

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092724.D
 Acq On : 2 Feb 2017 1:42
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 02 02:40:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	159509	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	632666	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	326131	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	522474	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	338416	20.00	ng	-0.02
86) Perylene-d12	15.59	264	301763	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	764901	82.27	ng	-0.02
7) Phenol-d6	6.59	99	1040230	86.96	ng	-0.01
23) Nitrobenzene-d5	7.52	82	922270	81.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	185089	78.47	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1514673	84.14	ng	-0.01
78) Terphenyl-d14	13.07	244	1245231	86.46	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.58	88	227684	45.32	ng	# 84
3) Pyridine	3.33	79	540420	42.30	ng	91
4) n-Nitrosodimethylamine	3.29	42	263519	43.93	ng	82
6) Aniline	6.61	93	675700	41.41	ng	# 43
8) 2-Chlorophenol	6.73	128	402970	39.29	ng	86
9) Benzaldehyde	6.49	77	310713	36.25	ng	90
10) Phenol	6.60	94	617671	44.13	ng	95
11) bis(2-Chloroethyl)ether	6.68	93	457151	40.92	ng	96
12) 1,3-Dichlorobenzene	6.89	146	509510	42.41	ng	97
13) 1,4-Dichlorobenzene	6.97	146	506688	41.67	ng	93
14) 1,2-Dichlorobenzene	7.12	146	455618	39.19	ng	99
15) Benzyl Alcohol	7.09	79	366812	41.42	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	896594	46.20	ng	98
17) 2-Methylphenol	7.21	107	356770	40.54	ng	99
18) Hexachloroethane	7.46	117	172045	41.45	ng	89
19) n-Nitroso-di-n-propylamine	7.37	70	318213	41.79	ng	# 97
20) 3+4-Methylphenols	7.37	107	454266	43.18	ng	# 88
22) Acetophenone	7.36	105	560337	38.79	ng	# 91
24) Nitrobenzene	7.54	77	527081	45.18	ng	# 85
25) Isophorone	7.77	82	902385	42.62	ng	# 92
26) 2-Nitrophenol	7.85	139	216263	39.00	ng	# 89
27) 2,4-Dimethylphenol	7.89	122	397272	40.79	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	567519	40.48	ng	99
29) 2,4-Dichlorophenol	8.10	162	373451	41.12	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	391528	40.00	ng	96
31) Naphthalene	8.26	128	1213333	37.83	ng	99
32) Benzoic acid	8.01	122	207673	39.18	ng	96
33) 4-Chloroaniline	8.32	127	519828	41.33	ng	94
34) Hexachlorobutadiene	8.37	225	195540	36.31	ng	99
35) Caprolactam	8.68	113	114793	40.18	ng	# 36
36) 4-Chloro-3-methylphenol	8.80	107	365188	38.56	ng	94
37) 2-Methylnaphthalene	8.96	142	837020	40.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	343827	37.56	ng	99
40) Hexachlorocyclopentadiene	9.10	237	153105	37.07	ng	95

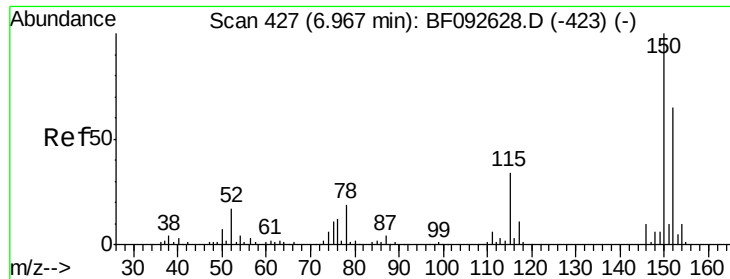
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	232474	38.65	ng	89
43) 2,4,5-Trichlorophenol	9.28	196	261055	39.61	ng	94
45) 1,1'-Biphenyl	9.42	154	949000	40.19	ng	98
46) 2-Chloronaphthalene	9.45	162	793034	42.93	ng	98
47) 2-Nitroaniline	9.54	65	247656	39.87	ng	88
48) Acenaphthylene	9.86	152	1166217	36.54	ng	99
49) Dimethylphthalate	9.72	163	878922	40.01	ng	99
50) 2,6-Dinitrotoluene	9.79	165	197968	41.73	ng	# 77
51) Acenaphthene	10.03	154	707538	37.08	ng	96
52) 3-Nitroaniline	9.96	138	229588	42.29	ng	# 76
53) 2,4-Dinitrophenol	10.06	184	73834	33.52	ng	94
54) Dibenzofuran	10.20	168	939134	36.80	ng	98
55) 4-Nitrophenol	10.12	139	140398	35.91	ng	89
56) 2,4-Dinitrotoluene	10.19	165	278694	44.13	ng	# 82
57) Fluorene	10.54	166	749301	38.16	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	184048	41.86	ng	98
59) Diethylphthalate	10.42	149	799068	38.60	ng	98
60) 4-Chlorophenyl-phenylether	10.54	204	366213	38.82	ng	# 75
61) 4-Nitroaniline	10.57	138	192265	34.58	ng	94
62) Azobenzene	10.70	77	956018	44.70	ng	90
64) 4,6-Dinitro-2-methylphenol	10.60	198	115536	36.98	ng	86
65) n-Nitrosodiphenylamine	10.66	169	654103	39.19	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	222541	40.77	ng	# 79
67) Hexachlorobenzene	11.09	284	197593	36.63	ng	# 76
68) Atrazine	11.18	200	191318	35.72	ng	98
69) Pentachlorophenol	11.30	266	103656	41.08	ng	97
70) Phenanthrene	11.52	178	1224793	40.92	ng	98
71) Anthracene	11.56	178	1123227	37.37	ng	99
72) Carbazole	11.72	167	1053602	36.67	ng	99
73) Di-n-butylphthalate	12.04	149	1224550	39.41	ng	98
74) Fluoranthene	12.70	202	1126533	36.49	ng	91
76) Benzidine	12.82	184	470220	32.61	ng	100
77) Pyrene	12.93	202	1160050	45.80	ng	98
79) Butylbenzylphthalate	13.54	149	459201	44.65	ng	95
80) Benzo(a)anthracene	14.11	228	801969	38.75	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	275329	37.32	ng	# 98
82) Chrysene	14.16	228	790758	40.80	ng	97
83) Bis(2-ethylhexyl)phthalate	14.10	149	627317	44.60	ng	# 98
84) Di-n-octyl phthalate	14.71	149	954770	41.69	ng	98
85) Indeno(1,2,3-cd)pyrene	17.07	276	810873	54.02	ng	95
87) Benzo(b)fluoranthene	15.16	252	691476	34.81	ng	99
88) Benzo(k)fluoranthene	15.16	252	691476	40.32	ng	98
89) Benzo(a)pyrene	15.53	252	688495	40.07	ng	97
90) Dibenzo(a,h)anthracene	17.08	278	694387	50.01	ng	# 95
91) Benzo(g,h,i)perylene	17.52	276	719444	51.29	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

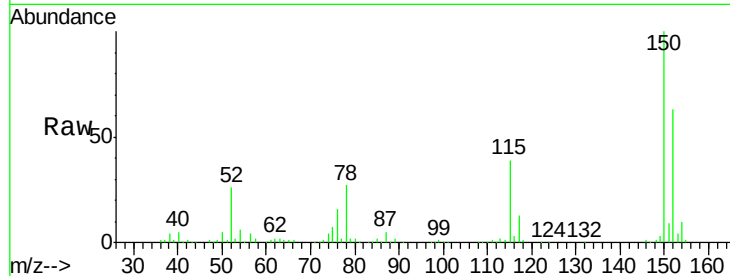
Tgt Ion:152 Resp: 159509

Ion Ratio Lower Upper

152 100

150 158.0 124.9 187.3

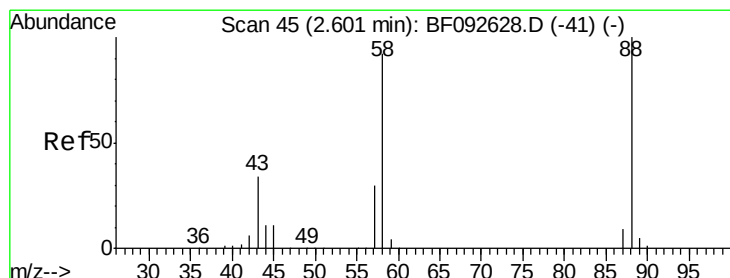
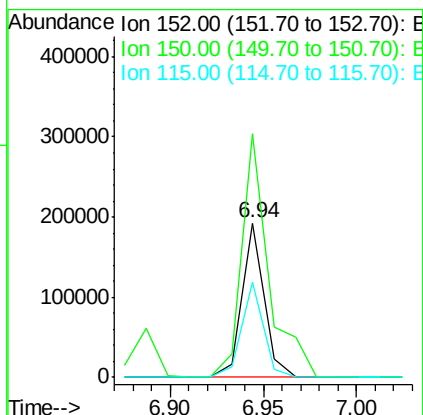
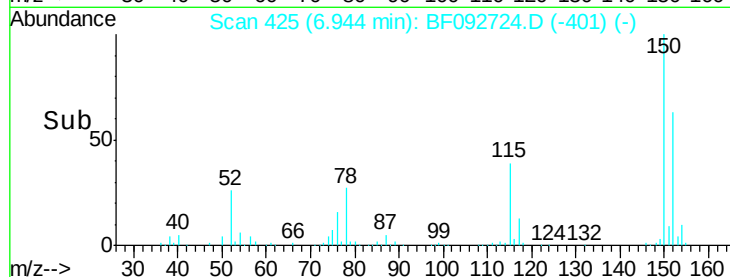
115 61.8 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 45.32 ng

RT: 2.58 min Scan# 43

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

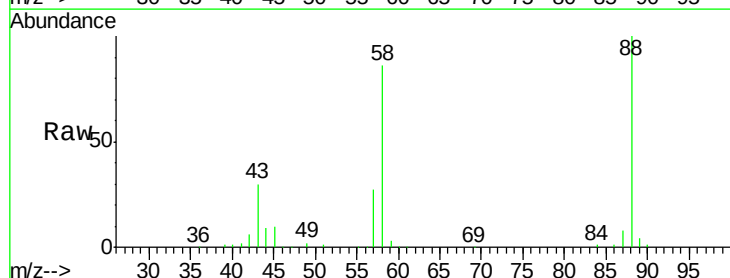
Tgt Ion: 88 Resp: 227684

Ion Ratio Lower Upper

88 100

58 87.2 57.8 86.8#

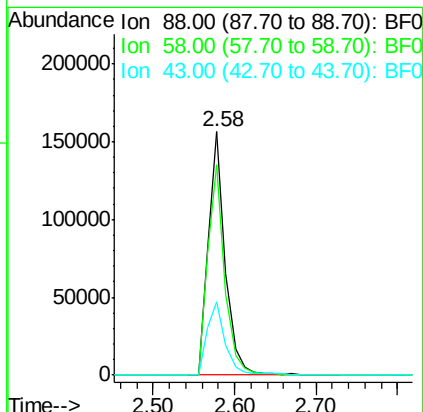
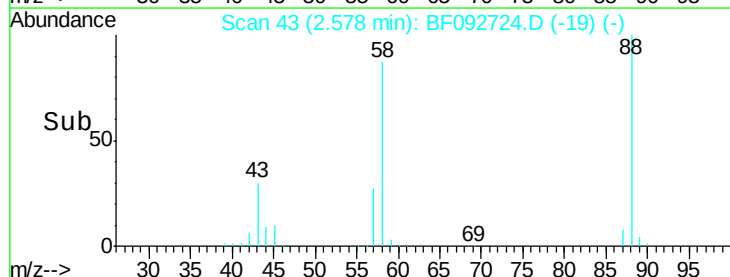
43 33.1 22.3 33.5

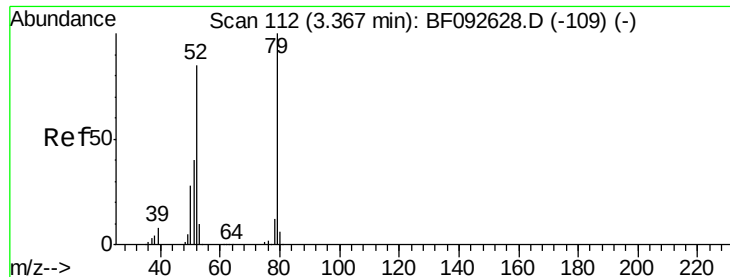


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.30 ng

RT: 3.33 min Scan# 109

Delta R.T. -0.03 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

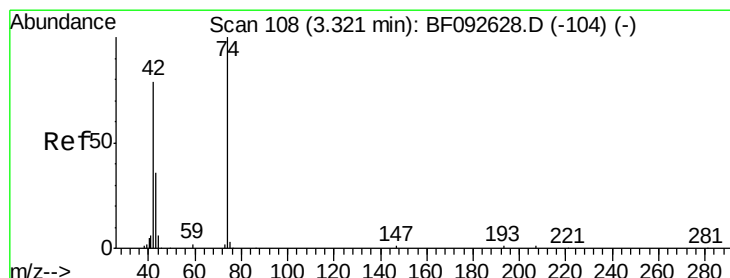
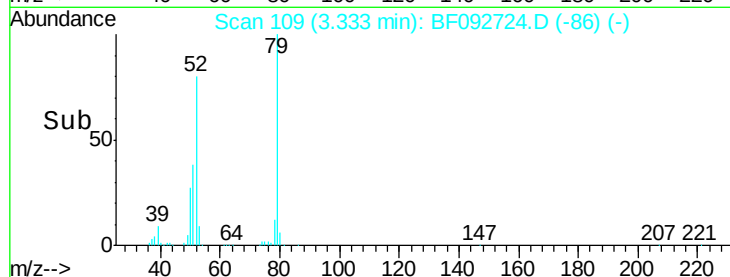
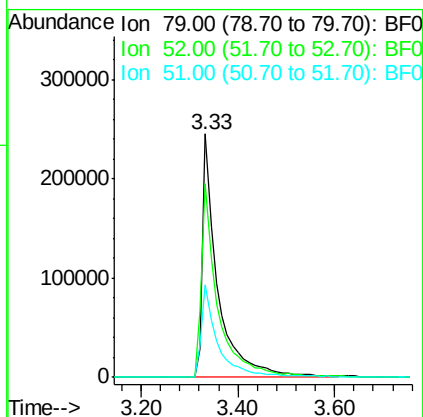
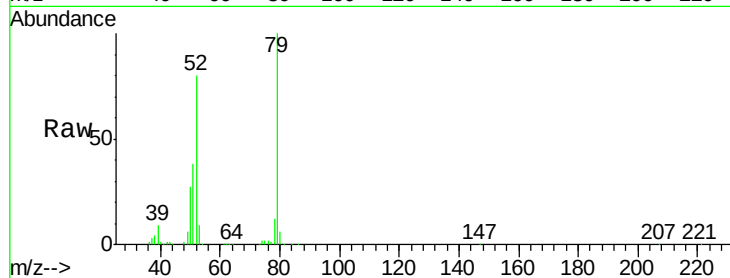
Tgt Ion: 79 Resp: 540420

Ion Ratio Lower Upper

79 100

52 79.5 57.1 85.7

51 38.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 43.93 ng

RT: 3.29 min Scan# 105

Delta R.T. -0.03 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

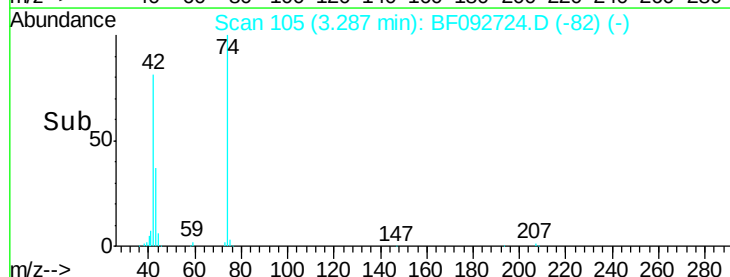
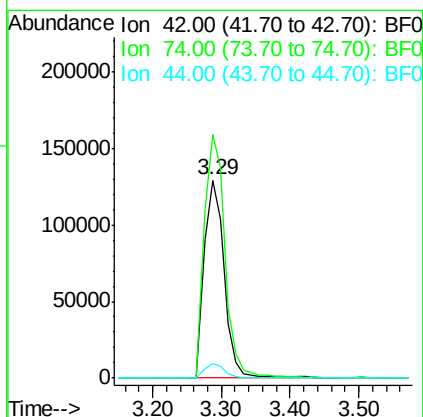
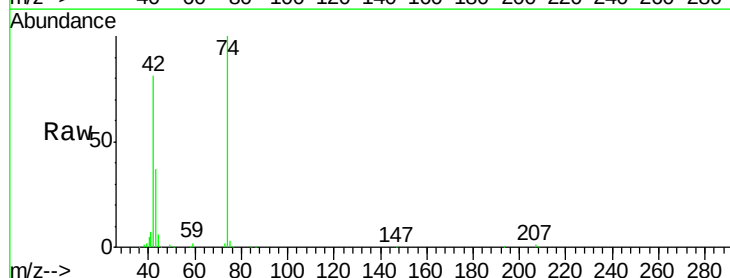
Tgt Ion: 42 Resp: 263519

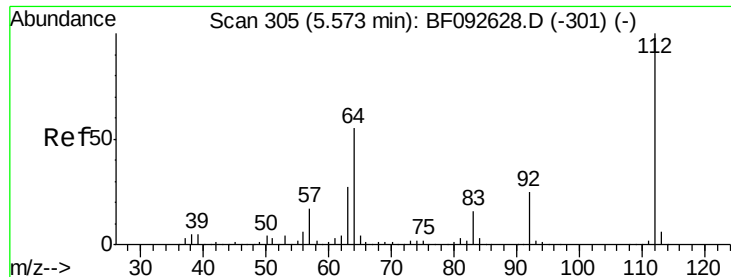
Ion Ratio Lower Upper

42 100

74 122.9 117.0 175.4

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 82.27 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

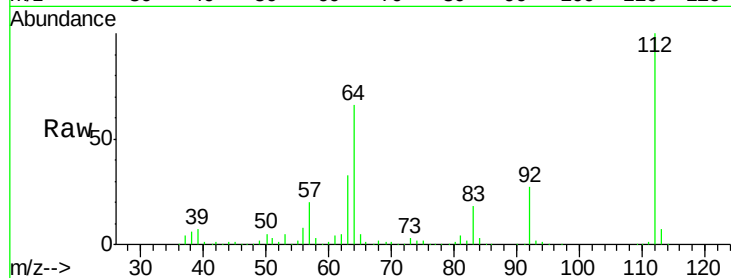
Instrument :

BNA_F

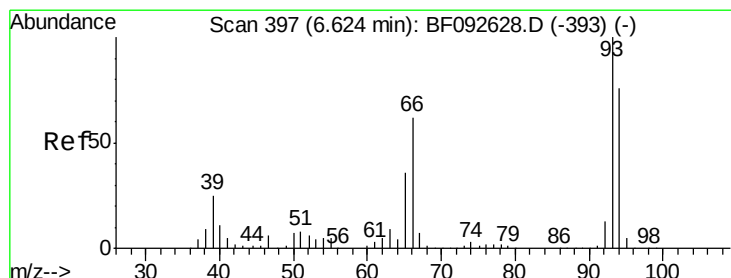
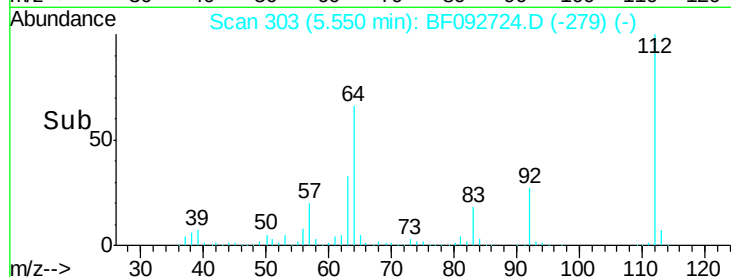
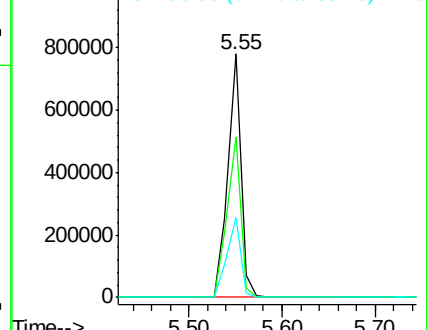
ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	764901
Ion	Ratio	Lower	Upper
112	100		
64	65.8	46.1	69.1
63	32.9	23.8	35.6



Abundance Ion 112.00 (111.70 to 112.70): BF092724.D (-301) (-)



#6

Aniline

Concen: 41.41 ng

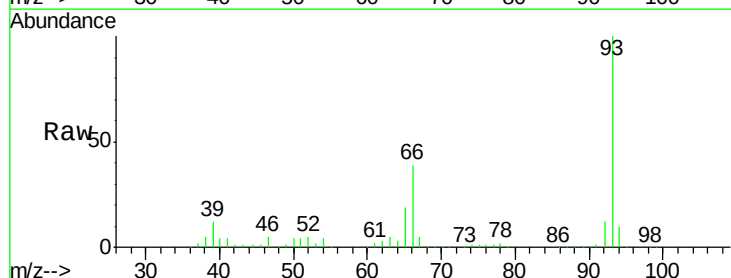
RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

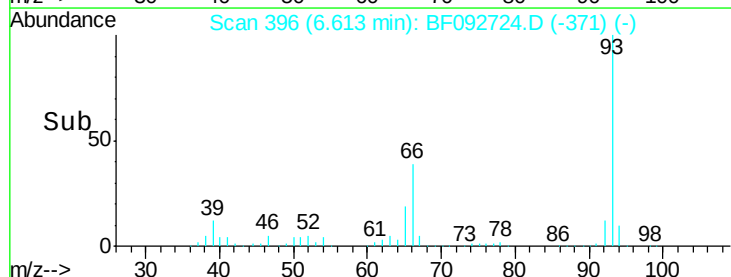
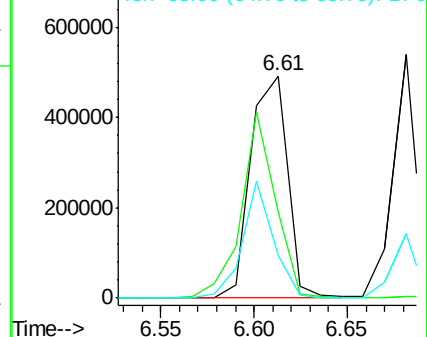
Lab File: BF092724.D

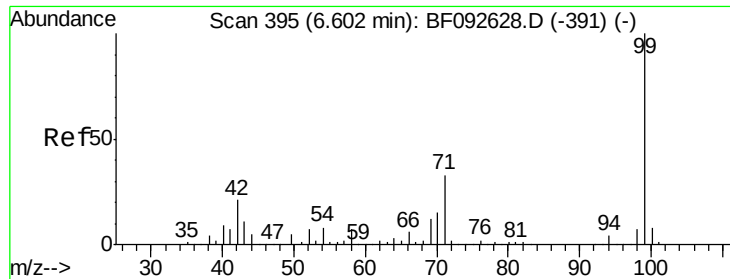
Acq: 2 Feb 2017 1:42

Tgt Ion:	93	Resp:	675700
Ion	Ratio	Lower	Upper
93	100		
66	38.7	76.2	114.2#
65	18.9	49.3	73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF092724.D (-371) (-)





#7

Phenol-d6

Concen: 86.96 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

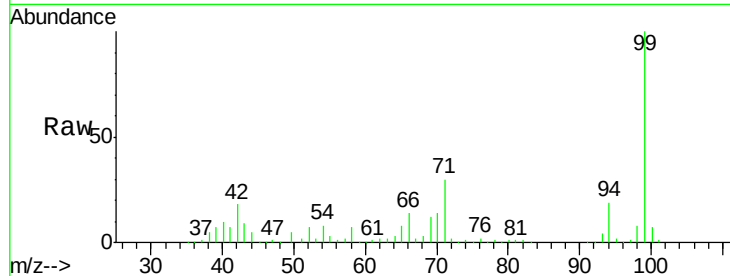
Tgt Ion: 99 Resp: 1040230

Ion Ratio Lower Upper

99 100

42 18.2 15.6 23.4

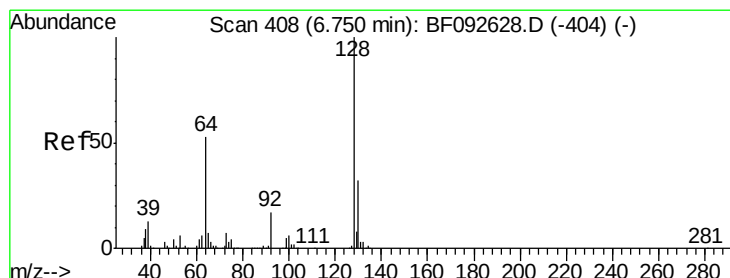
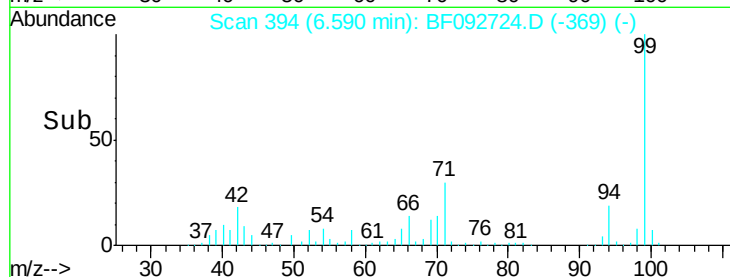
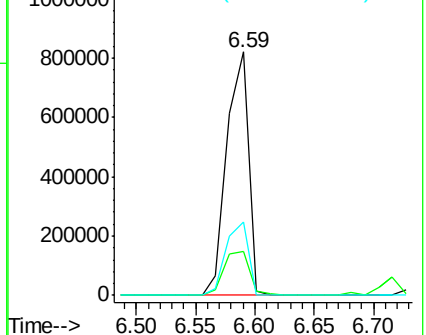
71 30.3 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.29 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

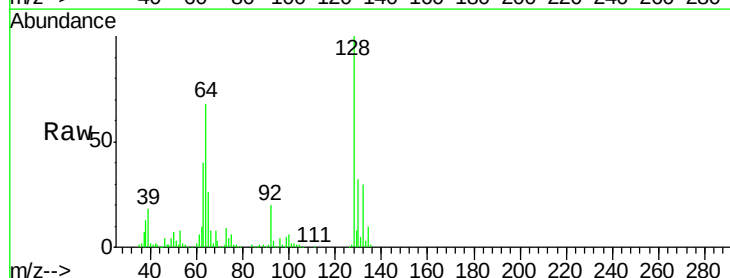
Tgt Ion: 128 Resp: 402970

Ion Ratio Lower Upper

128 100

130 31.6 12.3 52.3

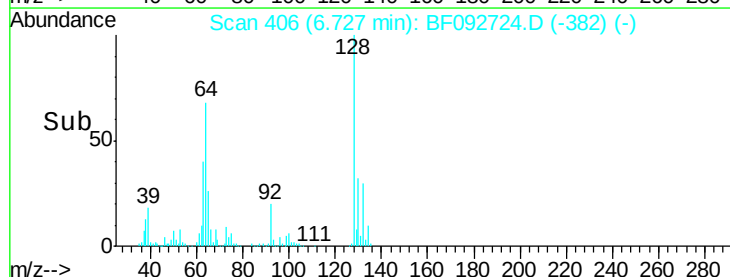
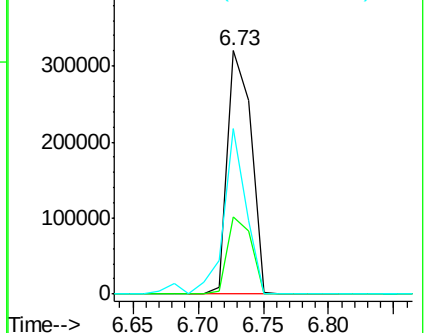
64 67.9 32.2 72.2

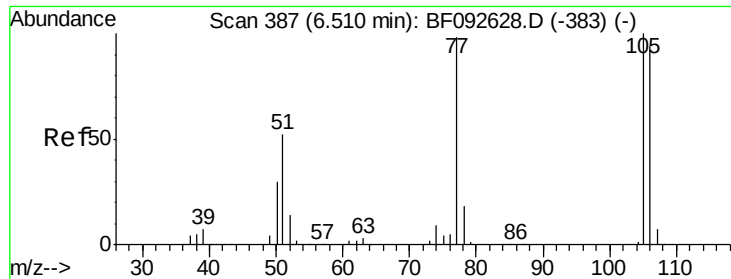


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.25 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

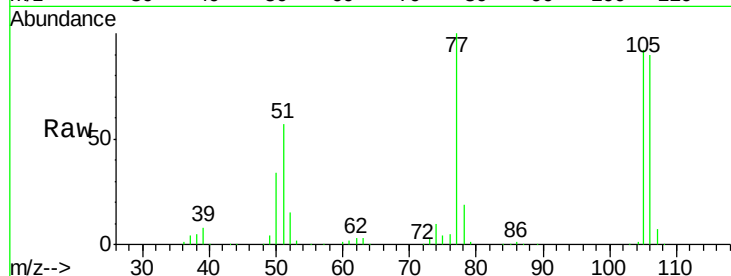
Tgt Ion: 77 Resp: 310713

Ion Ratio Lower Upper

77 100

105 91.9 83.9 123.9

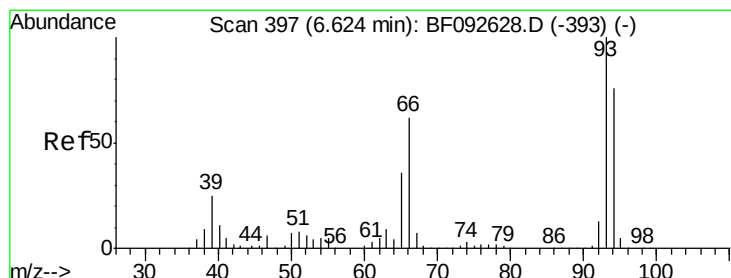
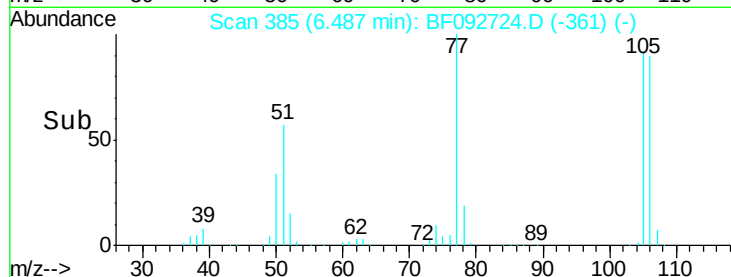
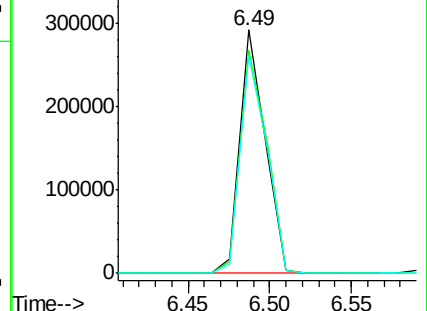
106 89.6 77.6 117.6



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: 44.13 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

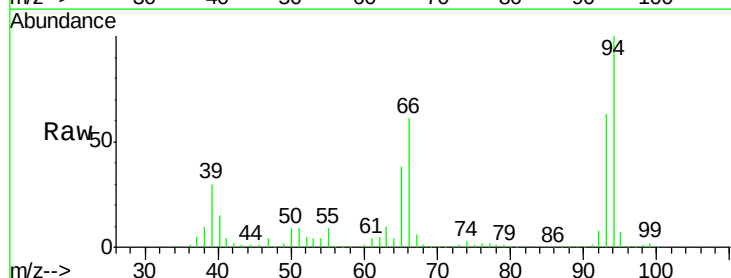
Tgt Ion: 94 Resp: 617671

Ion Ratio Lower Upper

94 100

65 38.1 21.4 61.4

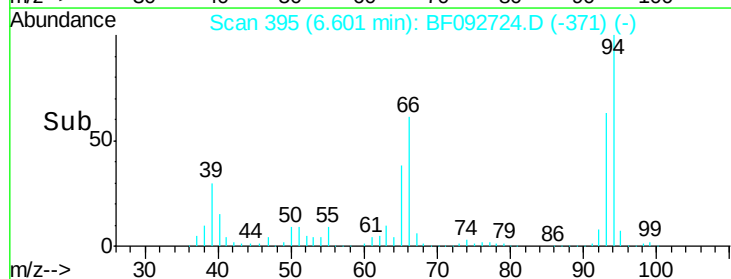
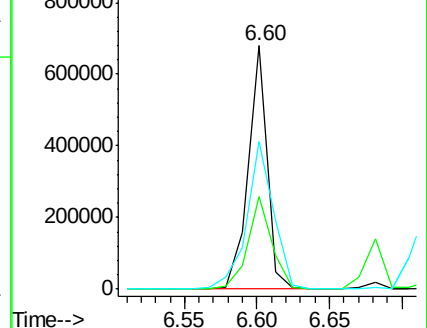
66 60.7 44.0 84.0

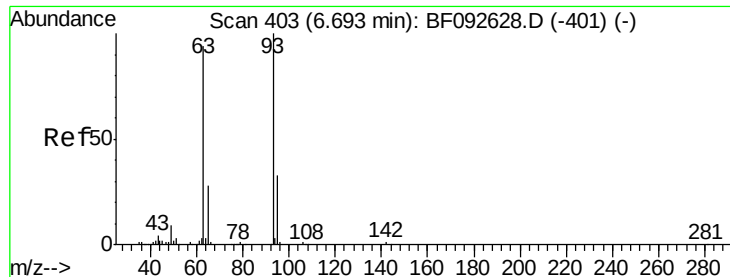


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

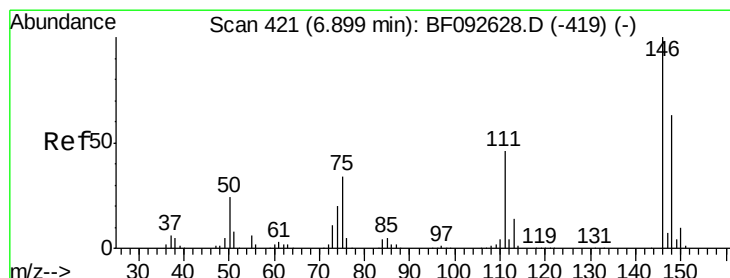
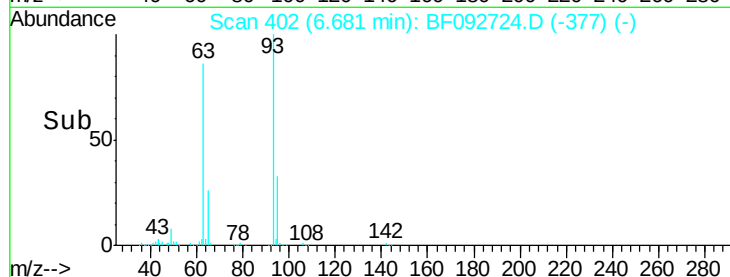
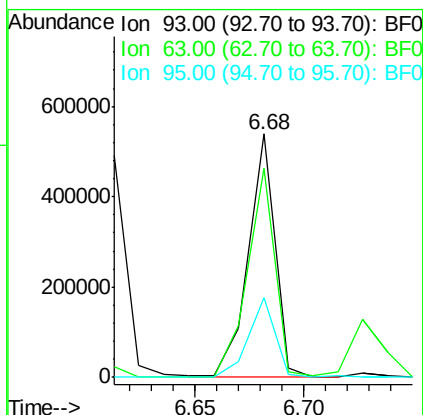
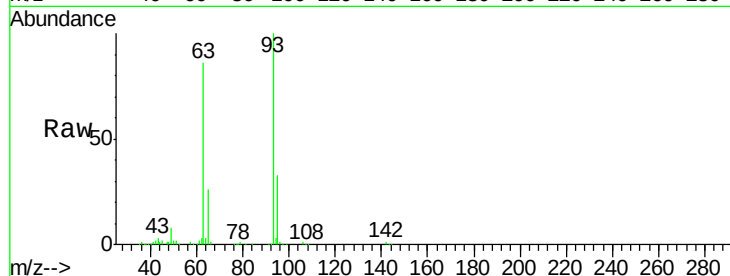




#11
bis(2-Chloroethyl)ether
Concen: 40.92 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

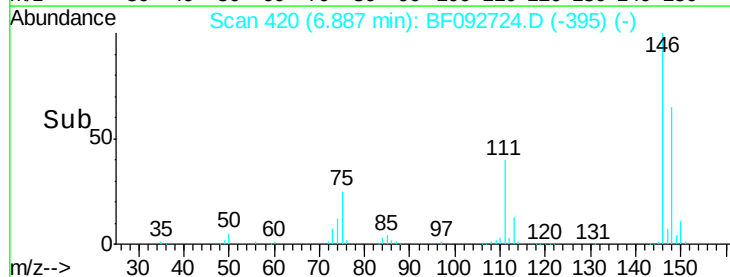
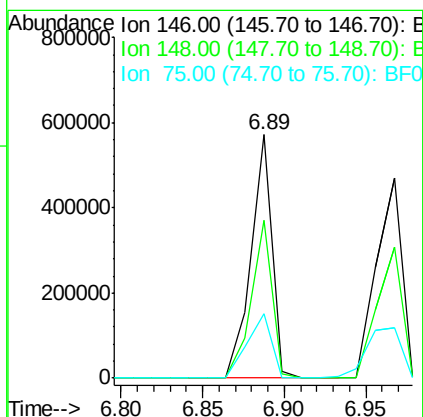
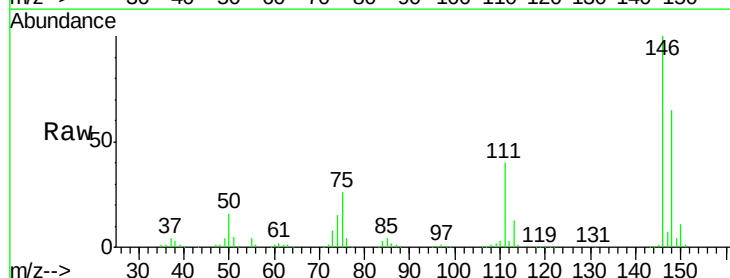
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

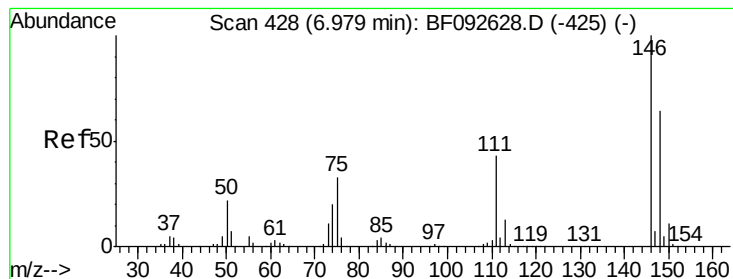
Tgt Ion: 93 Resp: 457151
Ion Ratio Lower Upper
93 100
63 85.8 60.4 100.4
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.41 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Tgt Ion: 146 Resp: 509510
Ion Ratio Lower Upper
146 100
148 65.1 53.4 80.0
75 26.3 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 41.67 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

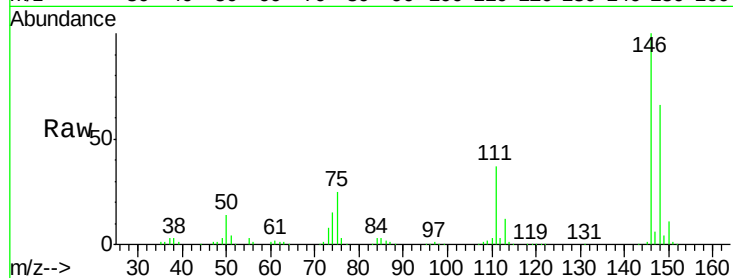
Tgt Ion:146 Resp: 506688

Ion Ratio Lower Upper

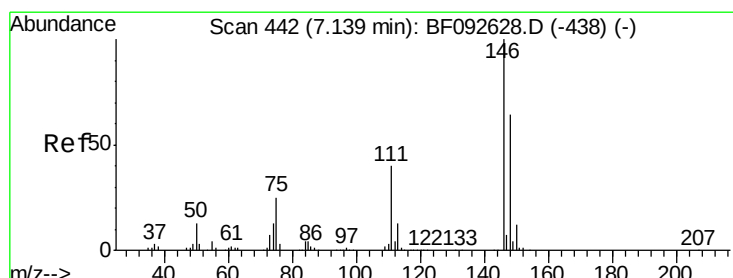
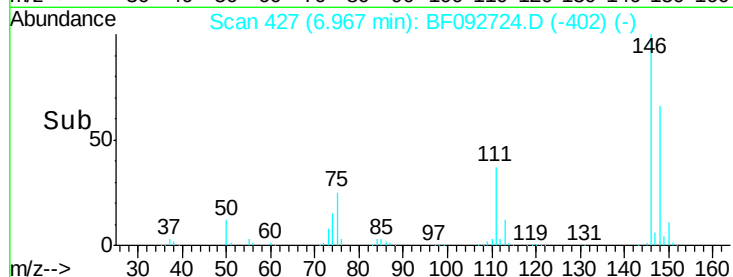
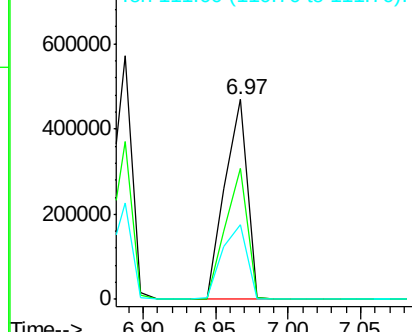
146 100

148 65.7 50.6 76.0

111 37.1 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.19 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

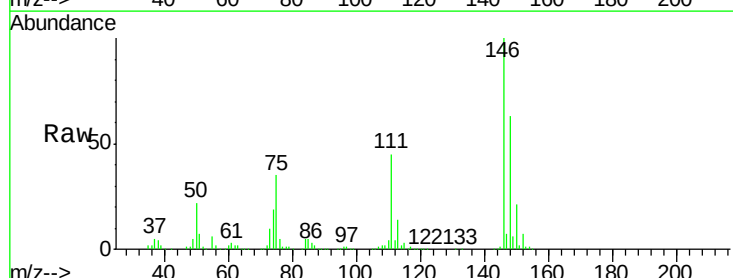
Tgt Ion:146 Resp: 455618

Ion Ratio Lower Upper

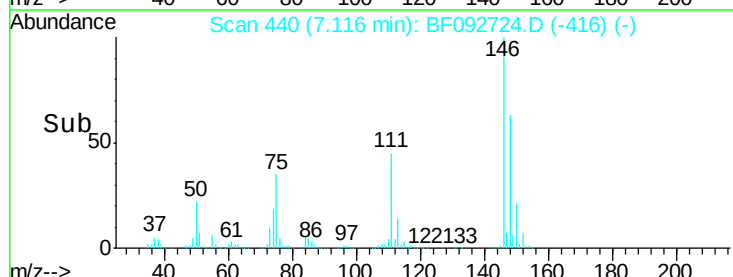
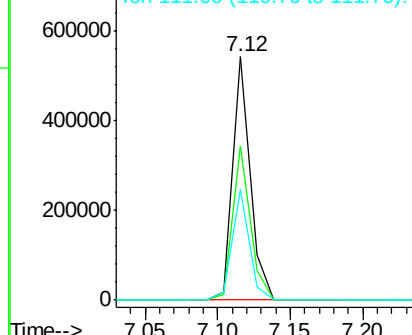
146 100

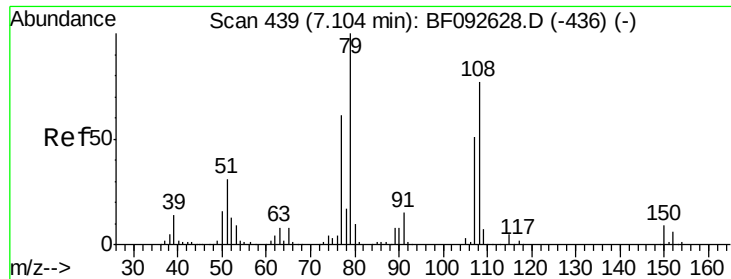
148 63.4 52.2 78.2

111 45.5 36.2 54.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

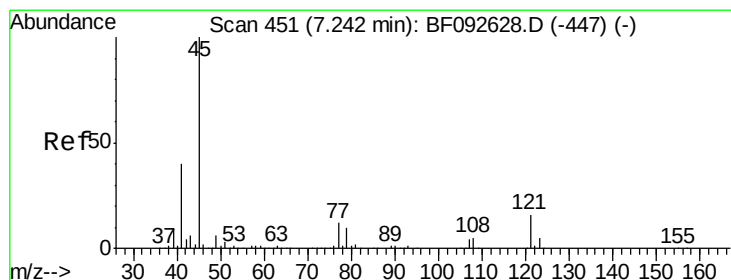
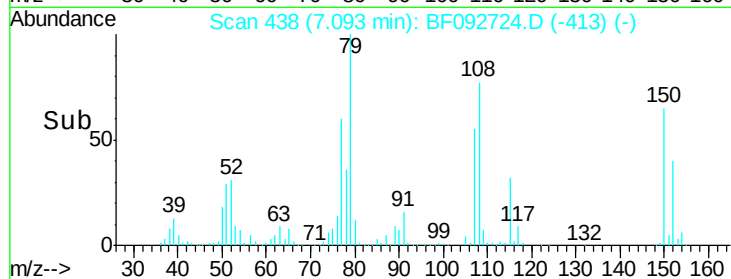
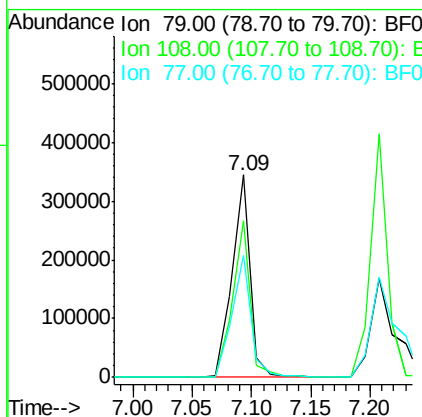
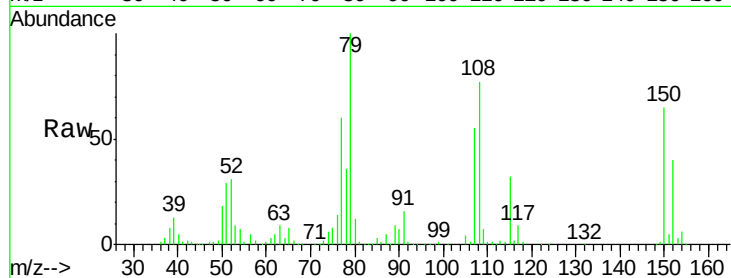




#15
Benzyl Alcohol
Concen: 41.42 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

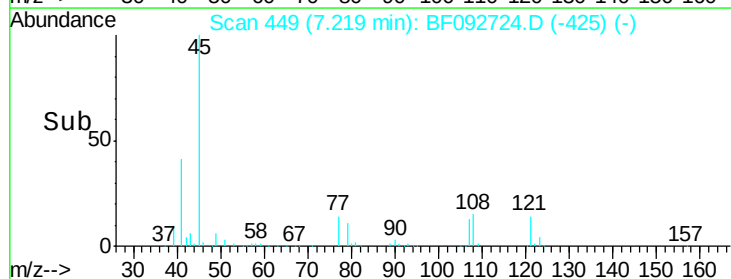
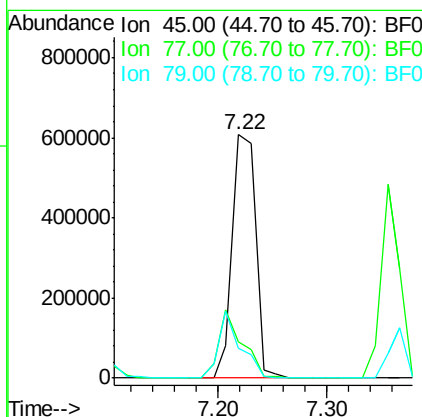
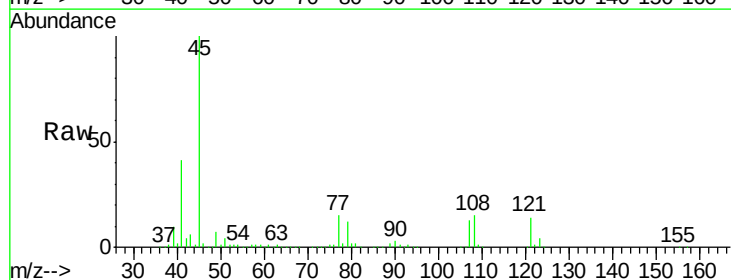
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

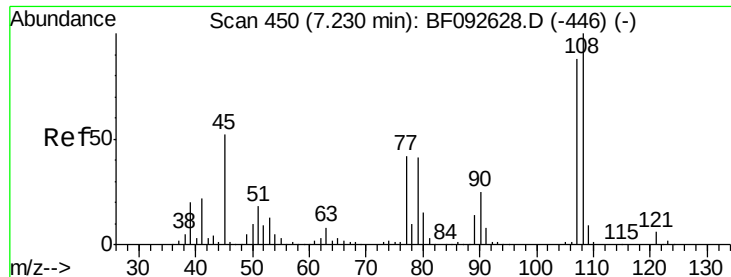
Tgt Ion: 79 Resp: 366812
Ion Ratio Lower Upper
79 100
108 77.5 61.4 92.0
77 60.4 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.20 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Tgt Ion: 45 Resp: 896594
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.6
79 12.0 0.0 31.2

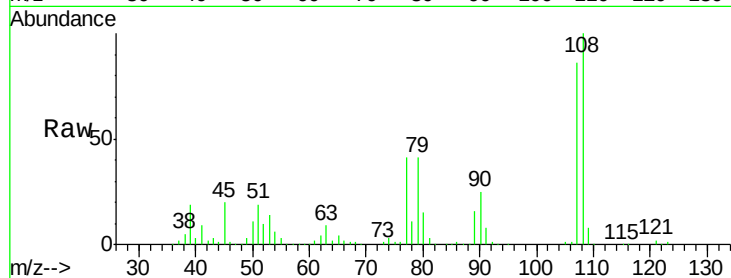




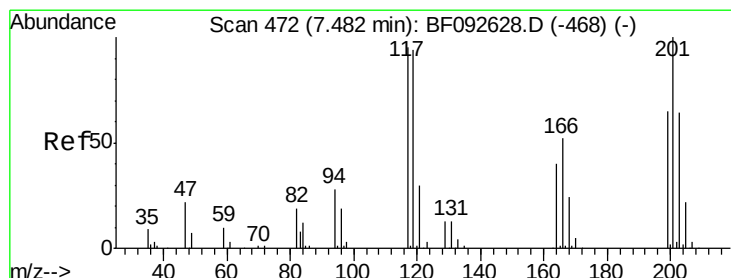
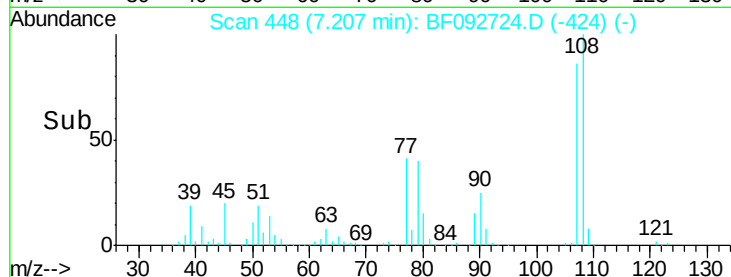
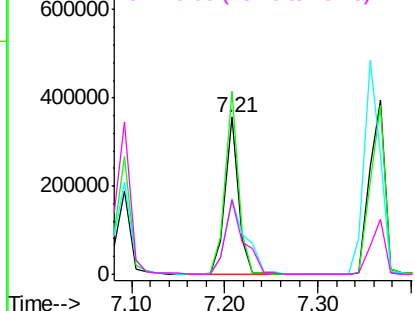
#17
2-Methylphenol
Concen: 40.54 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 356770
Ion Ratio Lower Upper
107 100
108 116.4 93.0 139.6
77 48.0 39.8 59.8
79 47.3 38.0 57.0

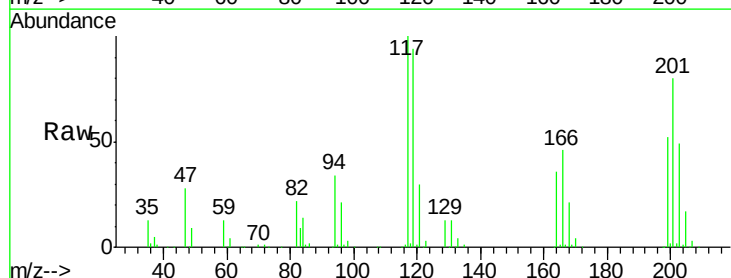


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

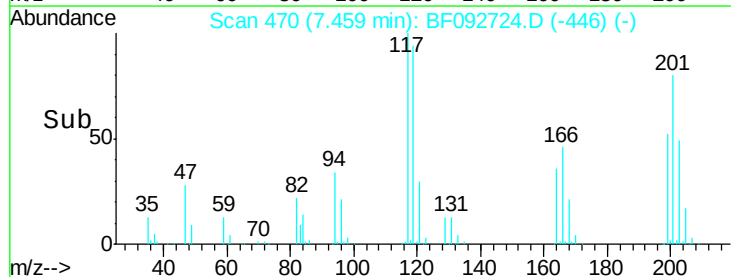
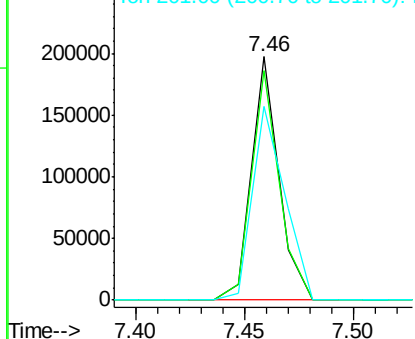


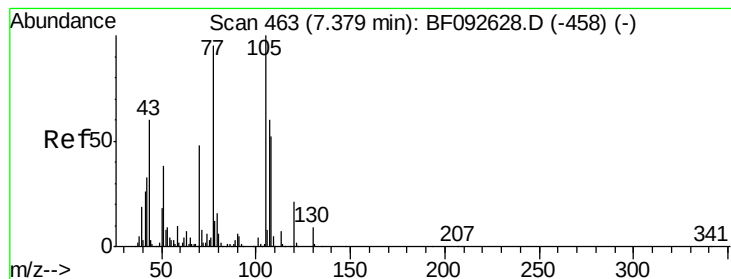
#18
Hexachloroethane
Concen: 41.45 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Tgt Ion:117 Resp: 172045
Ion Ratio Lower Upper
117 100
119 94.5 78.1 117.1
201 79.8 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.79 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 318213

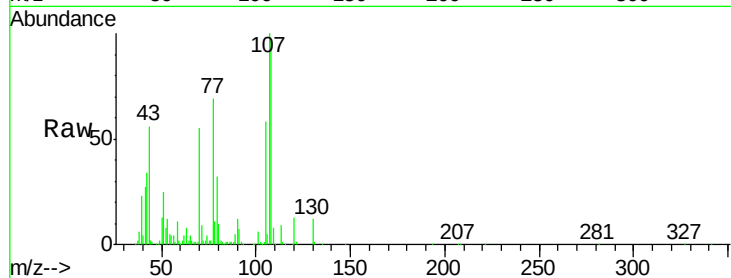
Ion Ratio Lower Upper

70 100

42 61.3 49.4 74.0

101 10.1 7.4 11.2

130 22.5 14.2 21.4#



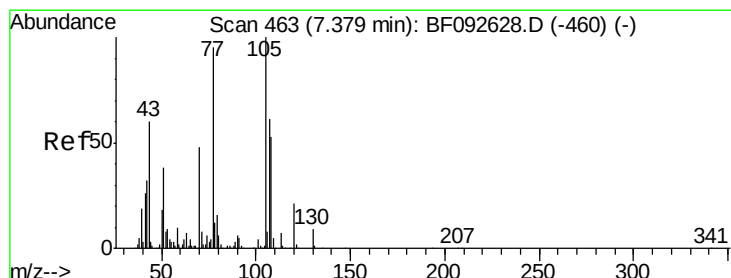
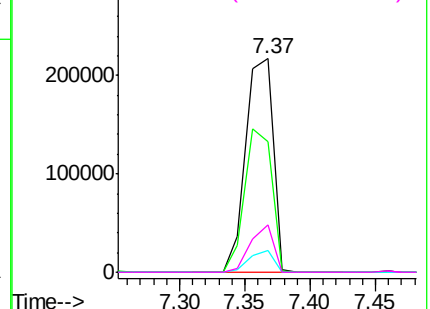
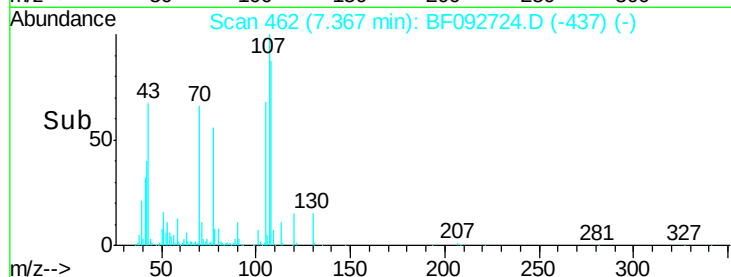
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 43.18 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Tgt Ion: 107 Resp: 454266

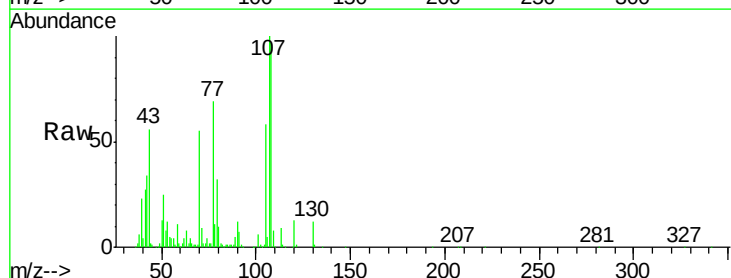
Ion Ratio Lower Upper

107 100

108 97.3 73.0 113.0

77 69.0 71.3 111.3#

79 32.1 11.1 51.1



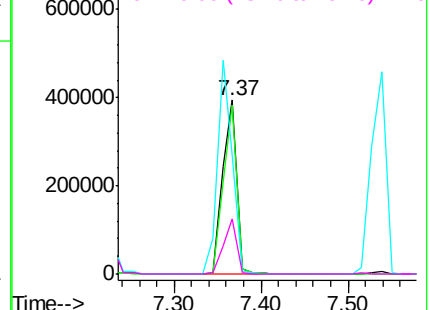
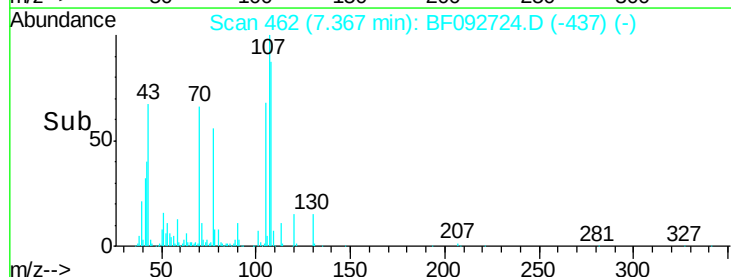
Abundance

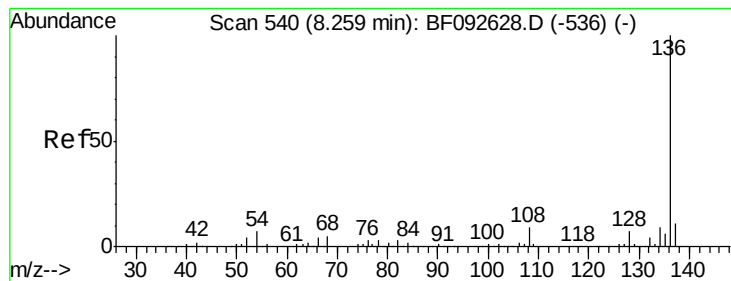
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 632666

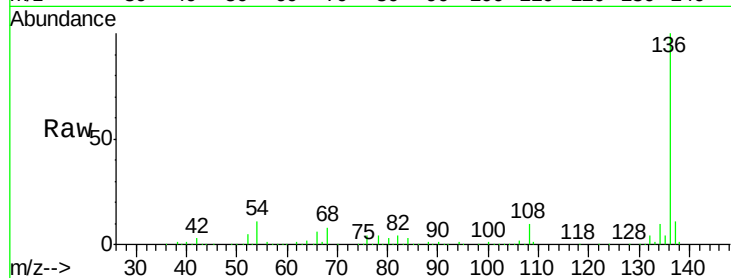
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.6 4.5 6.7#

68 7.7 3.6 5.4#

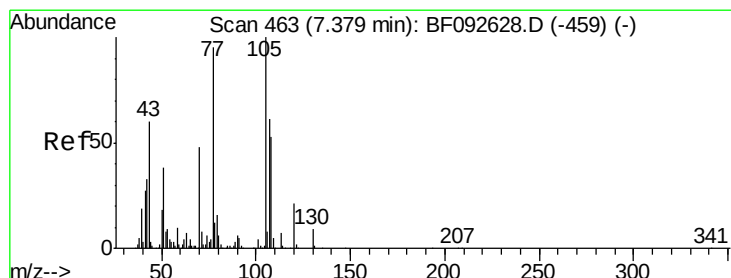
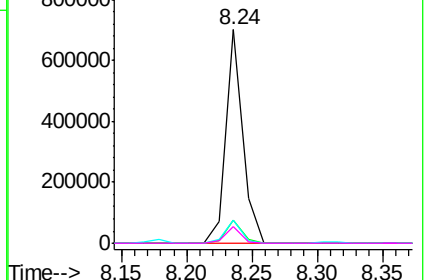
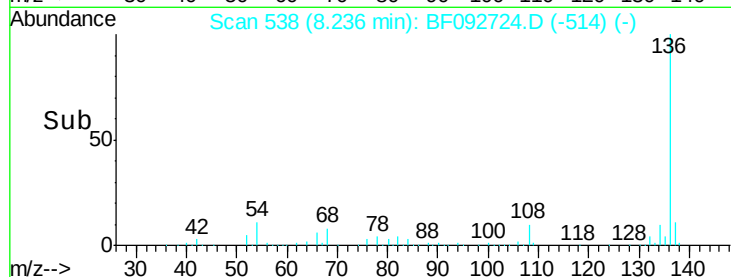


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.79 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Tgt Ion:105 Resp: 560337

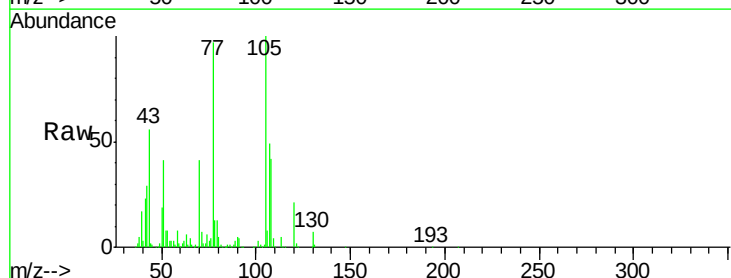
Ion Ratio Lower Upper

105 100

71 6.5 3.2 4.8#

51 41.2 26.2 39.4#

120 21.2 16.6 24.8

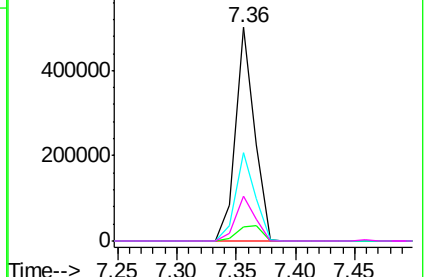
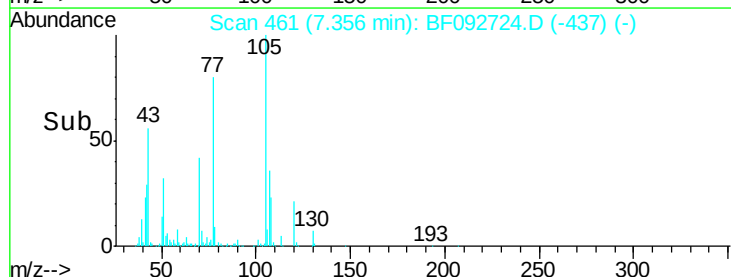


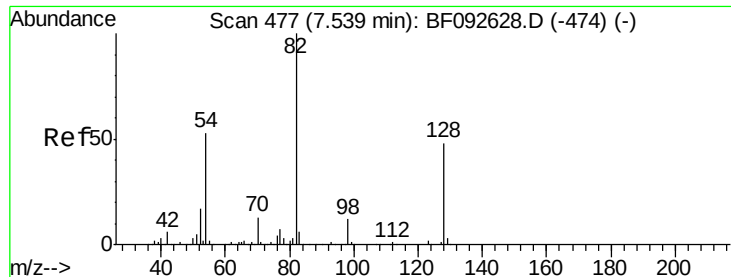
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

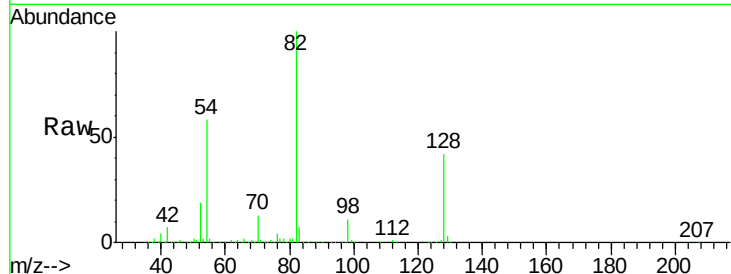




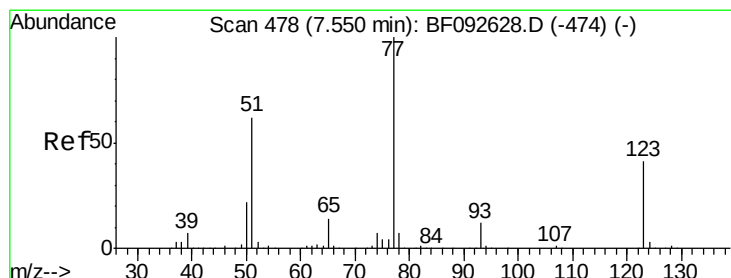
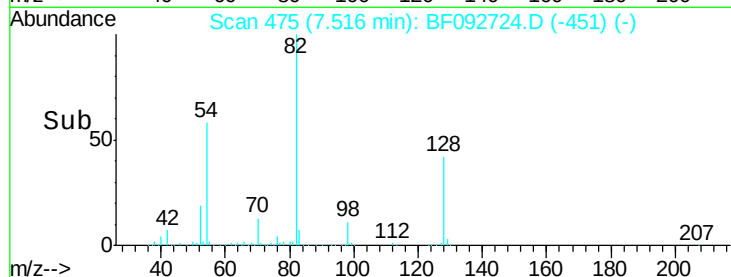
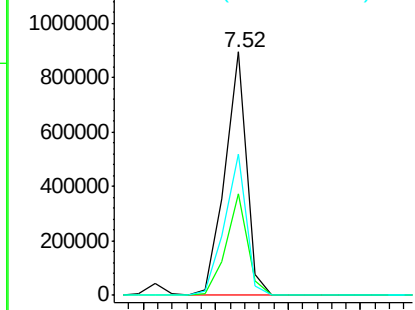
#23
 Nitrobenzene-d5
 Concen: 81.18 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 922270
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.6 52.0
 54 58.1 39.5 59.3

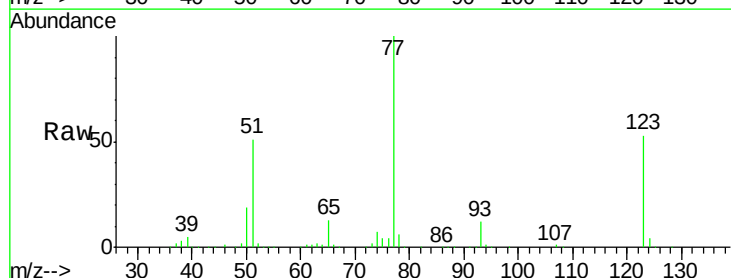


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

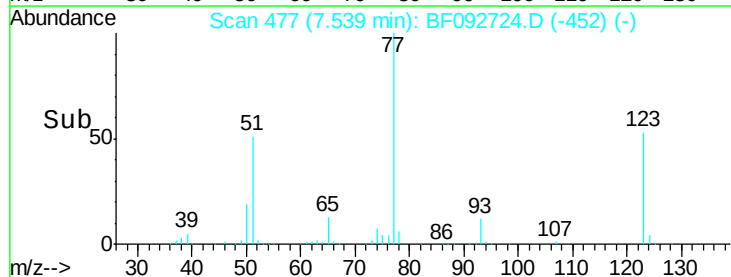
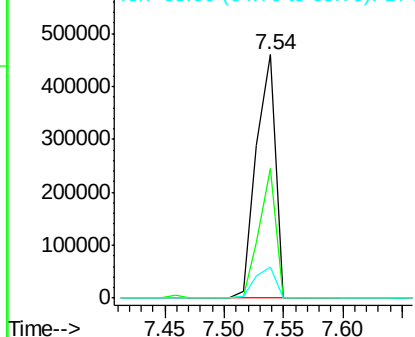


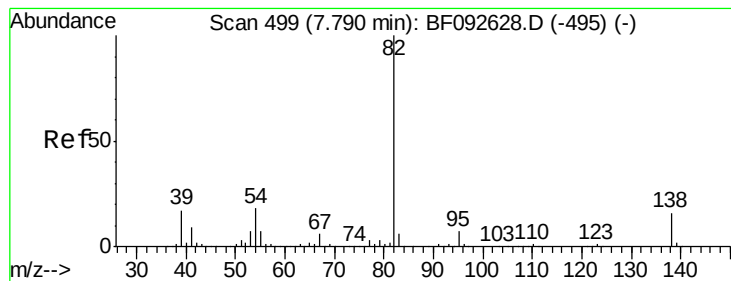
#24
 Nitrobenzene
 Concen: 45.18 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Tgt Ion: 77 Resp: 527081
 Ion Ratio Lower Upper
 77 100
 123 53.1 33.0 49.4#
 65 12.9 11.2 16.8



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





#25

Isophorone

Concen: 42.62 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

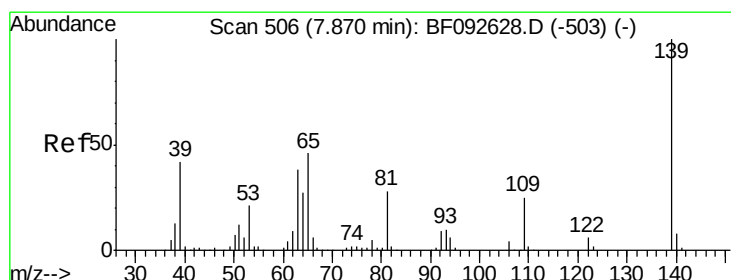
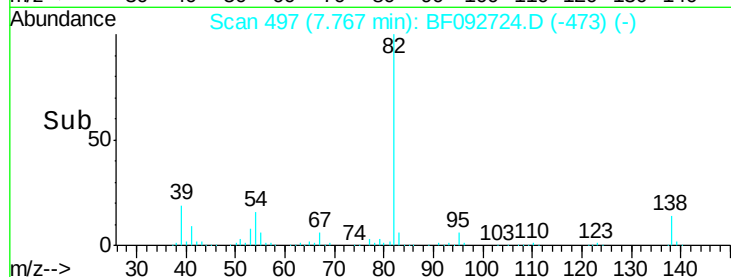
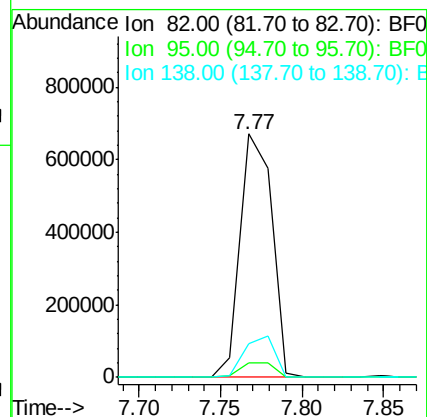
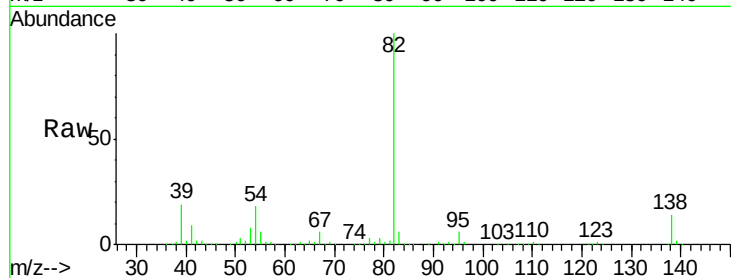
Tgt Ion: 82 Resp: 902385

Ion Ratio Lower Upper

82 100

95 5.9 5.6 8.4

138 13.7 14.6 22.0#



#26

2-Nitrophenol

Concen: 39.00 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

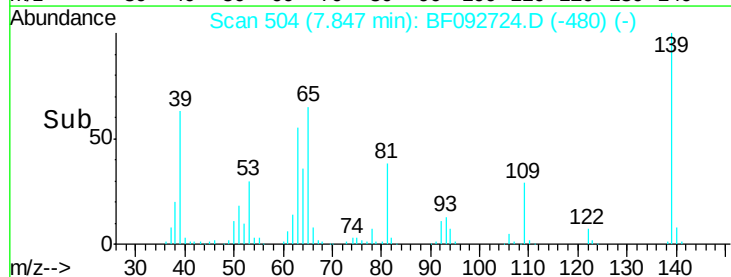
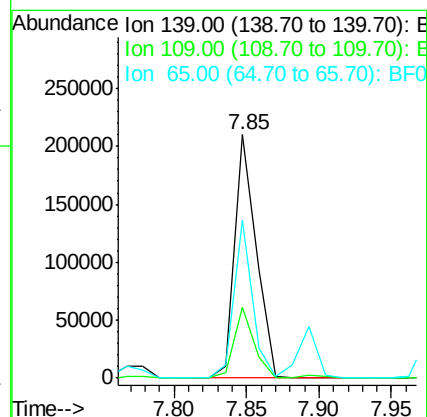
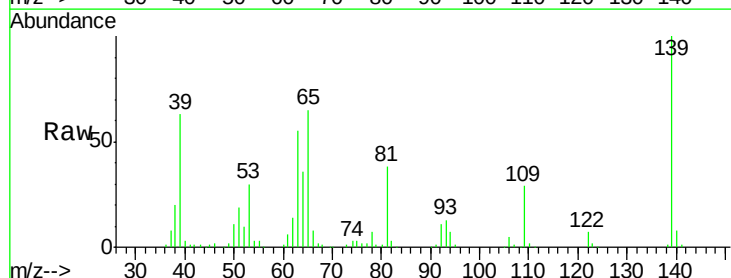
Tgt Ion: 139 Resp: 216263

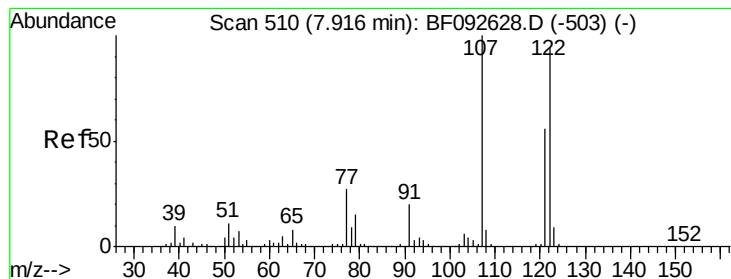
Ion Ratio Lower Upper

139 100

109 28.9 23.3 34.9

65 64.8 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 40.79 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

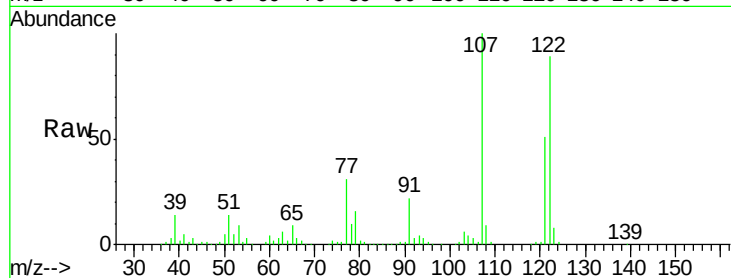
Tgt Ion:122 Resp: 397272

Ion Ratio Lower Upper

122 100

107 112.9 94.1 141.1

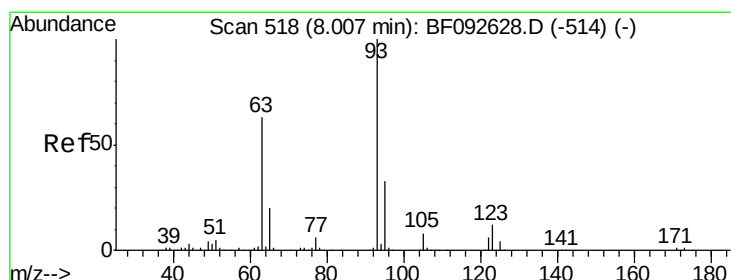
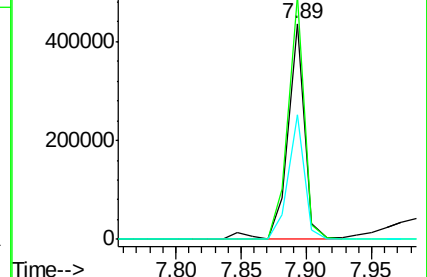
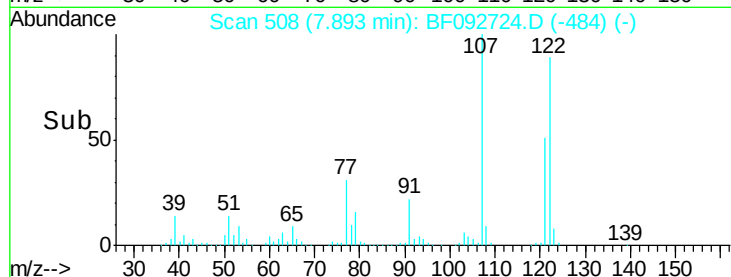
121 57.5 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.48 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

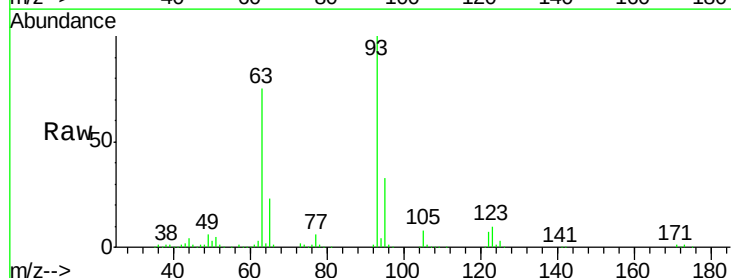
Tgt Ion: 93 Resp: 567519

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

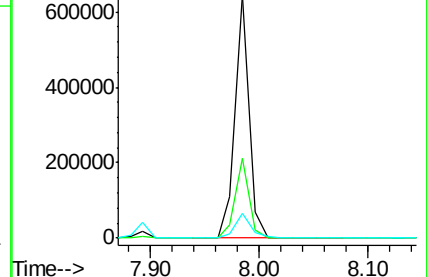
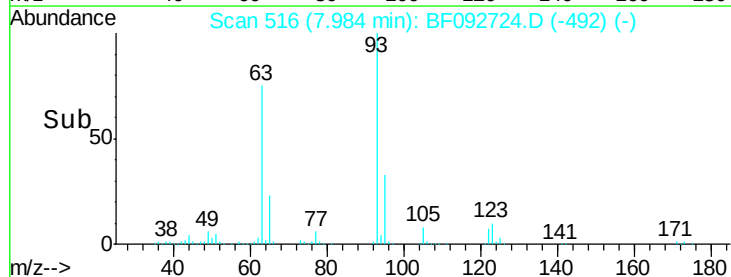
123 10.2 8.6 13.0

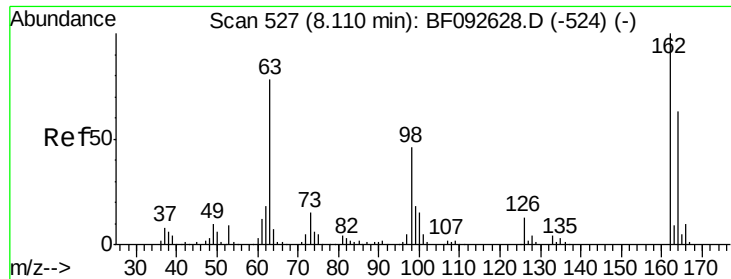


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

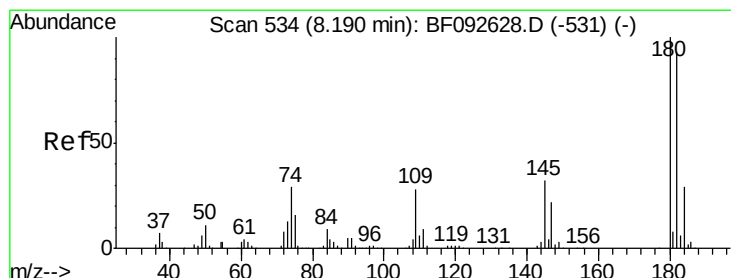
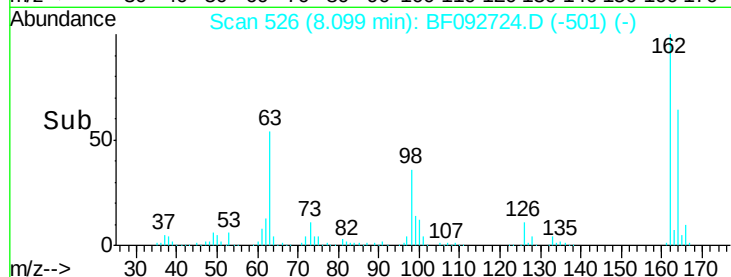
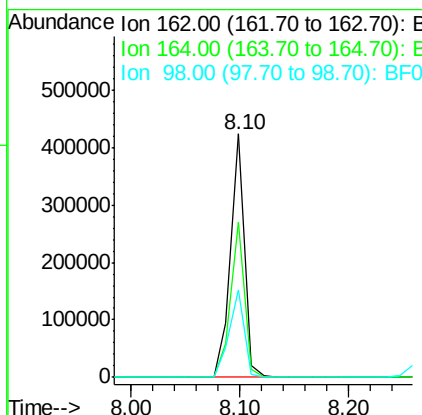
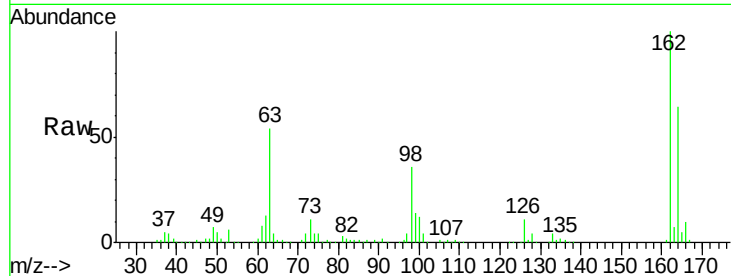




#29
 2,4-Dichlorophenol
 Concen: 41.12 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

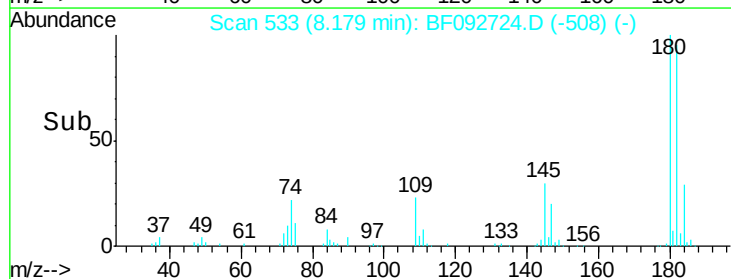
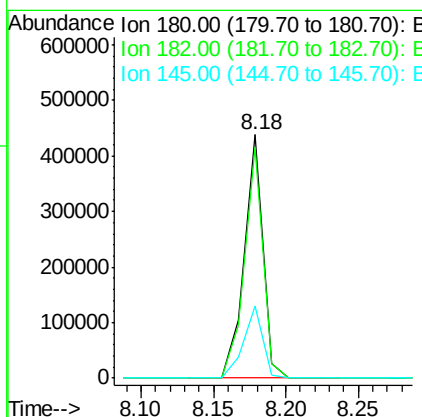
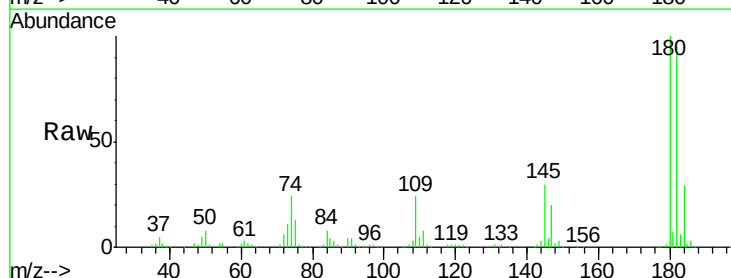
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

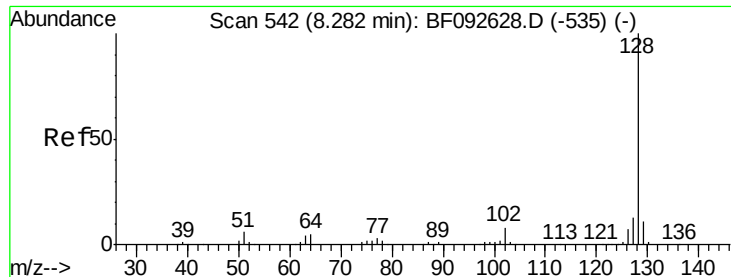
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	46.8	86.8
98	35.8	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.00 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	78.2	117.4
145	29.8	21.6	32.4

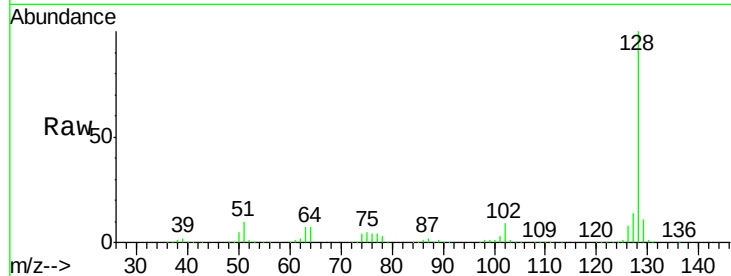




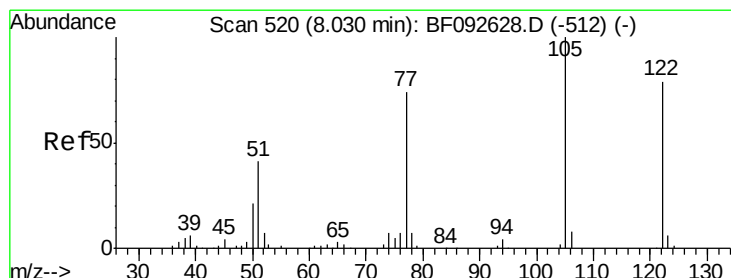
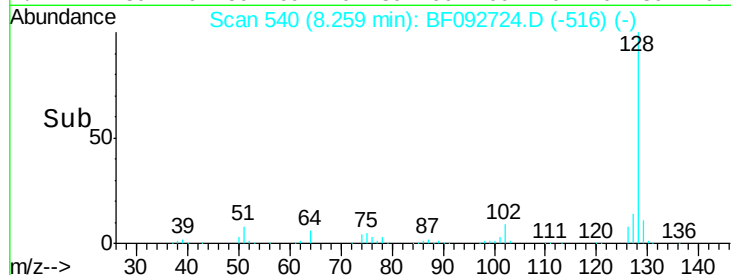
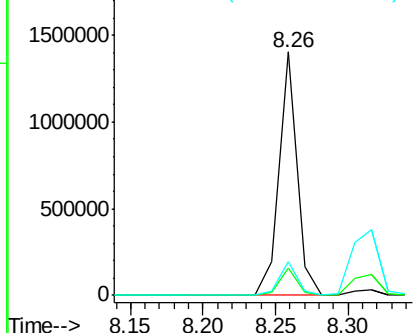
#31
Naphthalene
Concen: 37.83 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 1213333
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.7 10.8 16.2

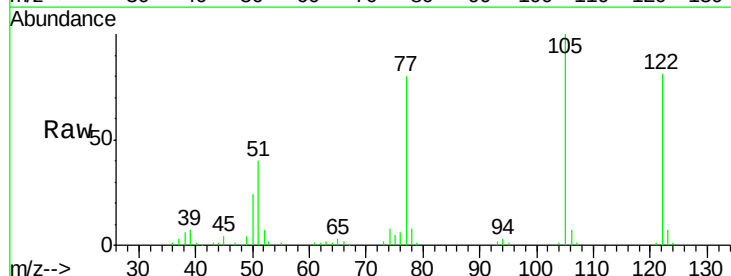


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

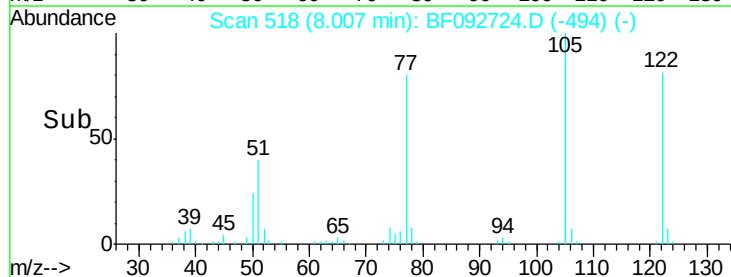
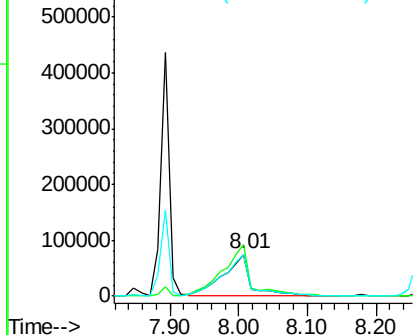


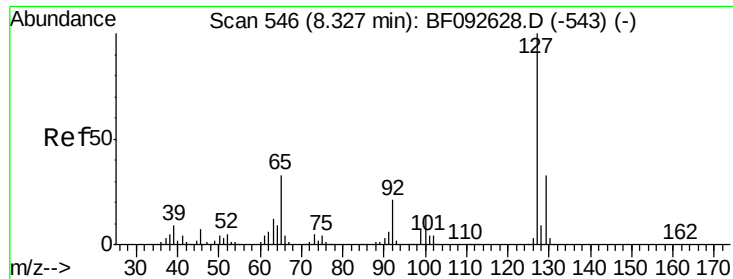
#32
Benzoic acid
Concen: 39.18 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Tgt Ion:122 Resp: 207673
Ion Ratio Lower Upper
122 100
105 124.1 107.2 147.2
77 99.4 74.5 114.5



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

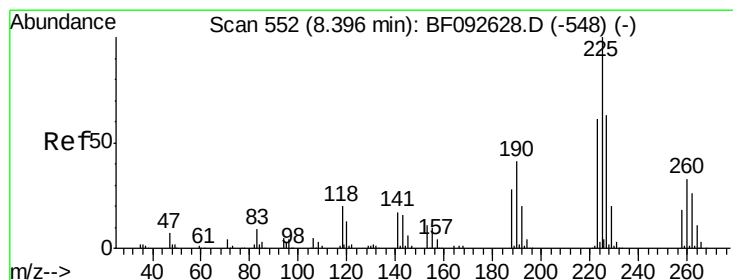
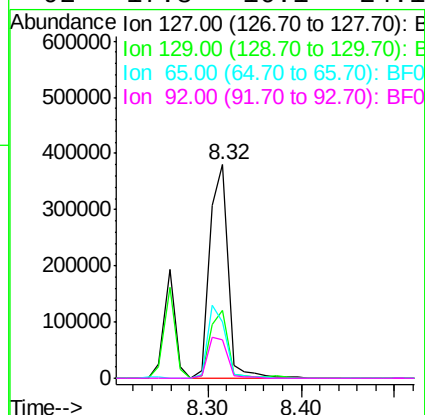
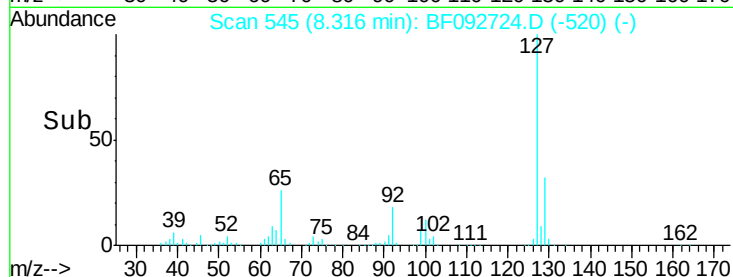
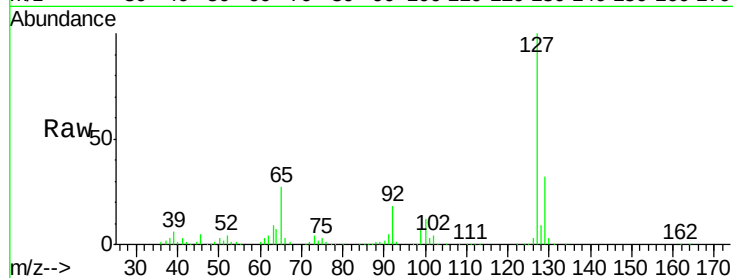




#33
4-Chloroaniline
Concen: 41.33 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

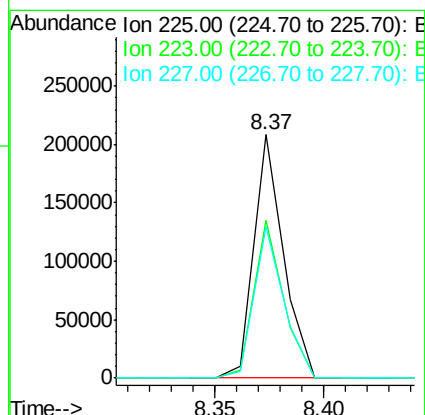
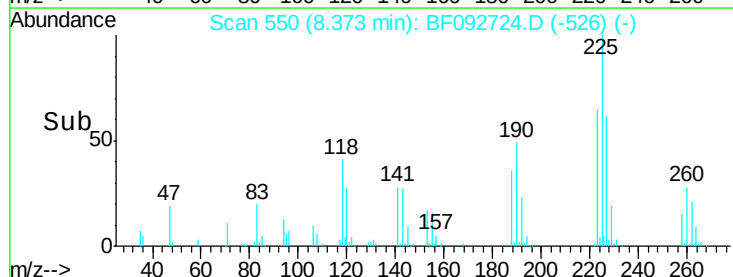
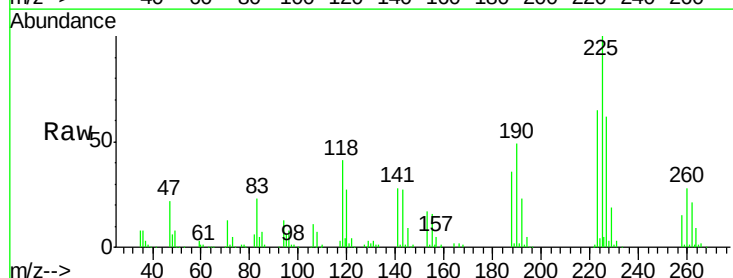
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

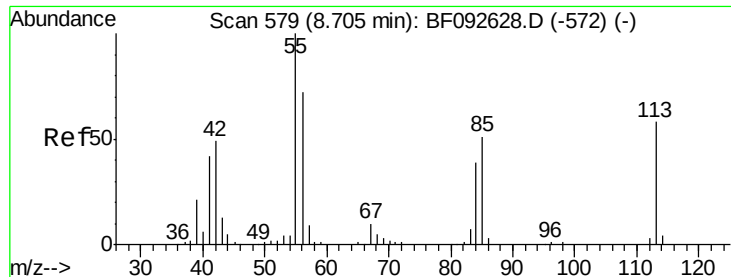
Tgt Ion:	127	Resp:	519828
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	26.5	25.8	38.8
92	17.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 36.31 ng
RT: 8.37 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Tgt Ion:	225	Resp:	195540
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.0	76.6
227	62.2	50.6	76.0

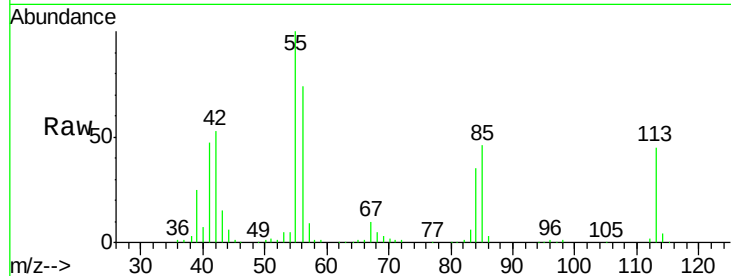




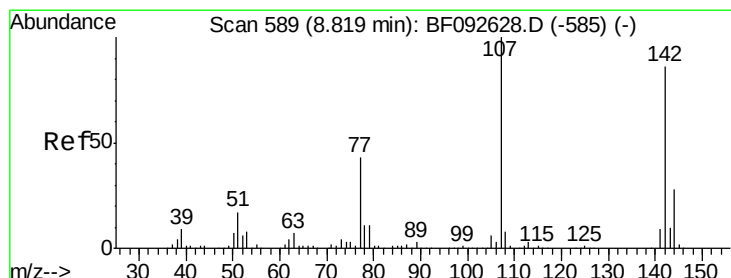
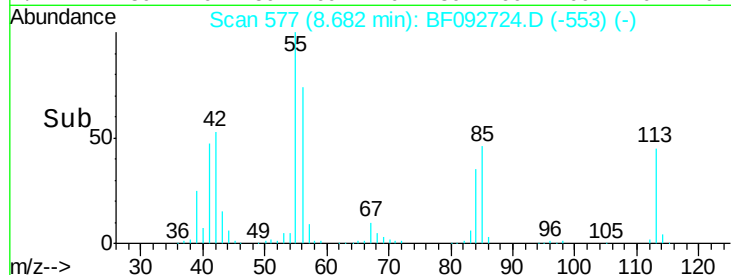
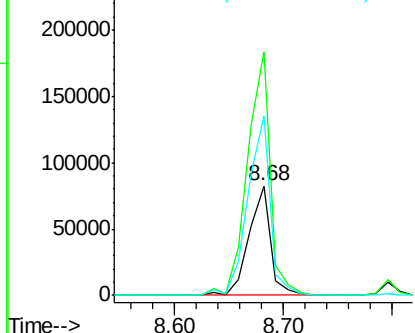
#35
 Caprolactam
 Concen: 40.18 ng
 RT: 8.68 min Scan# 577
 Delta R.T. -0.02 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 114793
 Ion Ratio Lower Upper
 113 100
 55 222.5 119.2 159.2#
 56 163.7 83.8 123.8#

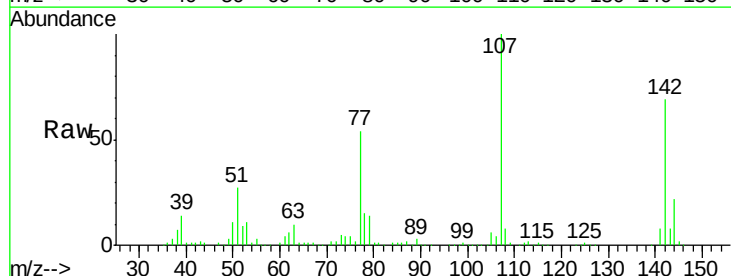


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

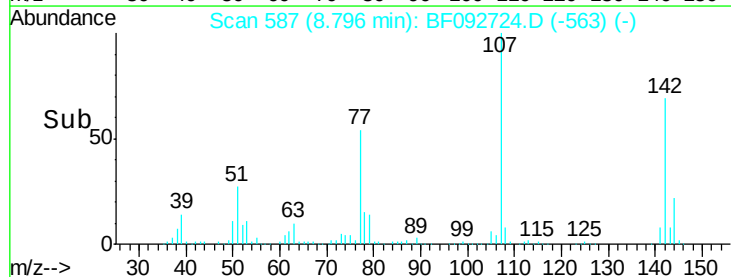
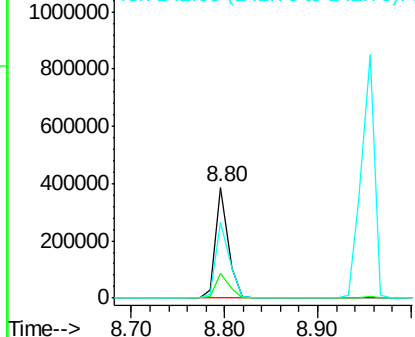


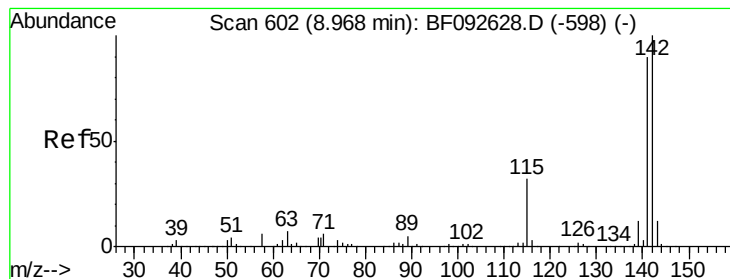
#36
 4-Chloro-3-methylphenol
 Concen: 38.56 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Tgt Ion:107 Resp: 365188
 Ion Ratio Lower Upper
 107 100
 144 21.7 19.3 28.9
 142 68.7 59.0 88.6



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: 40.65 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

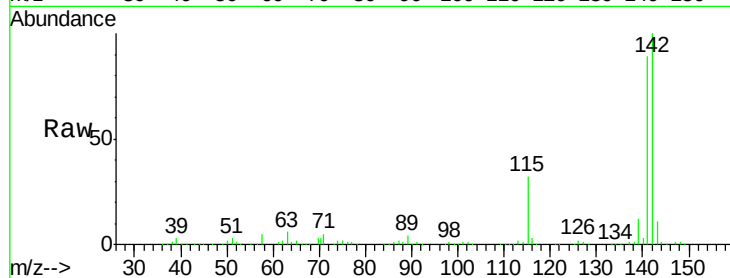
Tgt Ion:142 Resp: 837020

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

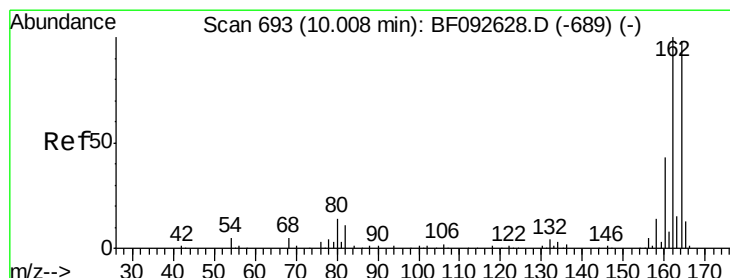
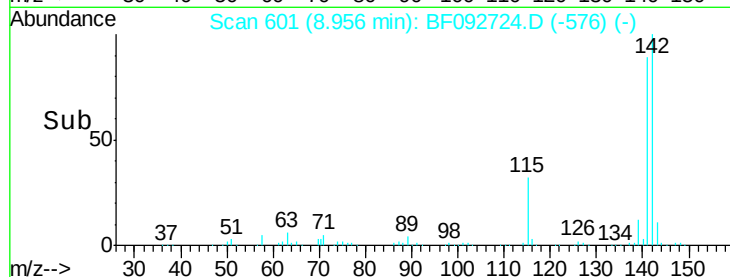
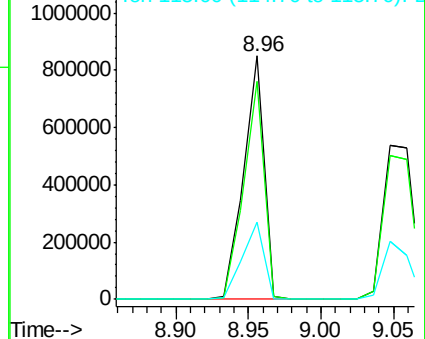
115 31.8 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

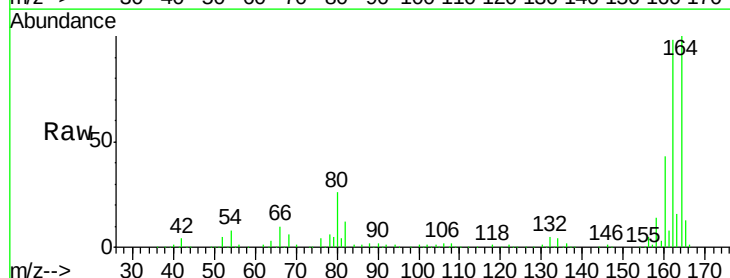
Tgt Ion:164 Resp: 326131

Ion Ratio Lower Upper

164 100

162 98.3 80.2 120.2

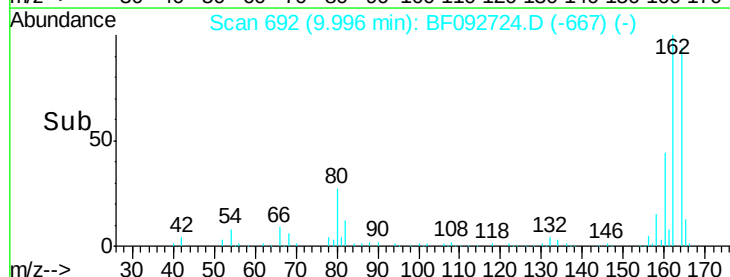
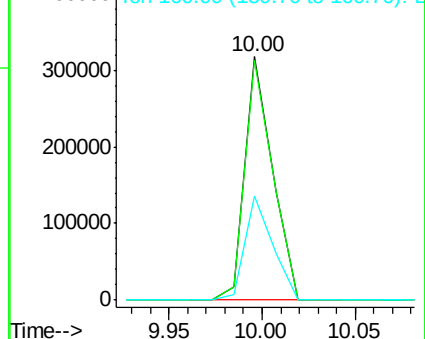
160 42.9 36.9 55.3

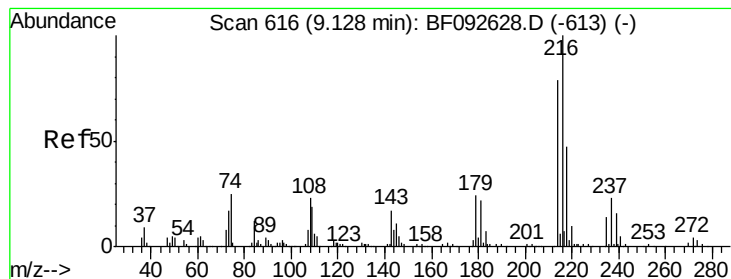


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.56 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 343827

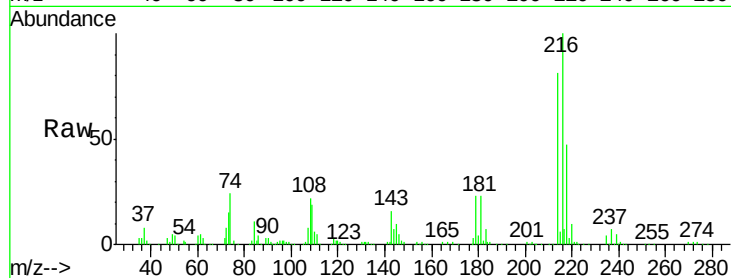
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.0

179 21.4 17.4 26.2

108 20.6 15.6 23.4

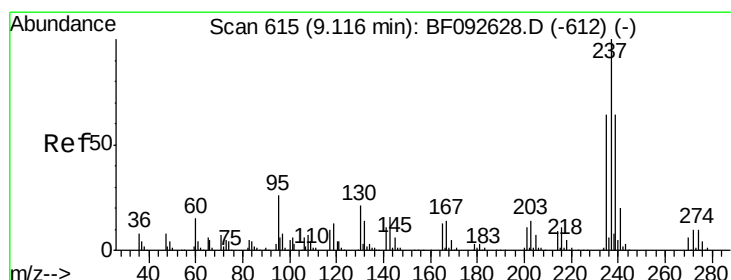
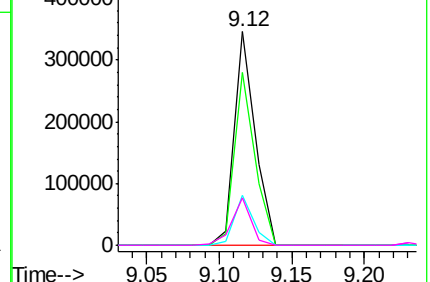
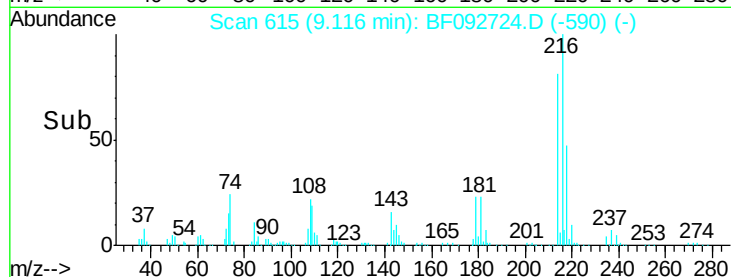


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.07 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

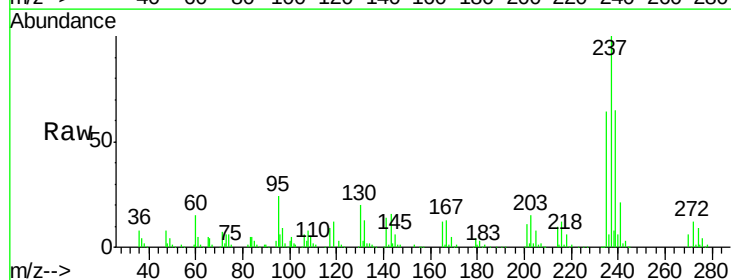
Tgt Ion:237 Resp: 153105

Ion Ratio Lower Upper

237 100

235 64.0 41.2 81.2

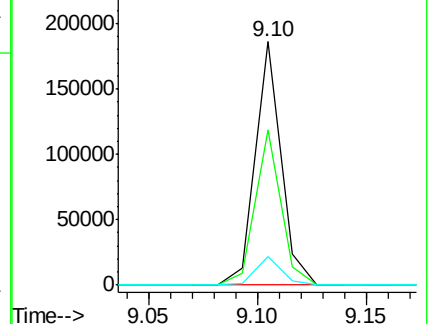
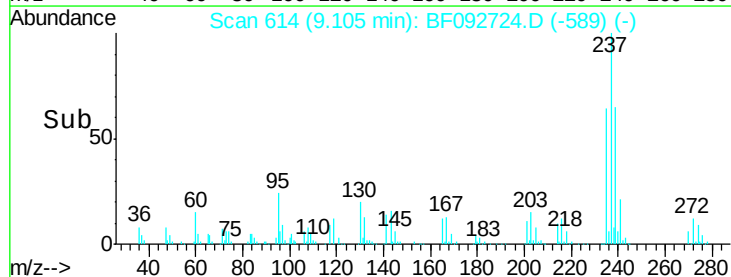
272 11.5 0.0 35.4

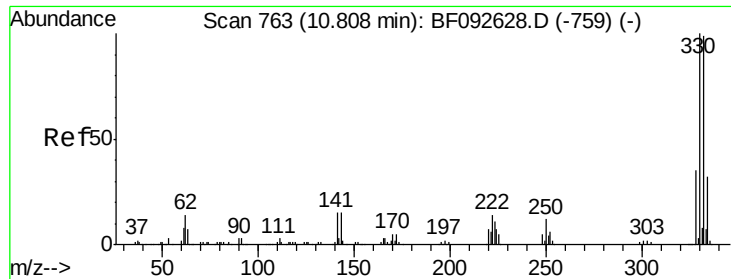


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

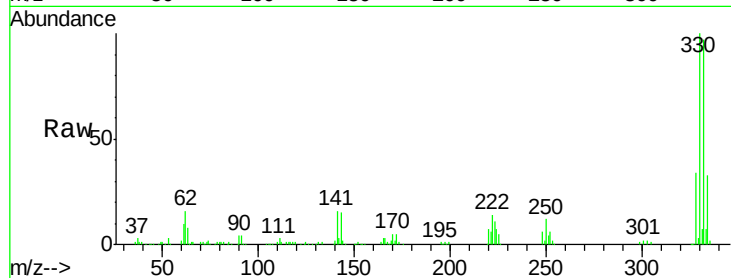




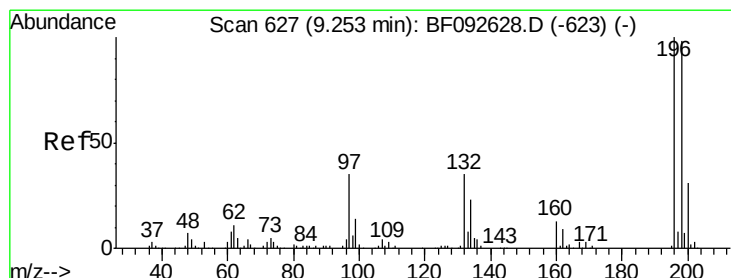
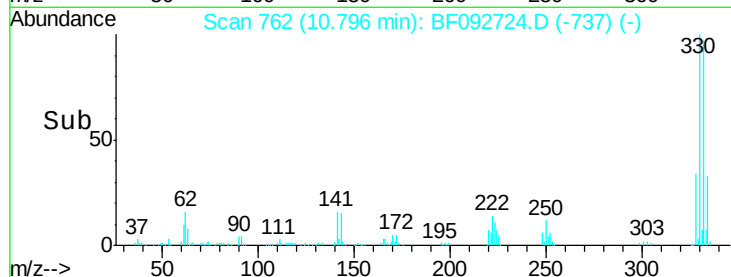
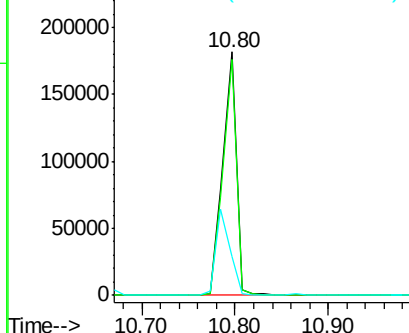
#41
 2,4,6-Tribromophenol
 Concen: 78.47 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 185089
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.4 116.2
 141 36.5 34.1 51.1

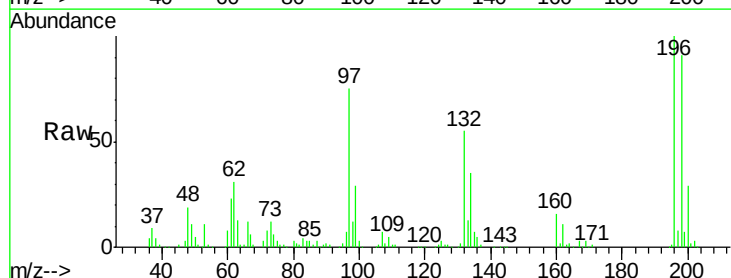


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

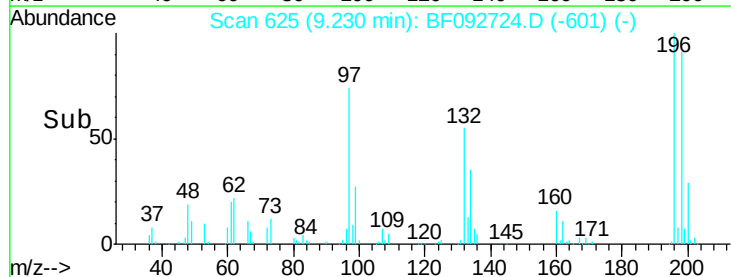
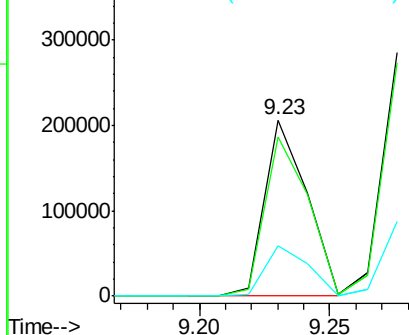


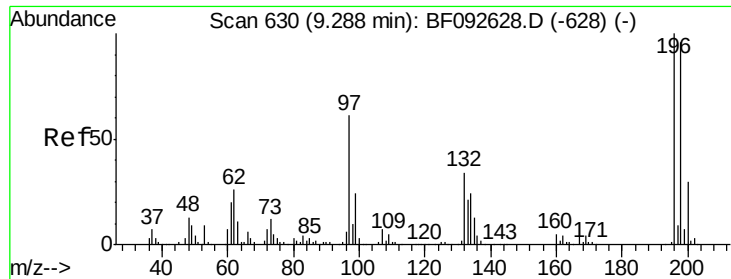
#42
 2,4,6-Trichlorophenol
 Concen: 38.65 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Tgt Ion:196 Resp: 232474
 Ion Ratio Lower Upper
 196 100
 198 90.7 82.1 123.1
 200 28.5 27.0 40.4



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

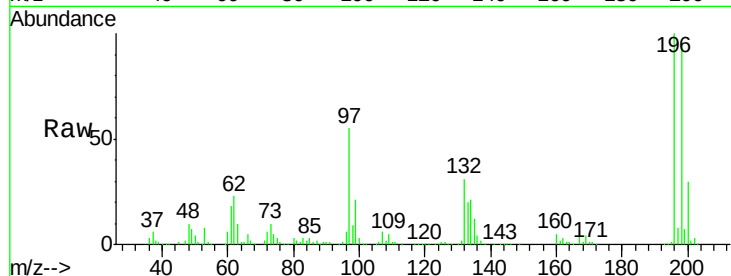




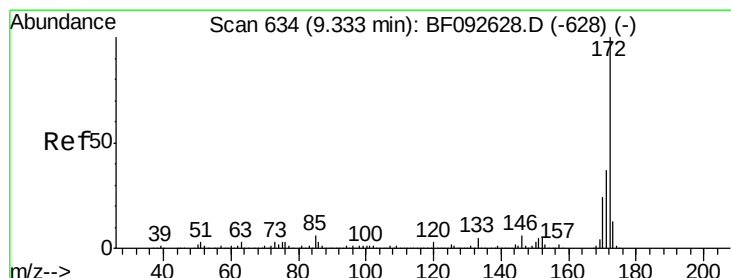
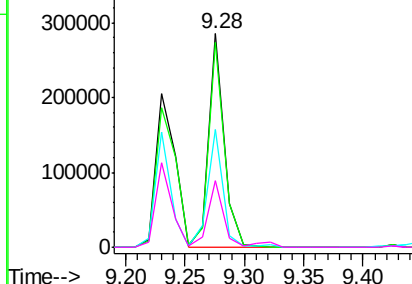
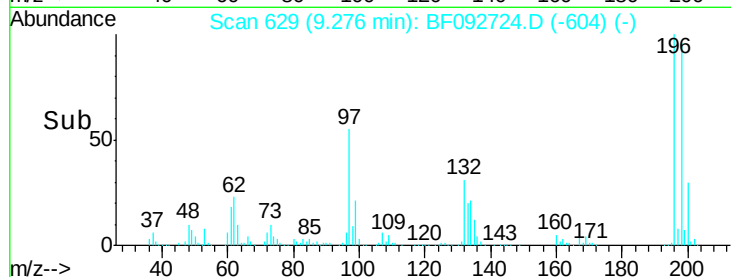
#43
 2,4,5-Trichlorophenol
 Concen: 39.61 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	261055
Ion	Ratio	Lower	Upper
196	100		
198	95.8	79.4	119.2
97	55.2	51.5	77.3
132	31.3	27.4	41.2

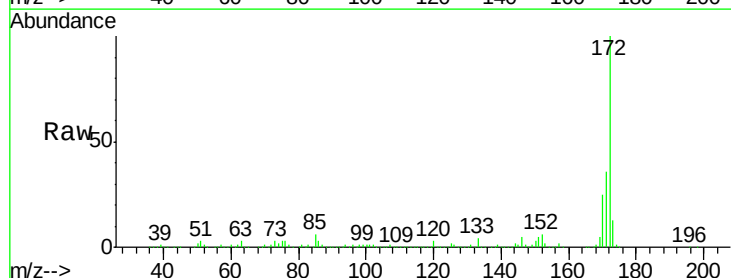


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

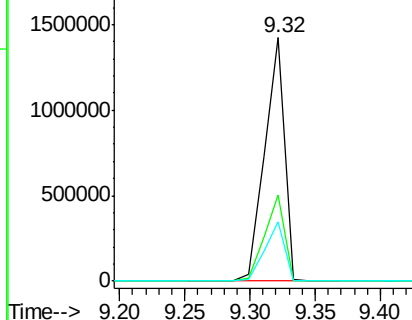
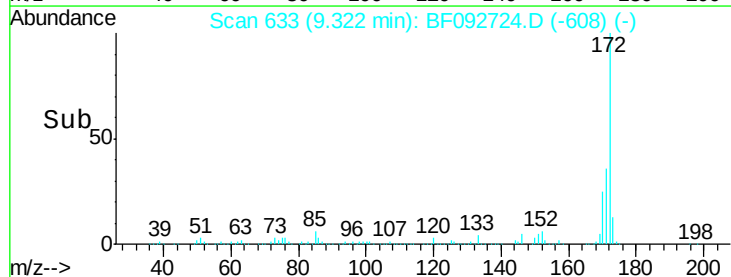


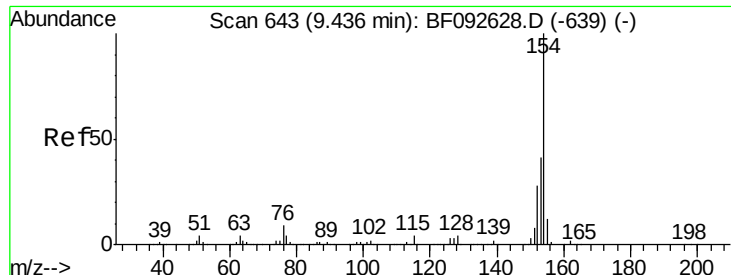
#44
 2-Fluorobiphenyl
 Concen: 84.14 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Tgt Ion:	172	Resp:	1514673
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.5	20.2	30.4



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

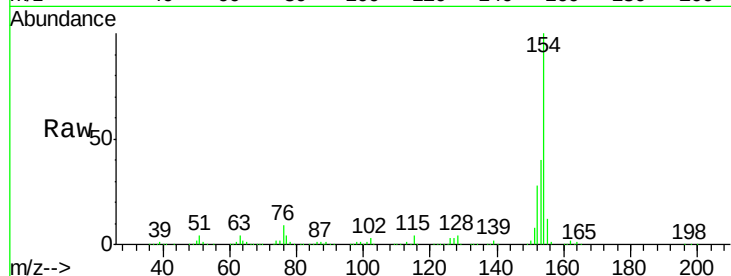




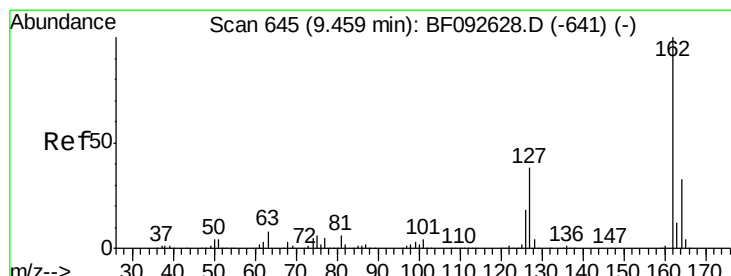
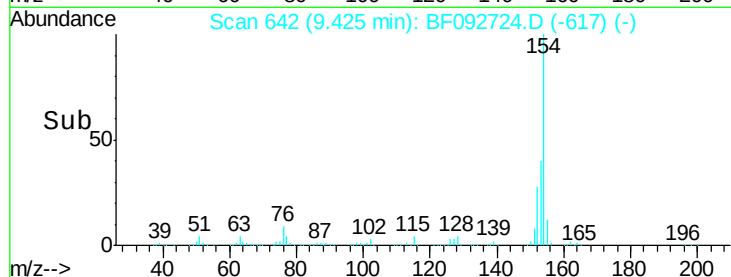
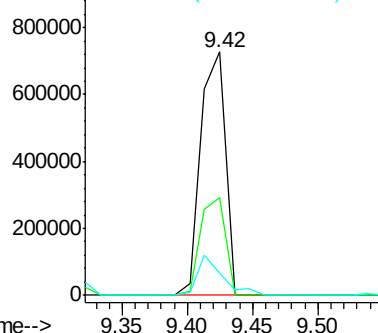
#45
 1,1'-Biphenyl
 Concen: 40.19 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 949000
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.9 60.9
 76 9.1 0.0 30.5

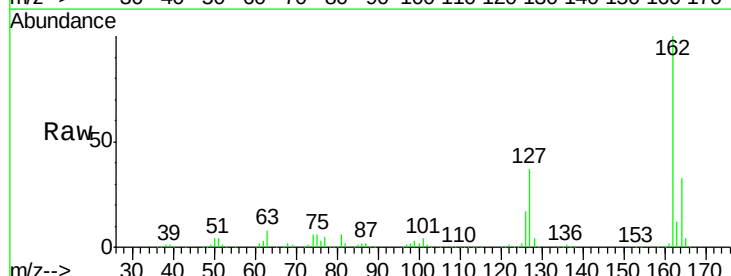


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

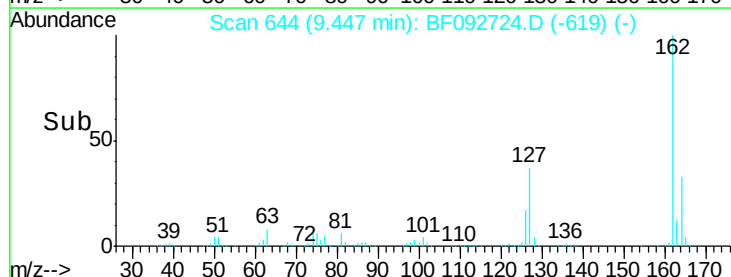
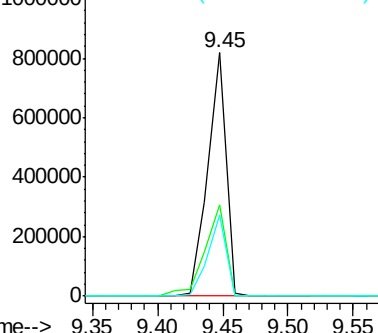


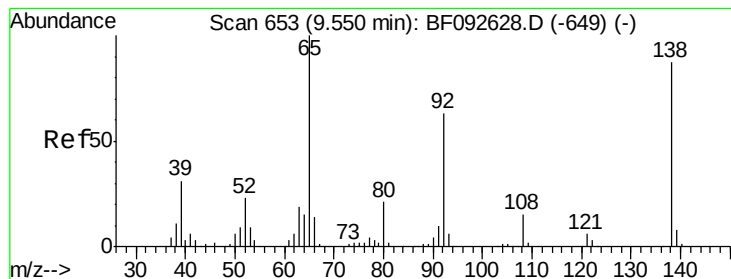
#46
 2-Chloronaphthalene
 Concen: 42.93 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Tgt Ion:162 Resp: 793034
 Ion Ratio Lower Upper
 162 100
 127 37.3 30.7 46.1
 164 33.2 27.6 41.4



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





#47

2-Nitroaniline

Concen: 39.87 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

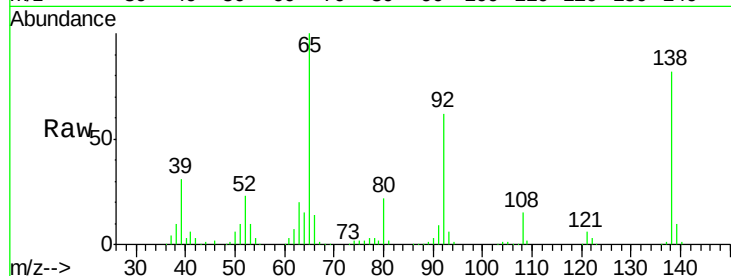
Tgt Ion: 65 Resp: 247656

Ion Ratio Lower Upper

65 100

92 61.8 53.9 80.9

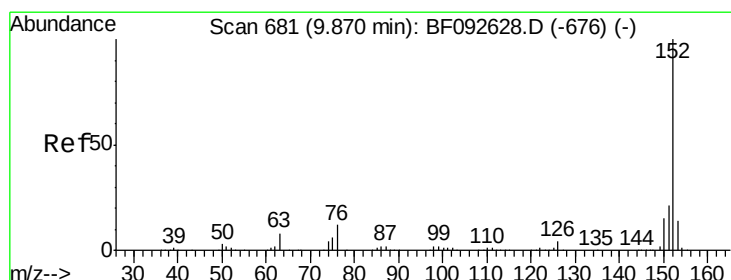
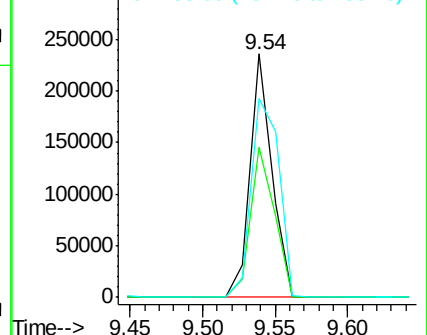
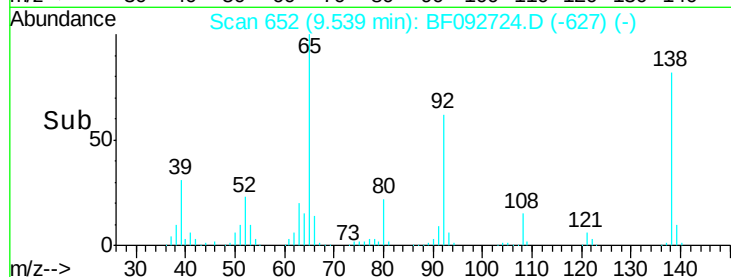
138 81.5 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 36.54 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

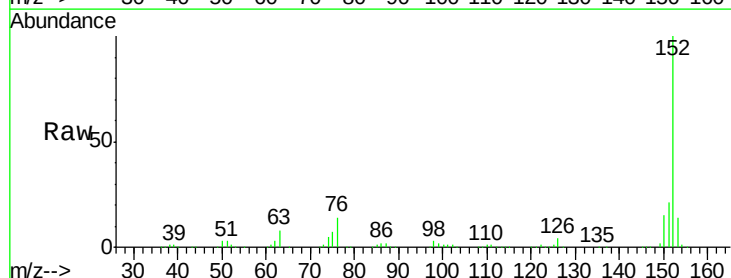
Tgt Ion: 152 Resp: 1166217

Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

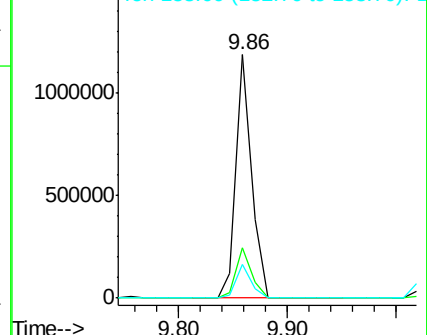
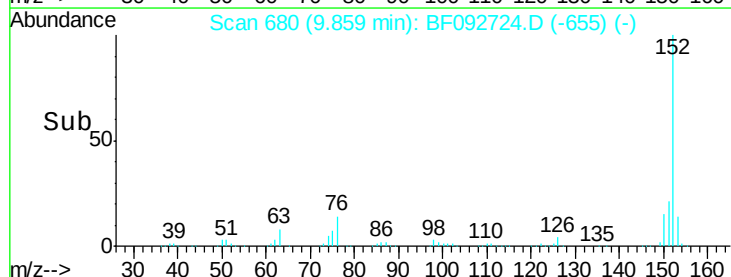
153 13.7 11.4 17.2

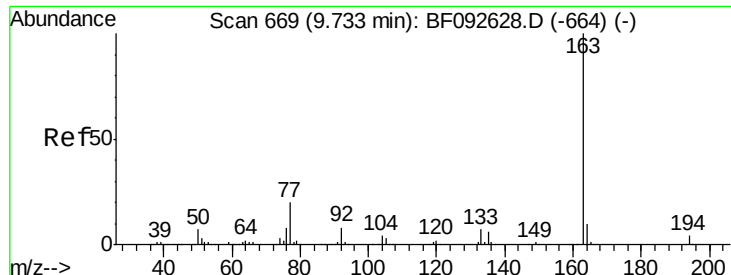


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 40.01 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

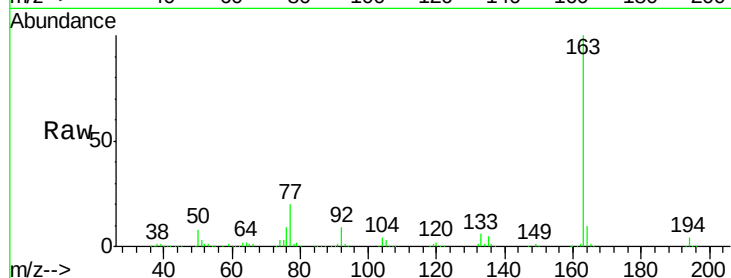
Tgt Ion:163 Resp: 878922

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

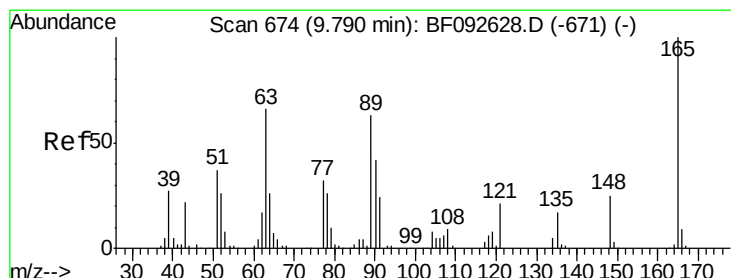
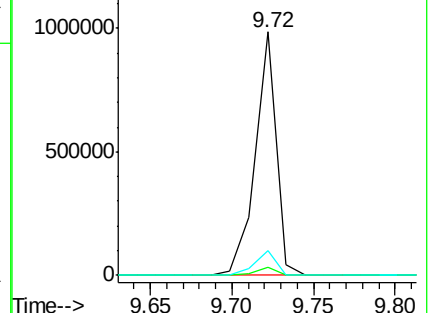
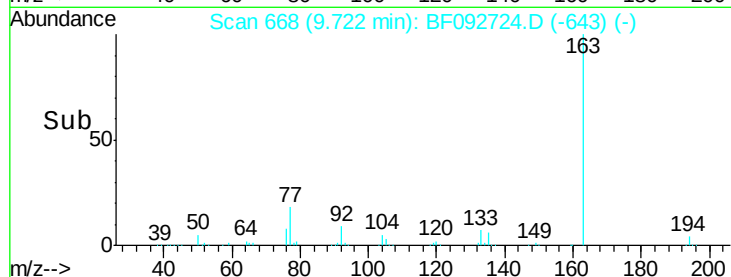
164 10.2 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.73 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

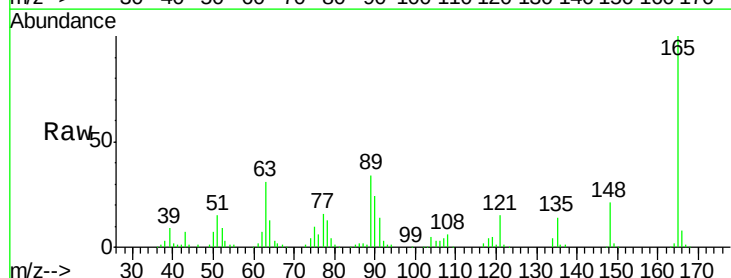
Tgt Ion:165 Resp: 197968

Ion Ratio Lower Upper

165 100

63 30.9 36.2 54.4#

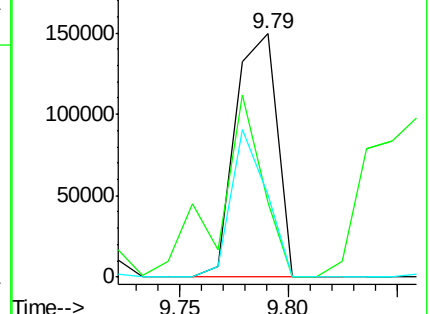
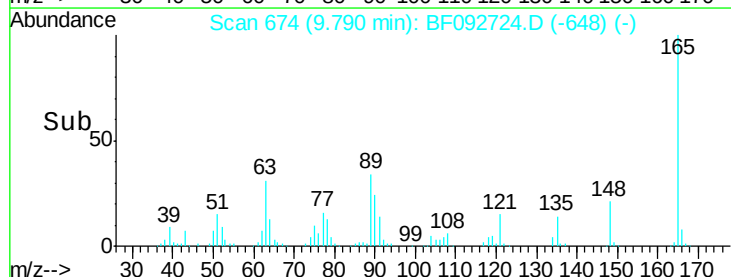
89 33.7 40.2 60.4#

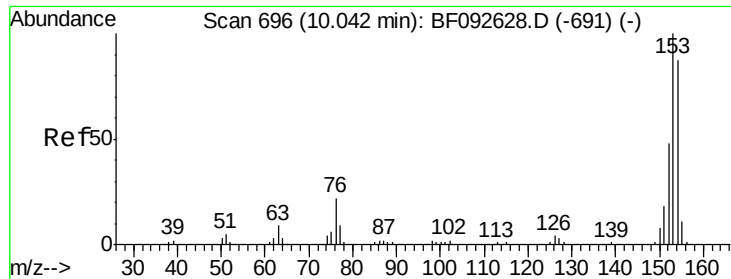


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.08 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

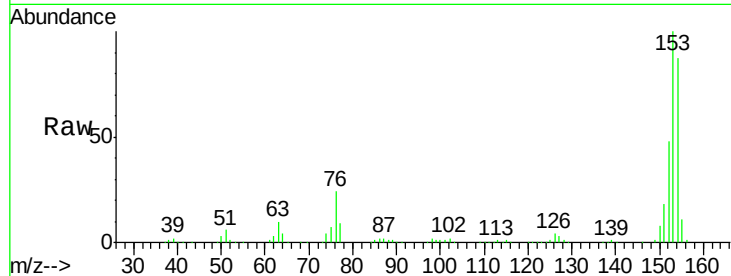
Tgt Ion:154 Resp: 707538

Ion Ratio Lower Upper

154 100

153 114.5 88.6 133.0

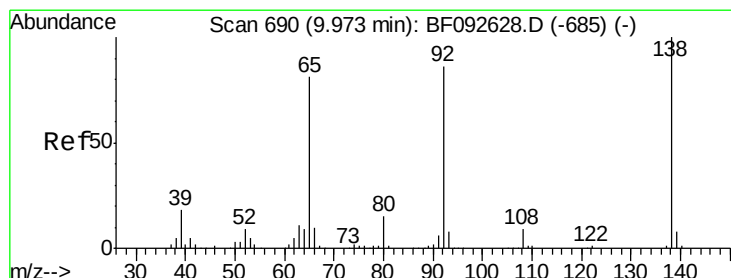
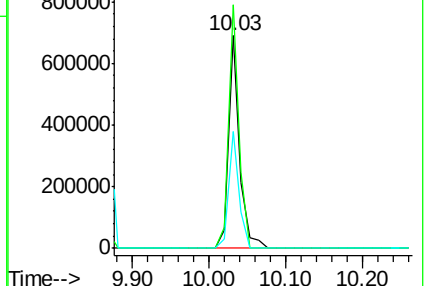
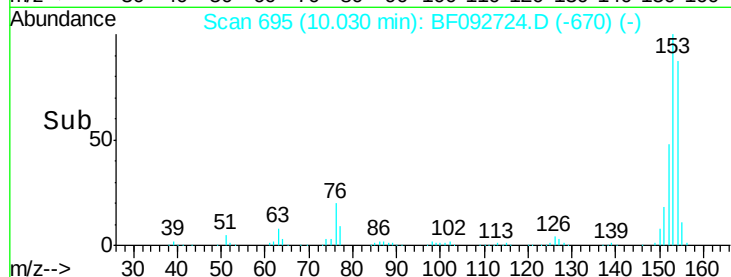
152 55.1 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.29 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

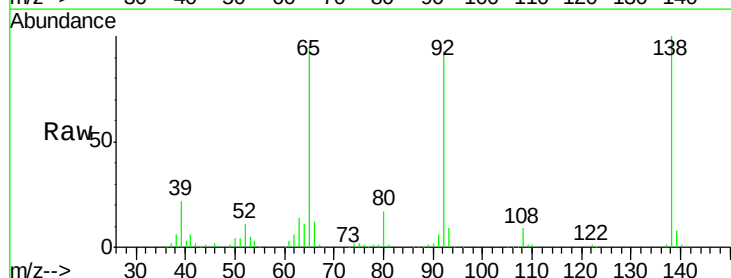
Tgt Ion:138 Resp: 229588

Ion Ratio Lower Upper

138 100

108 8.9 8.5 12.7

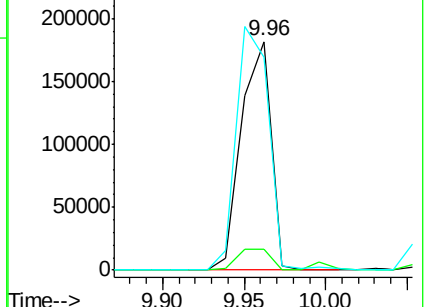
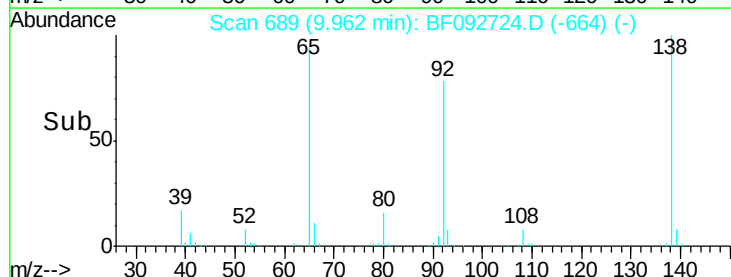
92 93.4 97.8 146.8#

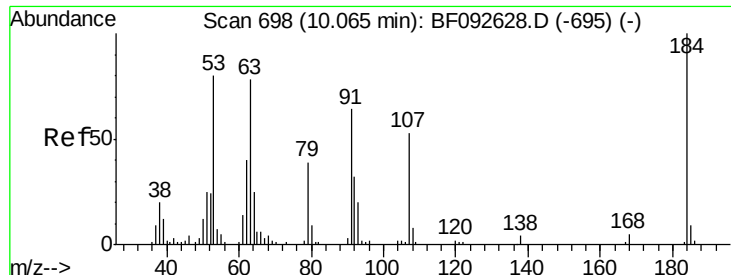


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

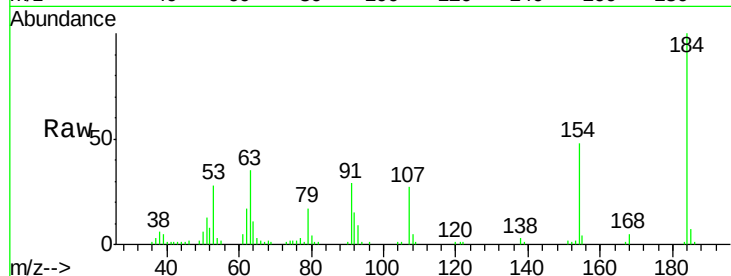




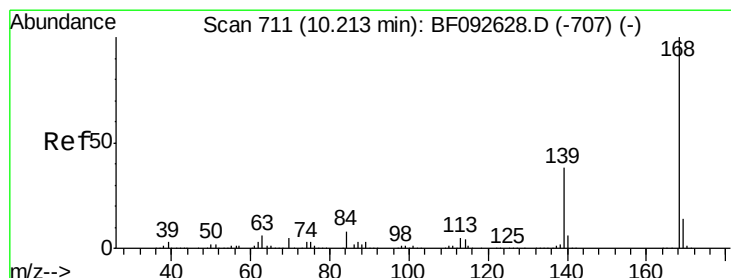
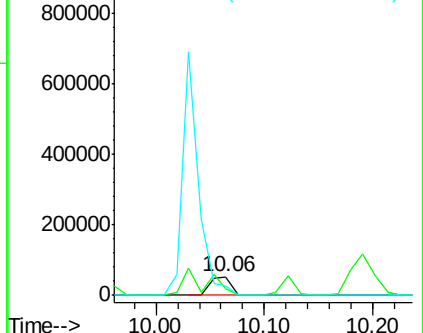
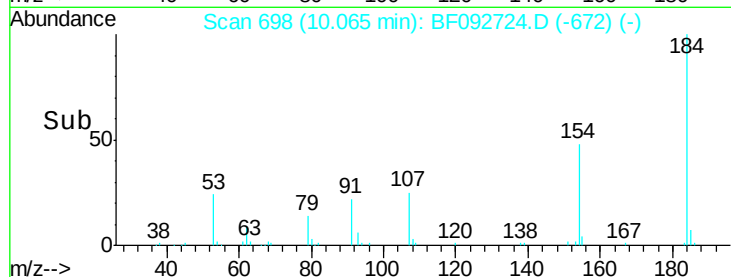
#53
2,4-Dinitrophenol
Concen: 33.52 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 73834
Ion Ratio Lower Upper
184 100
63 34.8 28.4 42.6
154 48.3 44.3 66.5

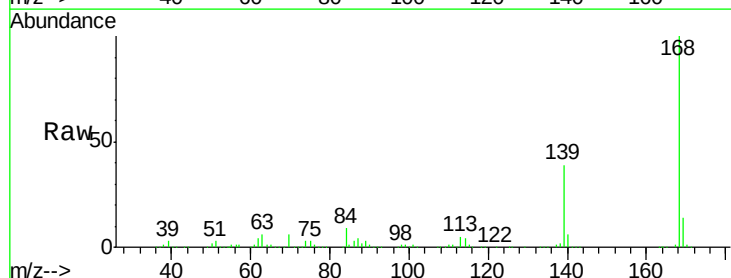


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

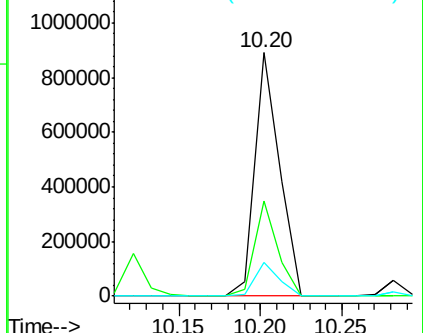
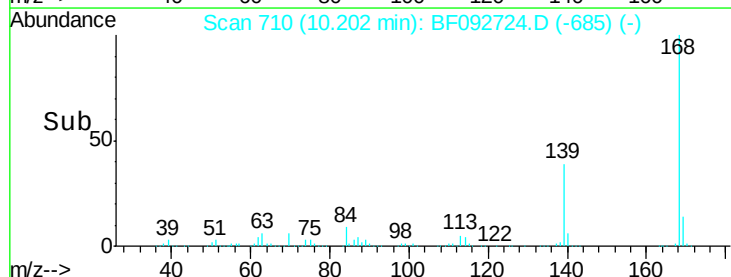


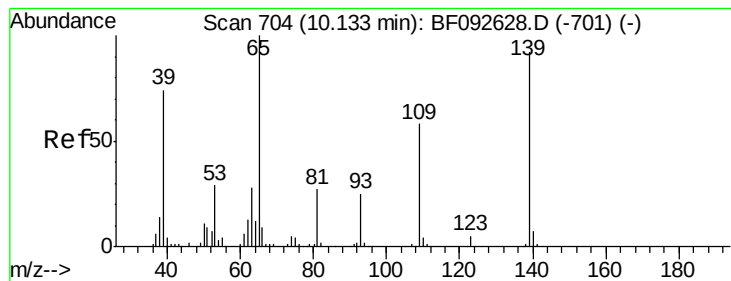
#54
Dibenzofuran
Concen: 36.80 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Tgt Ion:168 Resp: 939134
Ion Ratio Lower Upper
168 100
139 39.2 32.6 49.0
169 14.1 11.3 16.9



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





#55

4-Nitrophenol

Concen: 35.91 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

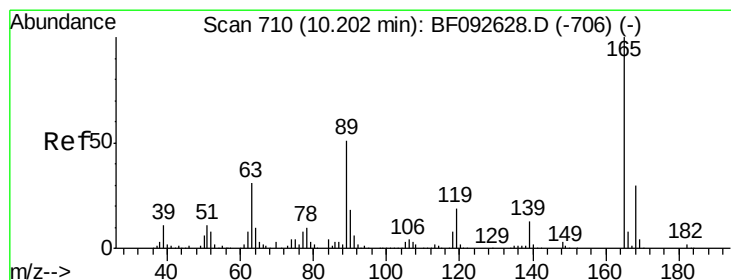
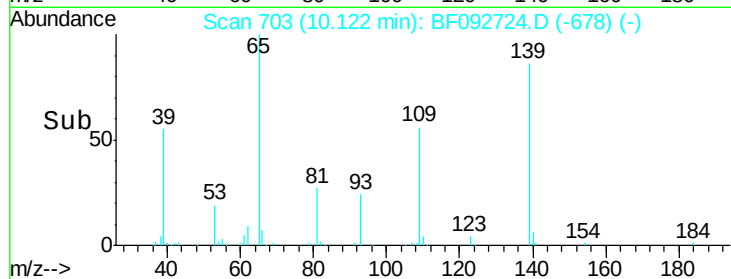
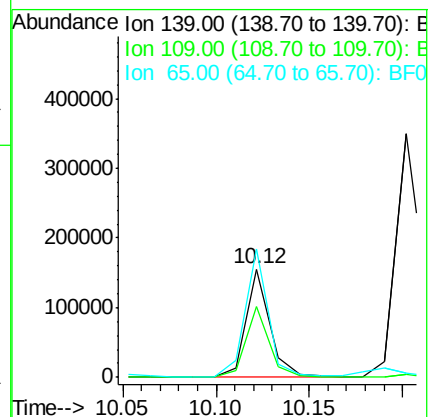
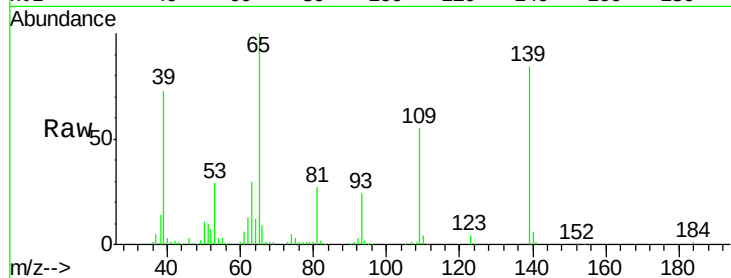
Tgt Ion:139 Resp: 140398

Ion Ratio Lower Upper

139 100

109 65.4 52.2 92.2

65 118.6 85.8 125.8



#56

2,4-Dinitrotoluene

Concen: 44.13 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Tgt Ion:165 Resp: 278694

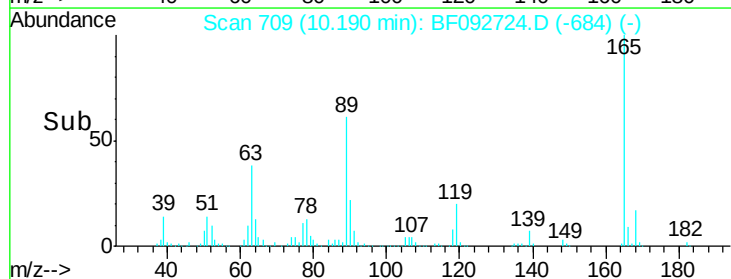
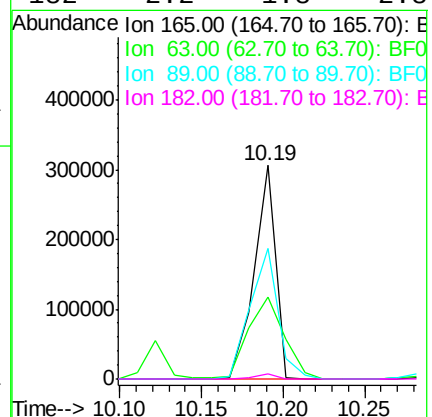
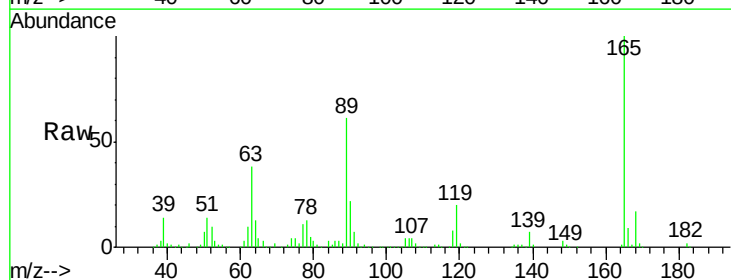
Ion Ratio Lower Upper

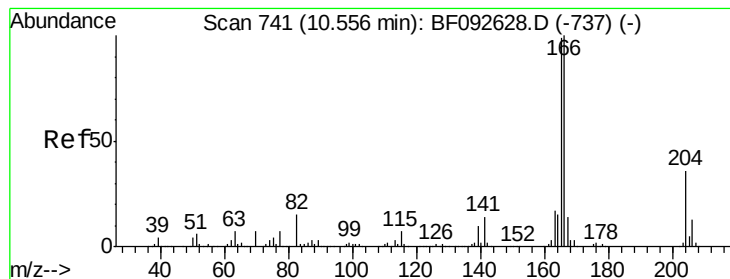
165 100

63 38.3 40.2 60.4#

89 61.4 62.5 93.7#

182 2.2 1.8 2.8





#57

Fluorene

Concen: 38.16 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

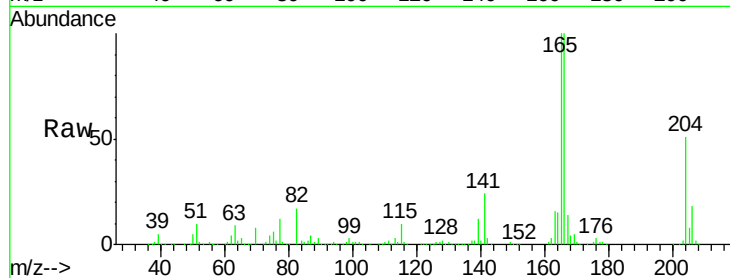
Tgt Ion:166 Resp: 749301

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.8

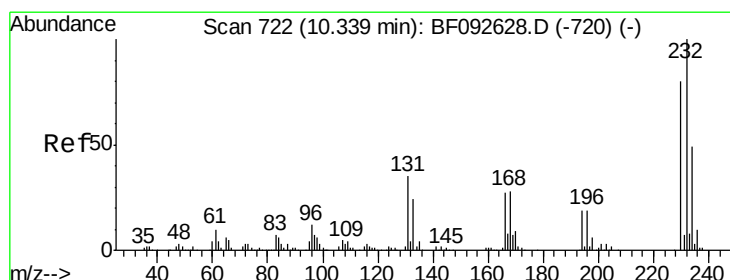
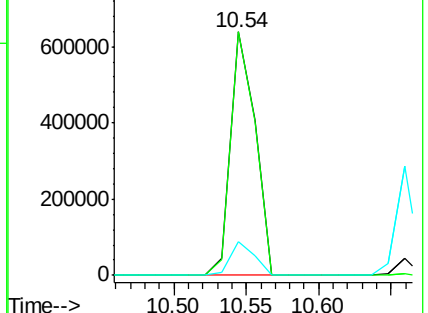
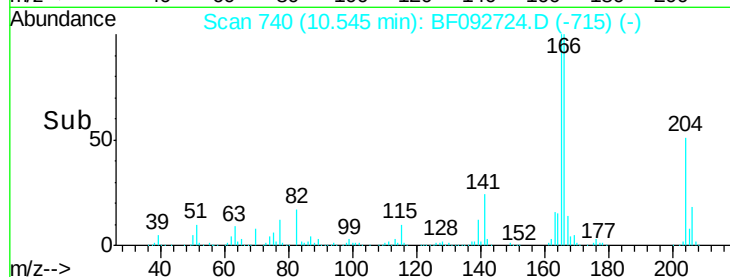
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.86 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Tgt Ion:232 Resp: 184048

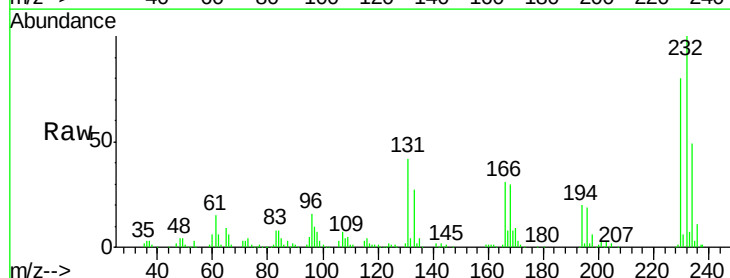
Ion Ratio Lower Upper

232 100

131 48.4 40.1 60.1

130 2.2 1.8 2.8

166 33.1 26.6 39.8

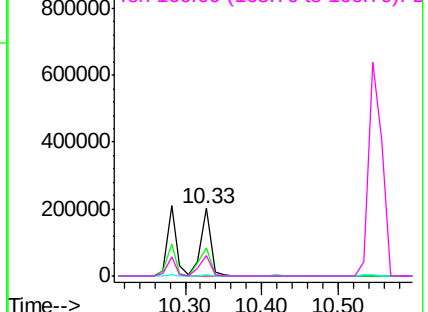
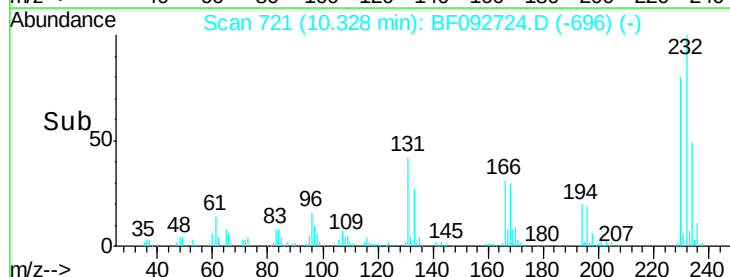


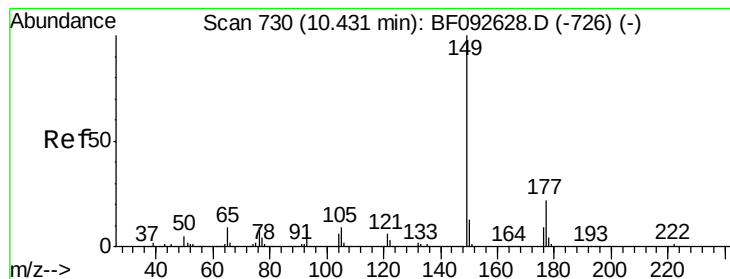
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.60 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

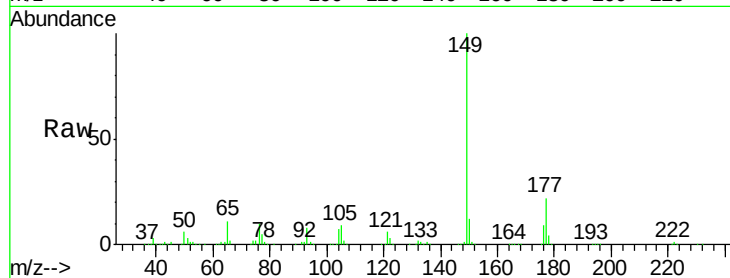
Tgt Ion:149 Resp: 799068

Ion Ratio Lower Upper

149 100

177 21.7 16.6 25.0

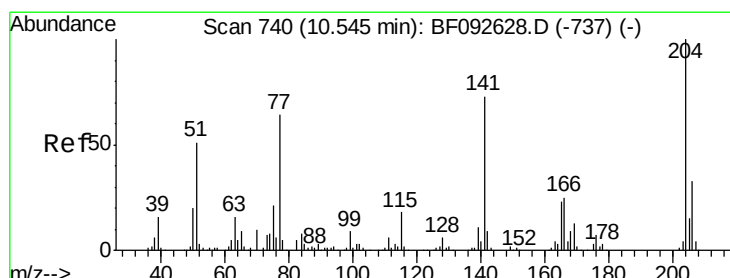
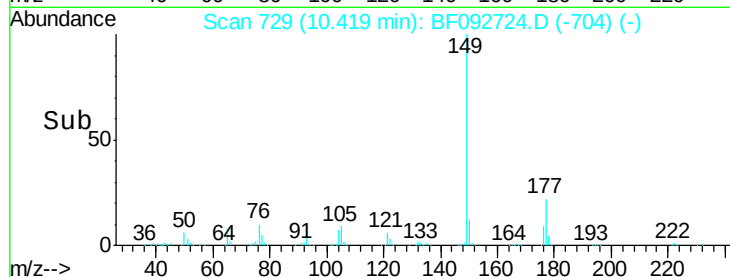
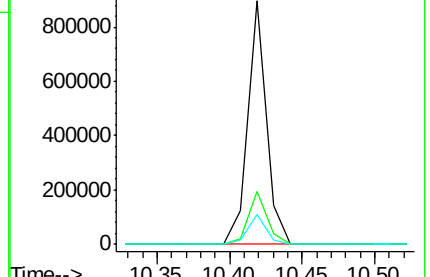
150 12.4 10.4 15.6



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: 38.82 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

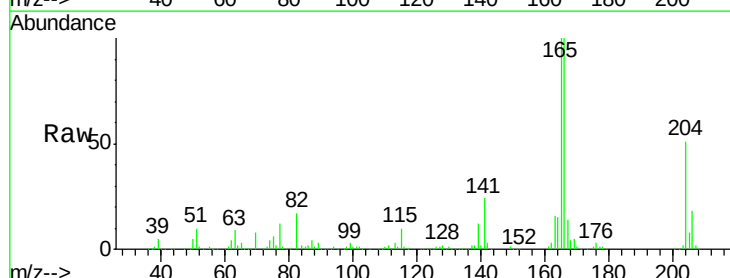
Tgt Ion:204 Resp: 366213

Ion Ratio Lower Upper

204 100

206 35.0 25.8 38.6

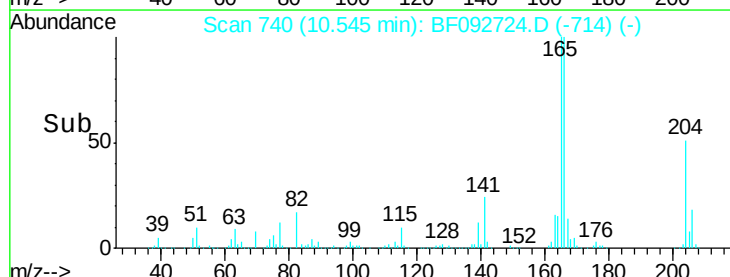
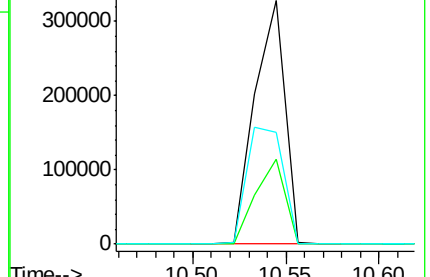
141 45.9 59.4 89.0#

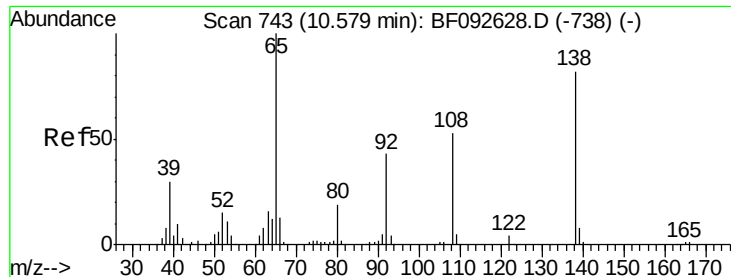


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

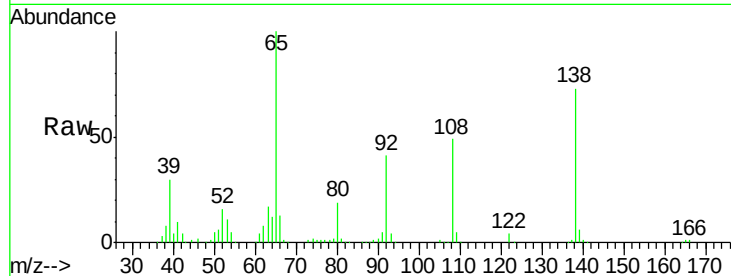




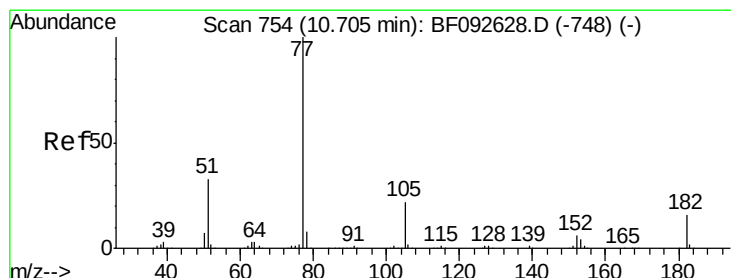
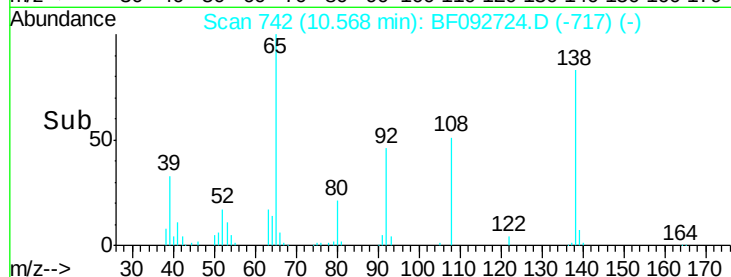
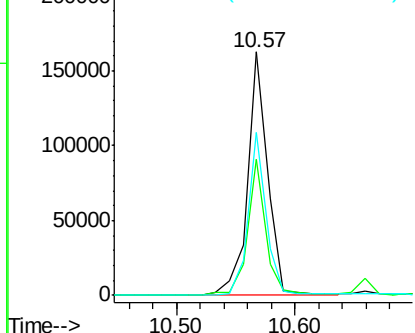
#61
4-Nitroaniline
Concen: 34.58 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:138 Resp: 192265
Ion Ratio Lower Upper
138 100
92 55.8 31.7 71.7
108 66.9 52.6 92.6

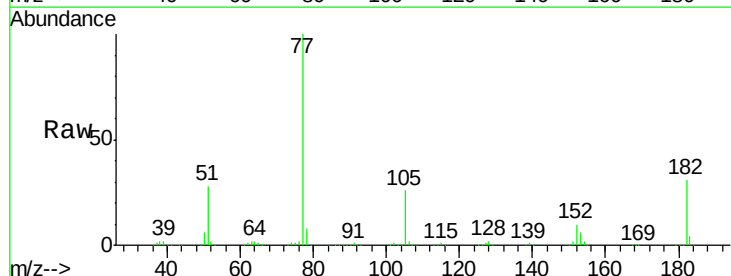


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

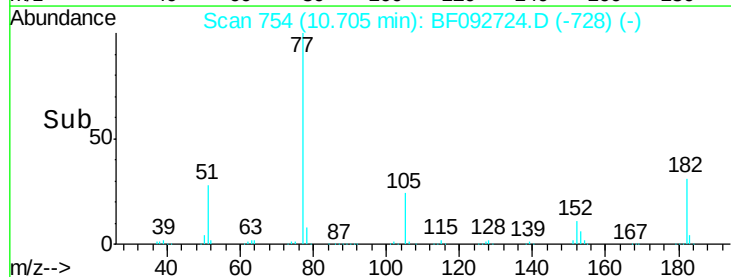
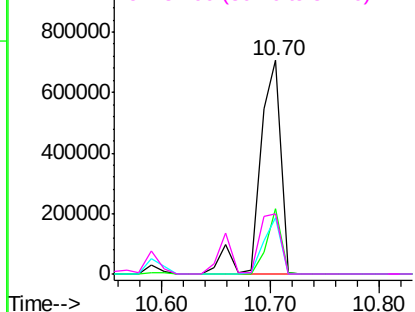


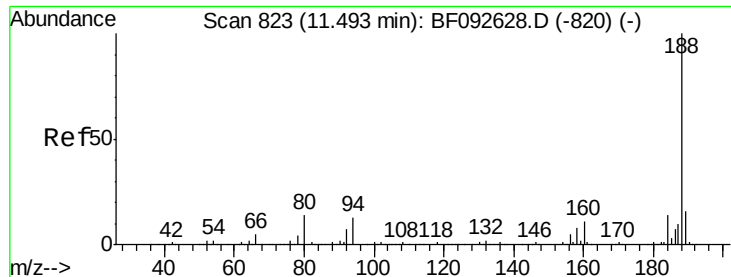
#62
Azobenzene
Concen: 44.70 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Tgt Ion: 77 Resp: 956018
Ion Ratio Lower Upper
77 100
182 30.6 0.0 39.3
105 26.1 2.3 42.3
51 28.2 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

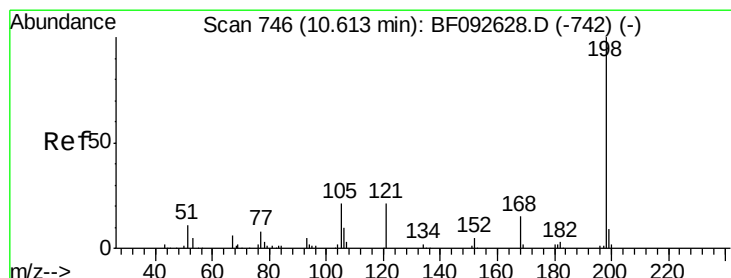
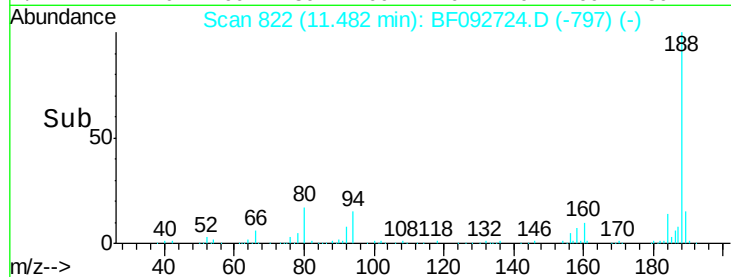
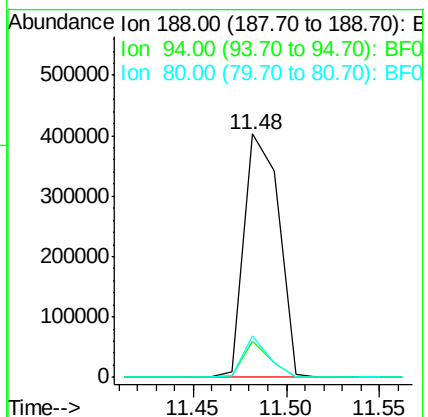
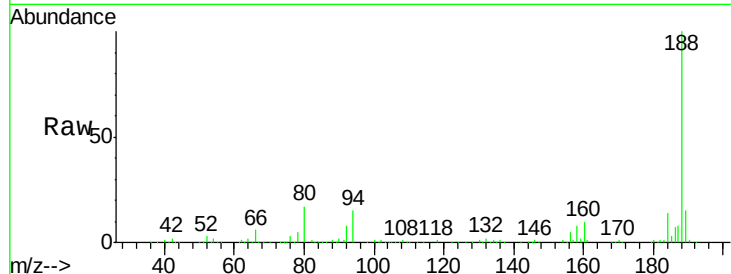




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

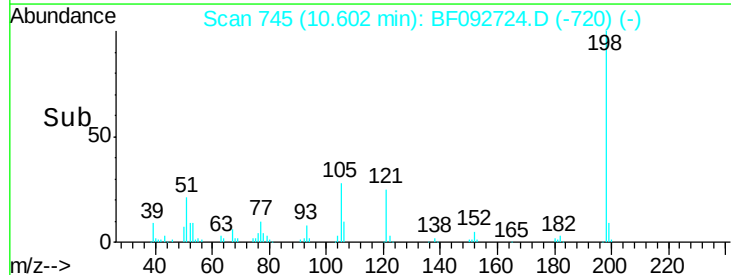
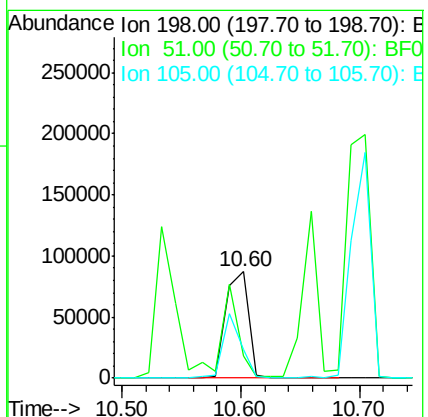
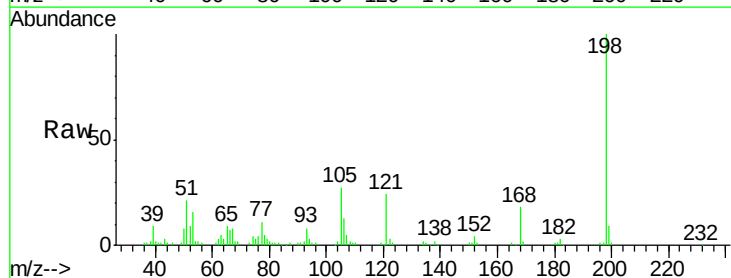
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

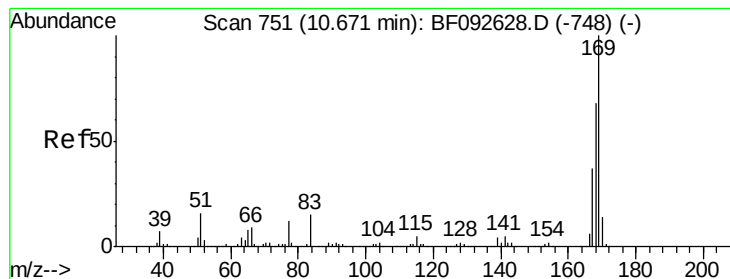
Tgt Ion:188 Resp: 522474
Ion Ratio Lower Upper
188 100
94 15.0 10.0 15.0#
80 16.7 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 36.98 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Tgt Ion:198 Resp: 115536
Ion Ratio Lower Upper
198 100
51 20.6 6.7 46.7
105 27.0 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 39.19 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

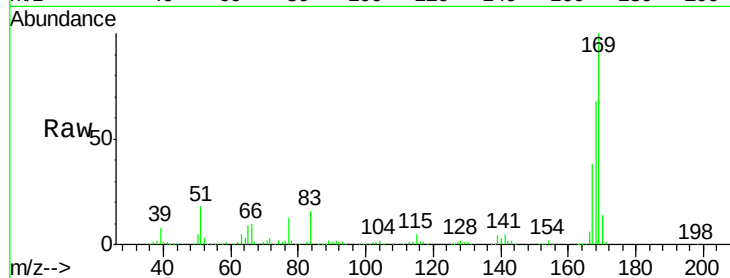
Tgt Ion:169 Resp: 654103

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

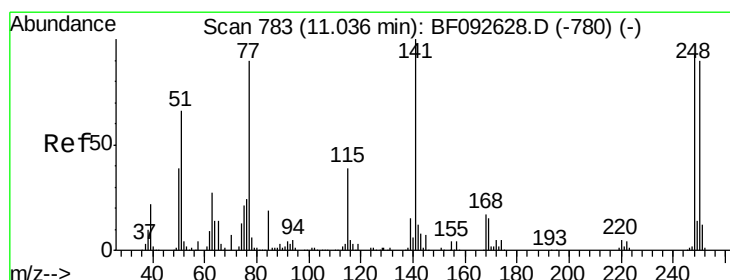
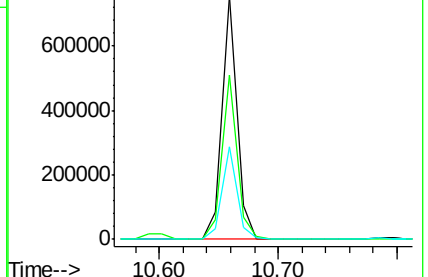
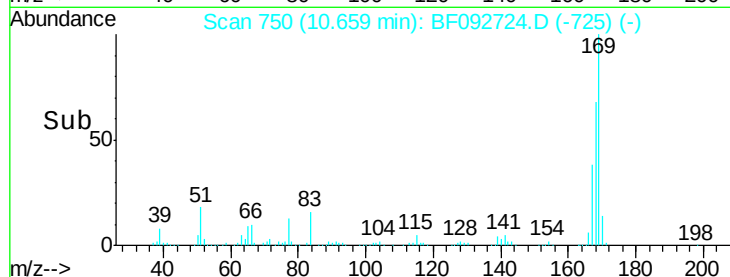
167 38.1 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.77 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

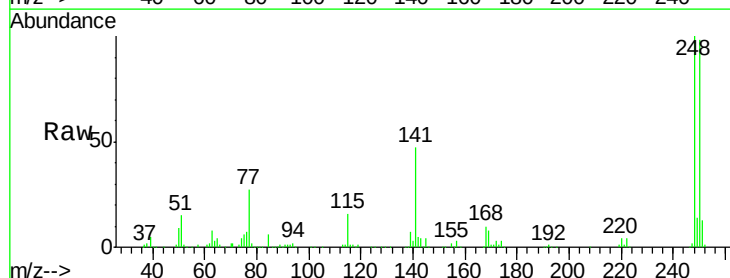
Tgt Ion:248 Resp: 222541

Ion Ratio Lower Upper

248 100

250 98.3 76.9 115.3

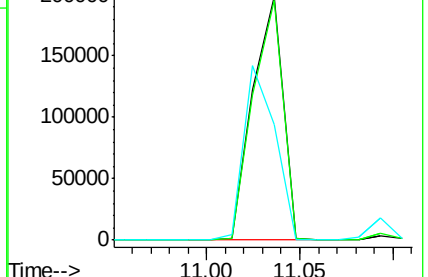
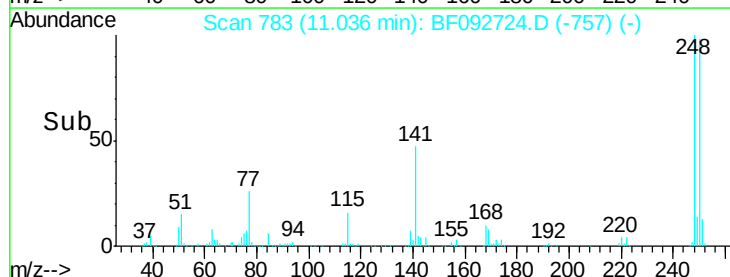
141 47.4 68.2 102.4#

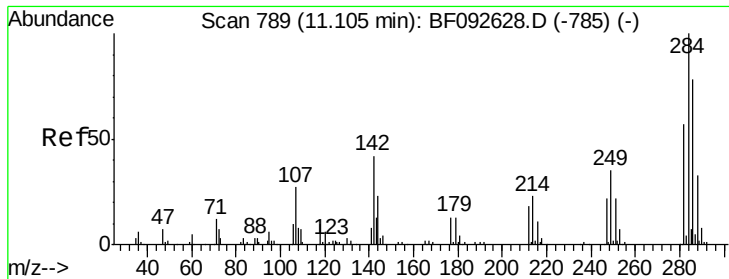


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

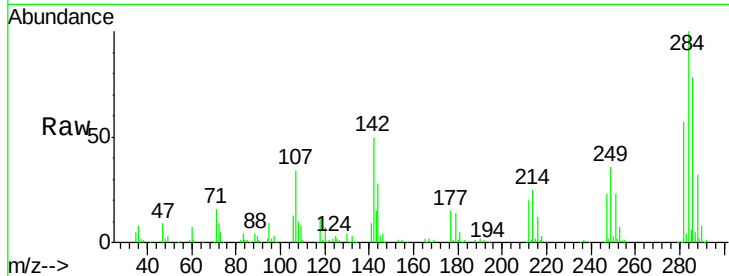




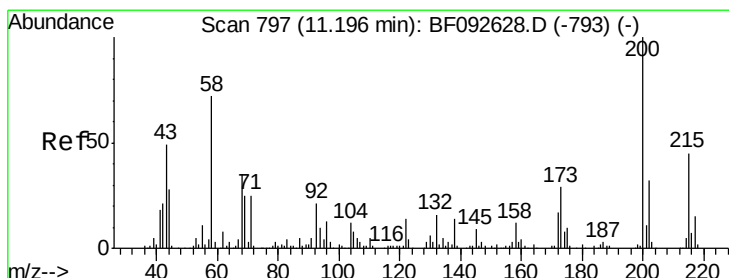
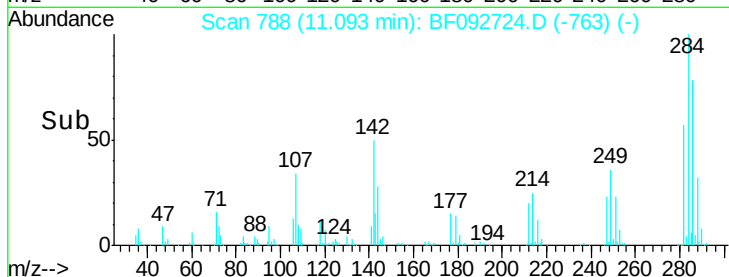
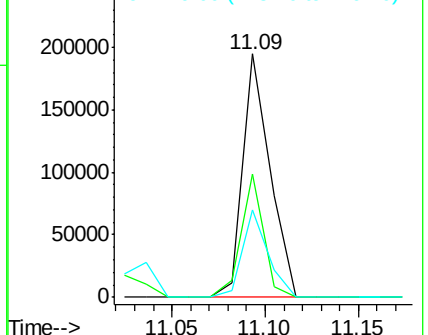
#67
Hexachlorobenzene
Concen: 36.63 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 197593
Ion Ratio Lower Upper
284 100
142 50.4 22.6 33.8#
249 35.9 25.4 38.0

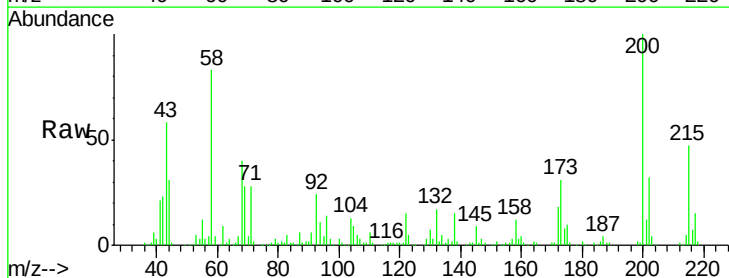


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

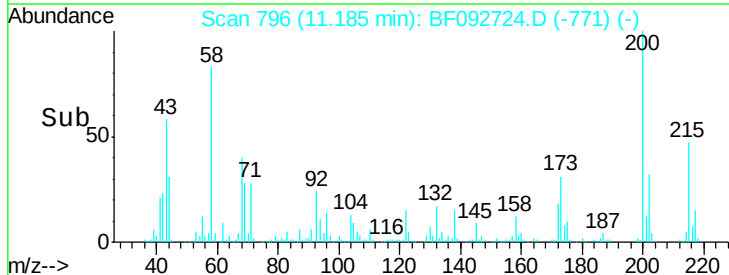
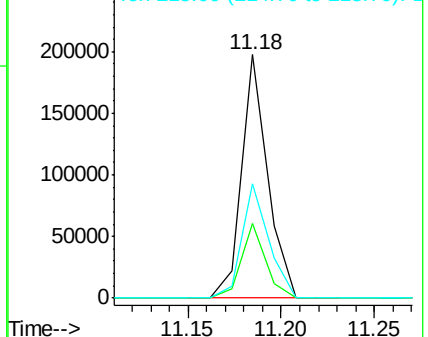


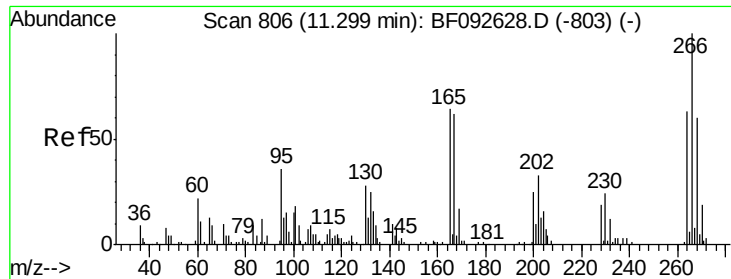
#68
Atrazine
Concen: 35.72 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Tgt Ion:200 Resp: 191318
Ion Ratio Lower Upper
200 100
173 30.6 9.6 49.6
215 47.0 25.7 65.7



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

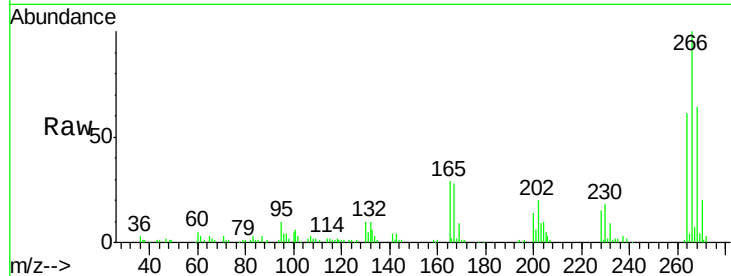




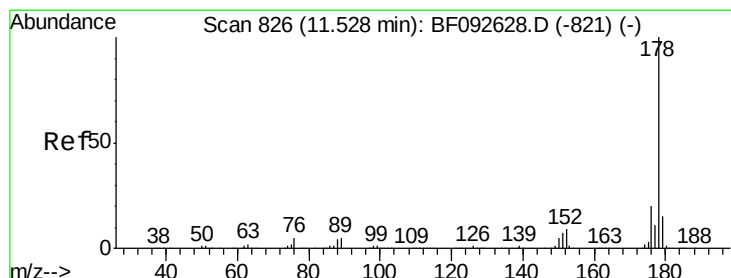
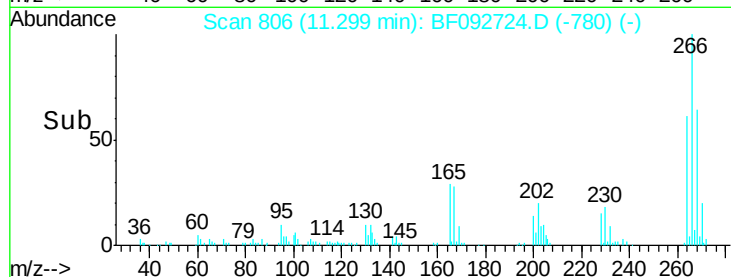
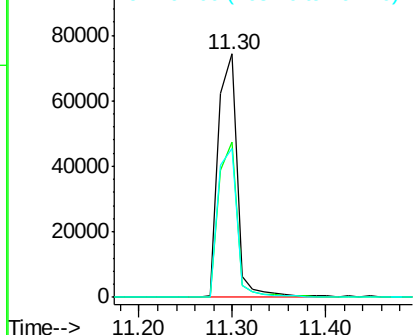
#69
 Pentachlorophenol
 Concen: 41.08 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 103656
 Ion Ratio Lower Upper
 266 100
 268 64.0 53.3 79.9
 264 61.0 50.3 75.5

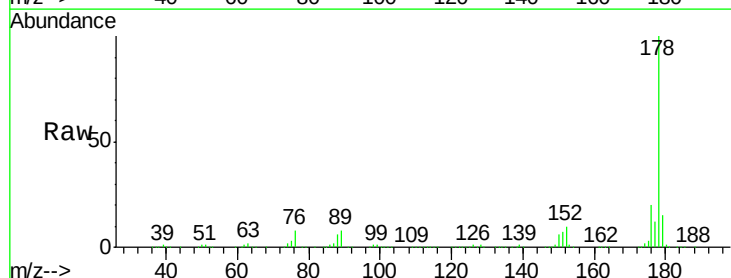


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

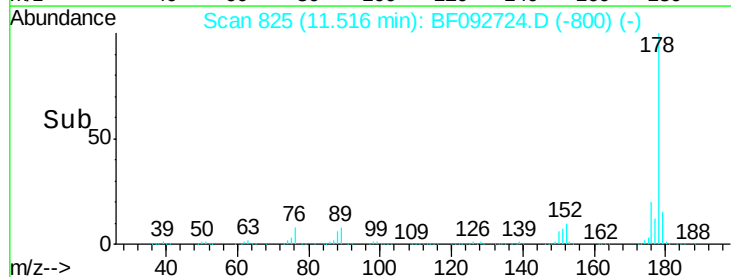
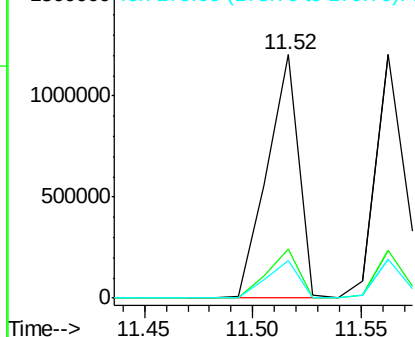


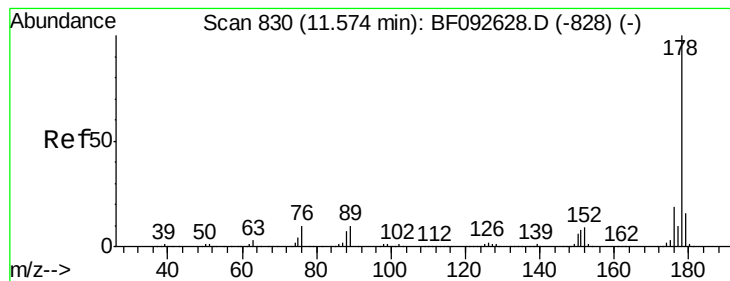
#70
 Phenanthrene
 Concen: 40.92 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Tgt Ion:178 Resp: 1224793
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.4 12.8 19.2



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





#71

Anthracene

Concen: 37.37 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

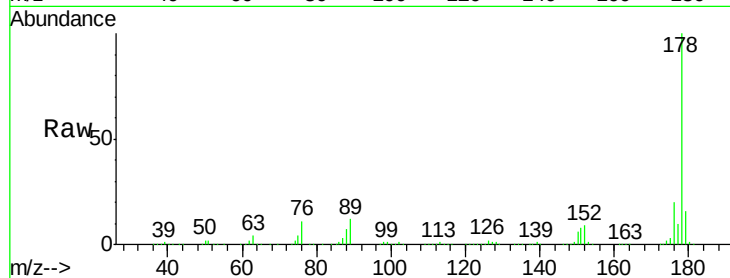
Tgt Ion:178 Resp: 1123227

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

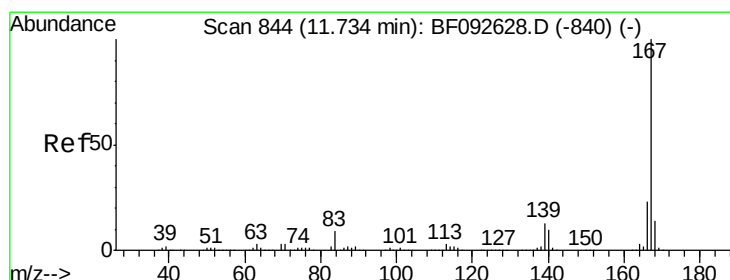
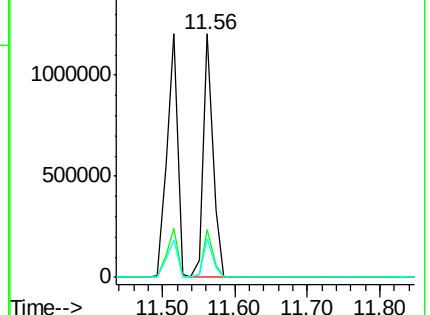
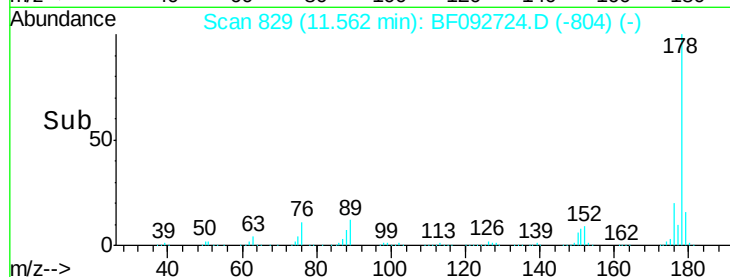
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.67 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

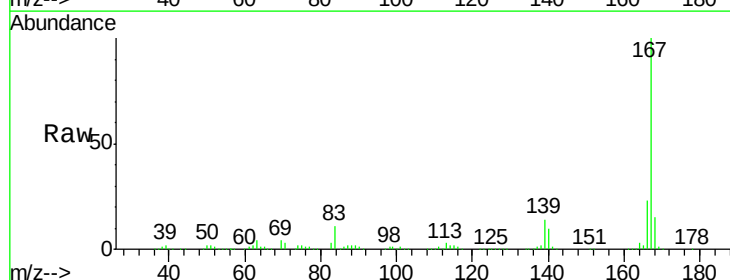
Tgt Ion:167 Resp: 1053602

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

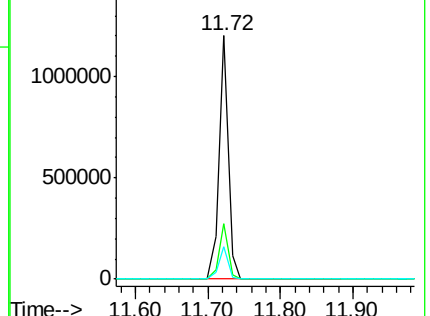
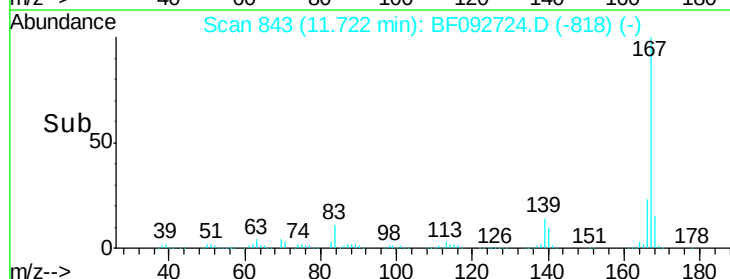
139 13.6 11.4 17.2

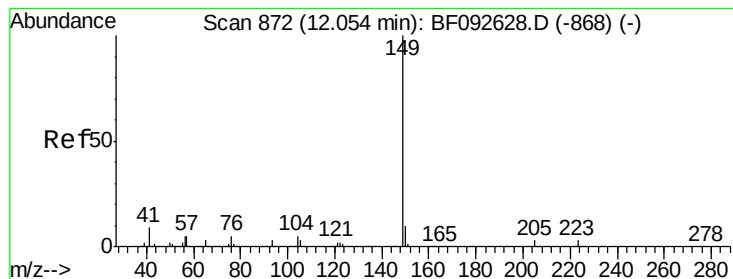


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.41 ng

RT: 12.04 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

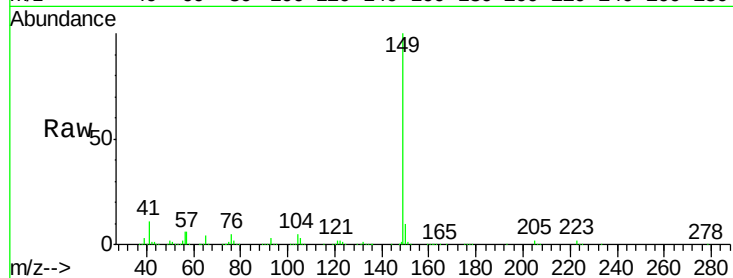
Tgt Ion:149 Resp: 1224550

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

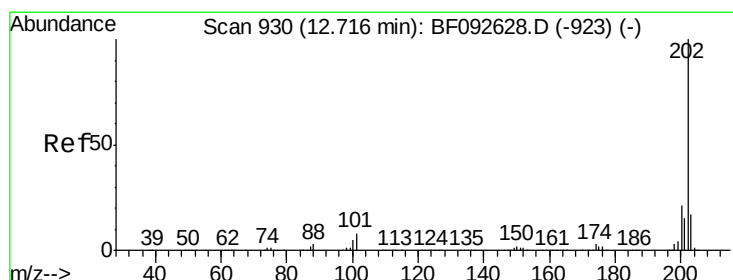
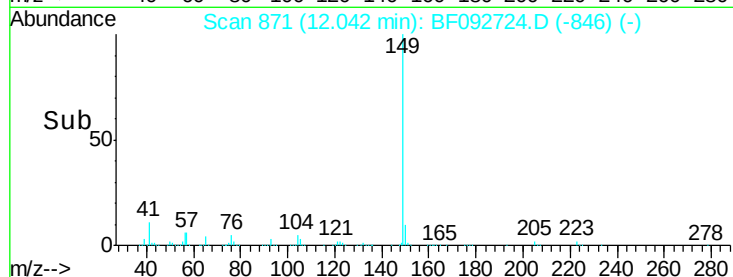
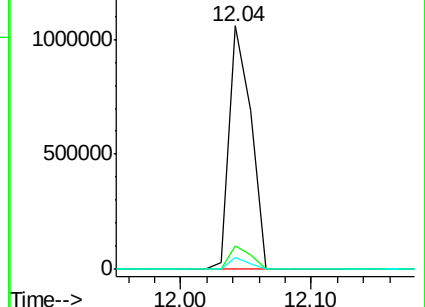
104 4.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.49 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

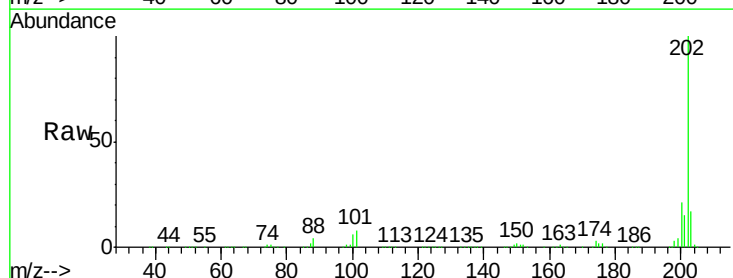
Tgt Ion:202 Resp: 1126533

Ion Ratio Lower Upper

202 100

101 8.1 0.0 34.6

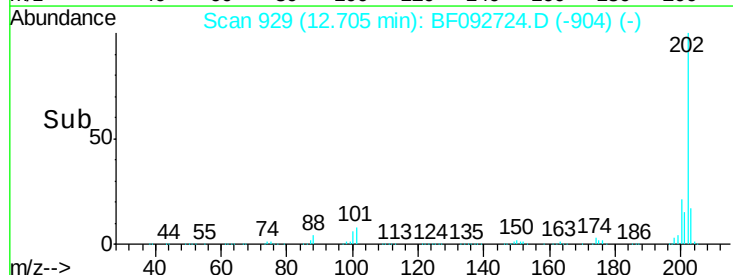
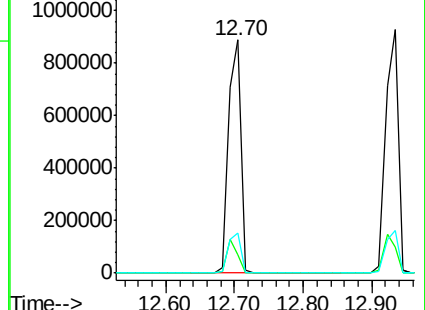
203 17.3 0.0 38.7

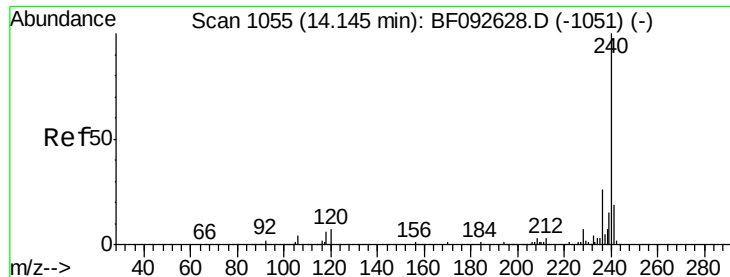


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

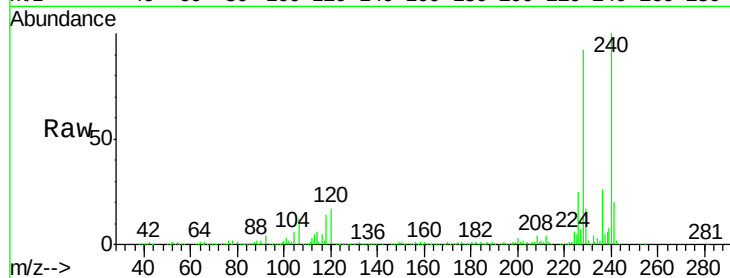
Tgt Ion:240 Resp: 338416

Ion Ratio Lower Upper

240 100

120 16.8 12.9 19.3

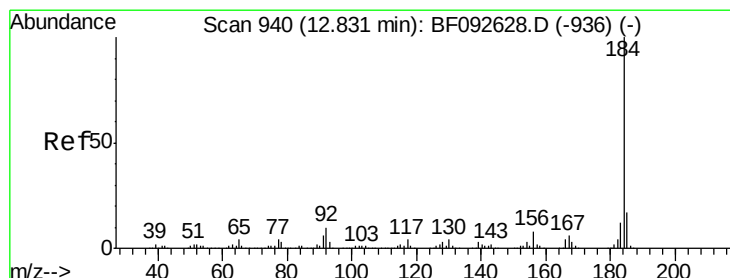
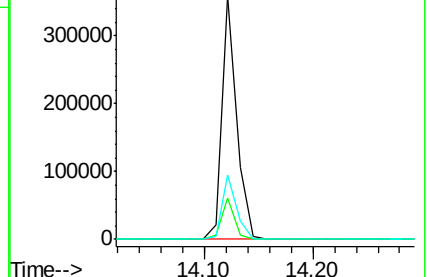
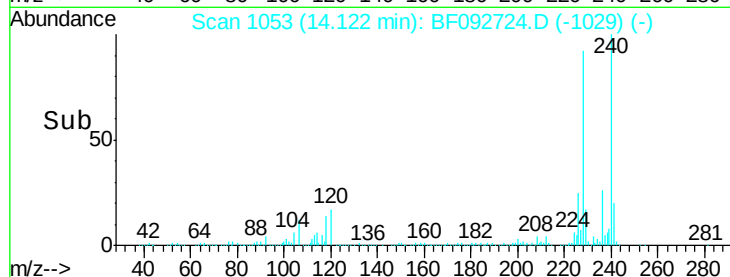
236 26.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.61 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

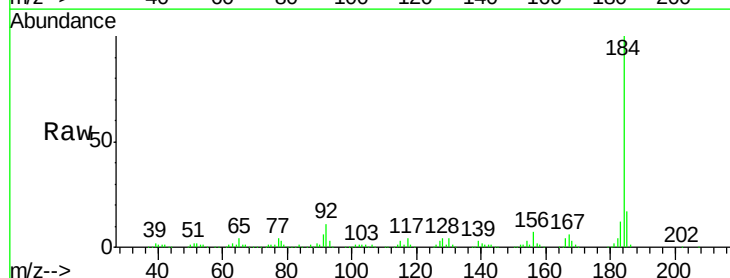
Tgt Ion:184 Resp: 470220

Ion Ratio Lower Upper

184 100

185 16.6 13.4 20.0

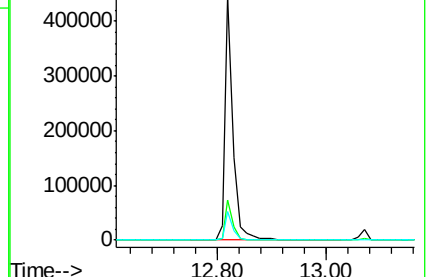
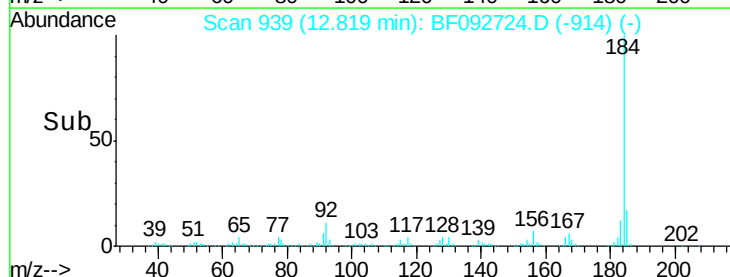
183 11.6 9.2 13.8

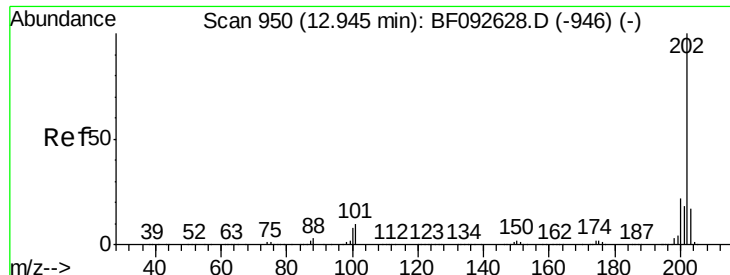


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

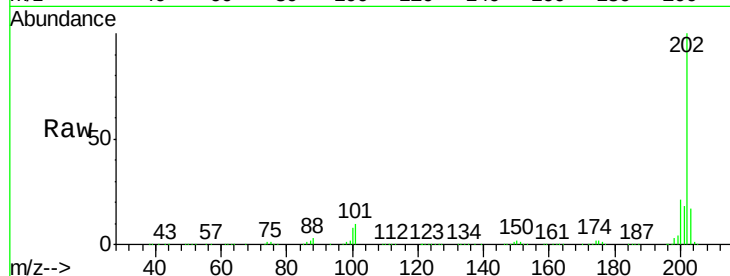




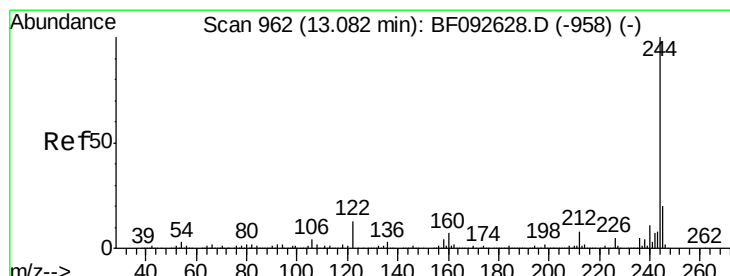
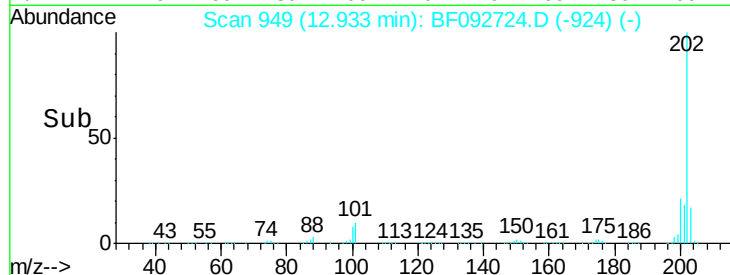
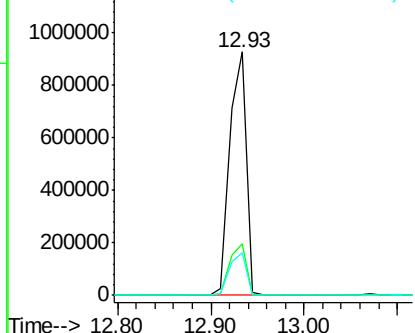
#77
Pyrene
 Concen: 45.80 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tgt Ion: 202 Resp: 1160050
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.7 26.5
 203 17.4 14.7 22.1

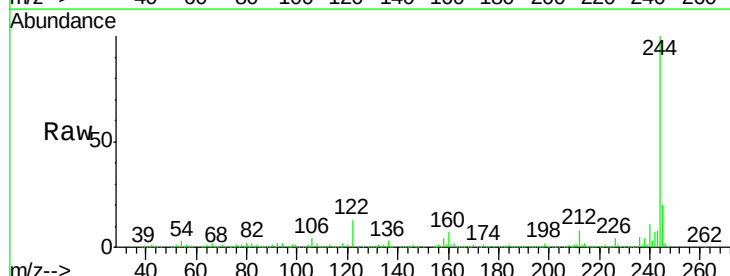


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

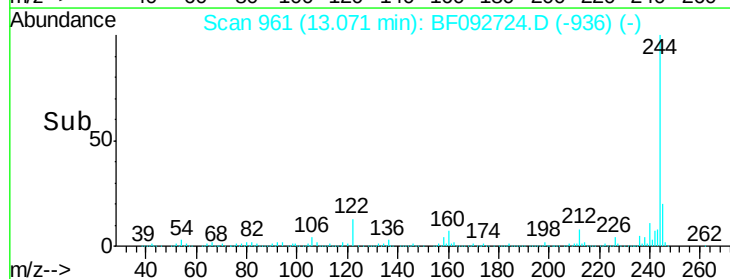
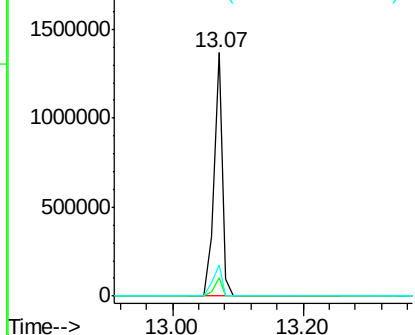


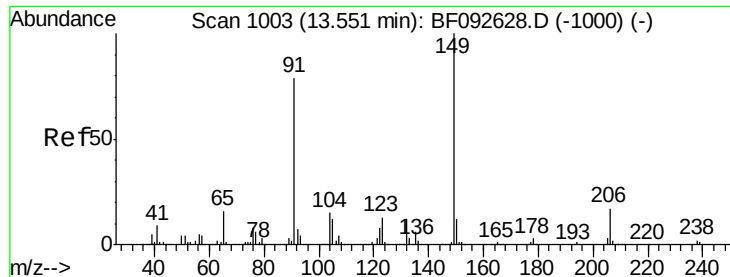
#78
Terphenyl-d14
 Concen: 86.46 ng
 RT: 13.07 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Tgt Ion: 244 Resp: 1245231
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 12.8 11.4 17.2



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

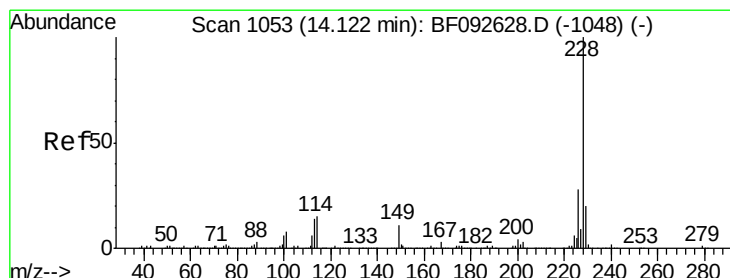
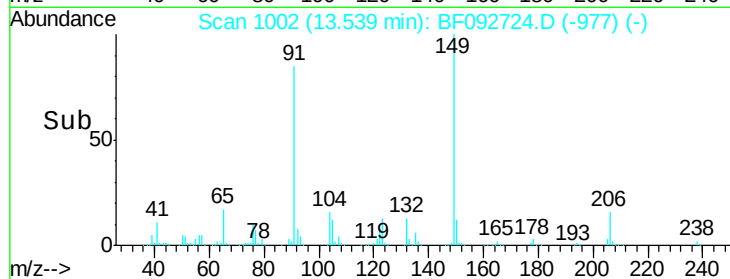
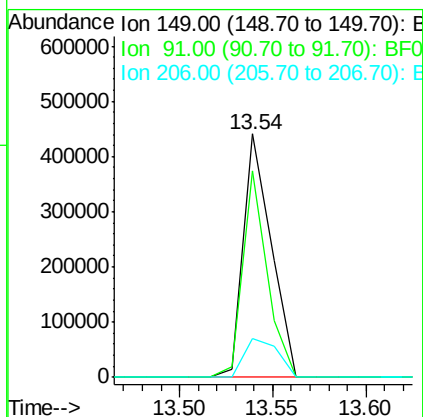
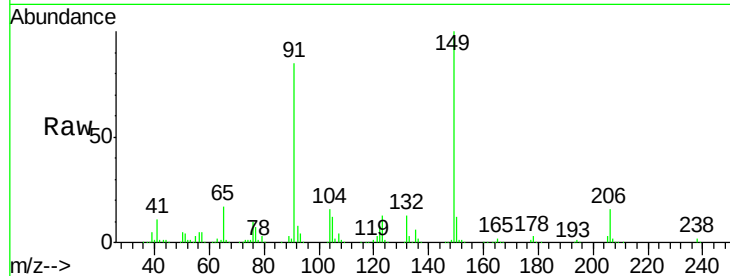




#79
Butylbenzylphthalate
Concen: 44.65 ng
RT: 13.54 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

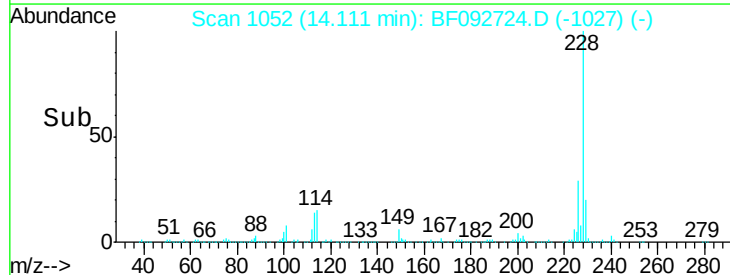
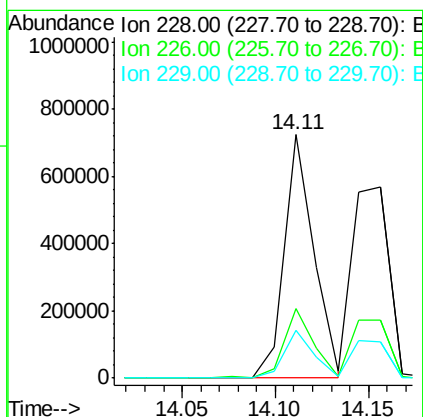
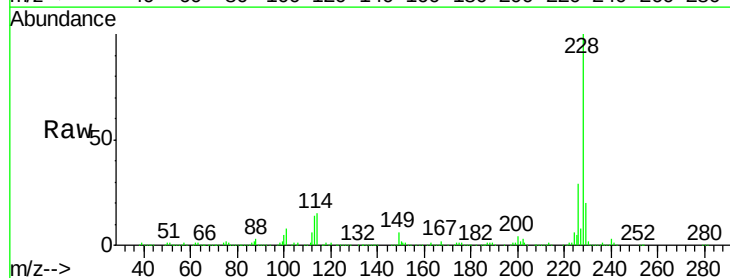
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

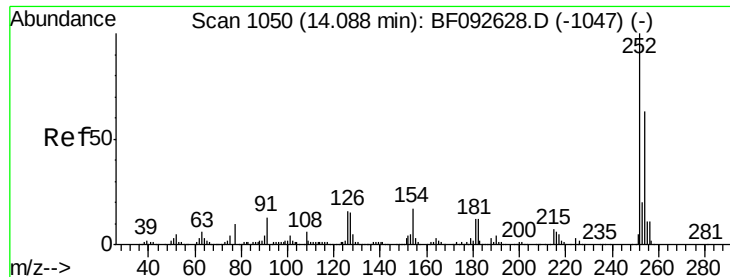
Tgt Ion:149 Resp: 459201
Ion Ratio Lower Upper
149 100
91 84.6 63.9 95.9
206 16.0 14.6 21.8



#80
Benzo(a)anthracene
Concen: 38.75 ng
RT: 14.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Tgt Ion:228 Resp: 801969
Ion Ratio Lower Upper
228 100
226 28.6 22.4 33.6
229 19.8 16.2 24.4

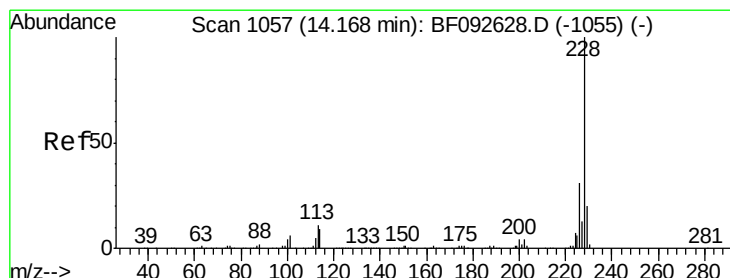
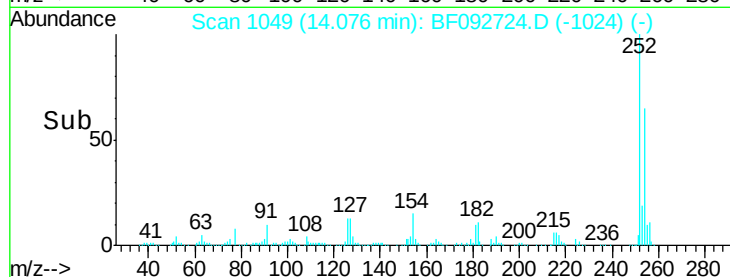
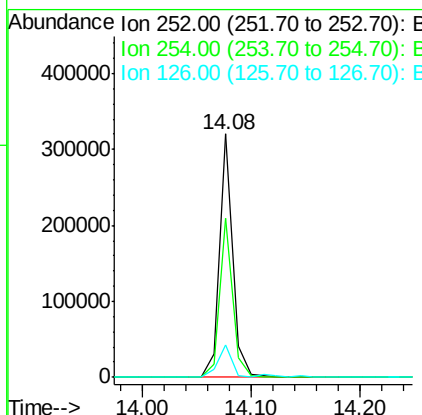
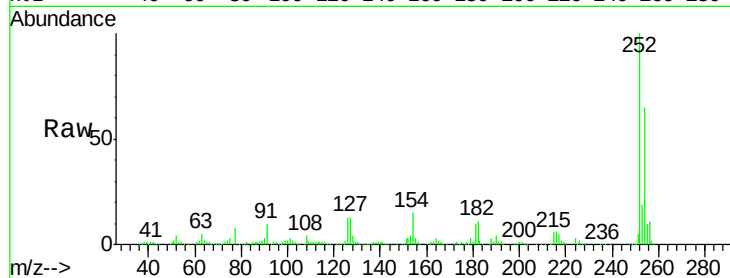




#81
 3,3'-Dichlorobenzidine
 Concen: 37.32 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

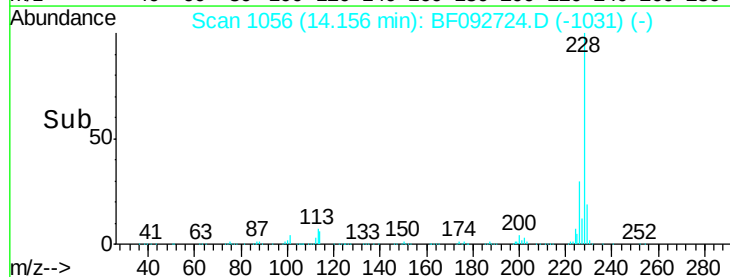
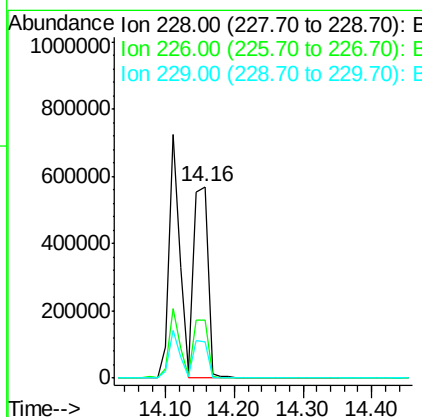
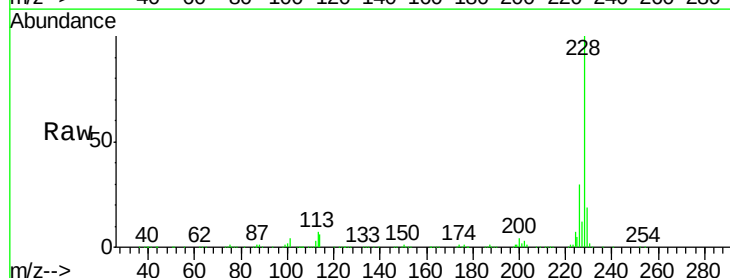
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

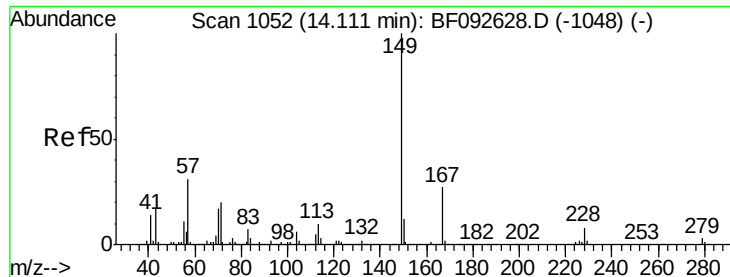
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.3	78.5
126	13.5	13.6	20.4



#82
 Chrysene
 Concen: 40.80 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	19.2	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.60 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

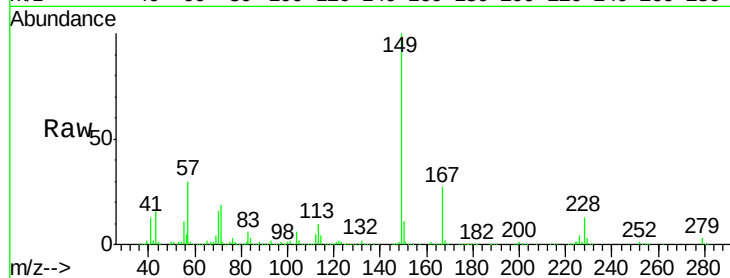
Tgt Ion:149 Resp: 627317

Ion Ratio Lower Upper

149 100

167 26.5 20.2 30.4

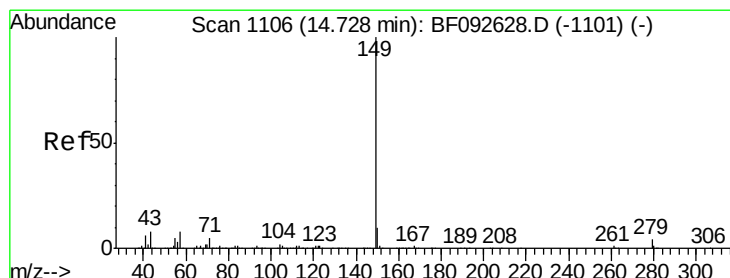
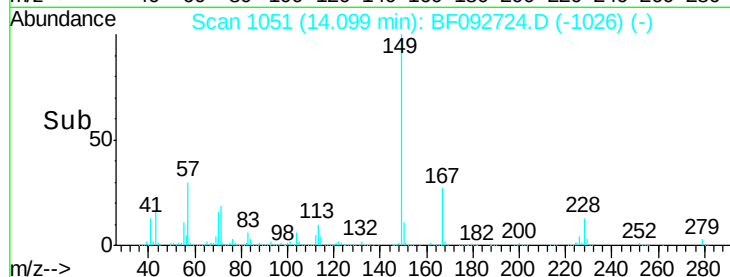
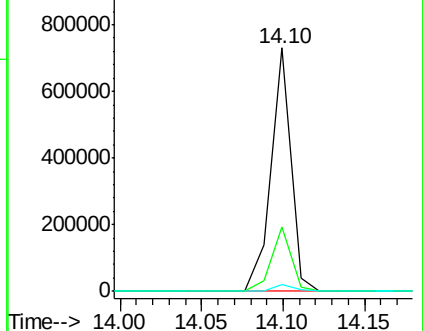
279 2.9 1.8 2.8#



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: 41.69 ng

RT: 14.71 min Scan# 1104

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

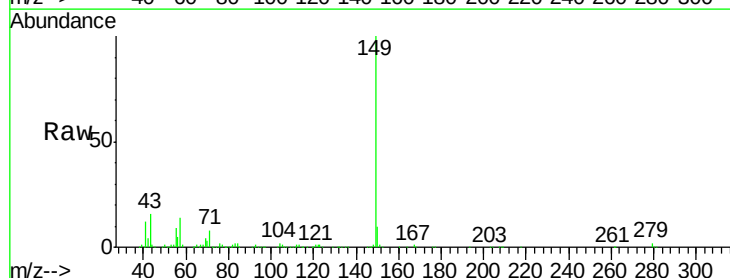
Tgt Ion:149 Resp: 954770

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

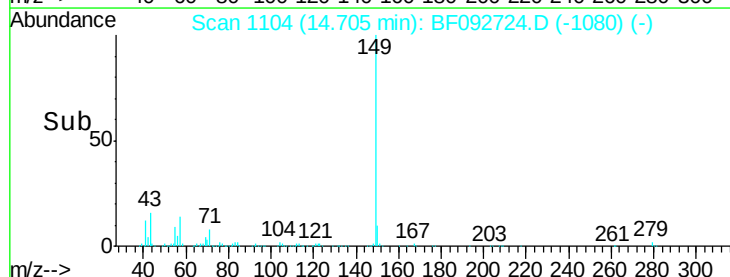
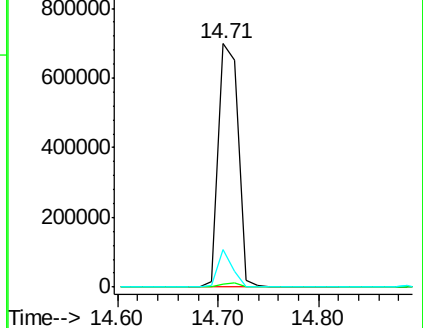
43 11.8 8.9 13.3

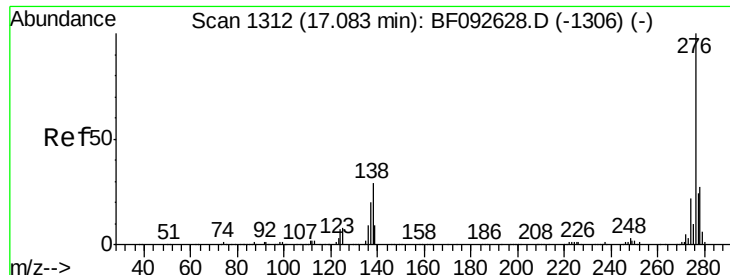


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

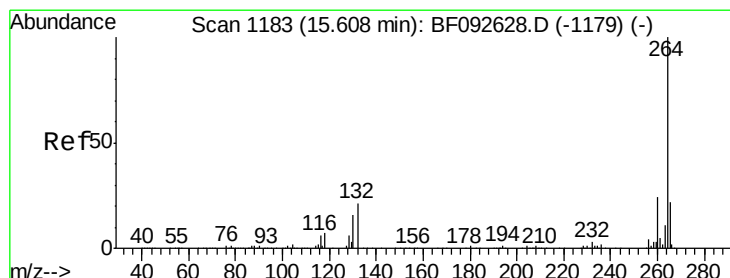
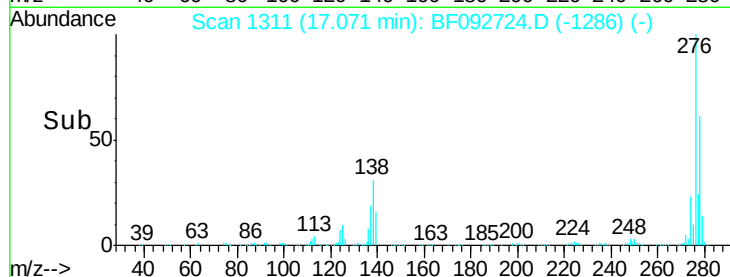
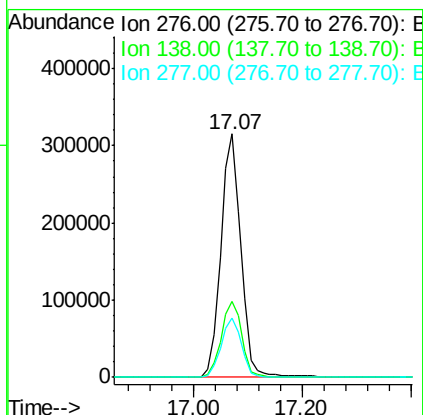
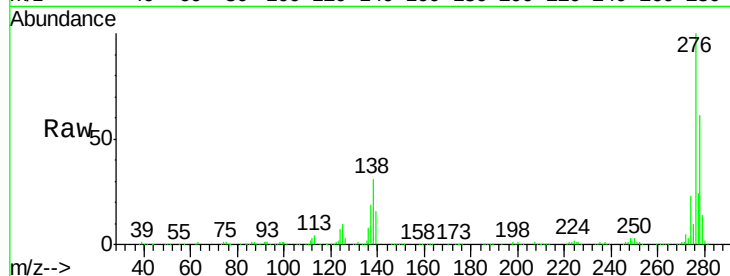




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.02 ng
 RT: 17.07 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

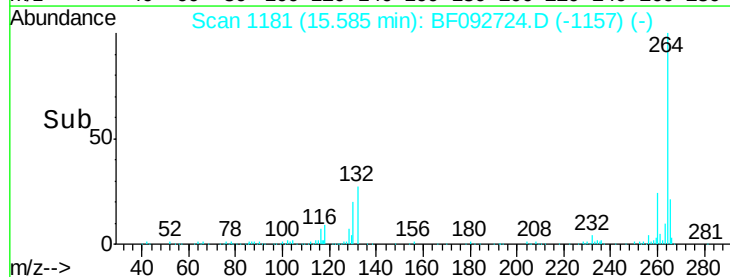
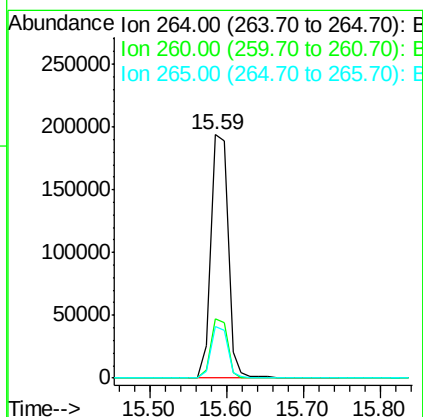
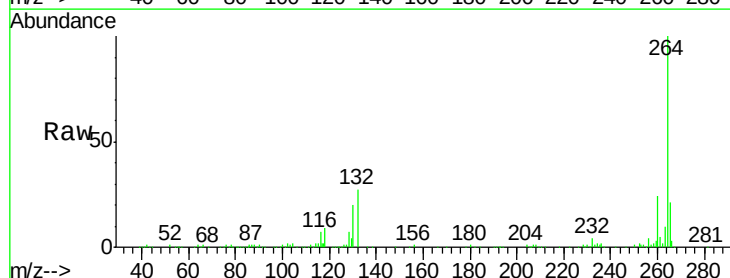
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

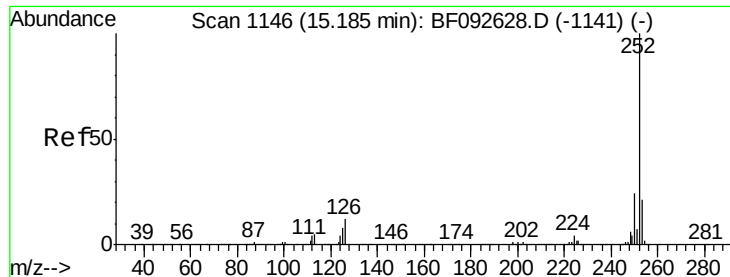
Tgt Ion: 276 Resp: 810873
 Ion Ratio Lower Upper
 276 100
 138 32.3 21.8 32.6
 277 25.0 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF092724.D
 Acq: 2 Feb 2017 1:42

Tgt Ion: 264 Resp: 301763
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.1 17.4 26.0

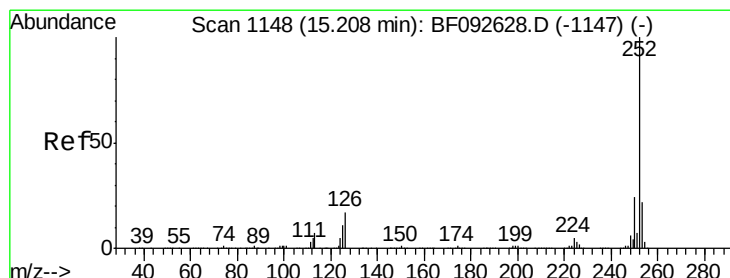
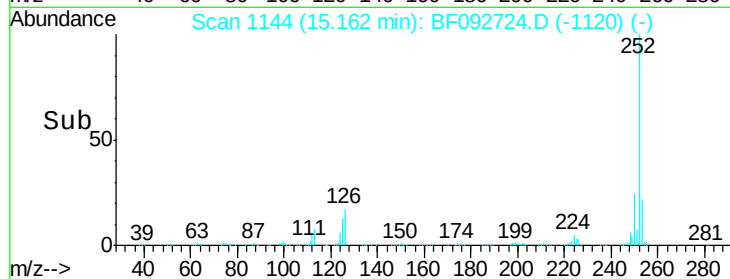
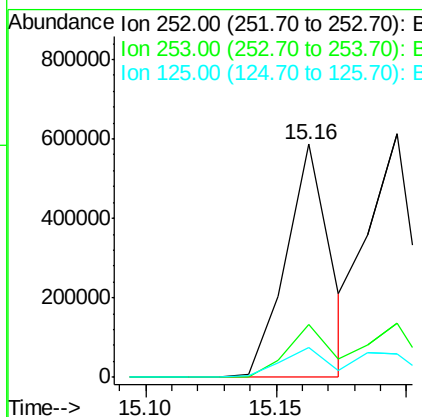
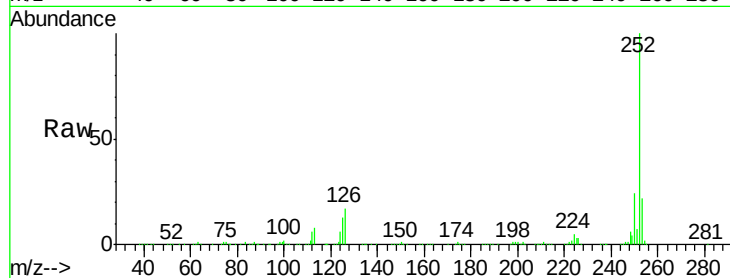




#87
Benzo(b)fluoranthene
Concen: 34.81 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

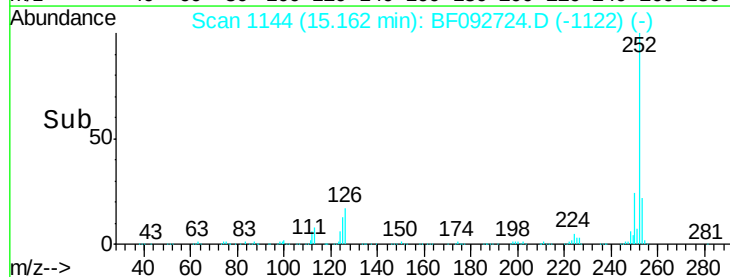
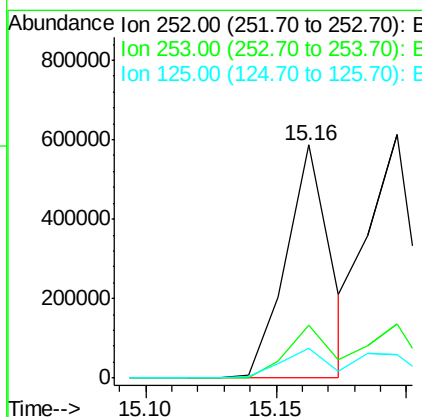
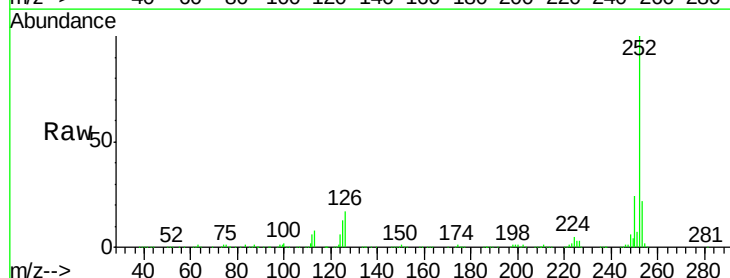
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

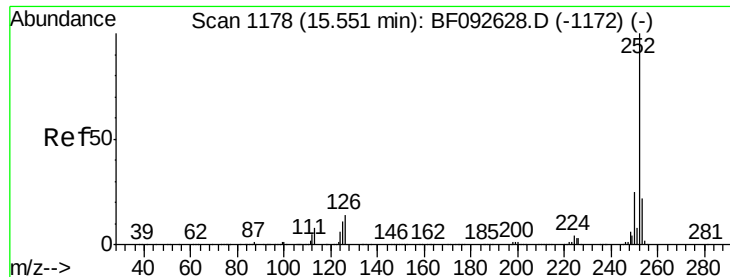
Tgt Ion:252 Resp: 691476
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 12.6 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 40.32 ng
RT: 15.16 min Scan# 1144
Delta R.T. -0.05 min
Lab File: BF092724.D
Acq: 2 Feb 2017 1:42

Tgt Ion:252 Resp: 691476
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 12.6 8.9 13.3





#89

Benzo(a)pyrene

Concen: 40.07 ng

RT: 15.53 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

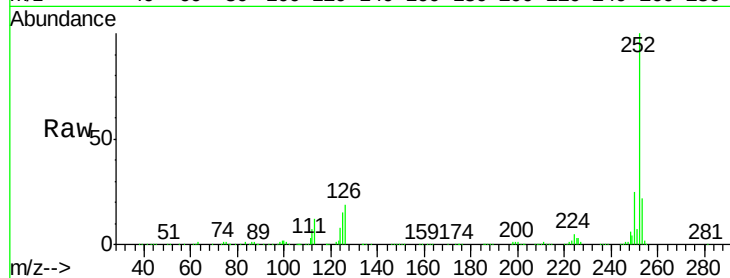
Tgt Ion:252 Resp: 688495

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

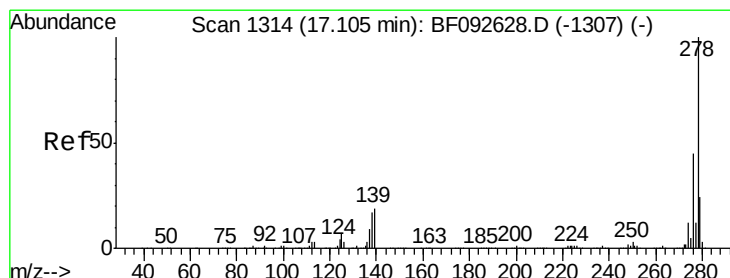
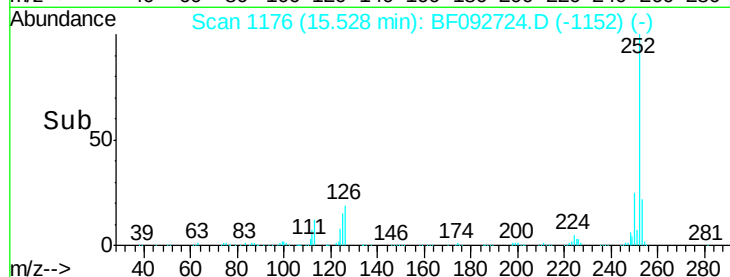
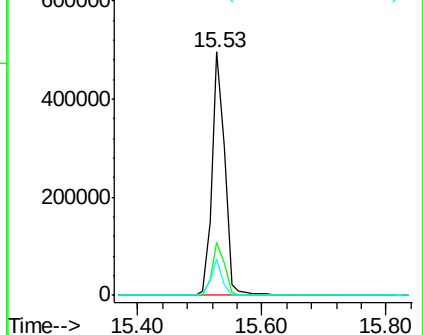
125 14.9 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.01 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF092724.D

Acq: 2 Feb 2017 1:42

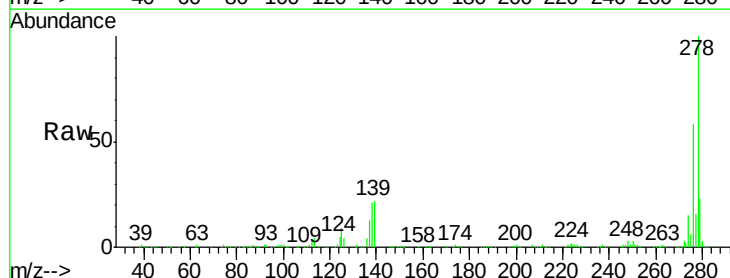
Tgt Ion:278 Resp: 694387

Ion Ratio Lower Upper

278 100

139 22.2 14.8 22.2#

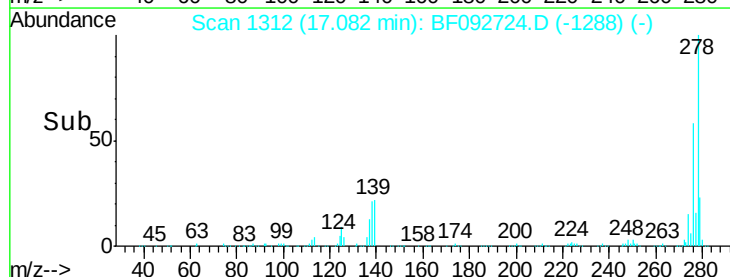
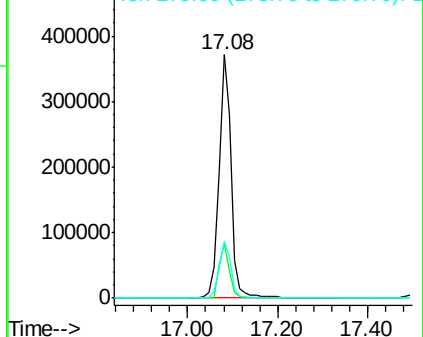
279 23.5 19.8 29.6

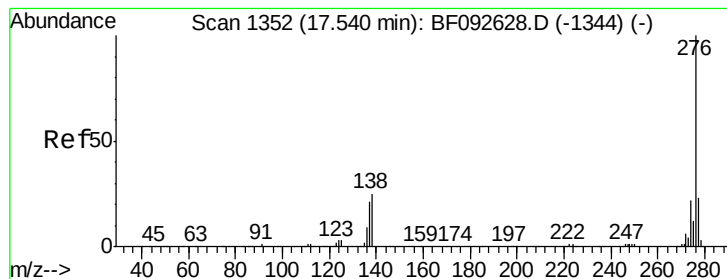


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 51.29 ng

RT: 17.52 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF092724.D

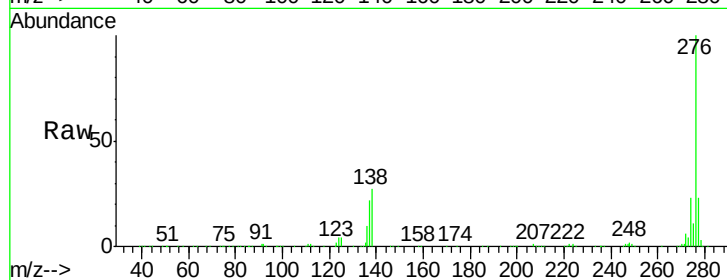
Acq: 2 Feb 2017 1:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:	276	Resp:	719444
Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	26.8	16.0	24.0

