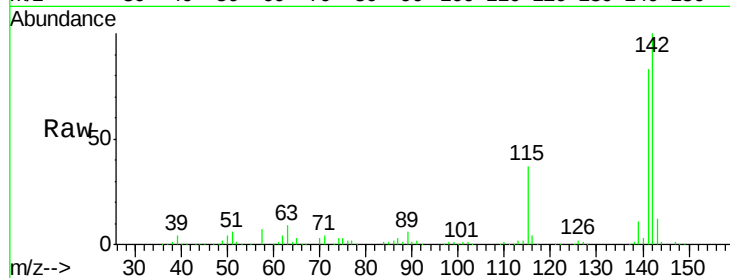




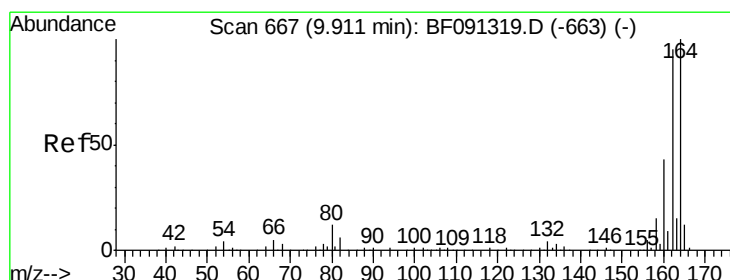
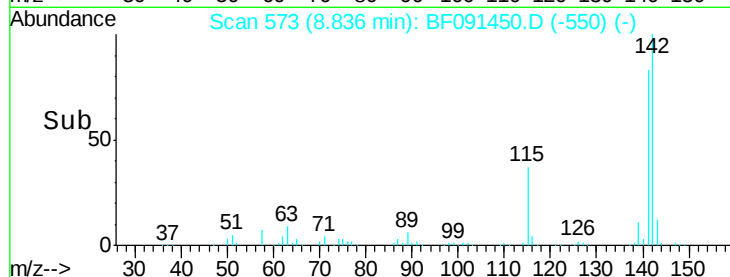
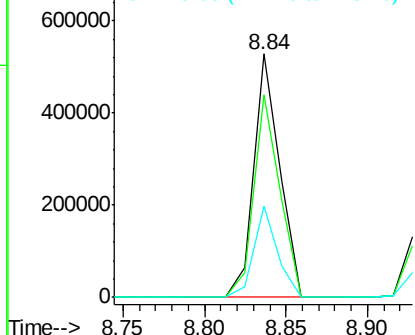
#37
2-Methylnaphthalene
Concen: 38.51 ng
RT: 8.84 min Scan# 573
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 581469
Ion Ratio Lower Upper
142 100
141 83.4 71.7 107.5
115 37.3 25.0 37.6

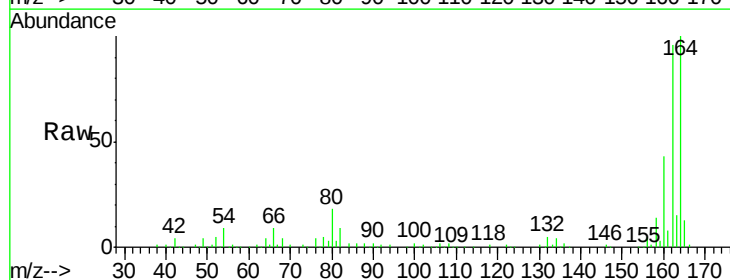


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

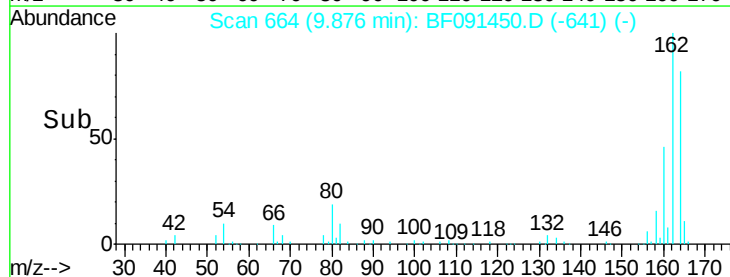
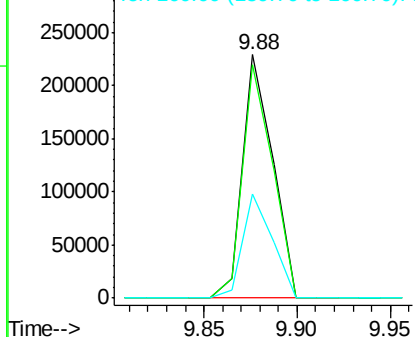


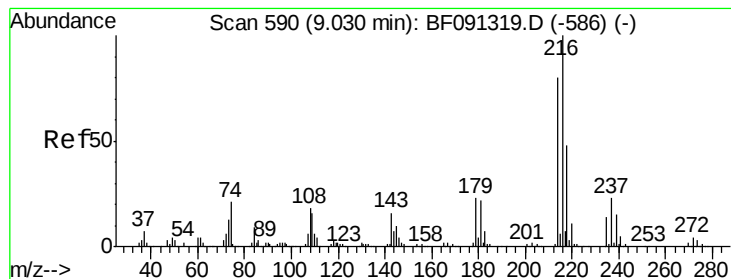
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion:164 Resp: 256832
Ion Ratio Lower Upper
164 100
162 95.9 82.6 124.0
160 43.0 36.7 55.1



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.20 ng

RT: 9.01 min Scan# 588

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 320017

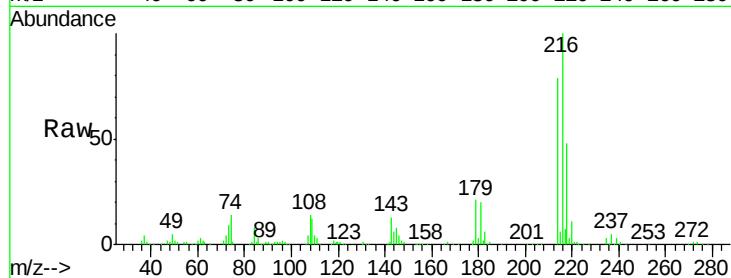
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.8

179 21.3 18.2 27.2

108 16.7 17.2 25.8#

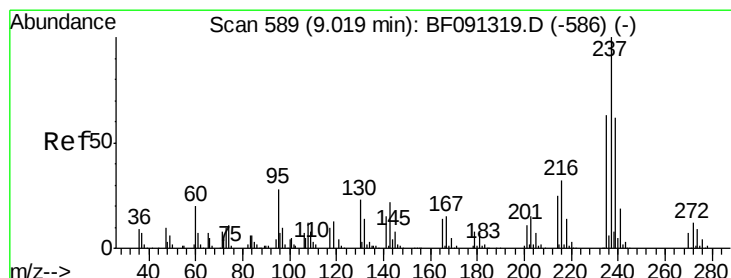
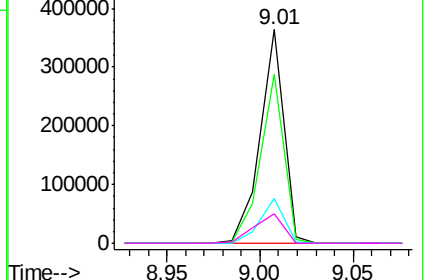
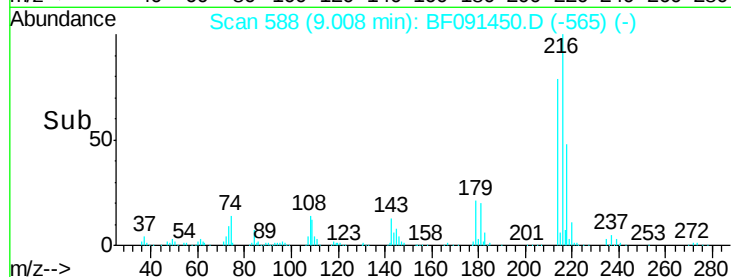


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 47.47 ng

RT: 9.00 min Scan# 587

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

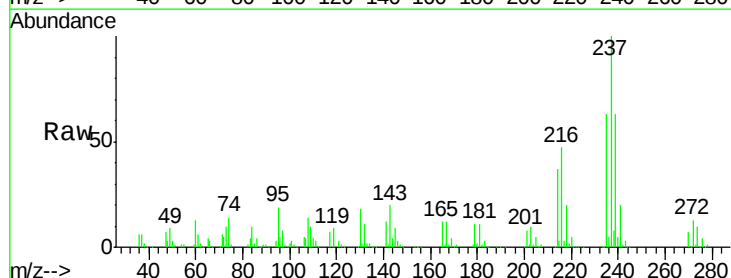
Tgt Ion:237 Resp: 159326

Ion Ratio Lower Upper

237 100

235 63.2 43.9 83.9

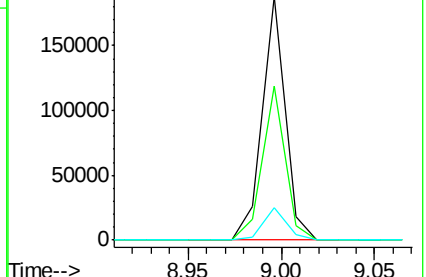
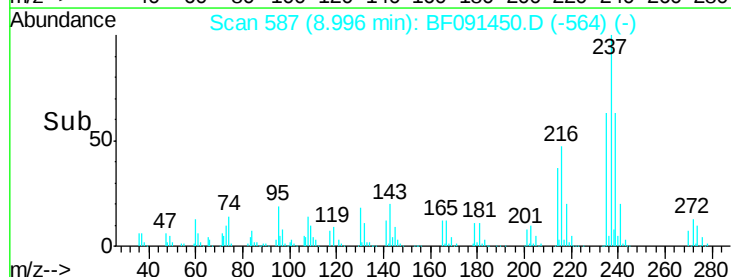
272 13.2 0.0 33.1

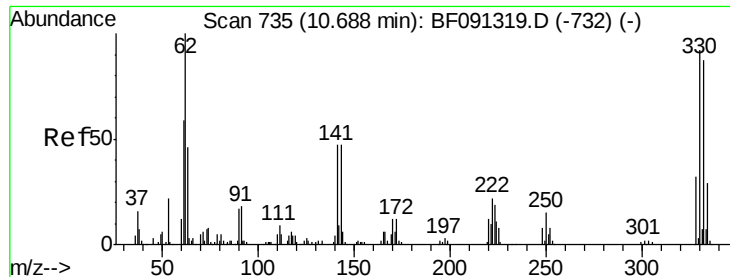


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

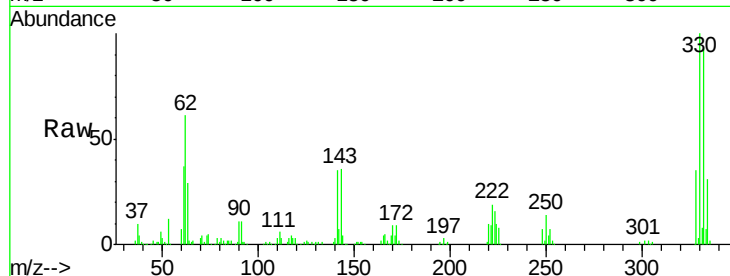




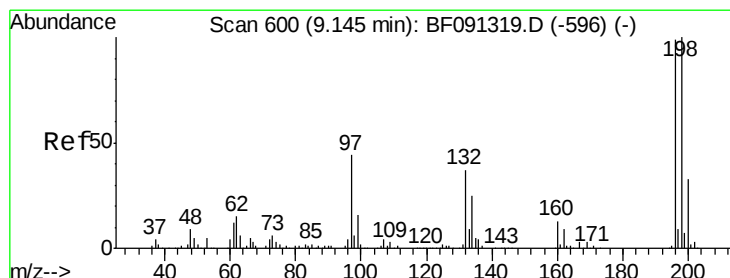
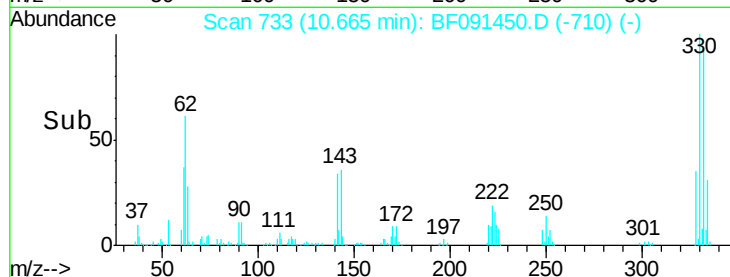
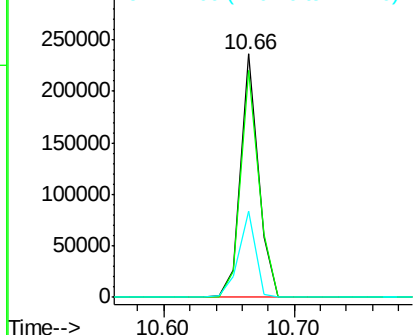
#41
 2,4,6-Tribromophenol
 Concen: 91.61 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 222744
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.4
 141 33.3 33.6 50.4#

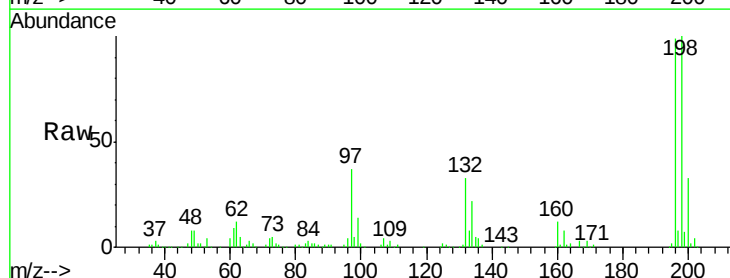


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

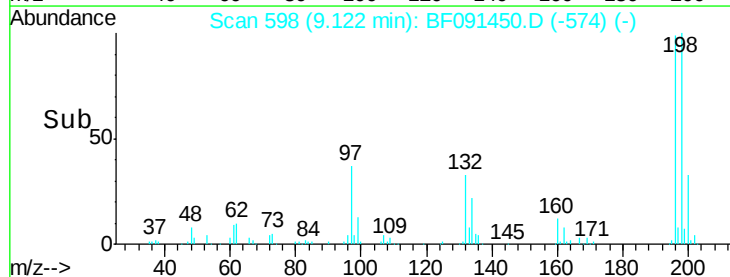
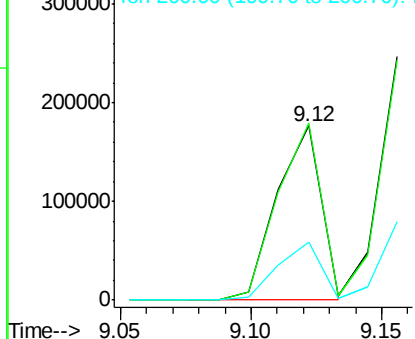


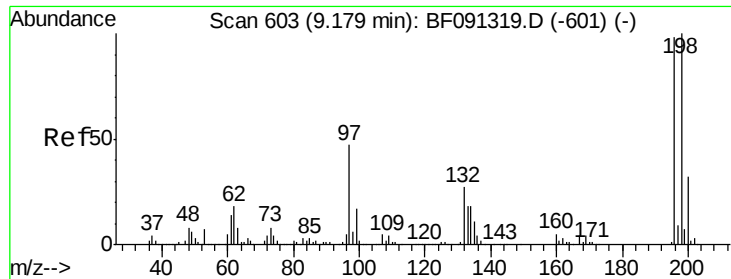
#42
 2,4,6-Trichlorophenol
 Concen: 43.74 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.03 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Tgt Ion:196 Resp: 205817
 Ion Ratio Lower Upper
 196 100
 198 101.3 77.4 116.0
 200 33.4 25.2 37.8



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

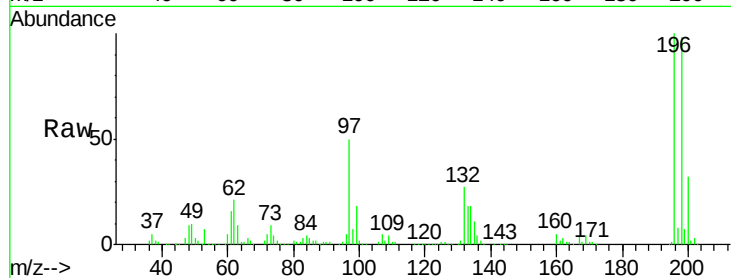




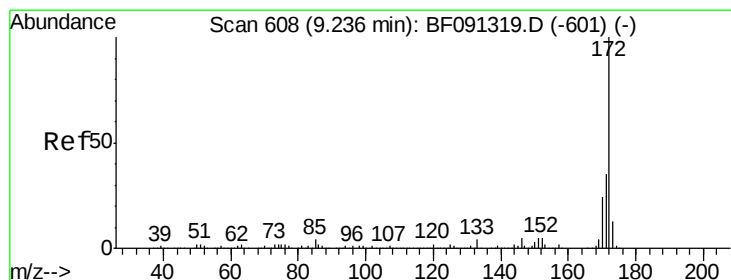
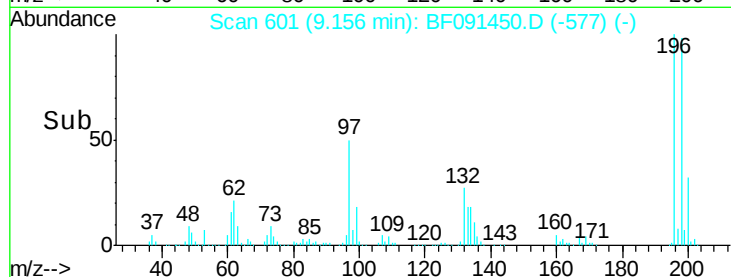
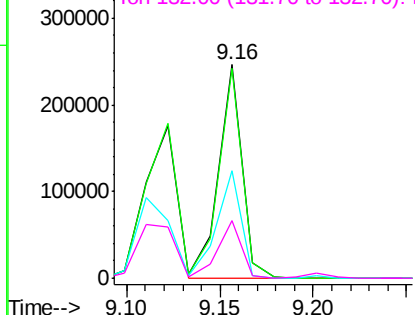
#43
2,4,5-Trichlorophenol
Concen: 45.57 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.03 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	196	Resp:	214915
Ion	Ratio	Lower	Upper
196	100		
198	98.3	77.0	115.6
97	50.2	33.5	50.3
132	27.2	20.5	30.7

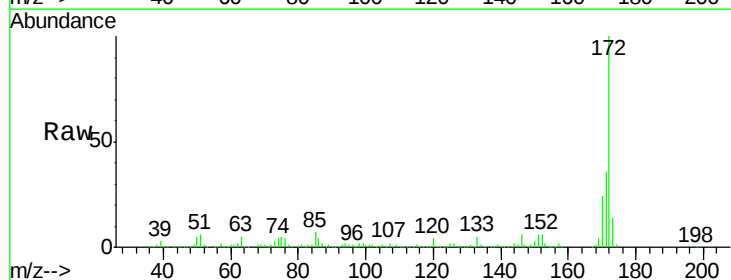


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

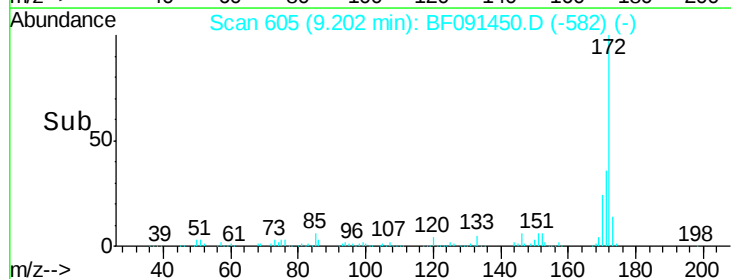
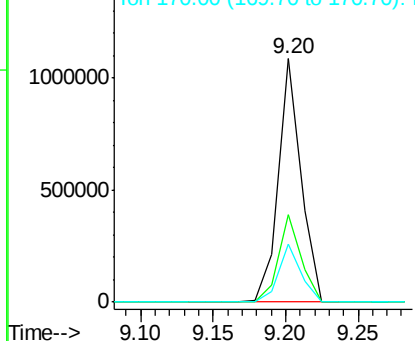


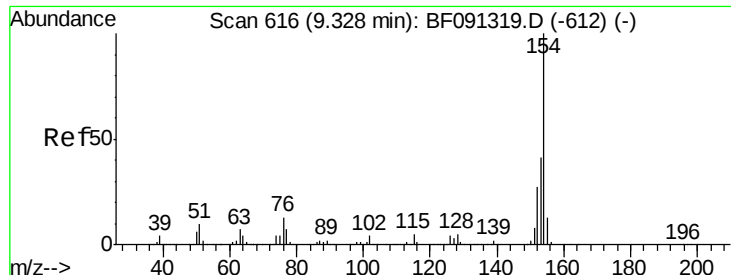
#44
2-Fluorobiphenyl
Concen: 82.85 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion:	172	Resp:	1175176
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.8	19.7	29.5



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

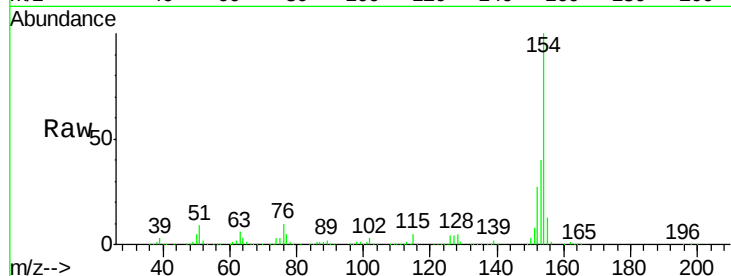




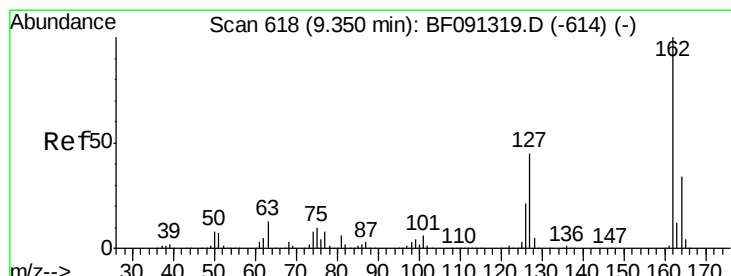
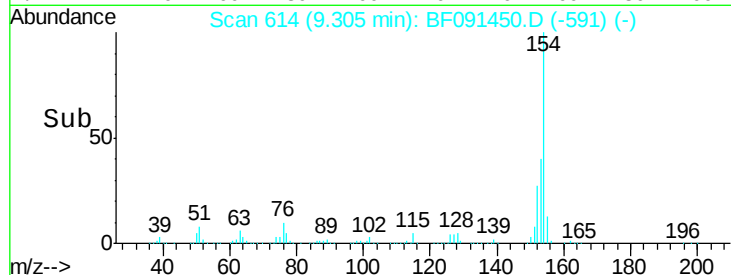
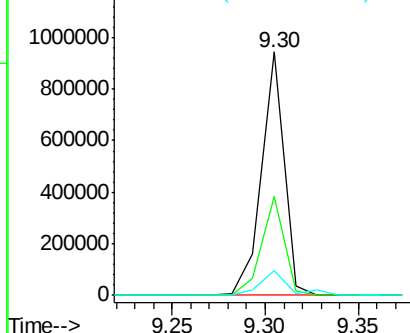
#45
 1,1'-Biphenyl
 Concen: 42.74 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:154 Resp: 789238
 Ion Ratio Lower Upper
 154 100
 153 40.5 20.6 60.6
 76 10.4 0.0 36.6

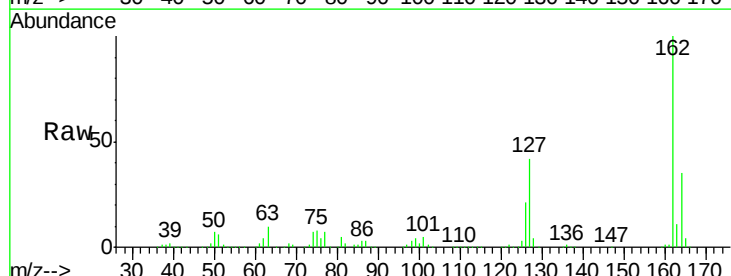


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

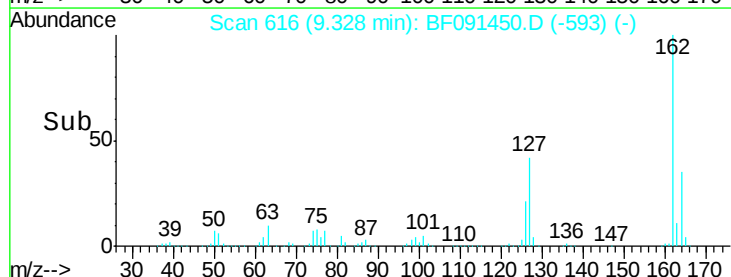
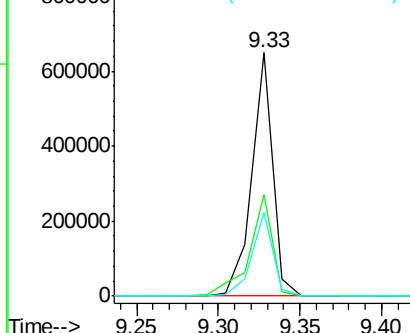


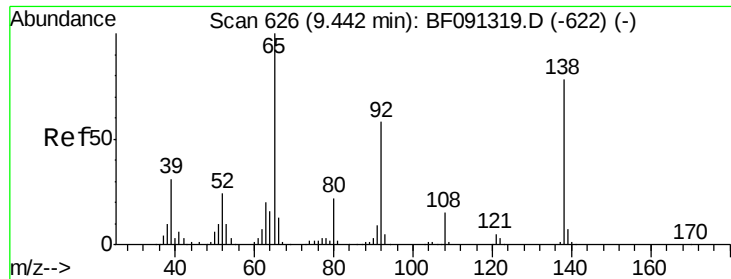
#46
 2-Chloronaphthalene
 Concen: 42.02 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Tgt Ion:162 Resp: 577938
 Ion Ratio Lower Upper
 162 100
 127 41.6 34.3 51.5
 164 34.6 26.6 40.0



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

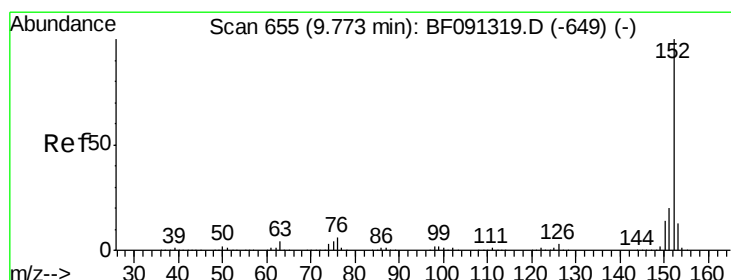
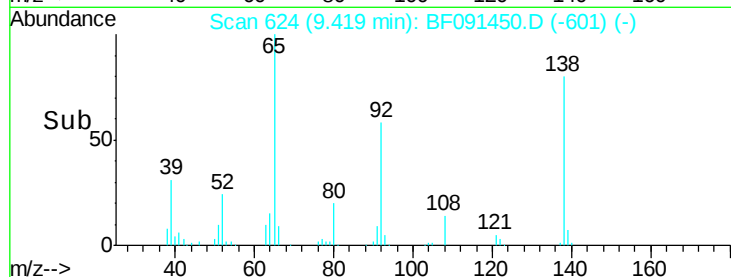
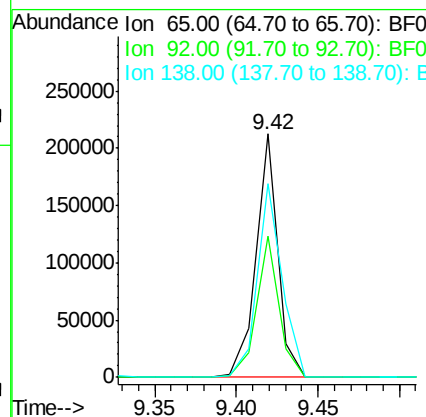
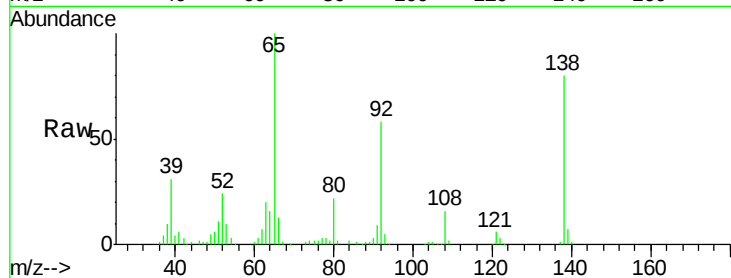




#47
2-Nitroaniline
Concen: 39.96 ng
RT: 9.42 min Scan# 624
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

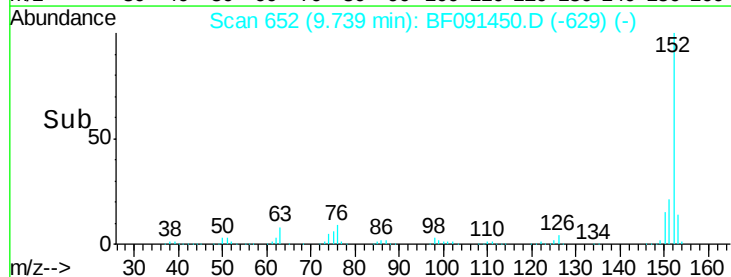
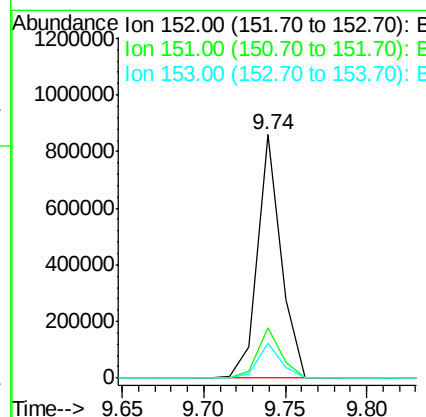
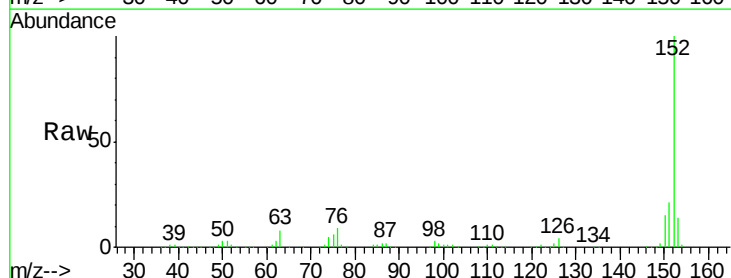
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

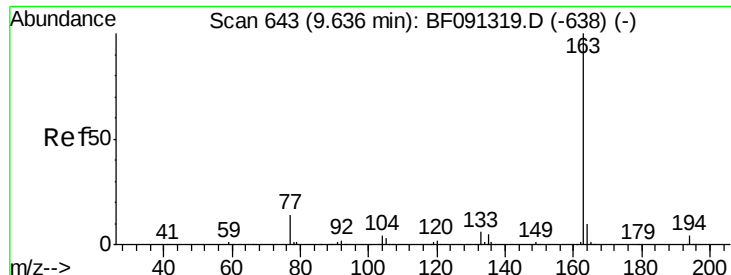
Tot Ion: 65 Resp: 197379
Ion Ratio Lower Upper
65 100
92 57.8 53.6 80.4
138 79.6 91.0 136.6#



#48
Acenaphthylene
Concen: 39.78 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion: 152 Resp: 861222
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 14.5 10.7 16.1

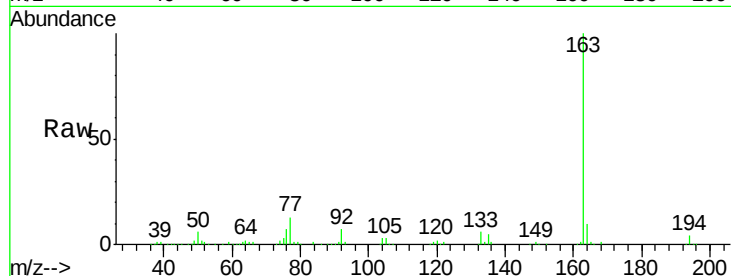




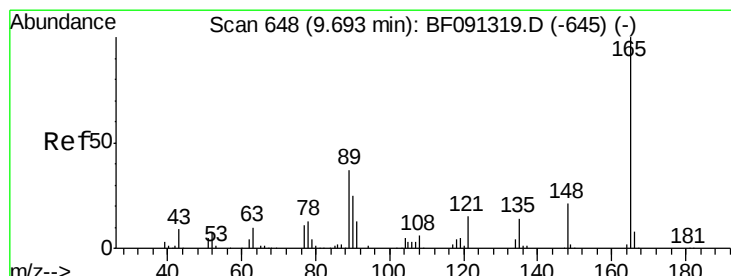
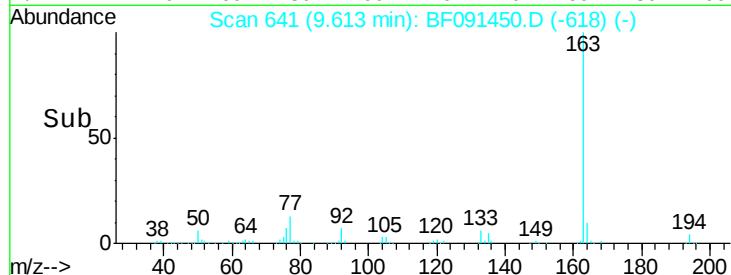
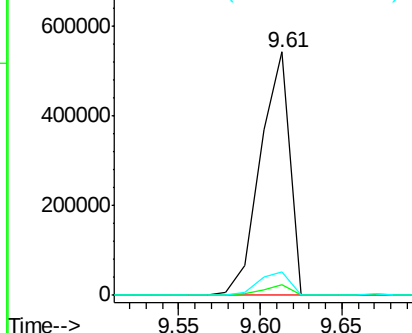
#49
Dimethylphthalate
Concen: 43.42 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 675297
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 9.9 7.8 11.8

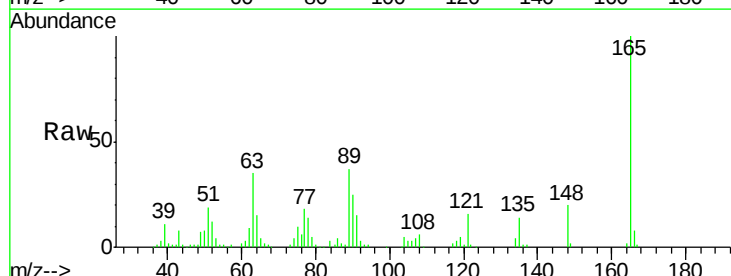


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

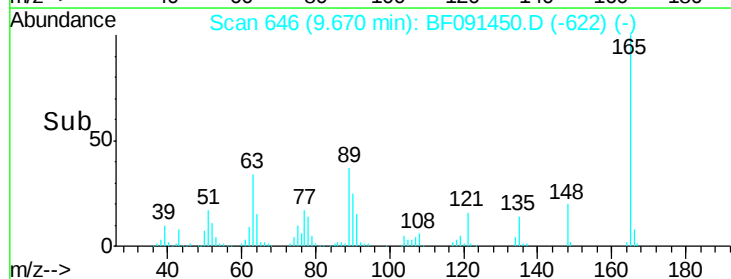
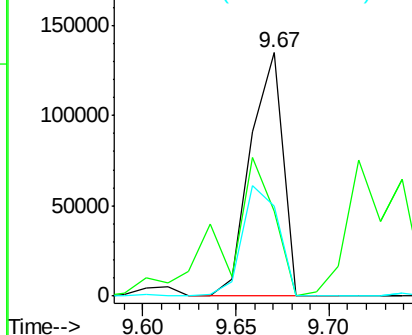


#50
2,6-Dinitrotoluene
Concen: 46.47 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.03 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion:165 Resp: 161537
Ion Ratio Lower Upper
165 100
63 34.6 59.4 89.0#
89 37.2 50.8 76.2#



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





#51

Acenaphthene

Concen: 40.62 ng

RT: 9.91 min Scan# 667

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

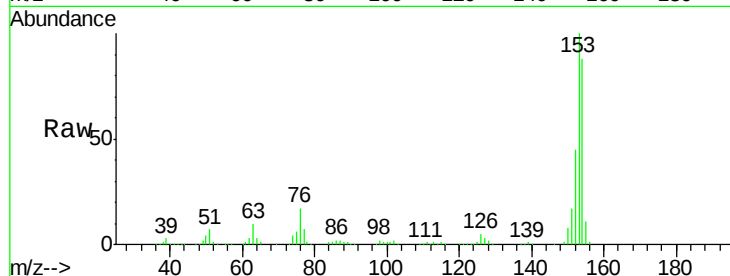
Tot Ion:154 Resp: 593232

Ion Ratio Lower Upper

154 100

153 113.4 91.0 136.6

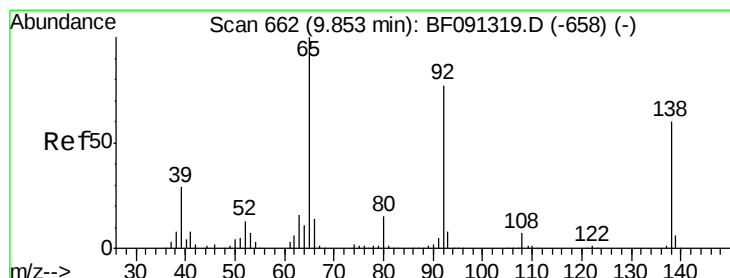
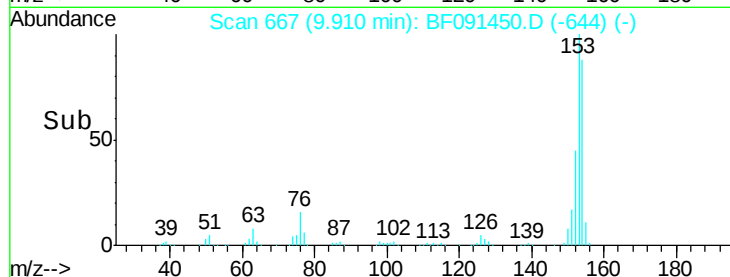
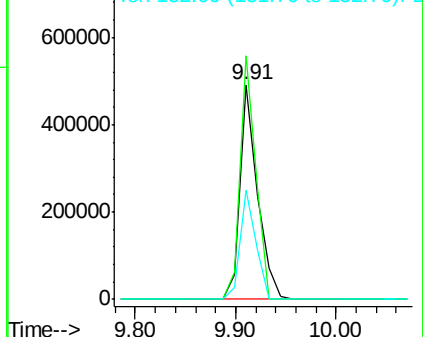
152 51.1 44.2 66.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.26 ng

RT: 9.83 min Scan# 660

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

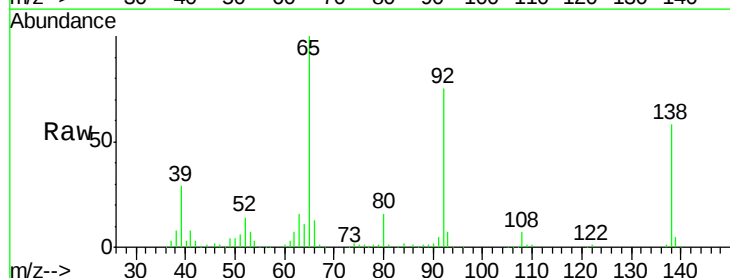
Tgt Ion:138 Resp: 149917

Ion Ratio Lower Upper

138 100

108 11.4 8.1 12.1

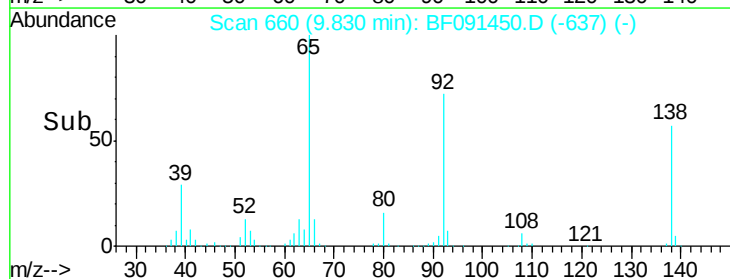
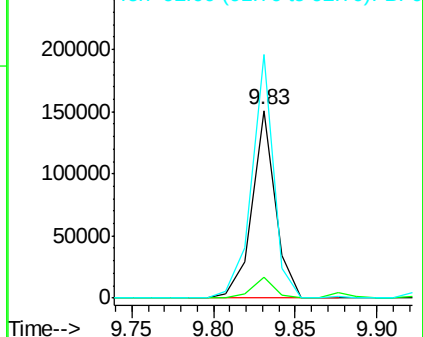
92 129.8 92.5 138.7

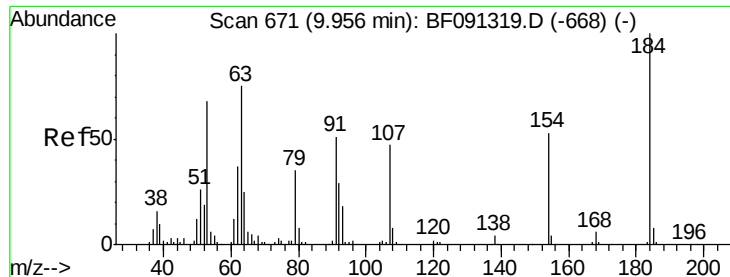


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

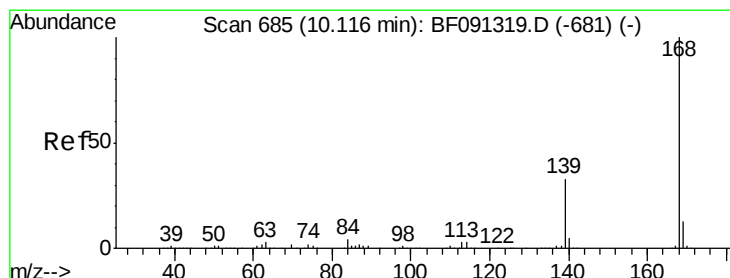
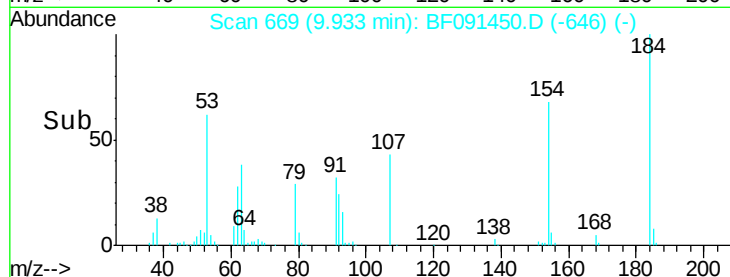
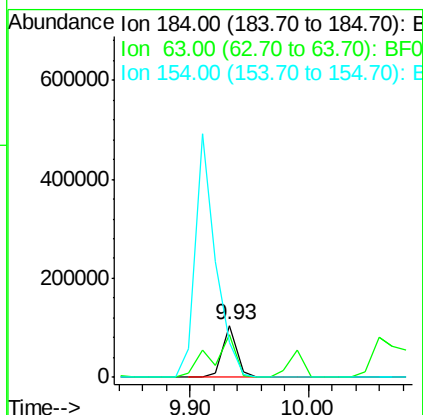
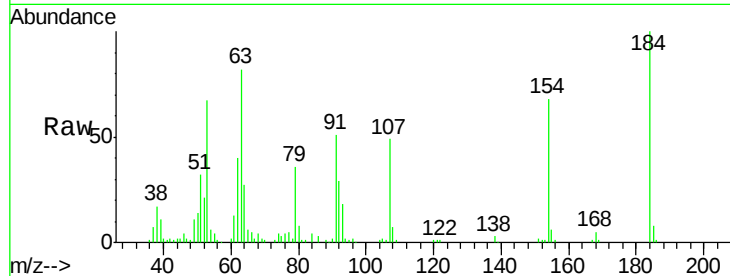




#53
2,4-Dinitrophenol
Concen: 57.89 ng
RT: 9.93 min Scan# 669
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

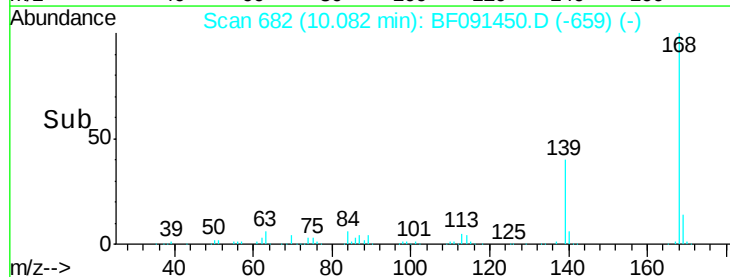
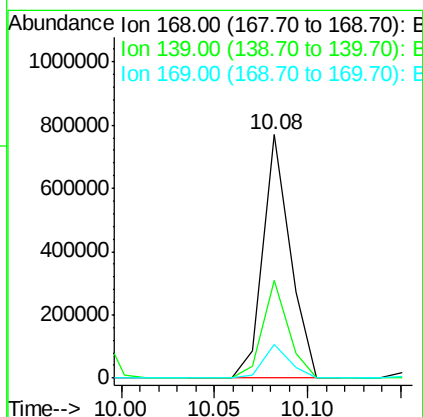
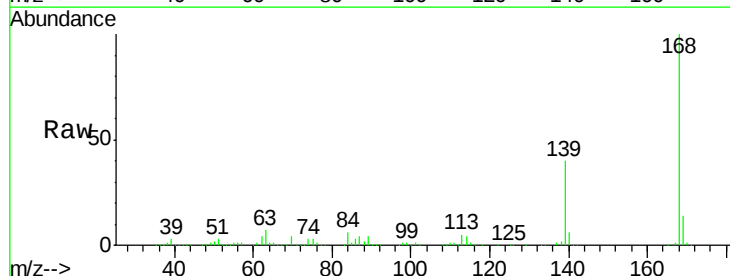
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 87998
Ion Ratio Lower Upper
184 100
63 82.4 58.3 87.5
154 67.8 48.6 73.0



#54
Dibenzofuran
Concen: 39.59 ng
RT: 10.08 min Scan# 682
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion:168 Resp: 774097
Ion Ratio Lower Upper
168 100
139 40.1 33.4 50.2
169 13.6 11.1 16.7

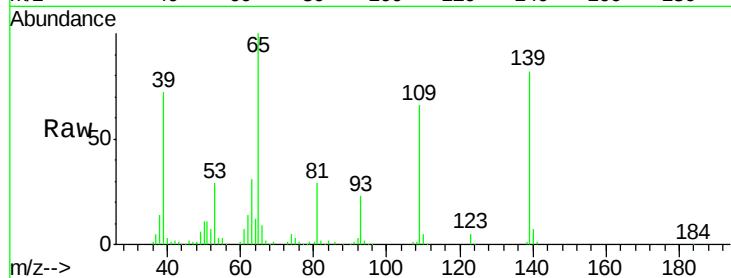




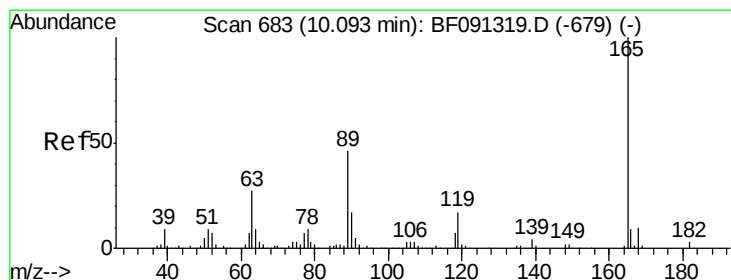
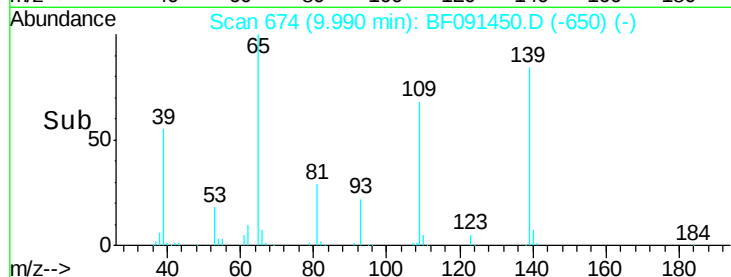
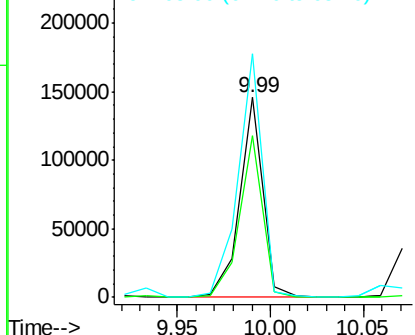
#55
4-Nitrophenol
Concen: 43.84 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 127397
Ion Ratio Lower Upper
139 100
109 81.0 54.9 94.9
65 122.0 102.2 142.2

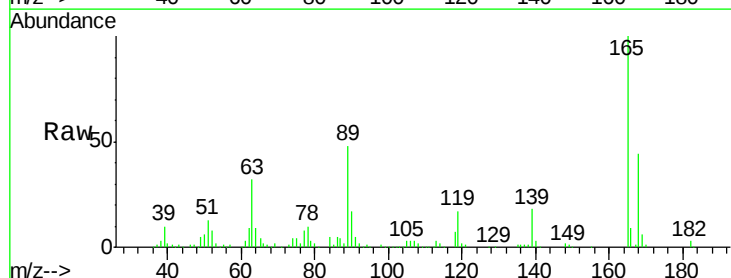


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

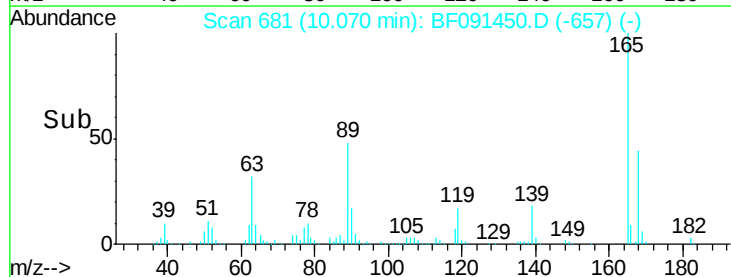
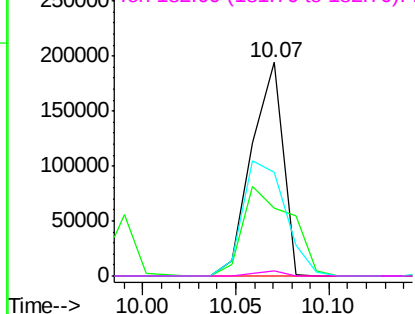


#56
2,4-Dinitrotoluene
Concen: 50.24 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion:165 Resp: 226503
Ion Ratio Lower Upper
165 100
63 32.0 29.0 43.4
89 48.4 43.1 64.7
182 2.6 1.9 2.9



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

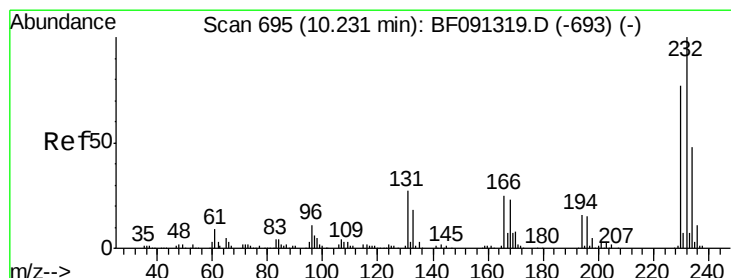
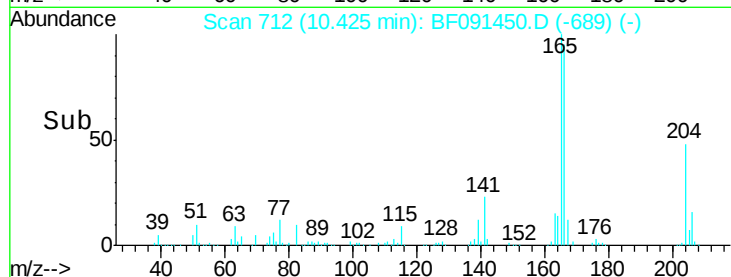
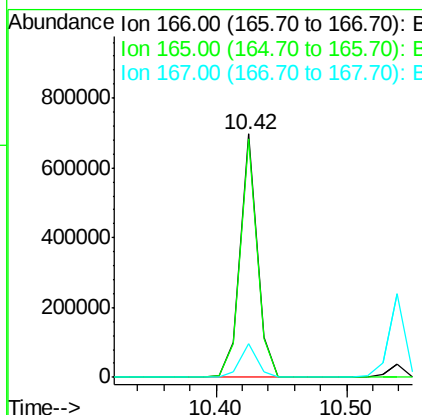
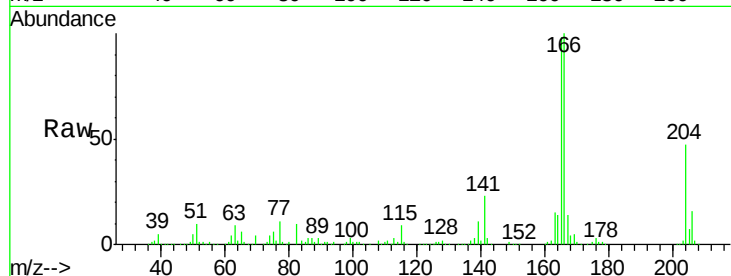




#57
Fluorene
 Concen: 41.93 ng
 RT: 10.42 min Scan# 712
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

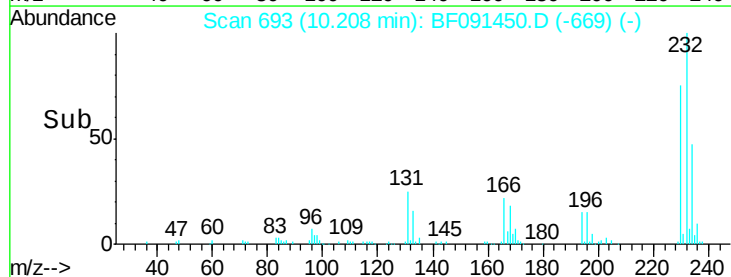
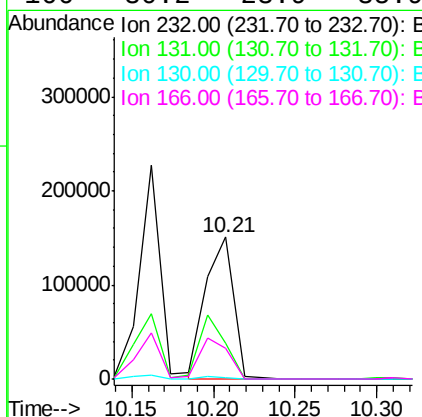
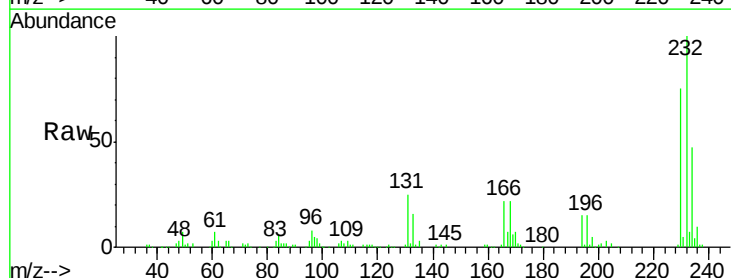
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

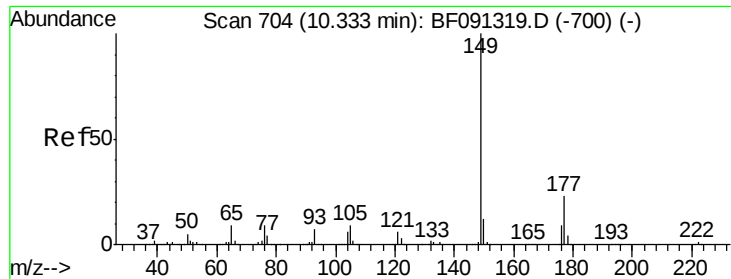
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	80.0	120.0
167	13.8	10.8	16.2



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.91 ng
 RT: 10.21 min Scan# 693
 Delta R.T. -0.03 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.2	38.4	57.6
130	2.0	1.8	2.8
166	30.2	23.9	35.9

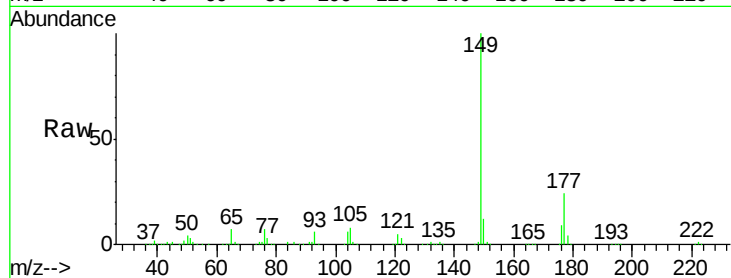




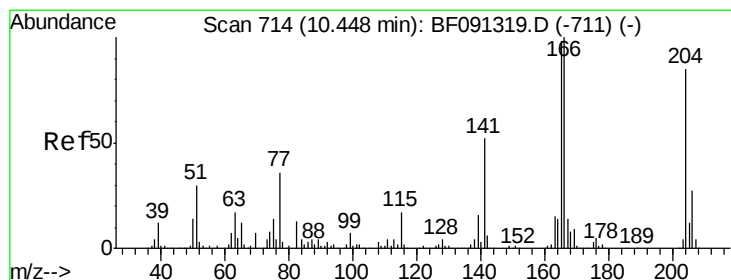
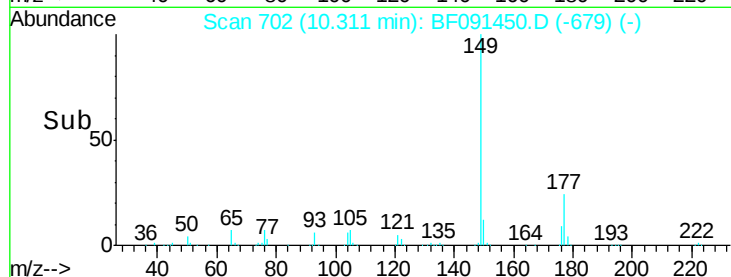
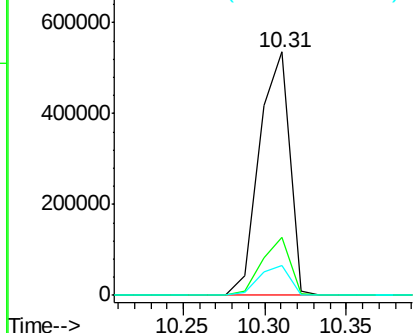
#59
Diethylphthalate
Concen: 44.98 ng
RT: 10.31 min Scan# 702
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 690419
Ion Ratio Lower Upper
149 100
177 23.9 15.7 23.5#
150 12.2 10.2 15.2

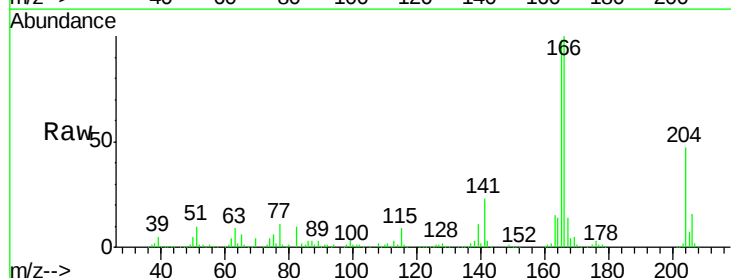


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

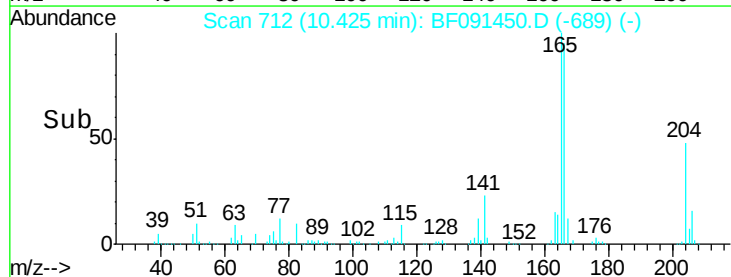
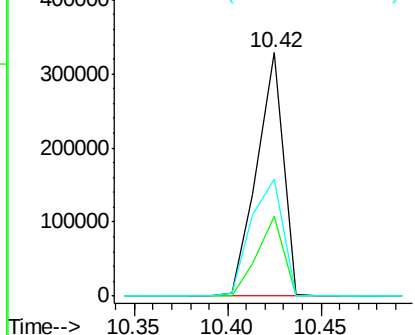


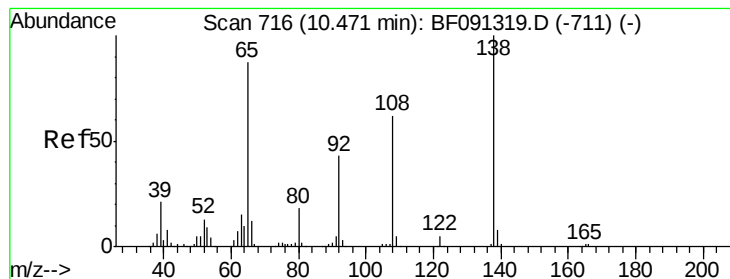
#60
4-Chlorophenyl-phenylether
Concen: 43.01 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion:204 Resp: 323844
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 47.9 40.6 61.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.24 ng/mL

RT: 10.45 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

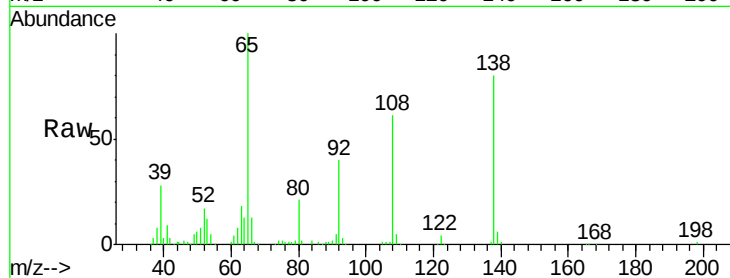
Tot Ion: 138 Resp: 182234

Ion Ratio Lower Upper

138 100

92 50.2 26.9 66.9

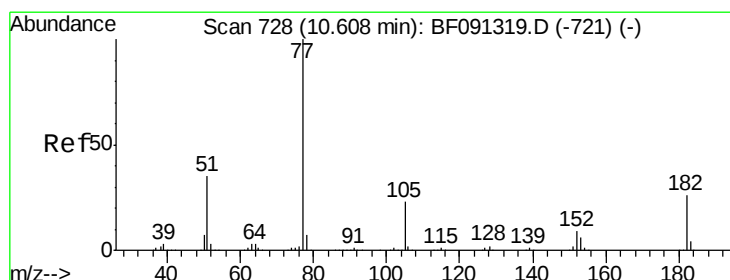
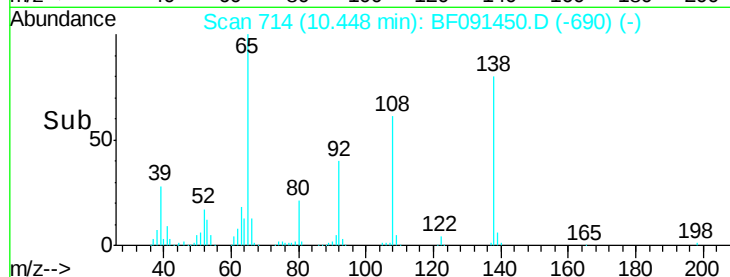
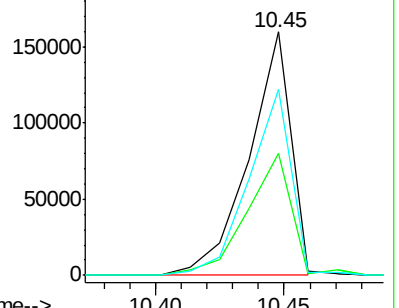
108 76.5 49.1 89.1



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.24 ng

RT: 10.58 min Scan# 726

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Tgt Ion: 77 Resp: 692941

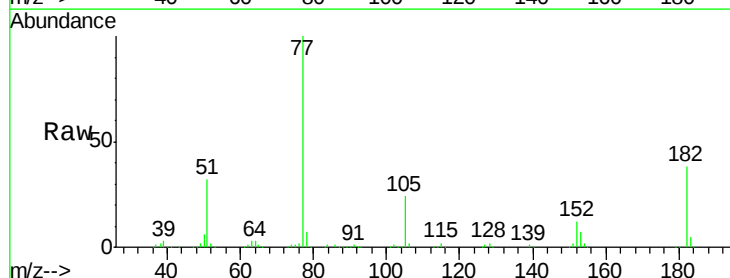
Ion Ratio Lower Upper

77 100

182 37.8 12.5 52.5

105 24.4 3.7 43.7

51 32.1 11.9 51.9

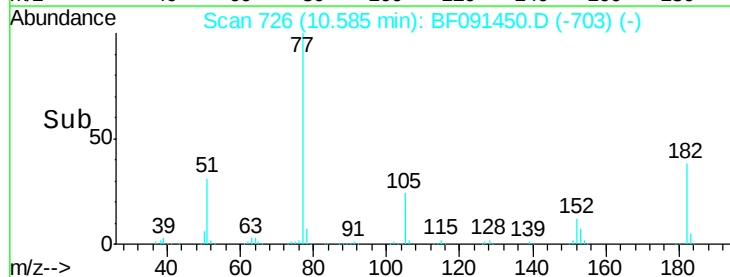
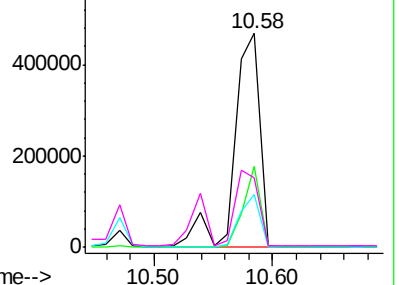


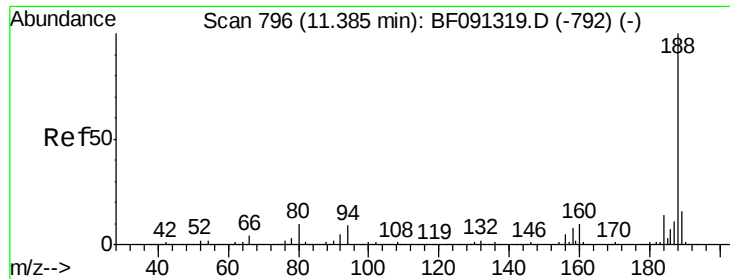
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

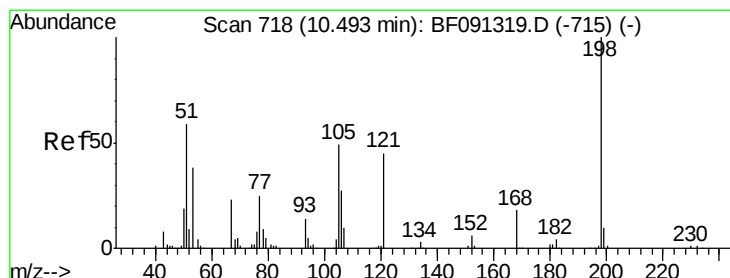
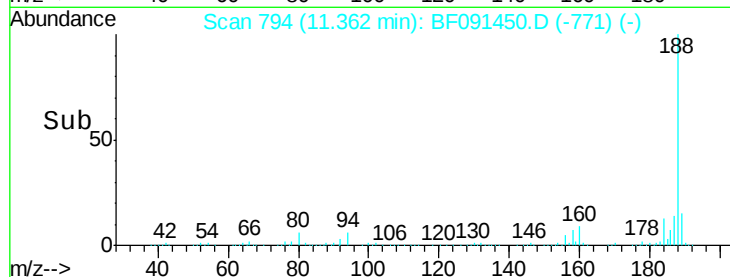
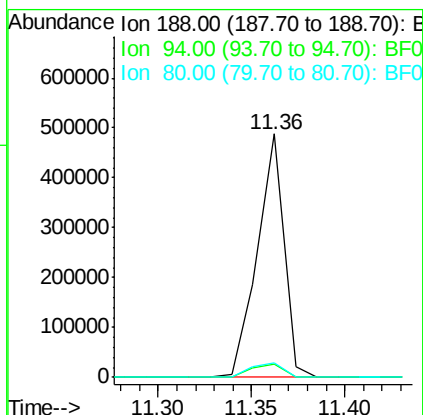
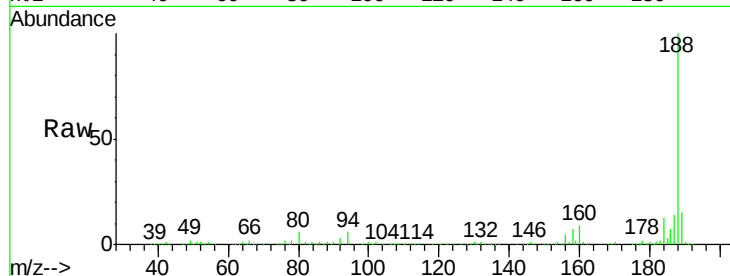




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 794
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

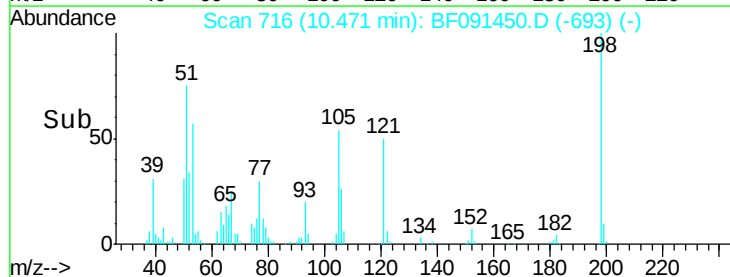
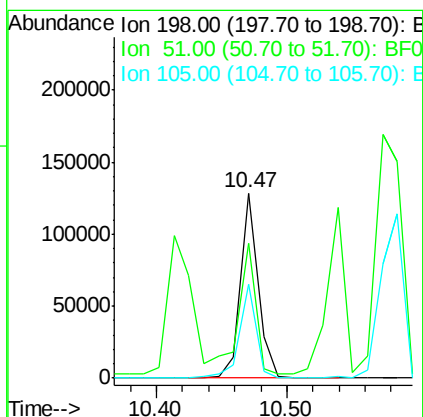
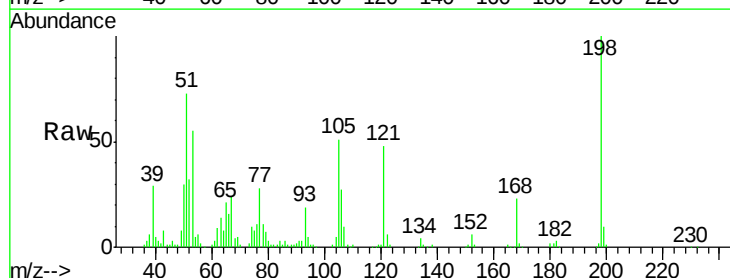
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

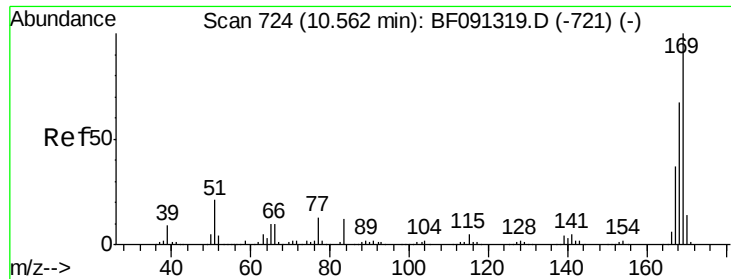
Tot Ion:188 Resp: 480762
 Ion Ratio Lower Upper
 188 100
 94 5.6 9.2 13.8#
 80 5.9 10.5 15.7#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.15 ng
 RT: 10.47 min Scan# 716
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Tgt Ion:198 Resp: 119597
 Ion Ratio Lower Upper
 198 100
 51 72.9 77.1 117.1#
 105 50.6 44.8 84.8





#65

n-Nitrosodiphenylamine

Concen: 38.98 ng

RT: 10.54 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Instrument :

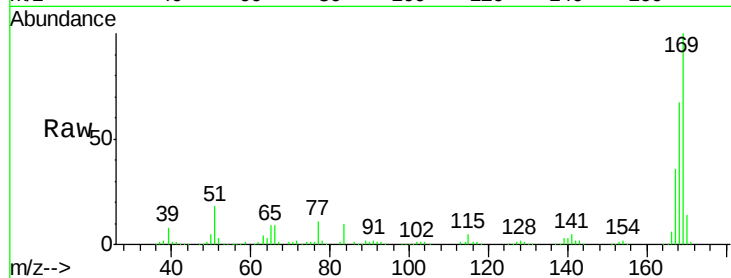
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:169 Resp: 568119

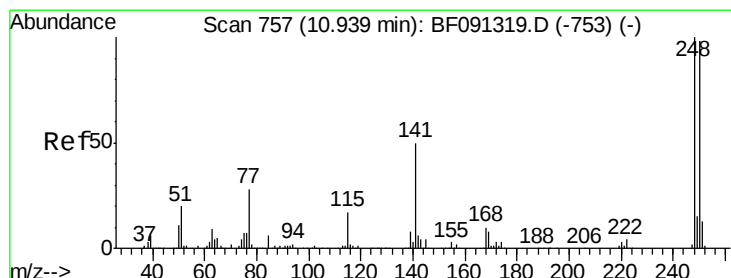
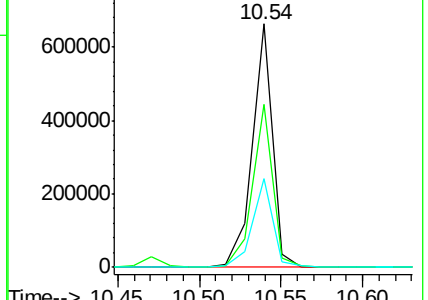
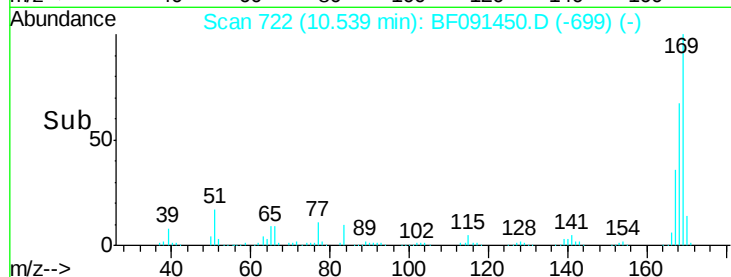
Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.8	80.8
167	36.2	29.8	44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.32 ng

RT: 10.90 min Scan# 754

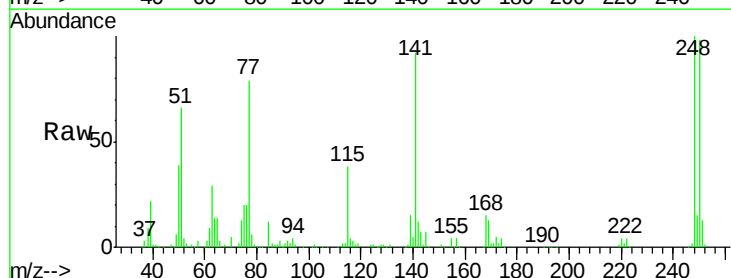
Delta R.T. -0.05 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Tgt Ion:248 Resp: 198040

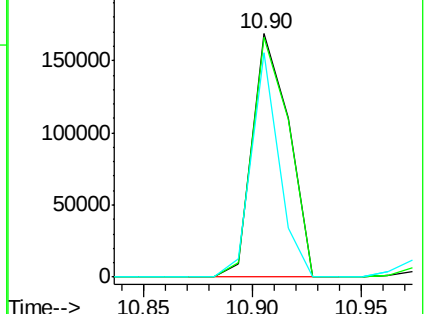
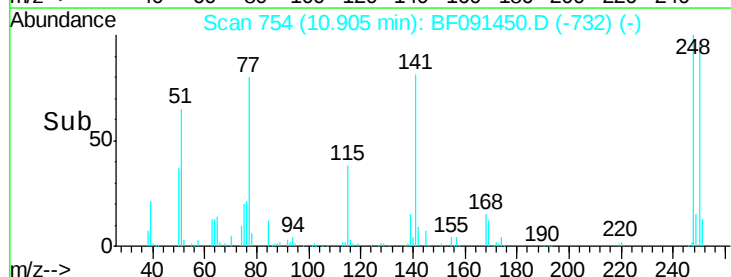
Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.2	117.4
141	92.3	71.9	107.9

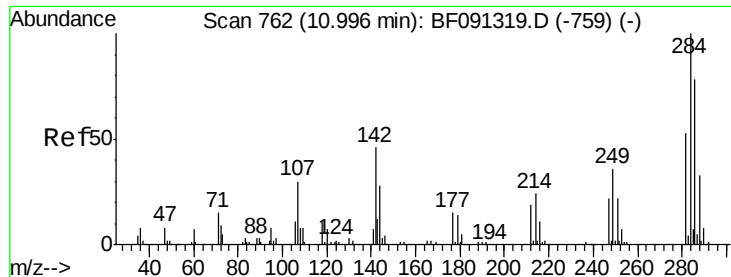


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

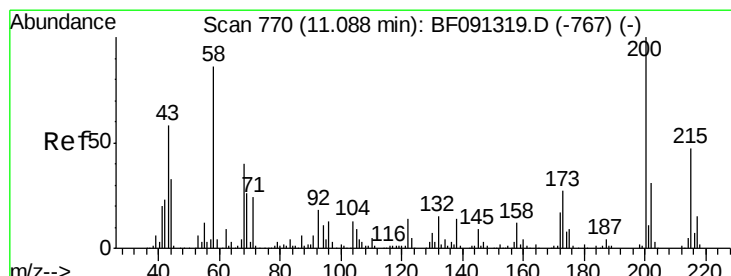
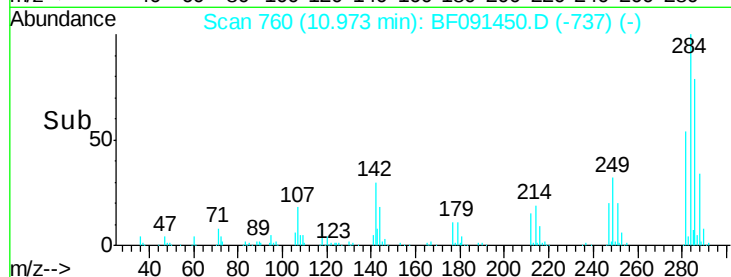
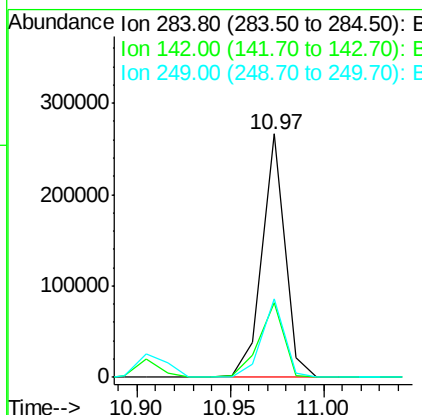
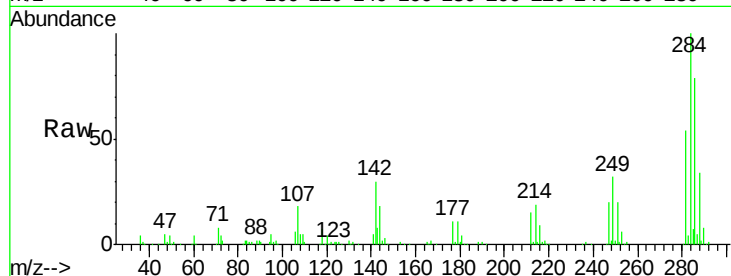




#67
Hexachlorobenzene
Concen: 40.19 ng
RT: 10.97 min Scan# 760
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

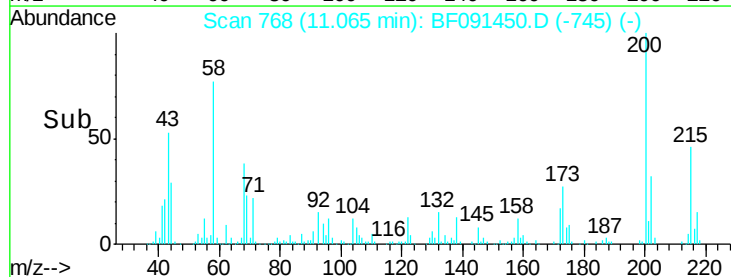
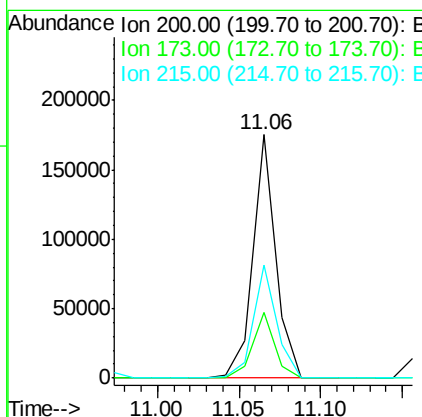
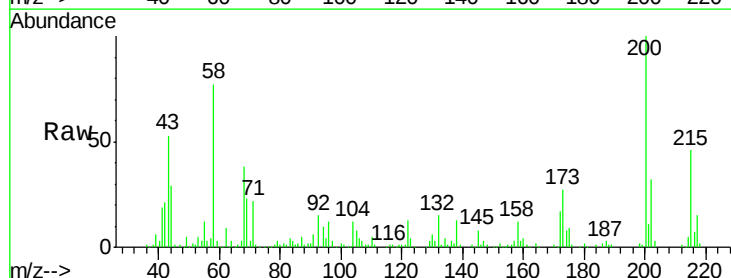
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

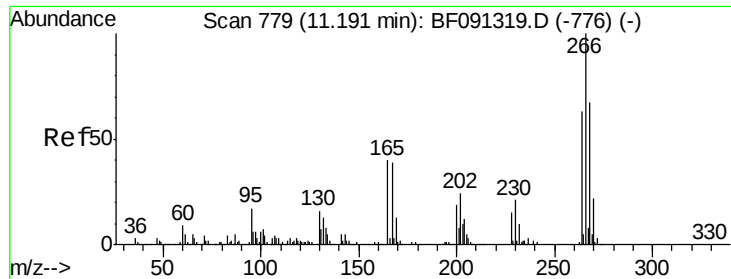
Tot Ion:284 Resp: 224412
Ion Ratio Lower Upper
284 100
142 30.5 17.9 26.9#
249 32.2 23.6 35.4



#68
Atrazine
Concen: 36.14 ng
RT: 11.06 min Scan# 768
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion:200 Resp: 170613
Ion Ratio Lower Upper
200 100
173 26.8 7.8 47.8
215 46.4 24.3 64.3

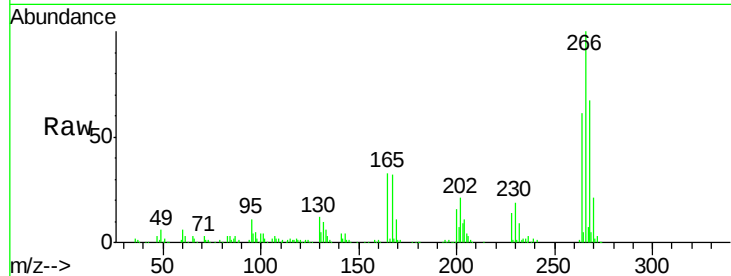




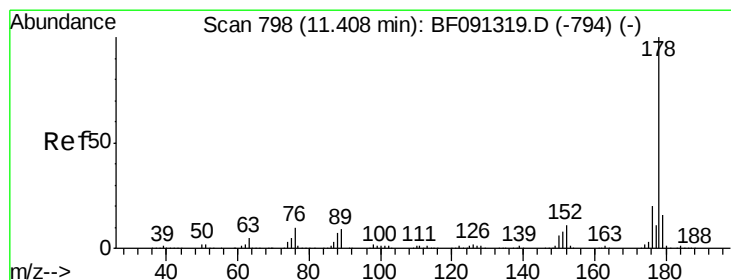
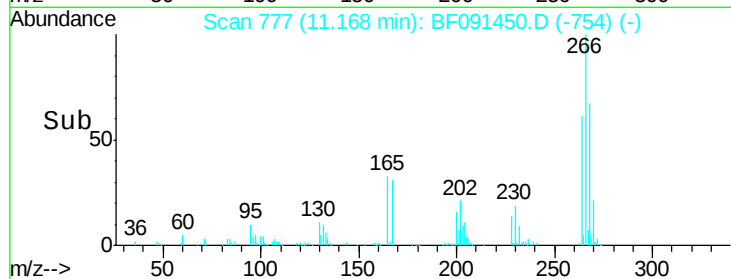
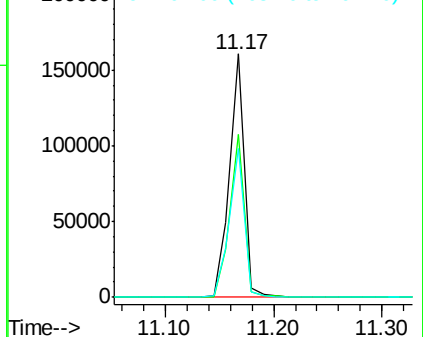
#69
 Pentachlorophenol
 Concen: 46.04 ng
 RT: 11.17 min Scan# 777
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 151333
 Ion Ratio Lower Upper
 266 100
 268 67.1 50.3 75.5
 264 61.2 48.2 72.2

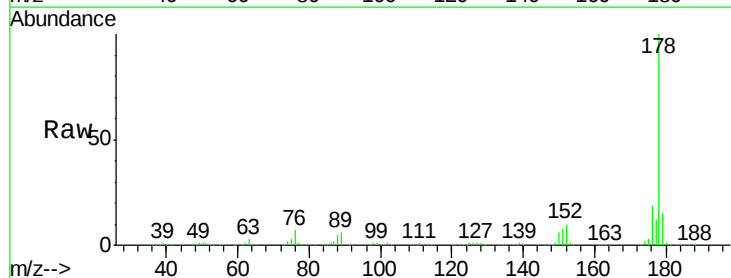


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

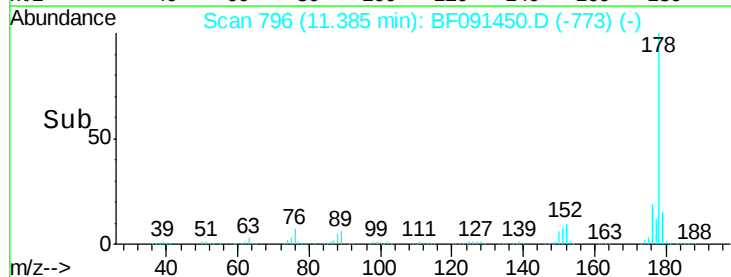
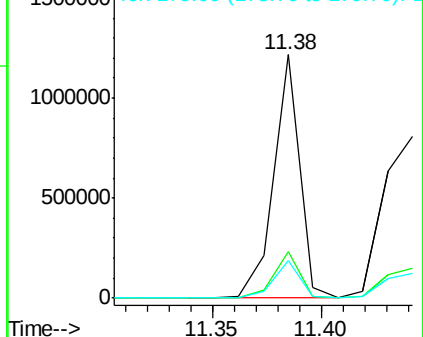


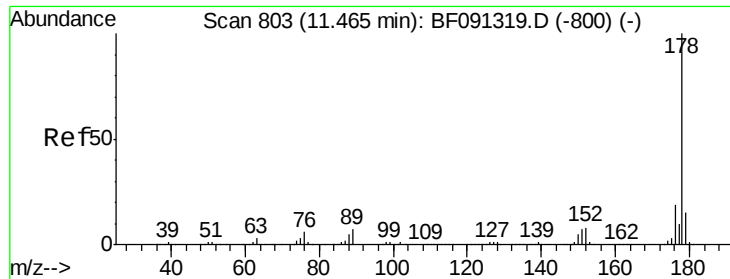
#70
 Phenanthrene
 Concen: 41.10 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Tgt Ion:178 Resp: 1026651
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.5 12.6 18.8



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

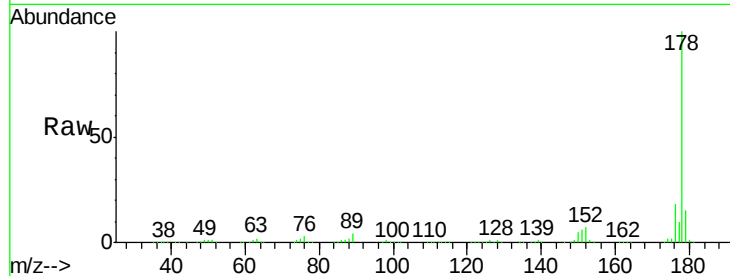




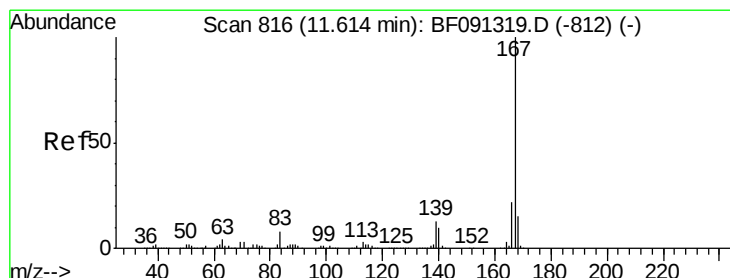
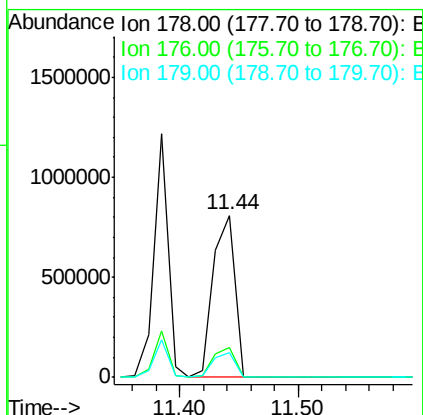
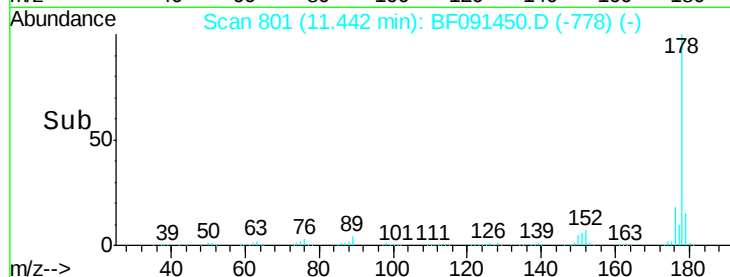
#71
 Anthracene
 Concen: 41.20 ng
 RT: 11.44 min Scan# 801
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1021495
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.6
 179 14.9 12.7 19.1

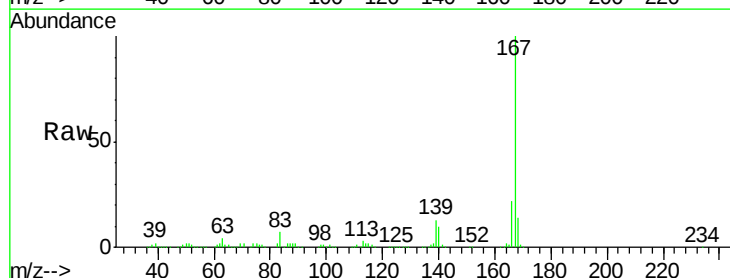


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

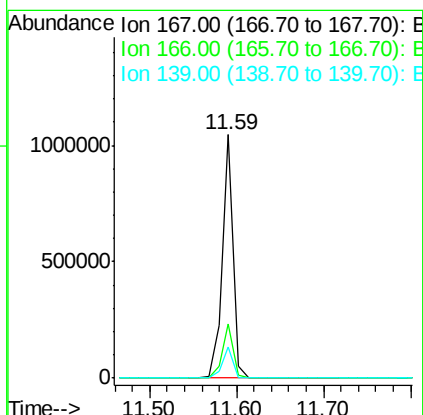
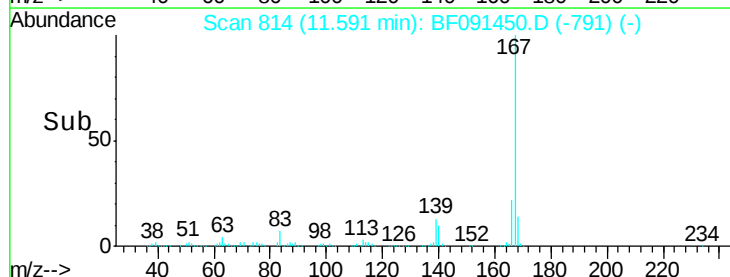


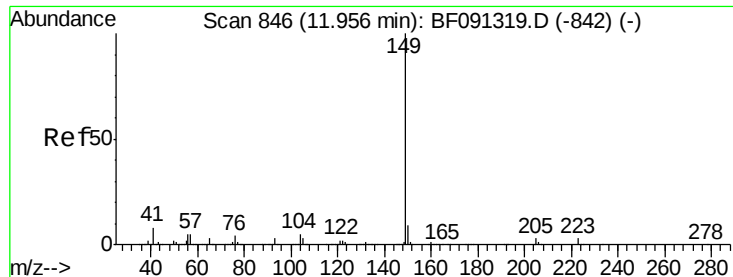
#72
 Carbazole
 Concen: 40.88 ng
 RT: 11.59 min Scan# 814
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Tgt Ion:167 Resp: 919718
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.8 11.5 17.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.19 ng

RT: 11.93 min Scan# 844

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

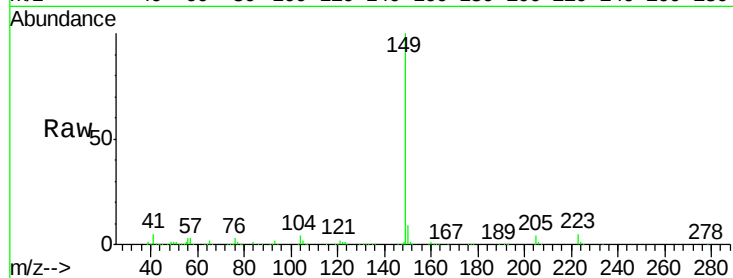
Tot Ion:149 Resp: 1024758

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

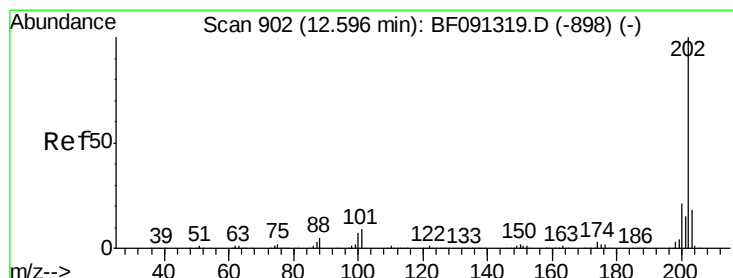
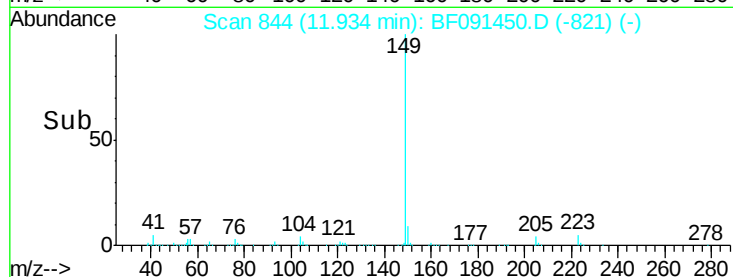
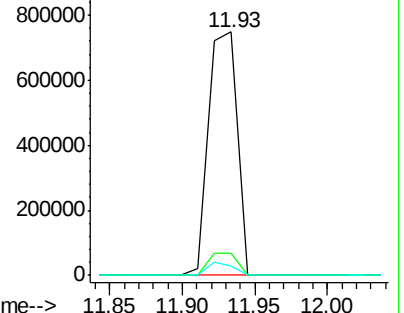
104 3.8 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.90 ng

RT: 12.57 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

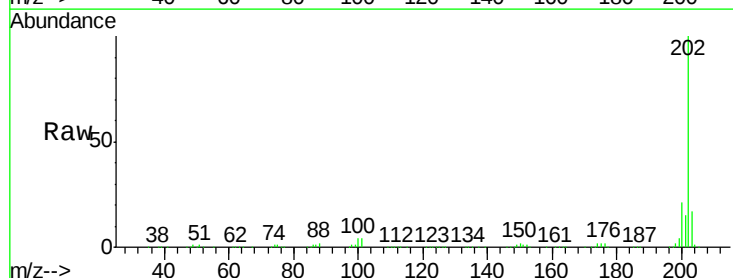
Tgt Ion:202 Resp: 1133507

Ion Ratio Lower Upper

202 100

101 4.4 0.0 29.5

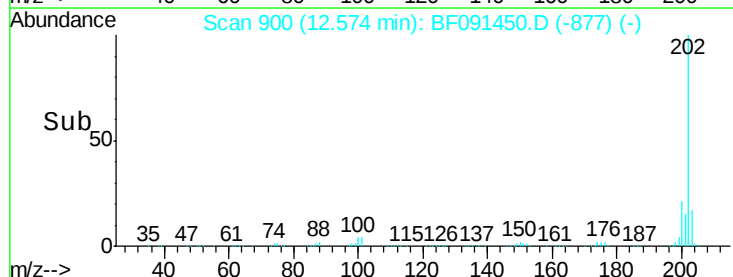
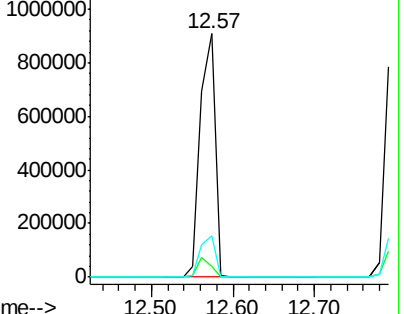
203 17.2 0.0 37.8

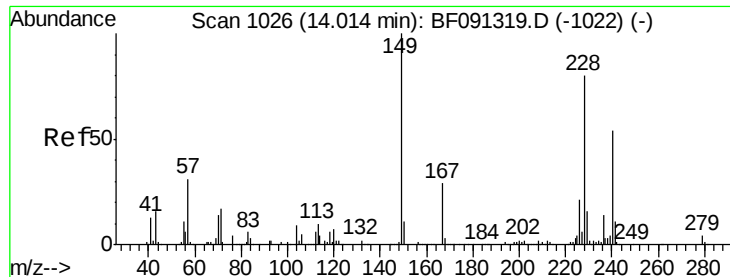


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

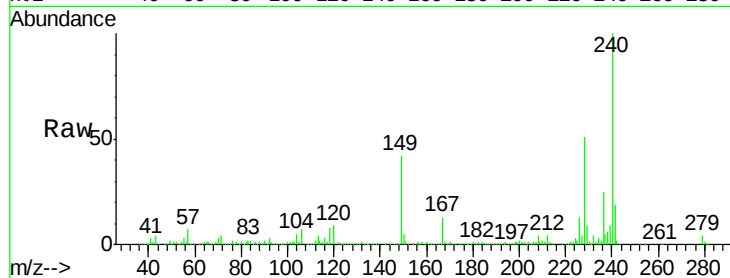
Tot Ion:240 Resp: 384885

Ion Ratio Lower Upper

240 100

120 8.9 12.1 18.1#

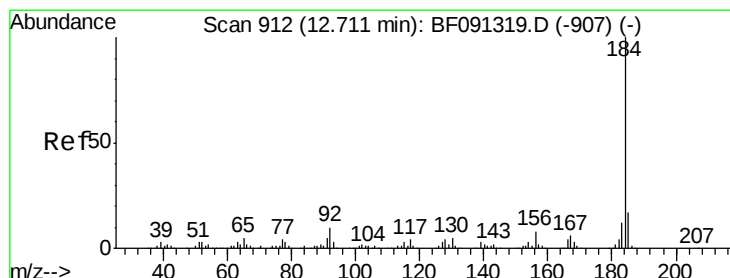
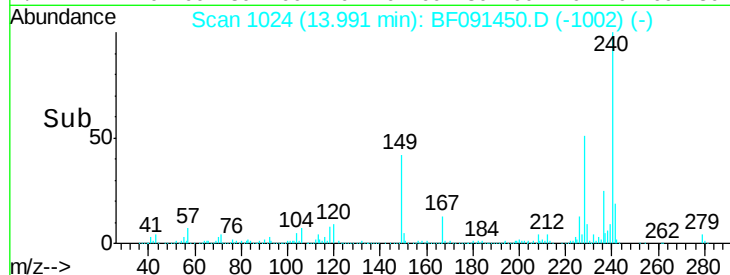
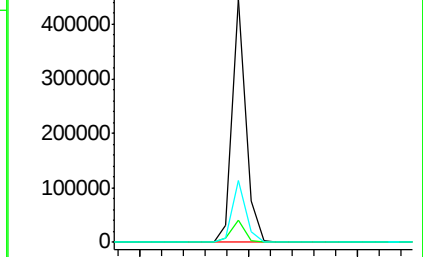
236 25.4 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.42 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

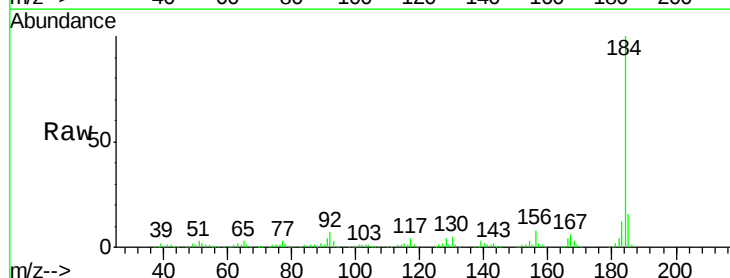
Tgt Ion:184 Resp: 377553

Ion Ratio Lower Upper

184 100

185 16.2 13.1 19.7

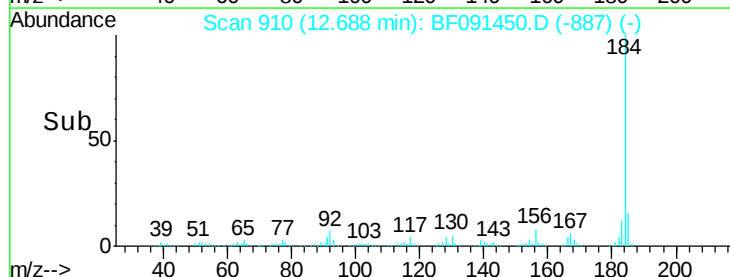
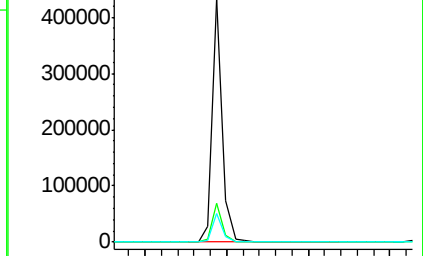
183 11.6 8.9 13.3

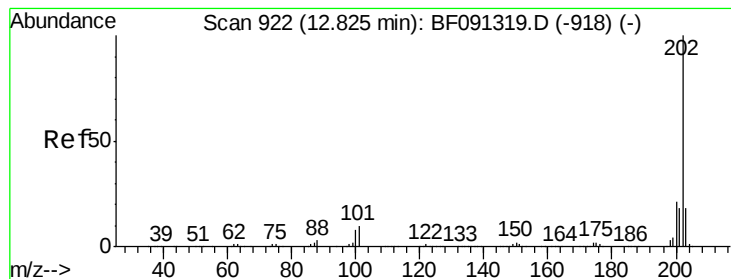


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.83 ng

RT: 12.79 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

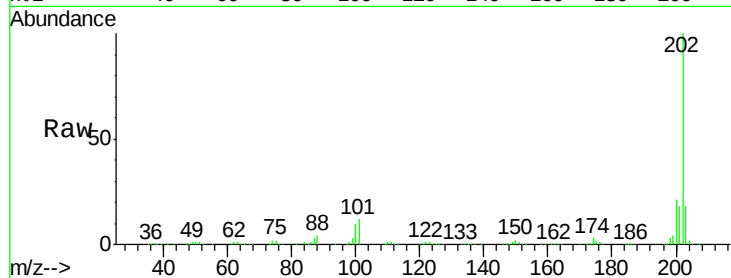
Tot Ion:202 Resp: 1105079

Ion Ratio Lower Upper

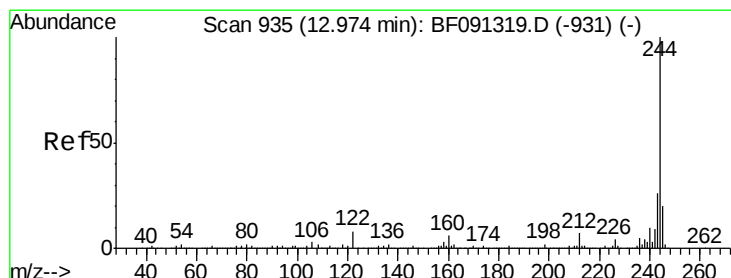
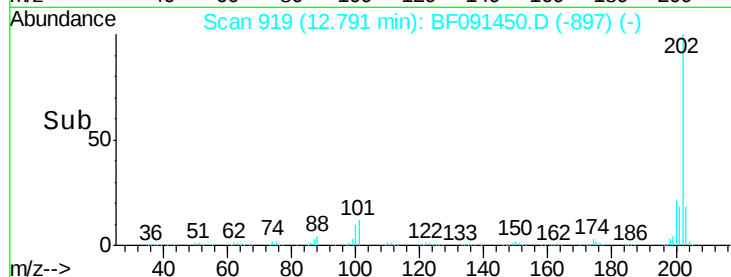
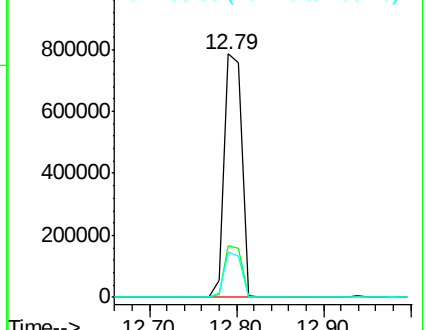
202 100

200 21.1 17.6 26.4

203 18.3 14.0 21.0



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



#78

Terphenyl-d14

Concen: 78.47 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.05 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

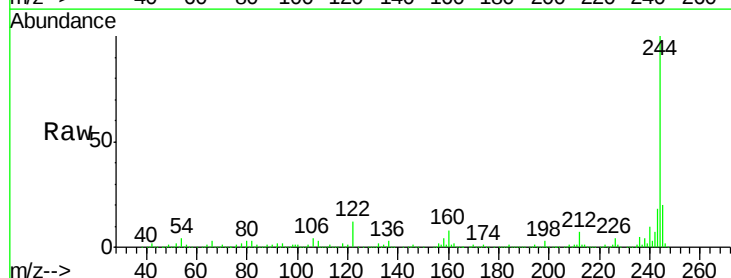
Tgt Ion:244 Resp: 1389602

Ion Ratio Lower Upper

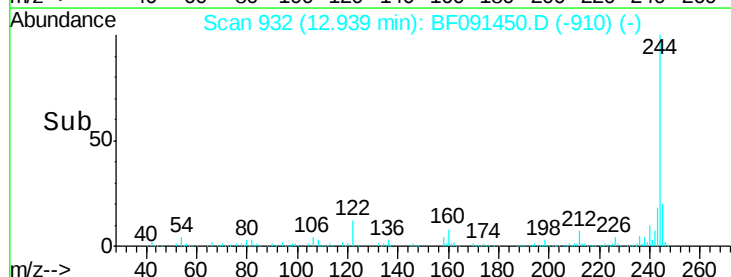
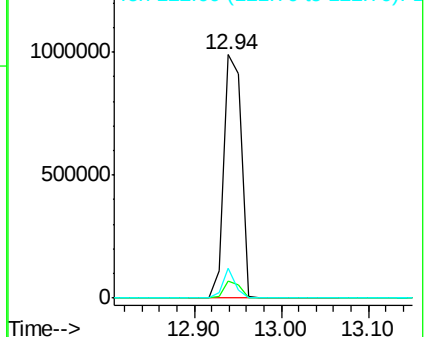
244 100

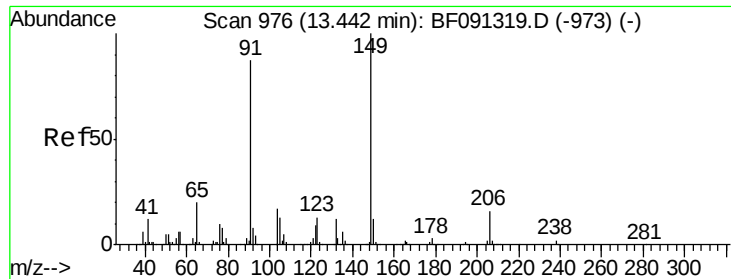
212 7.2 6.5 9.7

122 12.0 9.5 14.3



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

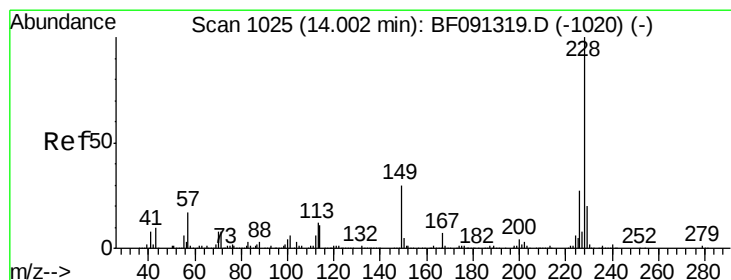
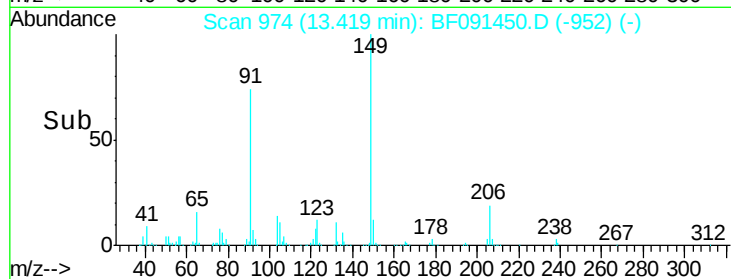
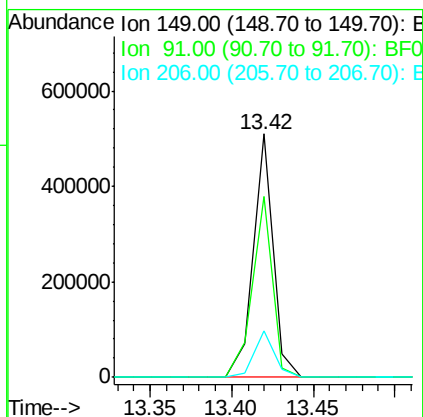
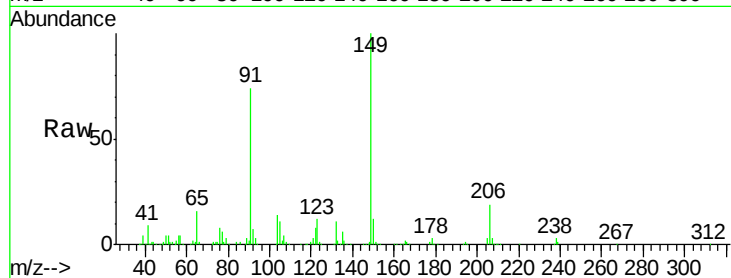




#79
Butylbenzylphthalate
Concen: 39.55 ng
RT: 13.42 min Scan# 974
Delta R.T. -0.05 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

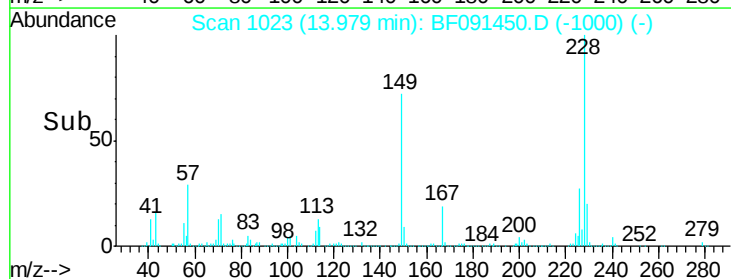
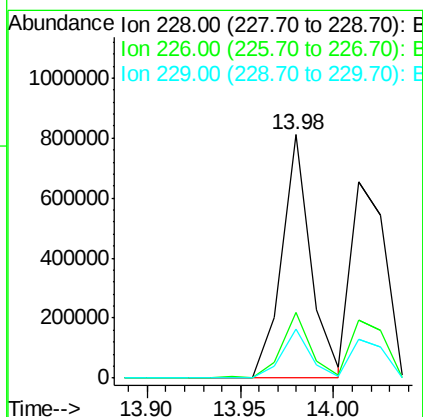
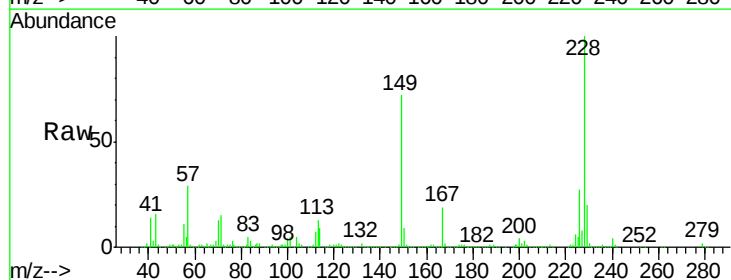
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

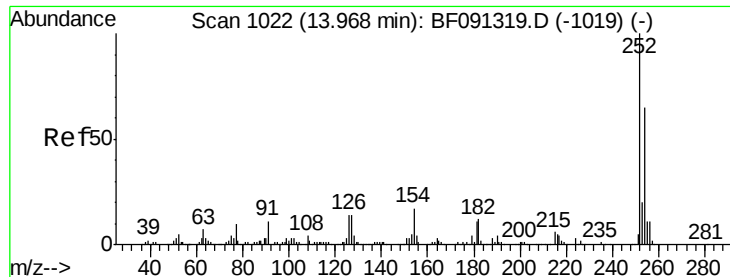
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.1	57.4	86.2
206	19.2	15.4	23.2



#80
Benzo(a)anthracene
Concen: 38.96 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.04 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.5	33.7
229	20.0	16.4	24.6

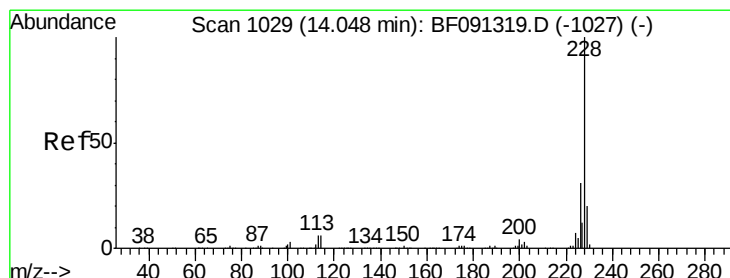
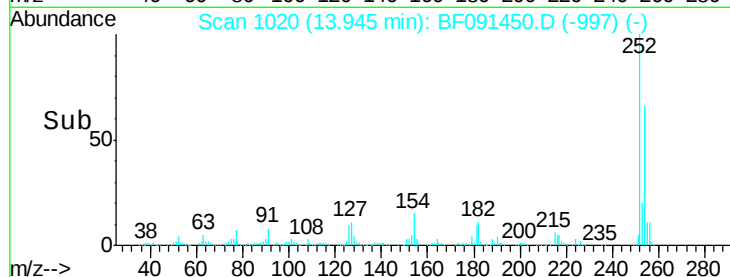
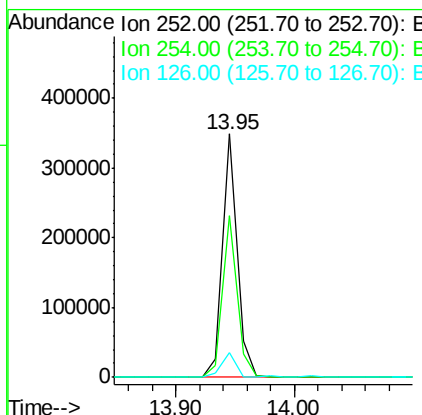
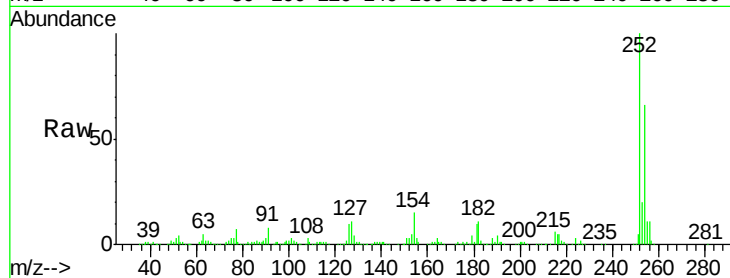




#81
 3,3'-Dichlorobenzidine
 Concen: 37.42 ng
 RT: 13.95 min Scan# 1020
 Delta R.T. -0.04 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

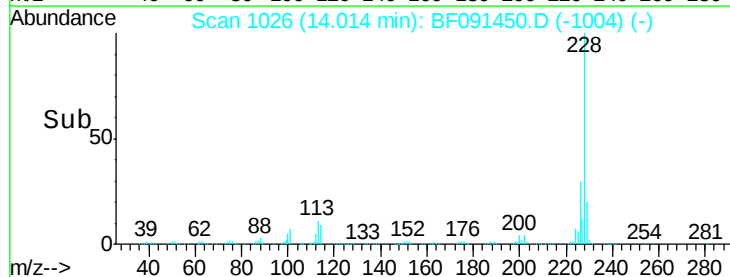
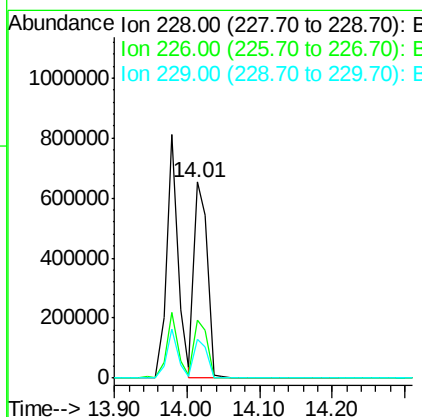
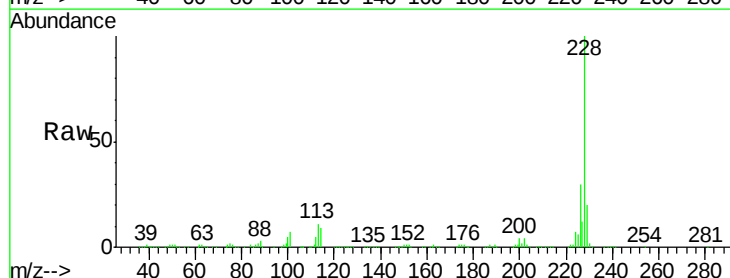
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:252 Resp: 296744
 Ion Ratio Lower Upper
 252 100
 254 66.4 52.1 78.1
 126 10.4 7.5 11.3



#82
 Chrysene
 Concen: 37.60 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.05 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Tgt Ion:228 Resp: 837425
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.0 37.4
 229 19.7 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.84 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.05 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

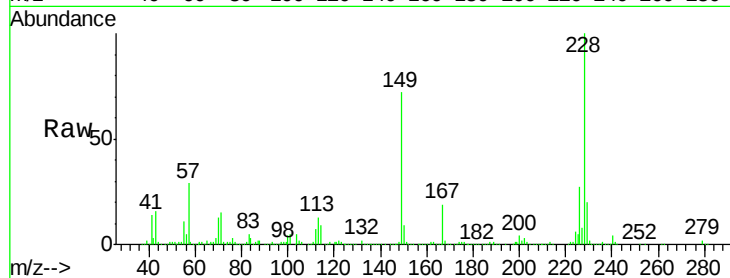
Tot Ion:149 Resp: 552365

Ion Ratio Lower Upper

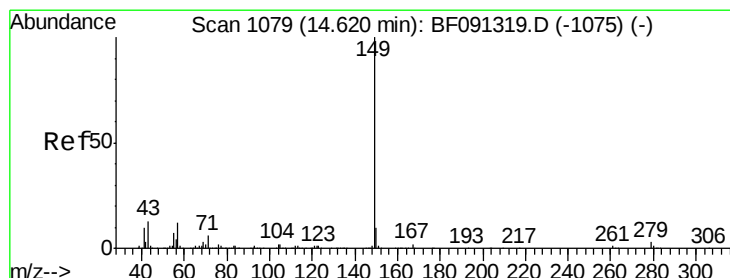
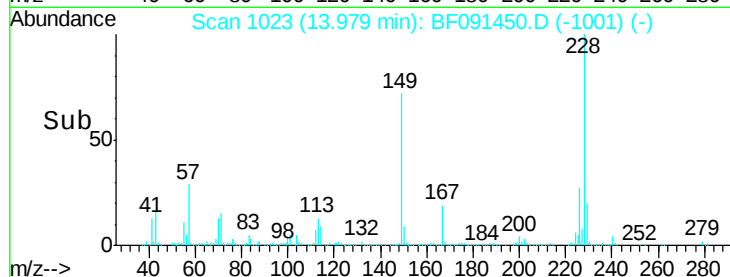
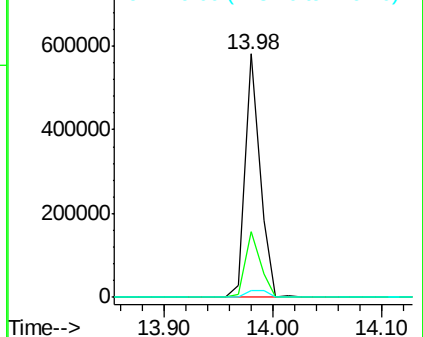
149 100

167 26.7 19.6 29.4

279 2.7 1.9 2.9



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



#84

Di-n-octyl phthalate

Concen: 40.90 ng

RT: 14.60 min Scan# 1077

Delta R.T. -0.04 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

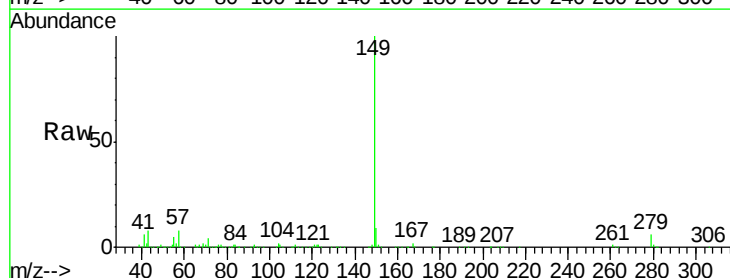
Tgt Ion:149 Resp: 857932

Ion Ratio Lower Upper

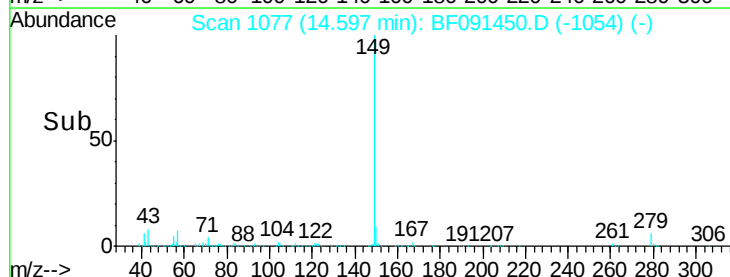
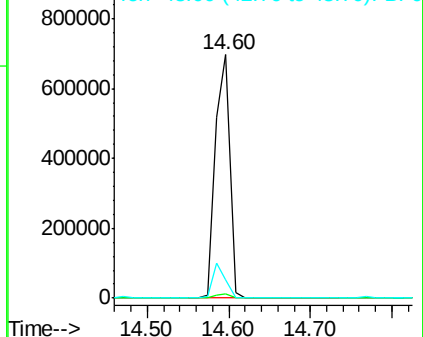
149 100

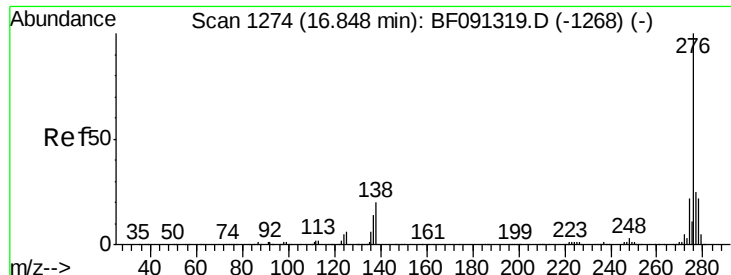
167 1.5 1.3 1.9

43 12.9 11.9 17.9



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

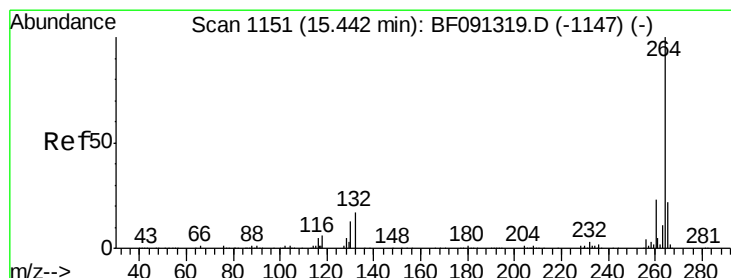
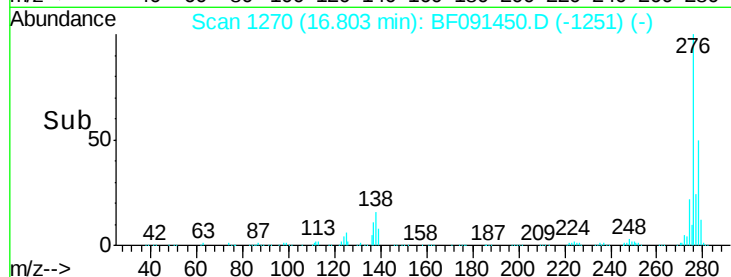
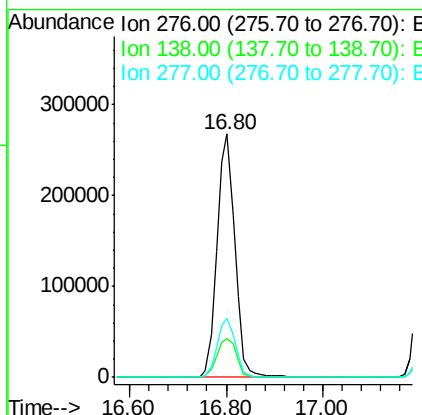
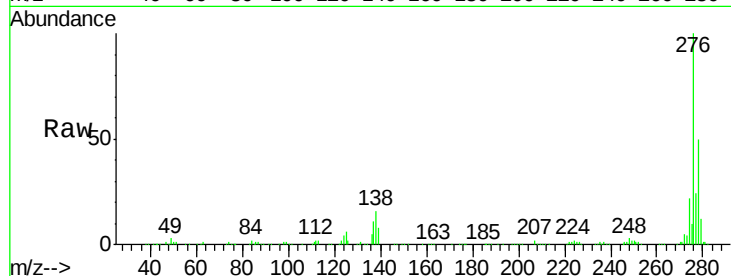




#85
Indeno(1,2,3-cd)pyrene
Concen: 34.19 ng
RT: 16.80 min Scan# 1270
Delta R.T. -0.09 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

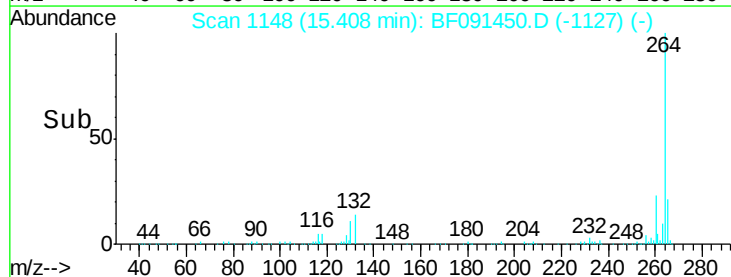
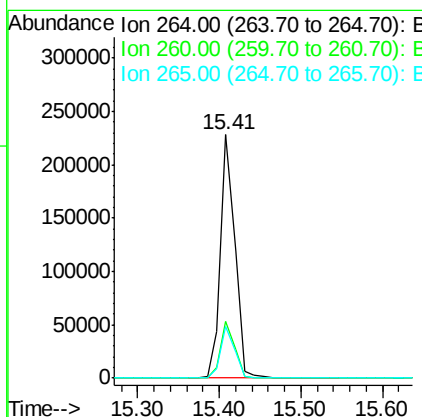
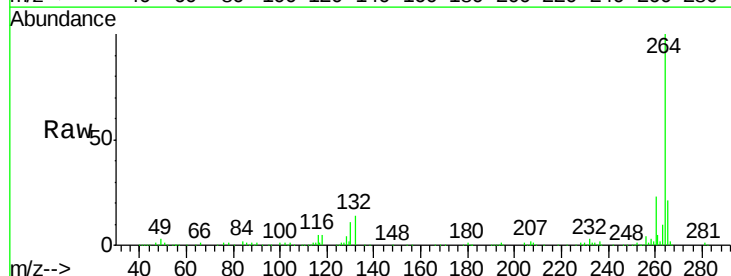
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

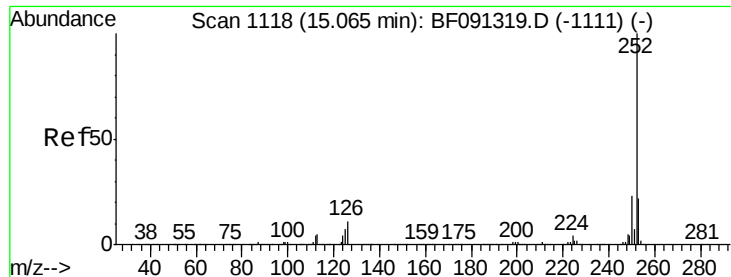
Tot Ion:276 Resp: 697275
Ion Ratio Lower Upper
276 100
138 17.6 21.0 31.4#
277 24.9 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion:264 Resp: 277766
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.4 17.0 25.6

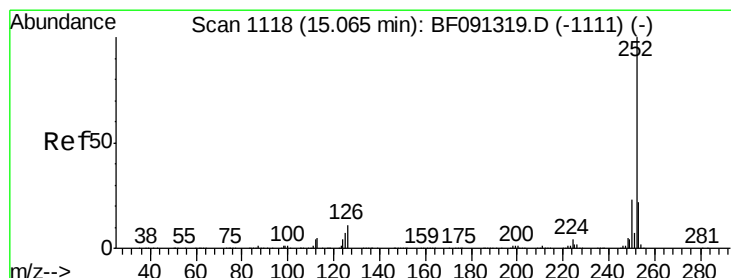
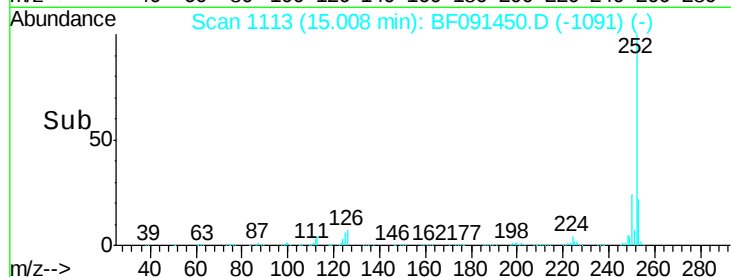
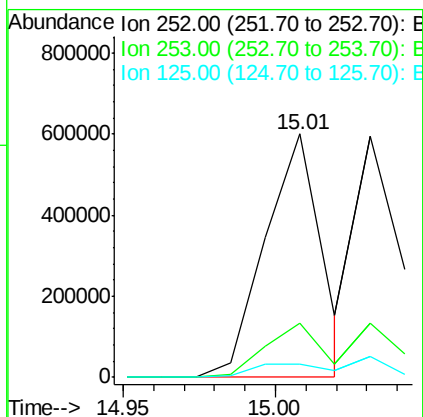
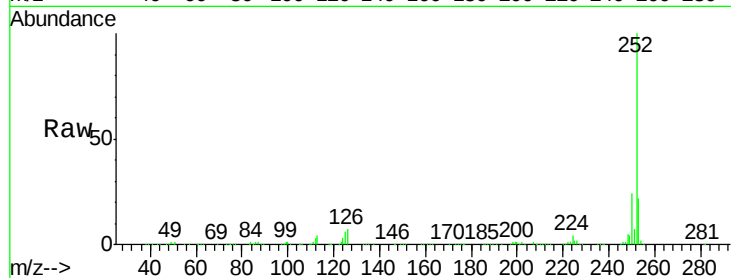




#87
Benzo(b)fluoranthene
Concen: 45.05 ng m
RT: 15.01 min Scan# 1113
Delta R.T. -0.05 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

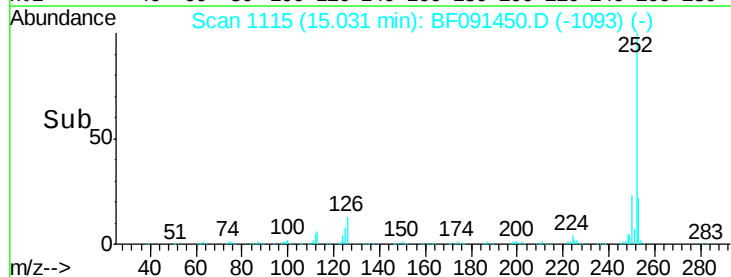
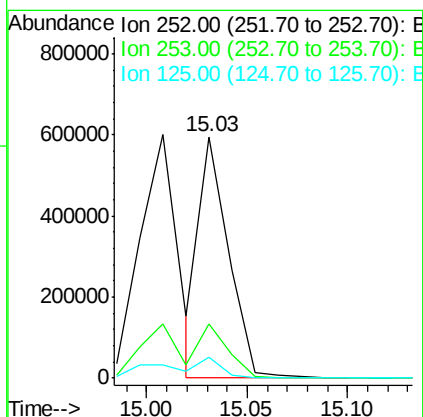
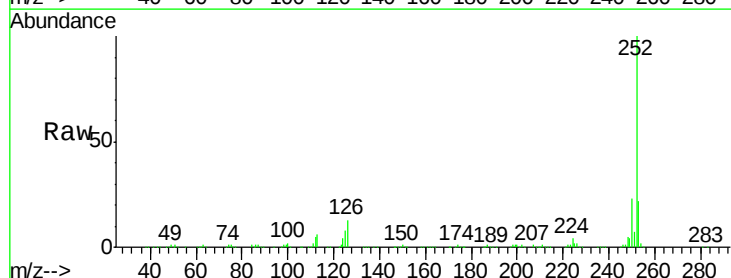
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

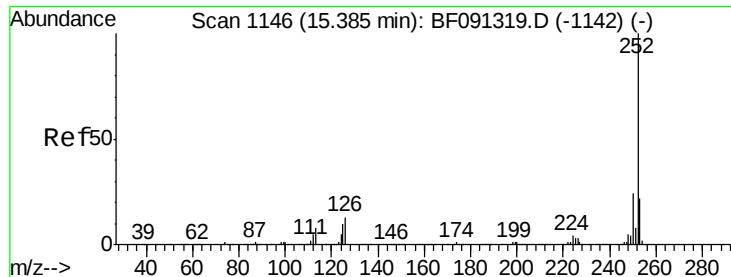
Tot Ion:252 Resp: 777767
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 5.6 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 42.05 ng m
RT: 15.03 min Scan# 1115
Delta R.T. -0.05 min
Lab File: BF091450.D
Acq: 6 Dec 2016 11:04

Tgt Ion:252 Resp: 610499
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 8.5 9.6 14.4#





#89

Benzo(a)pyrene

Concen: 40.61 ng

RT: 15.35 min Scan# 1143

Delta R.T. -0.06 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

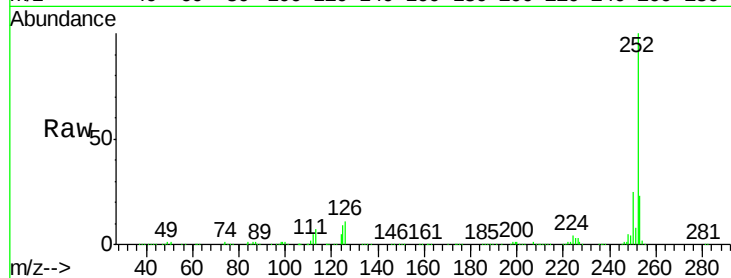
Tot Ion:252 Resp: 629575

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

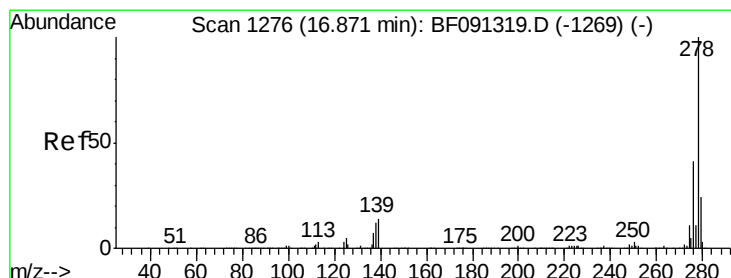
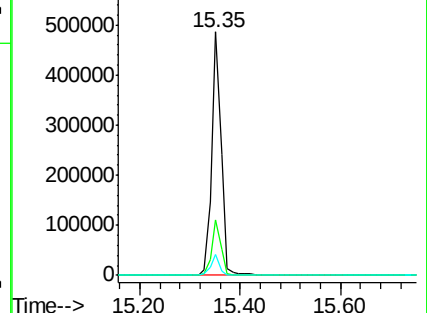
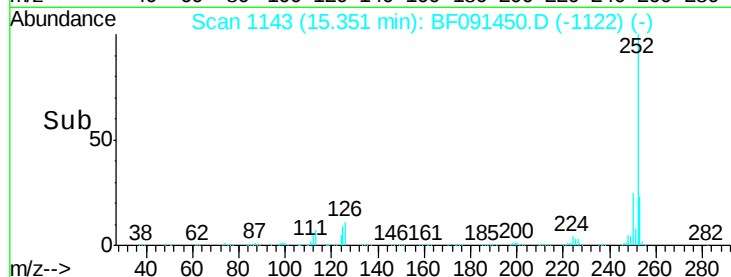
125 8.7 10.4 15.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.40 ng

RT: 16.81 min Scan# 1271

Delta R.T. -0.10 min

Lab File: BF091450.D

Acq: 6 Dec 2016 11:04

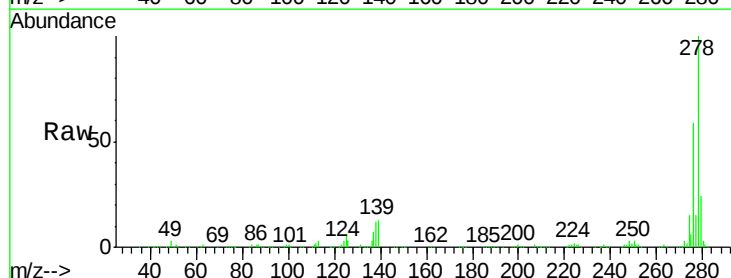
Tgt Ion:278 Resp: 579374

Ion Ratio Lower Upper

278 100

139 13.1 15.1 22.7#

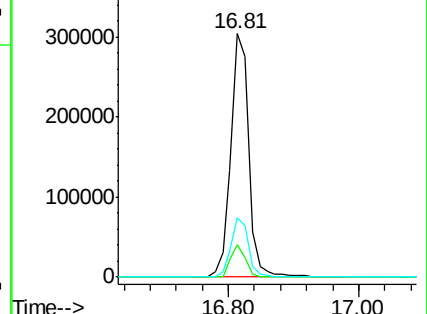
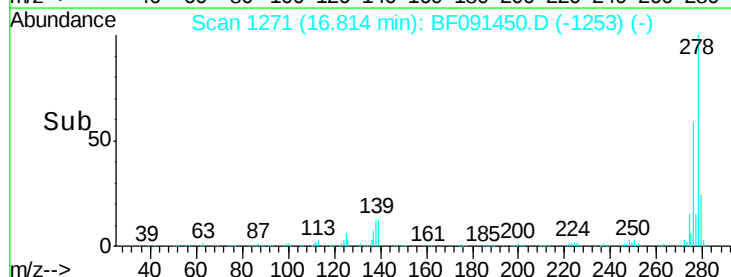
279 24.3 19.0 28.6

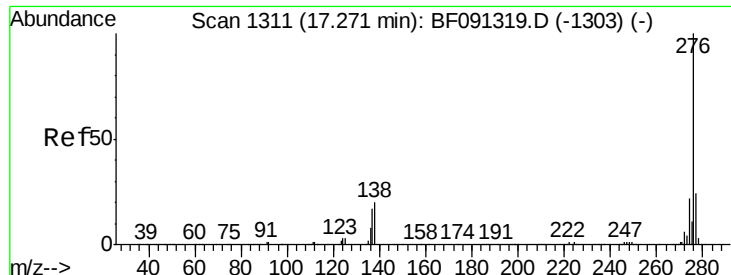


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

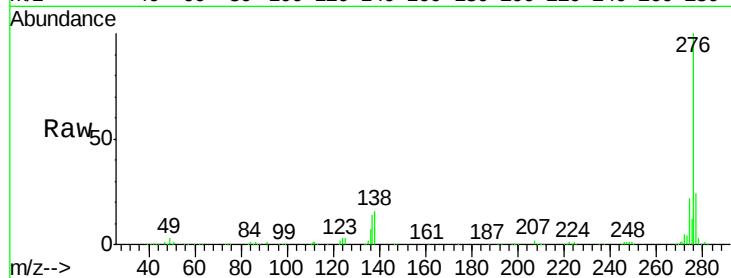




#91
 Benzo(a,h,i)perylene
 Concen: 40.94 ng
 RT: 17.21 min Scan# 1306
 Delta R.T. -0.10 min
 Lab File: BF091450.D
 Acq: 6 Dec 2016 11:04

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	16.2	15.4	23.0



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

