

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
 Data File : BF090794.D
 Acq On : 24 Oct 2016 18:20
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Oct 24 18:50:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	239325	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	982232	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	509101	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	838052	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	682058	20.00	ng	-0.01
86) Perylene-d12	15.42	264	443205	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1223148	82.42	ng	-0.02
7) Phenol-d6	6.47	99	1501476	74.70	ng	-0.02
23) Nitrobenzene-d5	7.41	82	1401254	78.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	416671	103.40	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	2407430	73.41	ng	-0.02
78) Terphenyl-d14	12.95	244	2412973	81.08	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.43	88	272644	31.75	ng	# 72
3) Pyridine	3.15	79	856190	42.55	ng	# 72
4) n-Nitrosodimethylamine	3.10	42	250663	36.41	ng	# 71
6) Aniline	6.50	93	913863	40.10	ng	# 67
8) 2-Chlorophenol	6.62	128	720137	40.43	ng	# 98
9) Benzaldehyde	6.38	77	406112	36.95	ng	# 79
10) Phenol	6.49	94	787069	34.83	ng	# 55
11) bis(2-Chloroethyl)ether	6.58	93	759383	40.00	ng	# 90
12) 1,3-Dichlorobenzene	6.77	146	702513	39.26	ng	# 91
13) 1,4-Dichlorobenzene	6.85	146	749076	39.47	ng	# 91
14) 1,2-Dichlorobenzene	7.01	146	700615	37.71	ng	# 98
15) Benzyl Alcohol	6.99	79	518003	37.94	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	7.11	45	869181	30.57	ng	# 69
17) 2-Methylphenol	7.10	107	551815	41.11	ng	# 83
18) Hexachloroethane	7.34	117	269902	35.03	ng	# 94
19) n-Nitroso-di-n-propylamine	7.26	70	497971	33.27	ng	# 69
20) 3+4-Methylphenols	7.25	107	597586	37.56	ng	# 57
22) Acetophenone	7.25	105	843658	38.54	ng	# 83
24) Nitrobenzene	7.42	77	737433	37.98	ng	# 69
25) Isophorone	7.66	82	1255067	37.02	ng	# 89
26) 2-Nitrophenol	7.74	139	376174	47.43	ng	# 83
27) 2,4-Dimethylphenol	7.79	122	583365	41.48	ng	# 87
28) bis(2-Chloroethoxy)methane	7.88	93	769819	41.51	ng	# 95
29) 2,4-Dichlorophenol	7.98	162	525436	45.52	ng	# 95
30) 1,2,4-Trichlorobenzene	8.06	180	582907	42.91	ng	# 95
31) Naphthalene	8.14	128	1798873	37.44	ng	# 96
32) Benzoic acid	7.93	122	314415	34.28	ng	# 66
33) 4-Chloroaniline	8.20	127	842263	47.27	ng	# 95
34) Hexachlorobutadiene	8.27	225	344287	45.08	ng	# 99
35) Caprolactam	8.58	113	148448	45.03	ng	# 98
36) 4-Chloro-3-methylphenol	8.68	107	538465	40.11	ng	# 80
37) 2-Methylnaphthalene	8.84	142	1248679	44.47	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	545576	39.69	ng	# 99
40) Hexachlorocyclopentadiene	8.99	237	232985	36.10	ng	# 96

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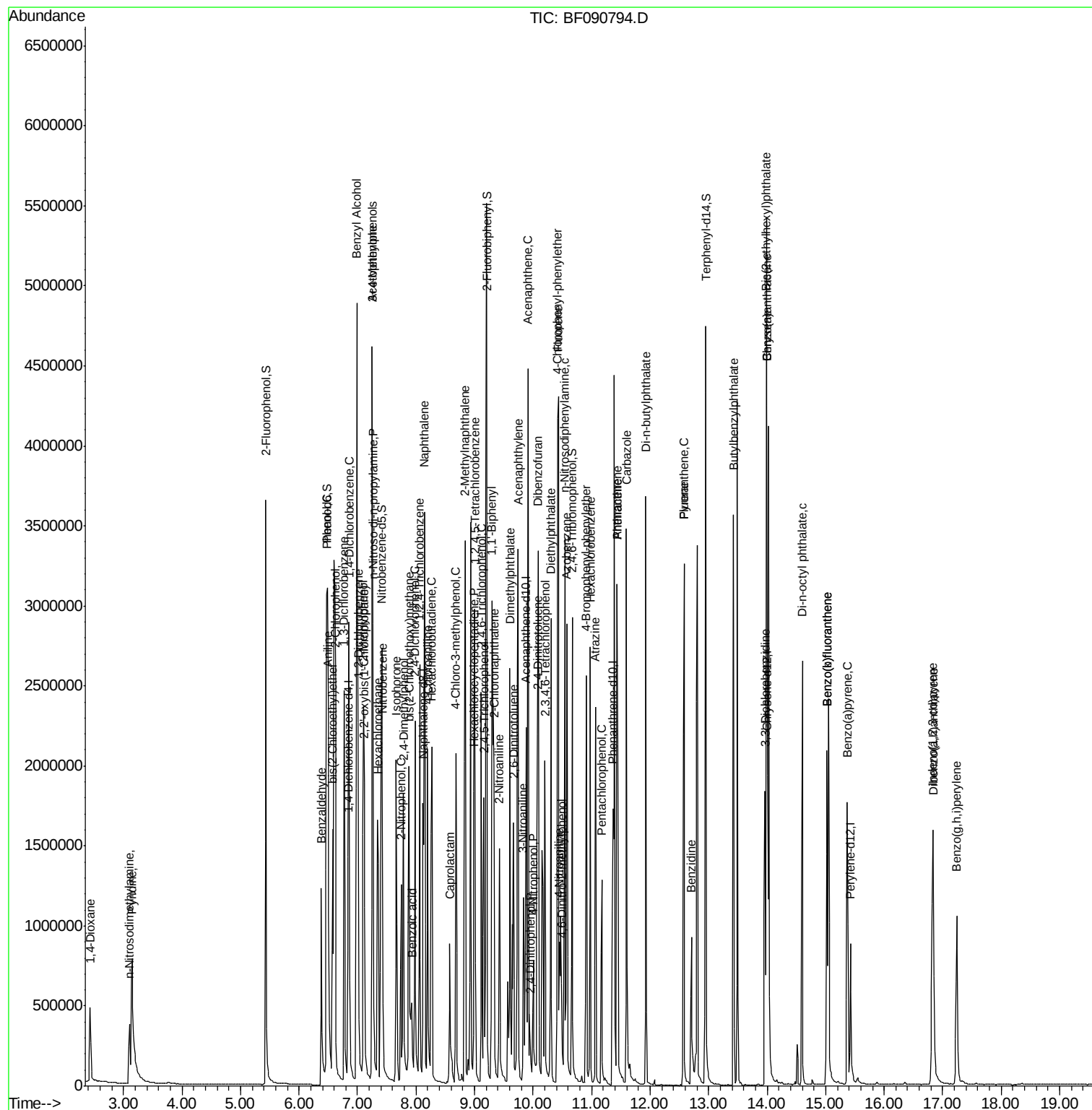
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	364313	42.73	nq	100
43) 2,4,5-Trichlorophenol	9.16	196	381119	44.05	nq	96
45) 1,1'-Biphenyl	9.30	154	1401945	35.07	nq	92
46) 2-Chloronaphthalene	9.33	162	1134027	38.16	nq	97
47) 2-Nitroaniline	9.42	65	323158	32.76	nq	# 81
48) Acenaphthylene	9.74	152	1762339	38.87	nq	95
49) Dimethylphthalate	9.61	163	1190080	37.20	nq	# 97
50) 2,6-Dinitrotoluene	9.66	165	277392	40.32	nq	# 64
51) Acenaphthene	9.91	154	1128884	37.50	nq	88
52) 3-Nitroaniline	9.83	138	300615	38.02	nq	# 63
53) 2,4-Dinitrophenol	9.95	184	98146	35.42	nq	# 83
54) Dibenzofuran	10.09	168	1489048	40.84	nq	# 89
55) 4-Nitrophenol	10.01	139	200593	44.16	nq	# 76
56) 2,4-Dinitrotoluene	10.07	165	399376	47.50	nq	# 91
57) Fluorene	10.43	166	1257657	41.62	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.20	232	303668	44.73	nq	98
59) Diethylphthalate	10.30	149	1195650	36.04	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	574712	41.62	nq	# 88
61) 4-Nitroaniline	10.45	138	331960	41.45	nq	# 56
62) Azobenzene	10.58	77	1325257	34.11	nq	86
64) 4,6-Dinitro-2-methylphenol	10.49	198	173788	33.84	nq	# 57
65) n-Nitrosodiphenylamine	10.54	169	1039077	38.70	nq	91
66) 4-Bromophenyl-phenylether	10.91	248	358150	44.08	nq	98
67) Hexachlorobenzene	10.98	284	458715	47.85	nq	# 80
68) Atrazine	11.07	200	301089	40.63	nq	84
69) Pentachlorophenol	11.17	266	205002	41.77	nq	98
70) Phenanthrene	11.43	178	1813693	42.46	nq	96
71) Anthracene	11.43	178	1825541	38.54	nq	96
72) Carbazole	11.59	167	1659676	41.90	nq	# 93
73) Di-n-butylphthalate	11.93	149	1851660	36.04	nq	# 96
74) Fluoranthene	12.58	202	1821300	44.07	nq	88
76) Benzidine	12.70	184	705768	46.60	nq	# 96
77) Pyrene	12.58	202	1821272	38.23	nq	96
79) Butylbenzylphthalate	13.42	149	809443	36.97	nq	# 87
80) Benzo(a)anthracene	13.99	228	1451017	38.87	nq	96
81) 3,3'-Dichlorobenzidine	13.96	252	564424	43.64	nq	# 94
82) Chrysene	13.99	228	1451017	39.83	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	1003818	32.04	nq	# 94
84) Di-n-octyl phthalate	14.60	149	1591214	33.47	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.83	276	1049490	33.02	nq	# 92
87) Benzo(b)fluoranthene	15.02	252	1163484	42.69	nq	# 88
88) Benzo(k)fluoranthene	15.02	252	1163484	42.48	nq	# 88
89) Benzo(a)pyrene	15.37	252	1014359	39.67	nq	# 90
90) Dibenzo(a,h)anthracene	16.84	278	897015	36.54	nq	# 84
91) Benzo(g,h,i)perylene	17.24	276	863301	36.25	nq	# 83

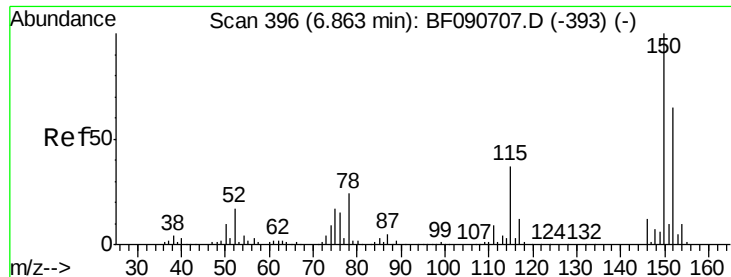
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 394

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

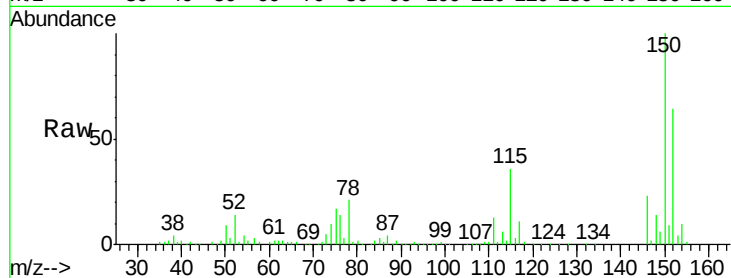
Tot Ion:152 Resp: 239325

Ion Ratio Lower Upper

152 100

150 156.1 124.7 187.1

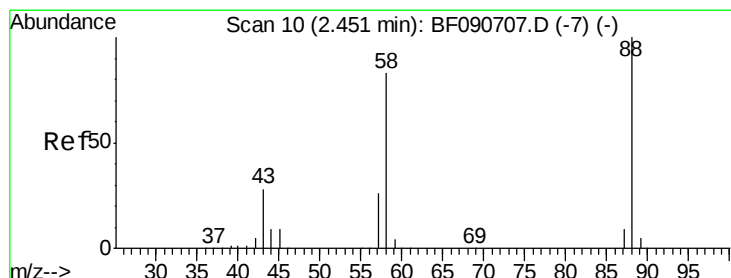
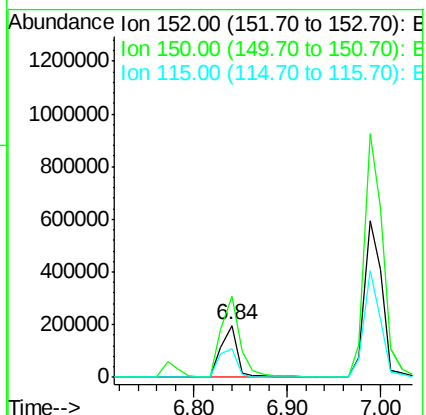
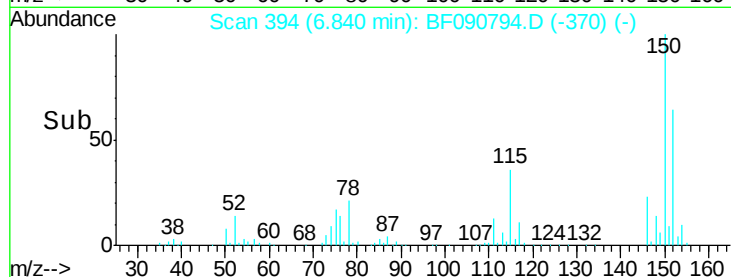
115 55.6 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.75 ng

RT: 2.43 min Scan# 8

Delta R.T. -0.06 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

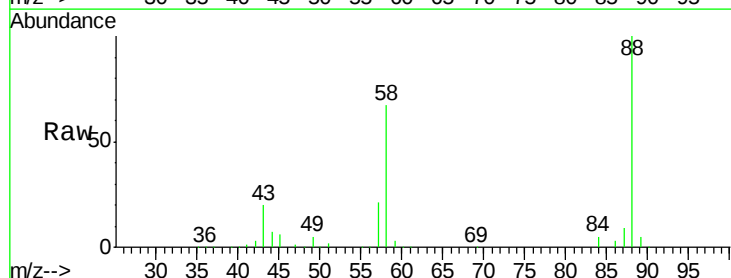
Tgt Ion: 88 Resp: 272644

Ion Ratio Lower Upper

88 100

58 67.1 77.7 116.5#

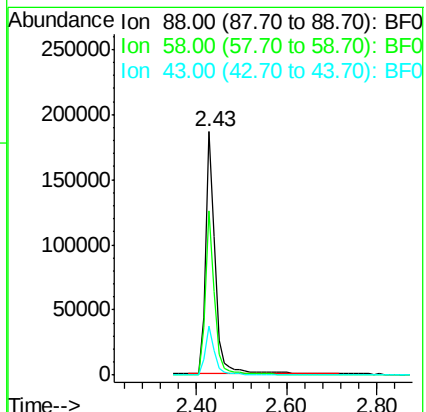
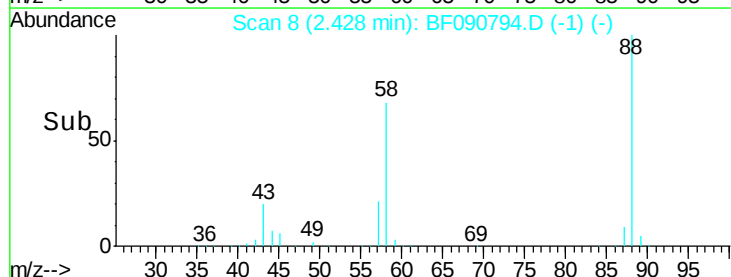
43 21.0 26.6 40.0#

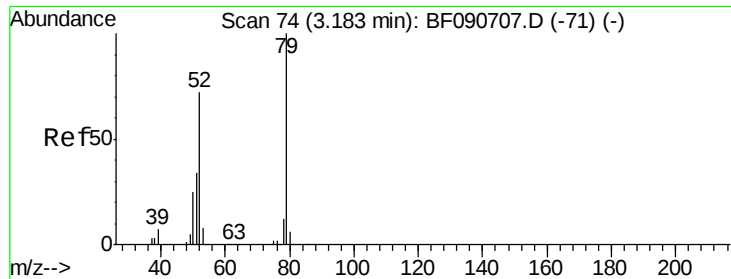


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.55 ng

RT: 3.15 min Scan# 71

Delta R.T. -0.06 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

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SSTDCCC040EC

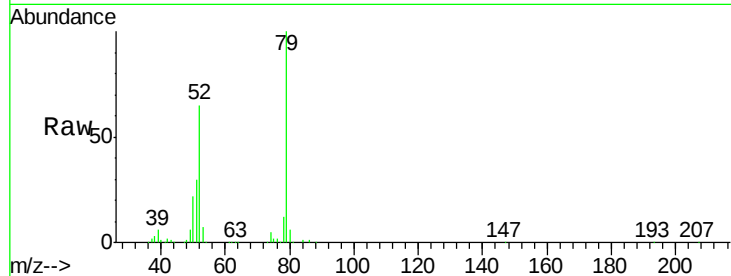
Tot Ion: 79 Resp: 856190

Ion Ratio Lower Upper

79 100

52 64.5 76.8 115.2#

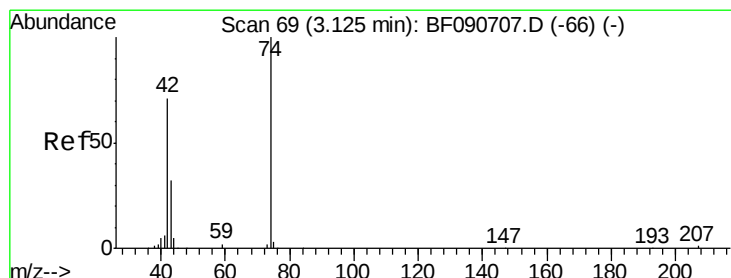
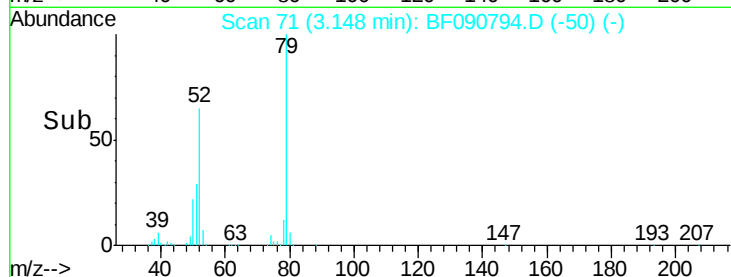
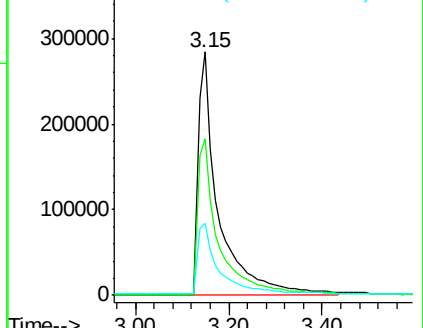
51 29.9 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.41 ng

RT: 3.10 min Scan# 67

Delta R.T. -0.06 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

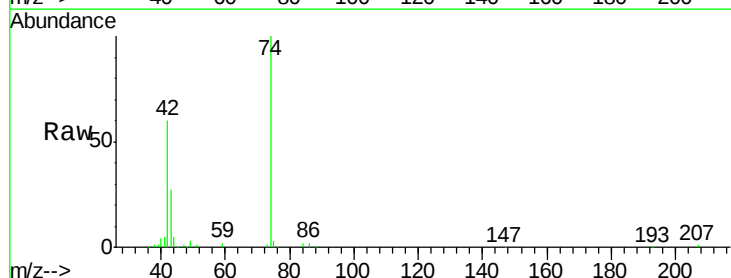
Tgt Ion: 42 Resp: 250663

Ion Ratio Lower Upper

42 100

74 167.2 105.0 157.6#

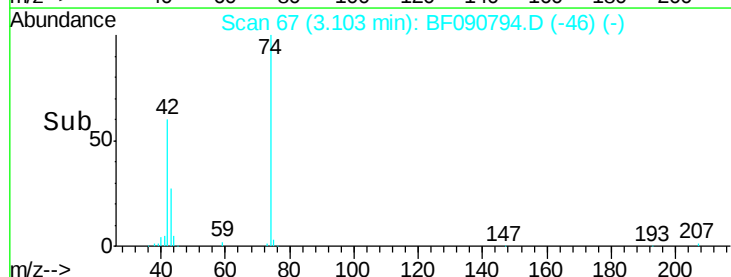
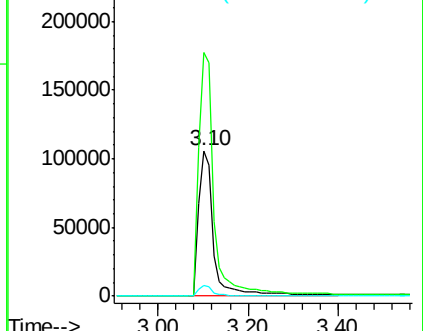
44 7.7 6.6 10.0

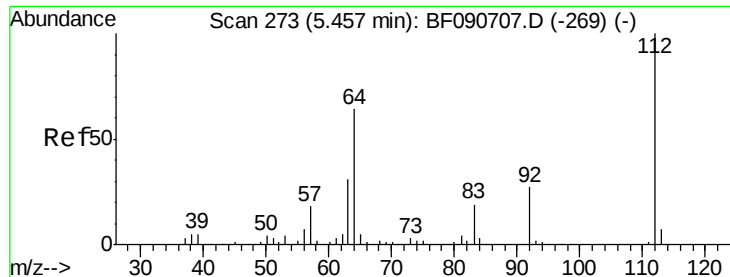


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.42 ng

RT: 5.43 min Scan# 271

Delta R.T. -0.02 min

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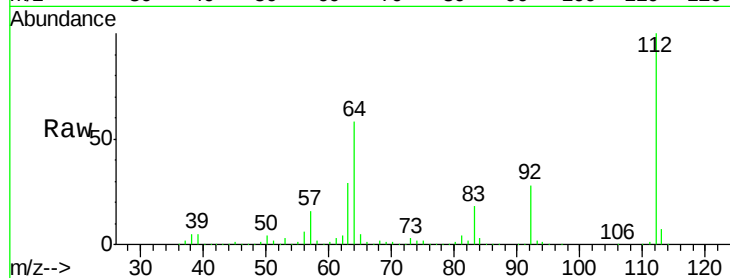
Tot Ion: 112 Resp: 1223148

Ion Ratio Lower Upper

112 100

64 57.6 39.7 59.5

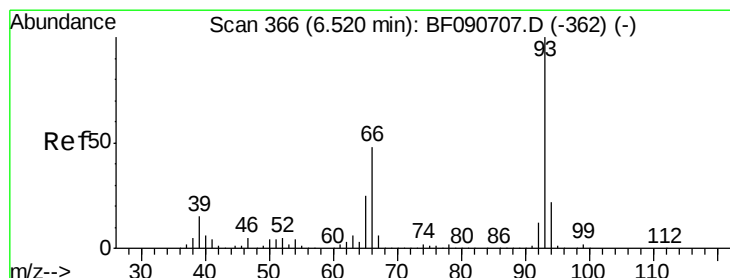
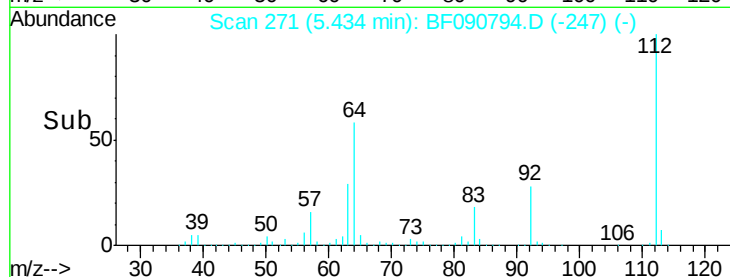
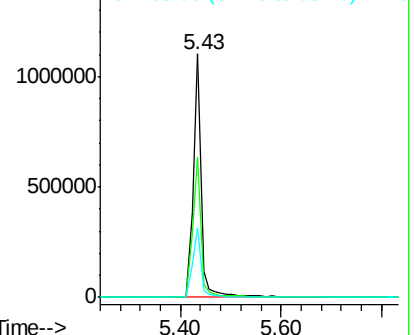
63 28.5 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.10 ng

RT: 6.50 min Scan# 364

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

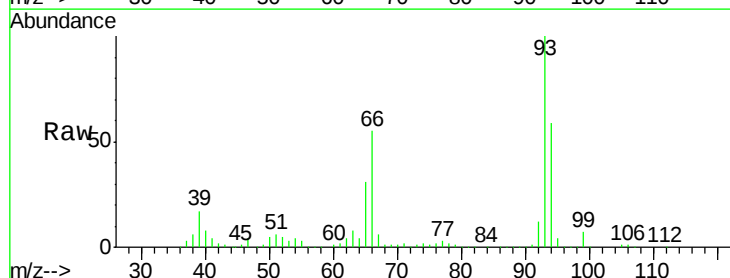
Tgt Ion: 93 Resp: 913863

Ion Ratio Lower Upper

93 100

66 54.6 27.2 40.8#

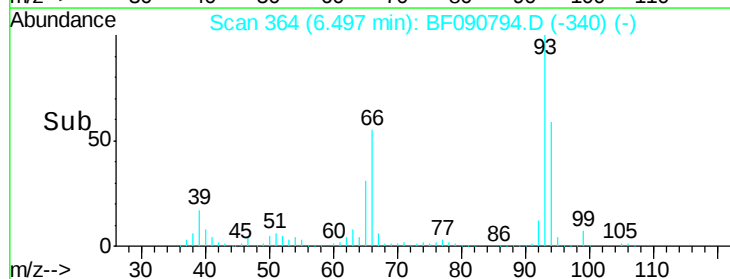
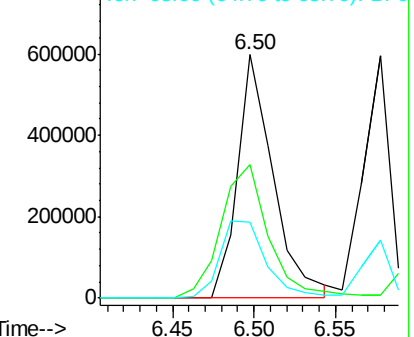
65 31.2 14.7 22.1#

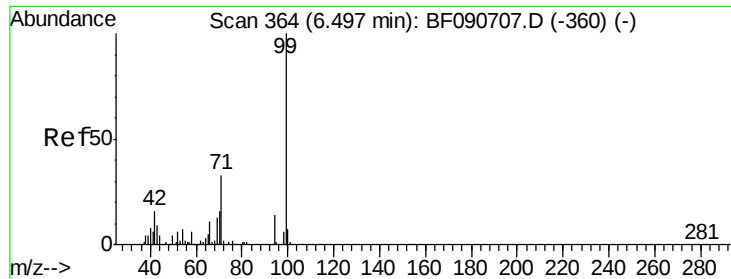


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.70 ng

RT: 6.47 min Scan# 362

Delta R.T. -0.02 min

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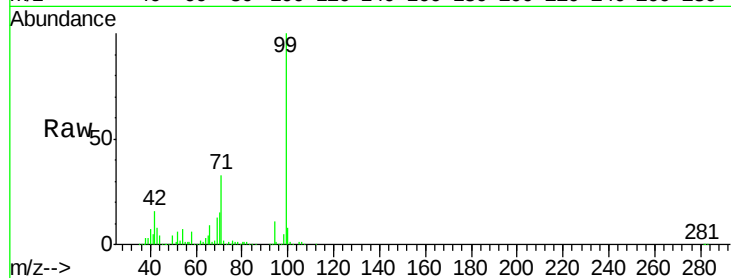
Tot Ion: 99 Resp: 1501476

Ion Ratio Lower Upper

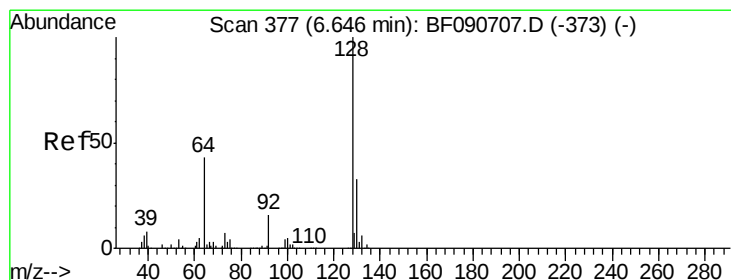
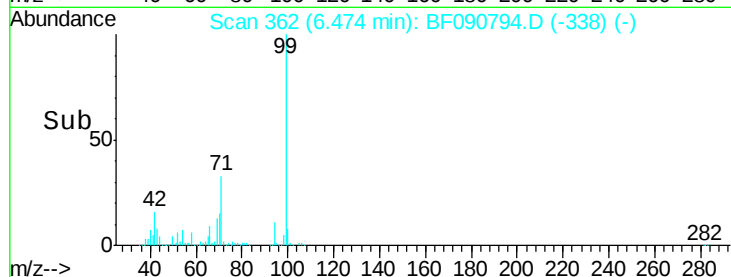
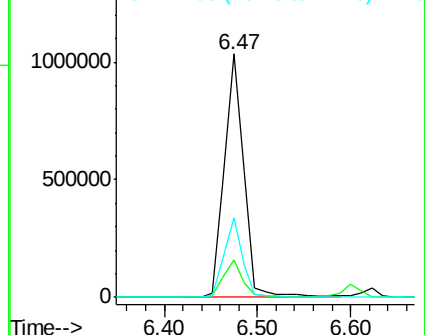
99 100

42 15.6 13.7 20.5

71 32.5 14.2 21.2#



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: 40.43 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090794.D

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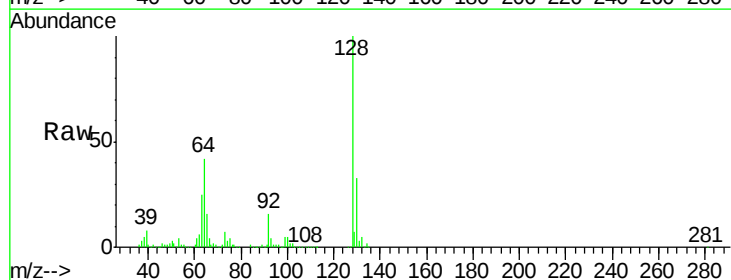
Tgt Ion: 128 Resp: 720137

Ion Ratio Lower Upper

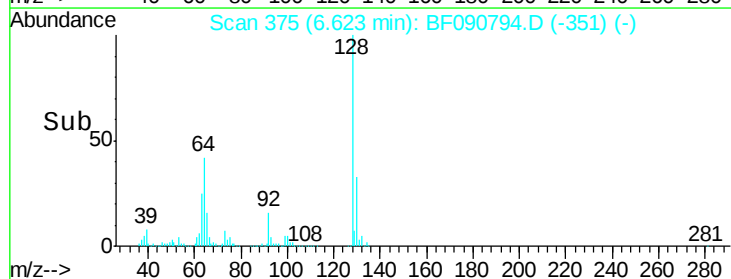
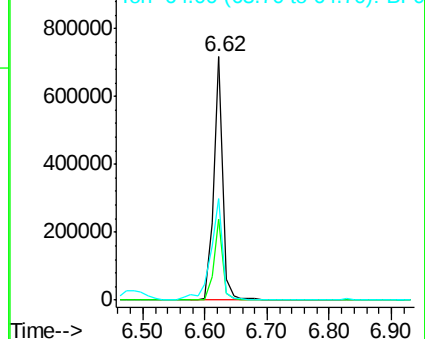
128 100

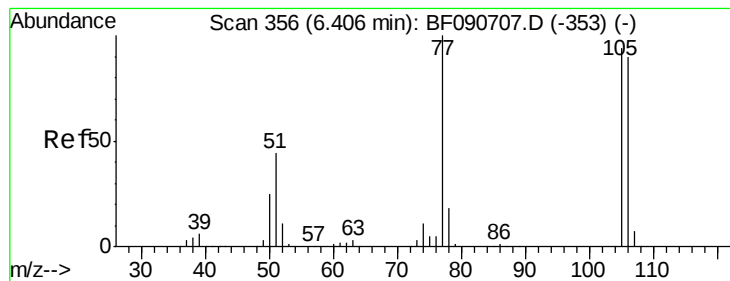
130 33.1 12.2 52.2

64 41.8 20.5 60.5



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: 36.95 ng

RT: 6.38 min Scan# 354

Delta R.T. -0.02 min

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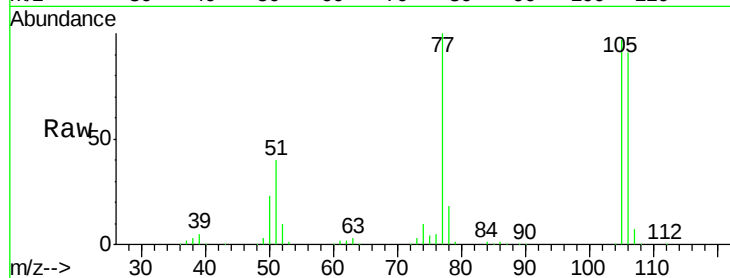
Tot Ion: 77 Resp: 406112

Ion Ratio Lower Upper

77 100

105 96.8 91.6 131.6

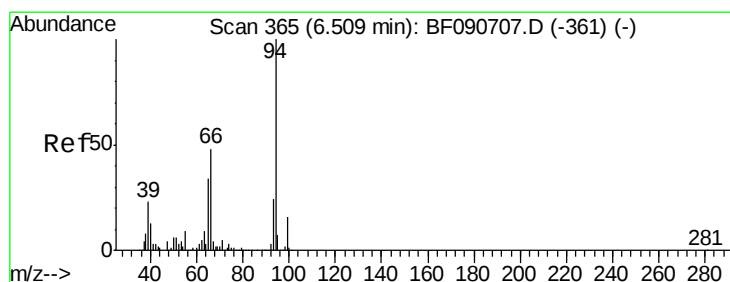
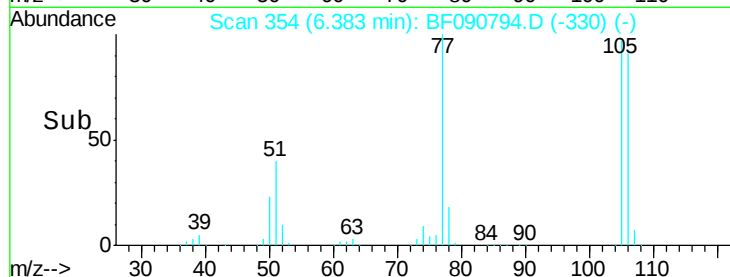
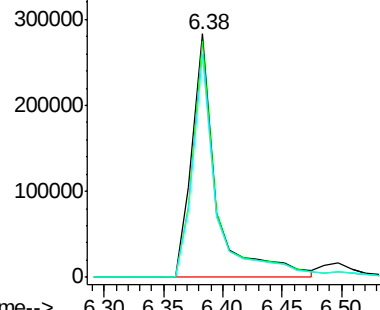
106 91.5 102.6 142.6#



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: 34.83 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

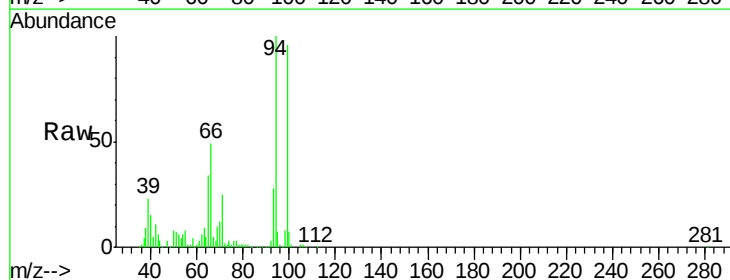
Tgt Ion: 94 Resp: 787069

Ion Ratio Lower Upper

94 100

65 34.4 0.7 40.7

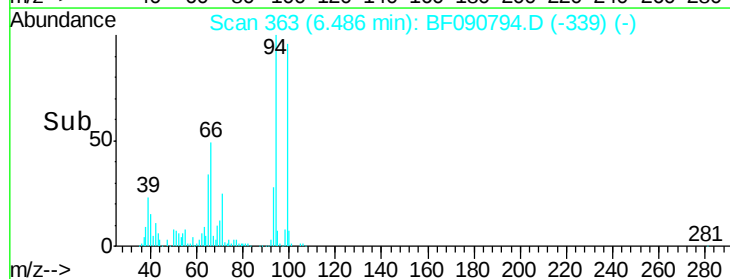
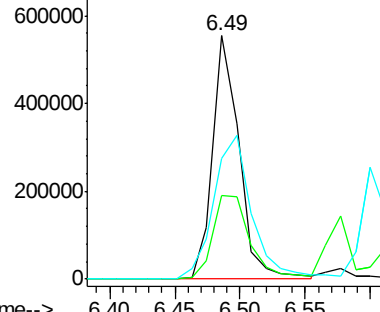
66 49.3 0.8 40.8#

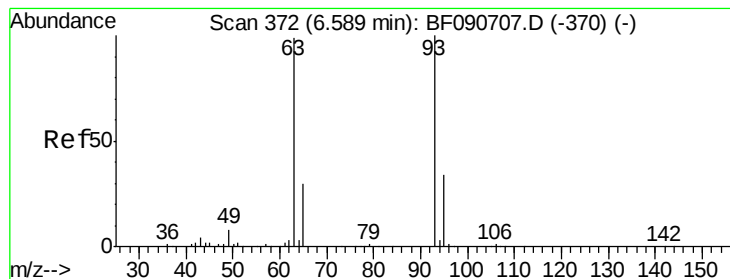


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.00 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

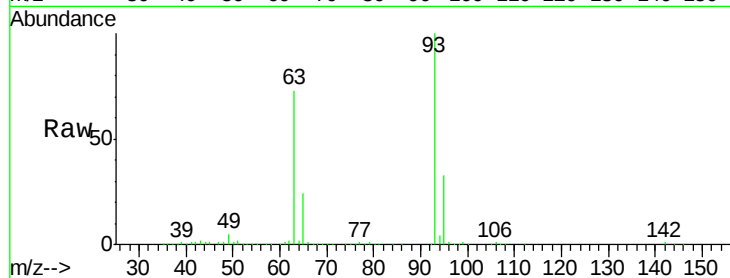
Tot Ion: 93 Resp: 759383

Ion Ratio Lower Upper

93 100

63 72.9 65.6 105.6

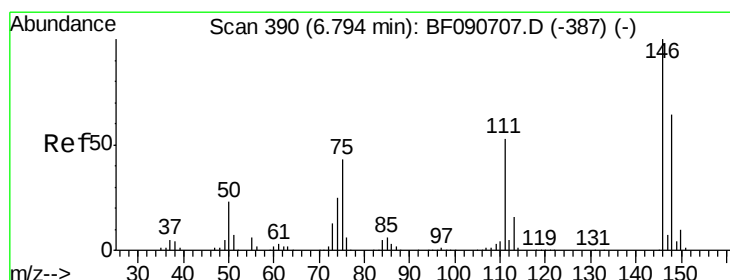
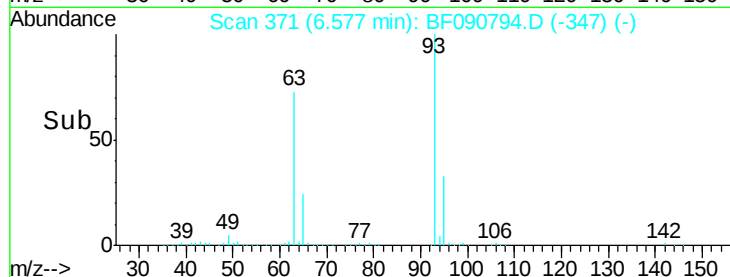
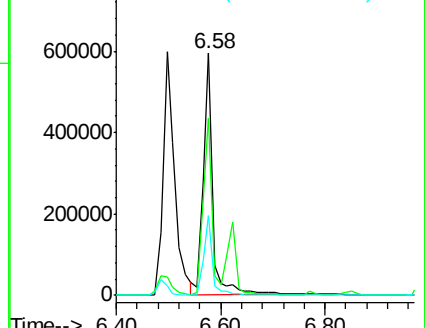
95 33.0 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.26 ng

RT: 6.77 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

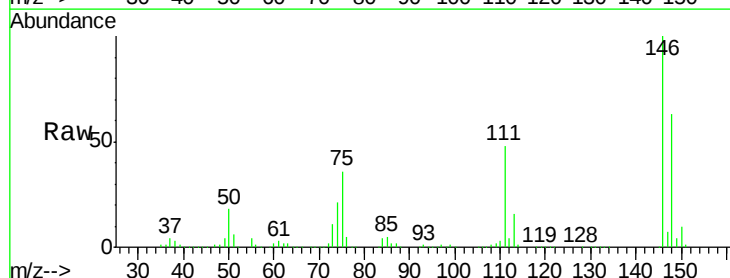
Tgt Ion: 146 Resp: 702513

Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.4

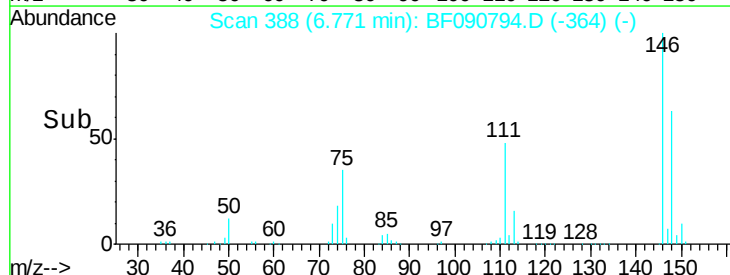
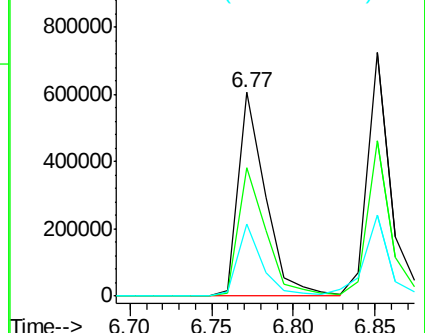
75 35.7 15.0 22.6#

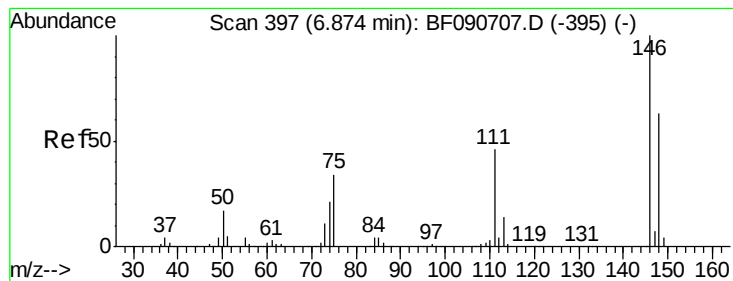


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.47 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

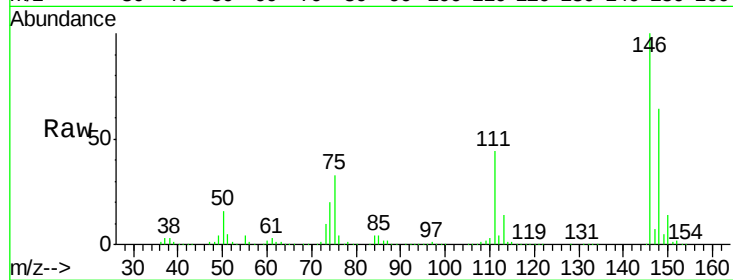
Tot Ion:146 Resp: 749076

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

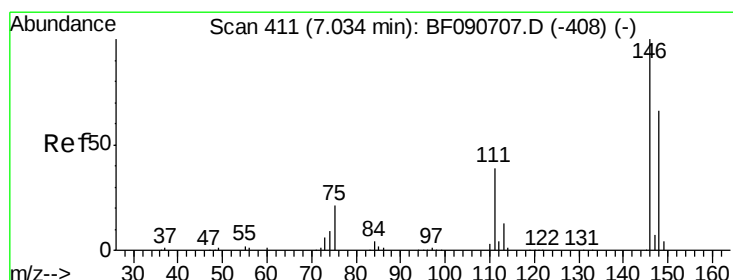
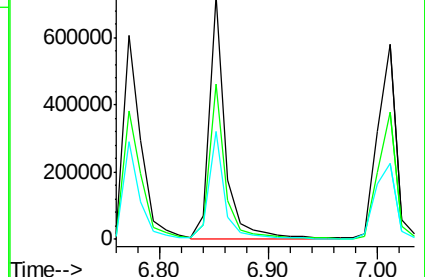
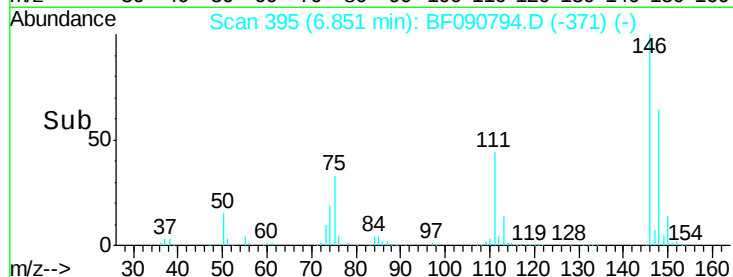
111 44.1 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.71 ng

RT: 7.01 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

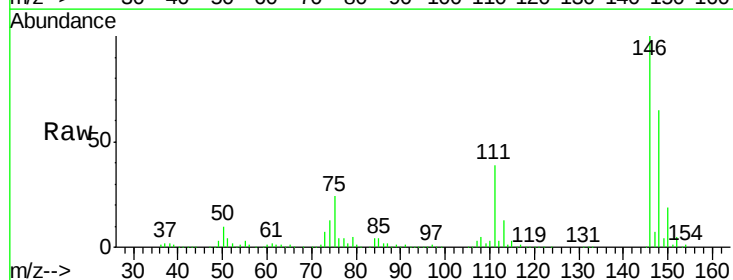
Tgt Ion:146 Resp: 700615

Ion Ratio Lower Upper

146 100

148 65.2 52.7 79.1

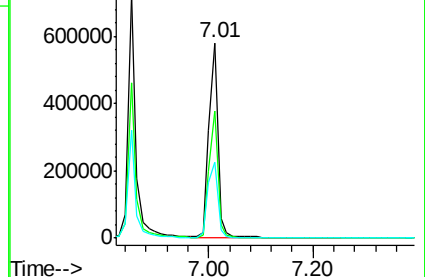
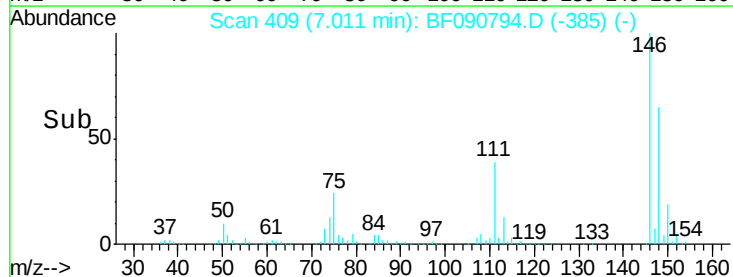
111 39.0 28.8 43.2



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: 37.94 ng

RT: 6.99 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

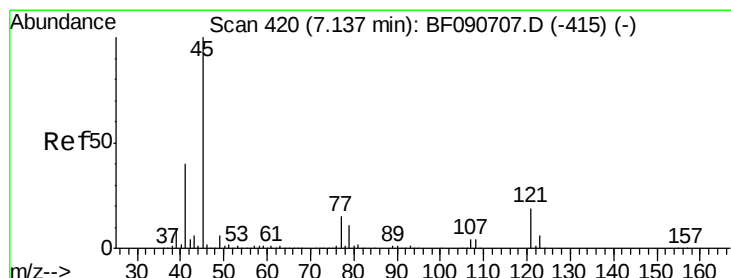
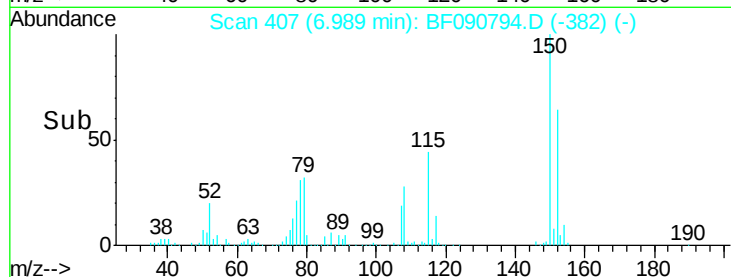
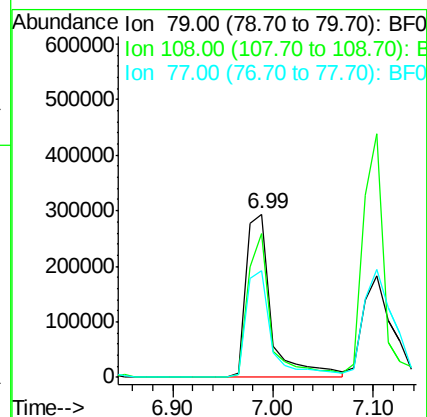
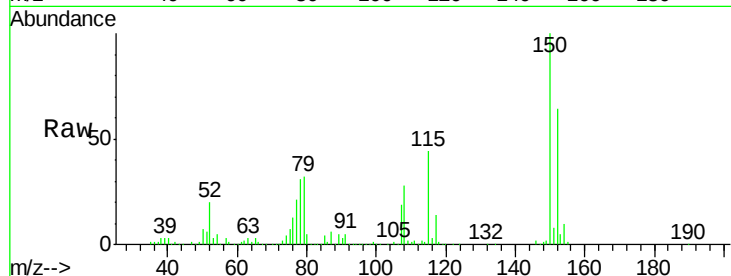
Tot Ion: 79 Resp: 518003

Ion Ratio Lower Upper

79 100

108 88.3 88.6 132.8#

77 65.5 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.57 ng

RT: 7.11 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

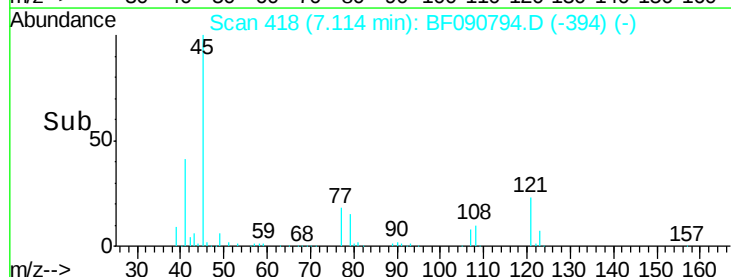
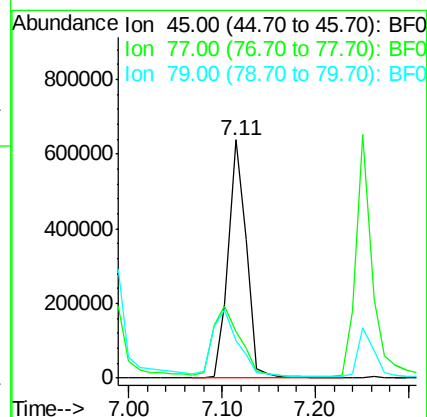
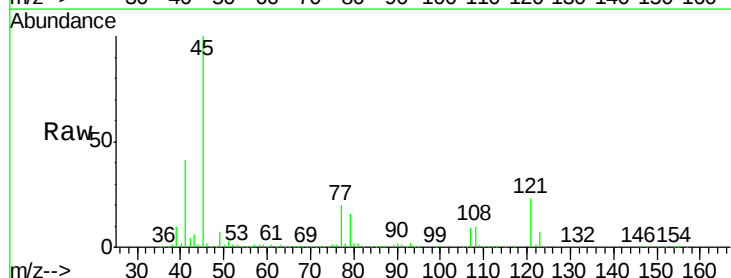
Tgt Ion: 45 Resp: 869181

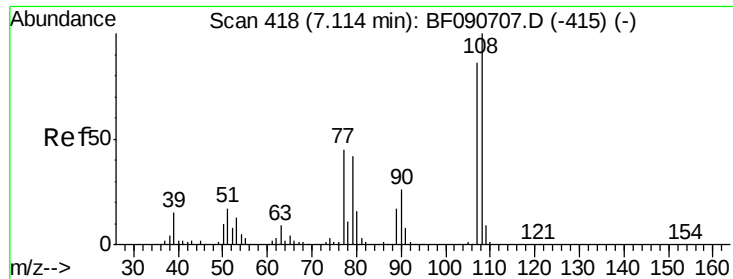
Ion Ratio Lower Upper

45 100

77 19.7 0.0 28.1

79 15.9 0.0 26.0

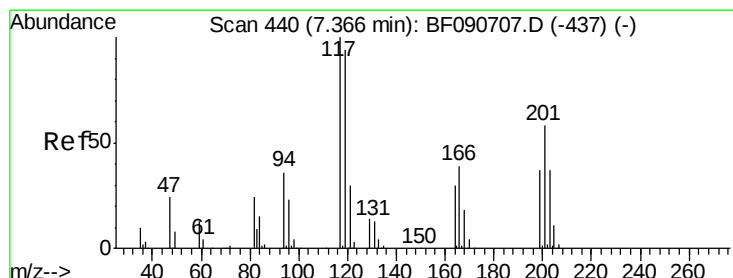
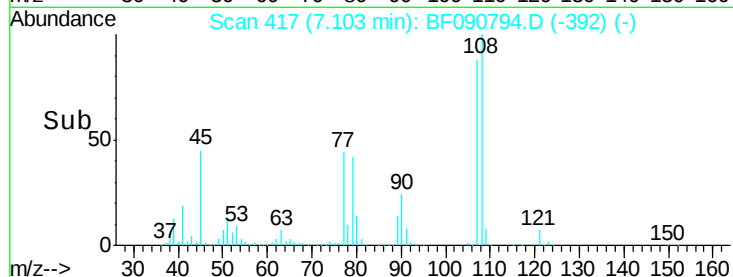
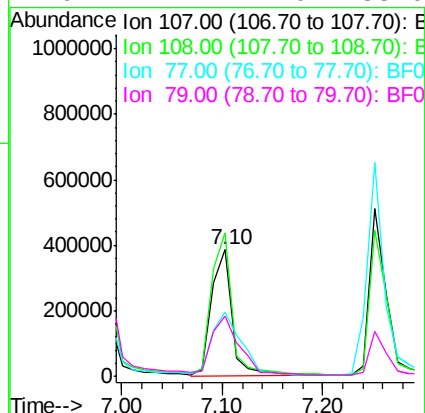
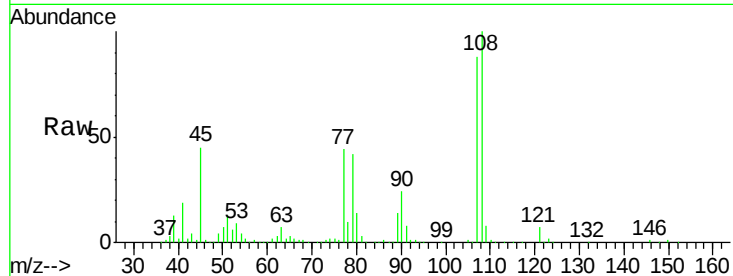




#17
2-Methylphenol
Concen: 41.11 ng
RT: 7.10 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

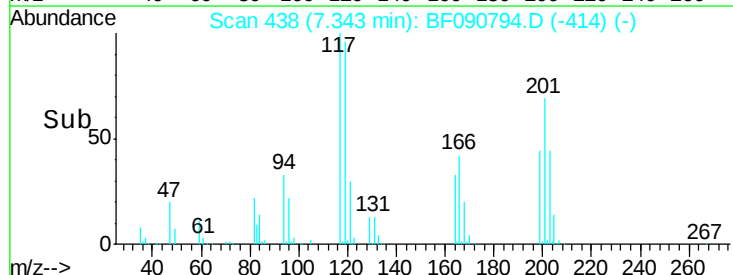
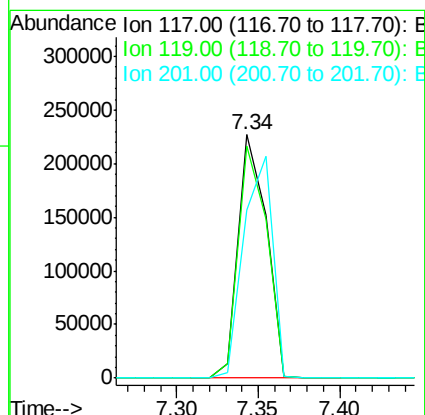
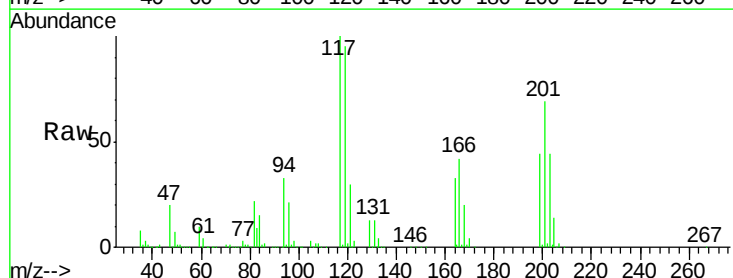
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

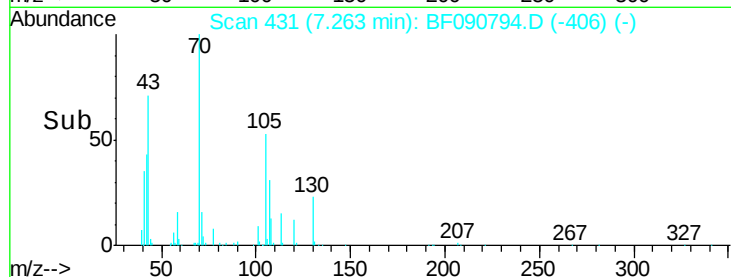
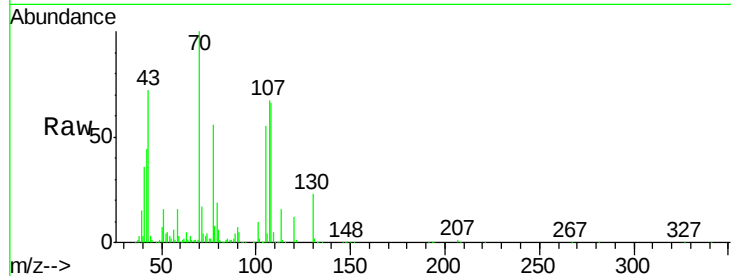
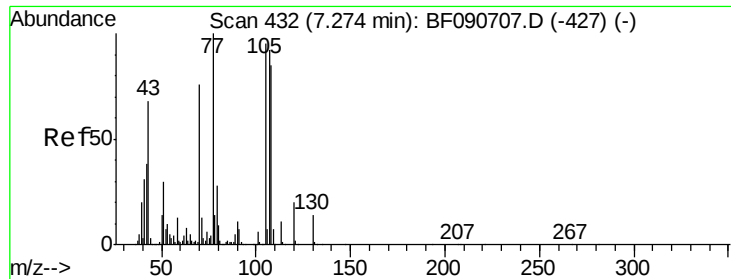
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.8	96.6	145.0
77	50.4	23.3	34.9#
79	47.4	22.0	33.0#



#18
Hexachloroethane
Concen: 35.03 ng
RT: 7.34 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	83.8	125.6
201	69.0	55.1	82.7

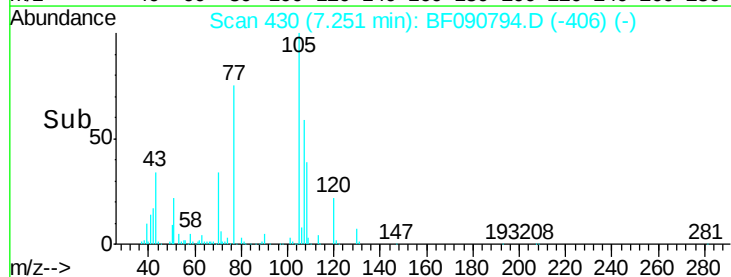
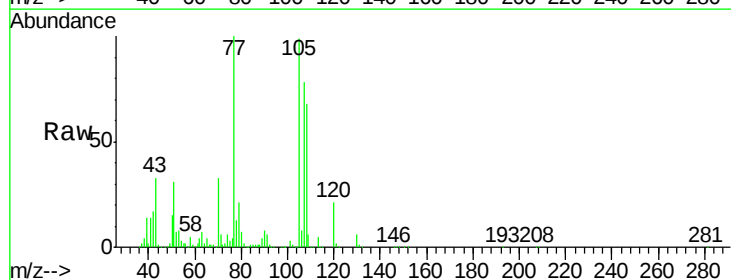
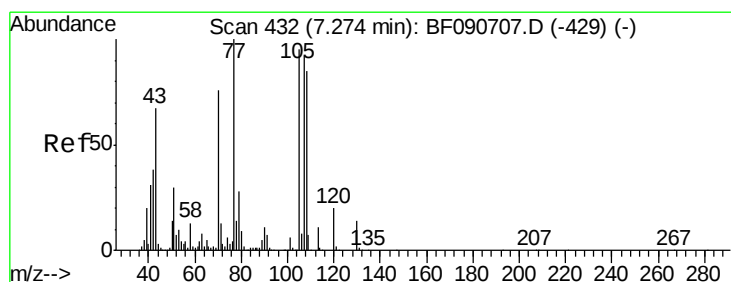
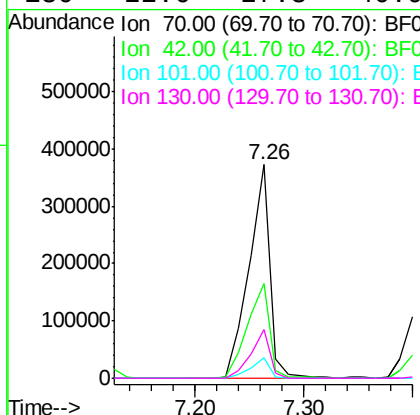




#19
n-Nitroso-di-n-propylamine
Concen: 33.27 ng
RT: 7.26 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

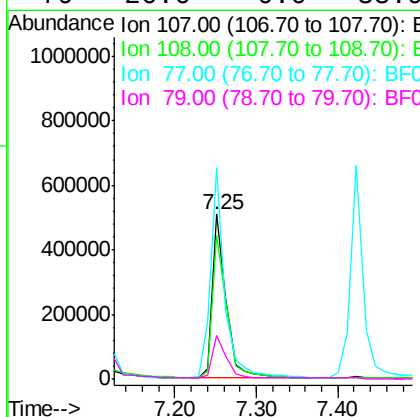
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

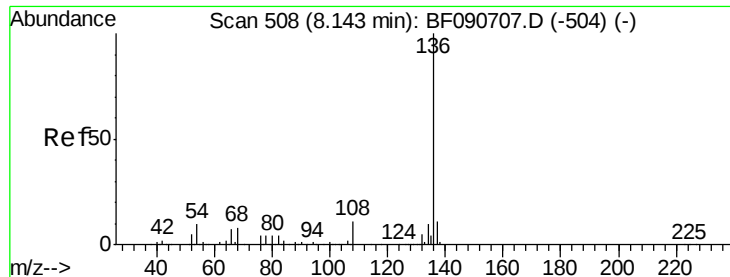
Tot Ion: 70 Resp: 497971
Ion Ratio Lower Upper
70 100
42 44.3 63.8 95.6#
101 9.6 9.2 13.8
130 22.6 27.3 40.9#



#20
3+4-Methylphenols
Concen: 37.56 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion: 107 Resp: 597586
Ion Ratio Lower Upper
107 100
108 87.0 74.6 114.6
77 127.7 0.7 40.7#
79 26.6 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 982232

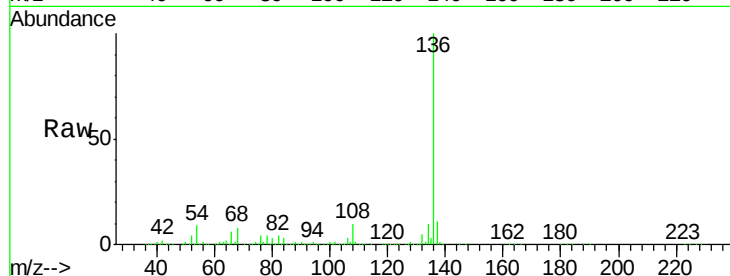
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 9.0 8.2 12.2

68 8.1 5.8 8.6

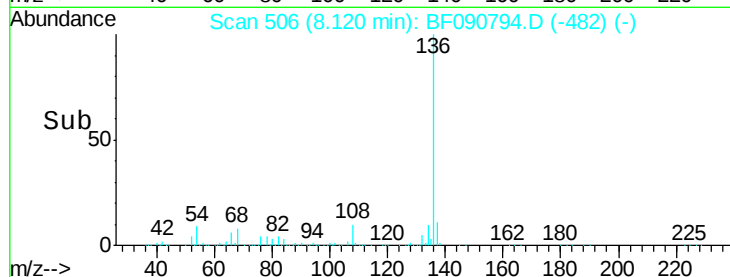


Abundance Ion 136.00 (135.70 to 136.70): E

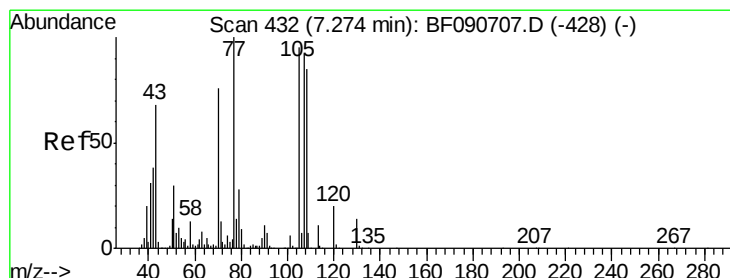
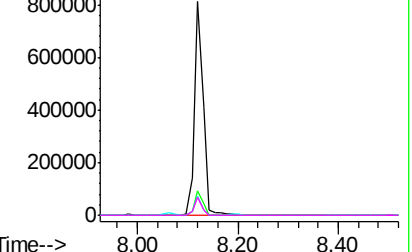
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.54 ng

RT: 7.25 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Tgt Ion:105 Resp: 843658

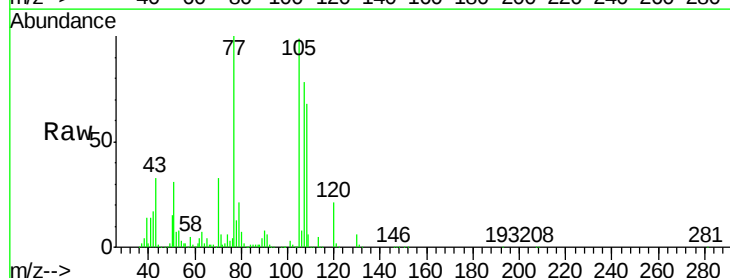
Ion Ratio Lower Upper

105 100

71 5.6 4.7 7.1

51 31.7 22.0 33.0

120 21.7 30.1 45.1#

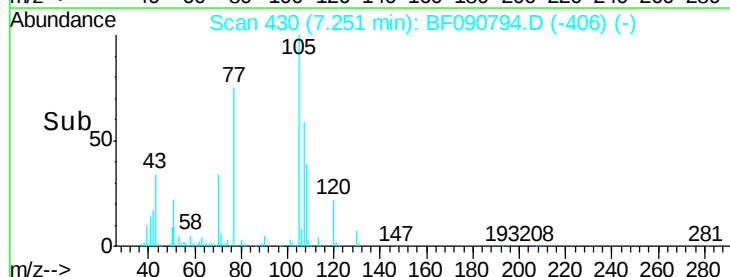


Abundance Ion 105.00 (104.70 to 105.70): E

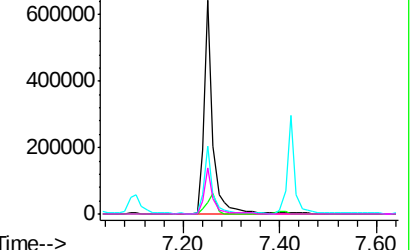
Ion 71.00 (70.70 to 71.70): BF0

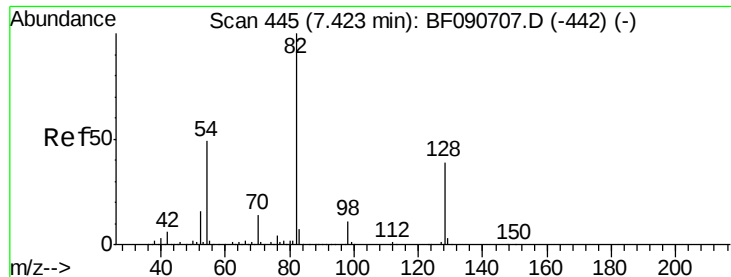
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

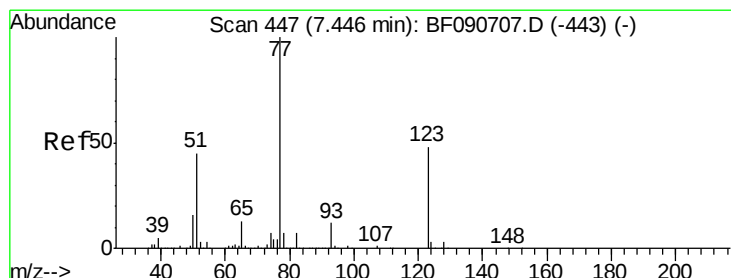
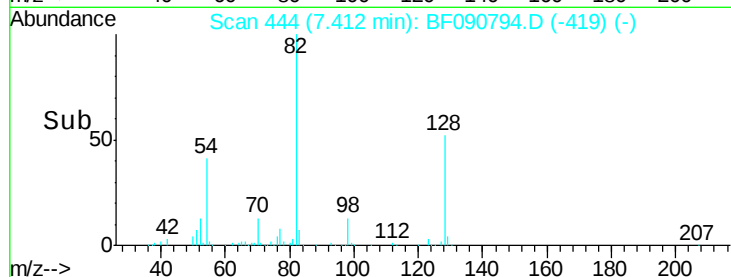
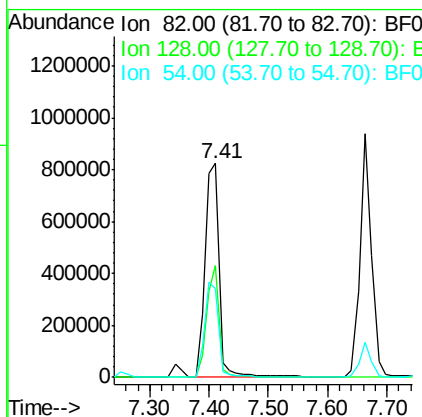
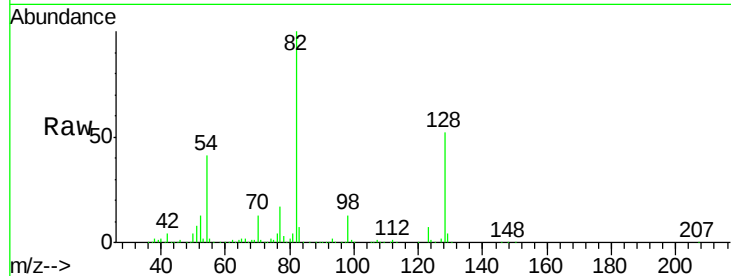




#23
 Nitrobenzene-d5
 Concen: 78.24 ng
 RT: 7.41 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

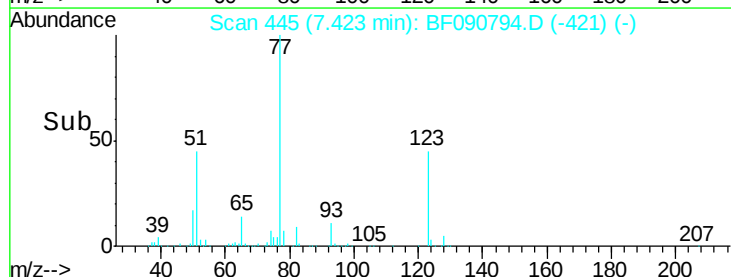
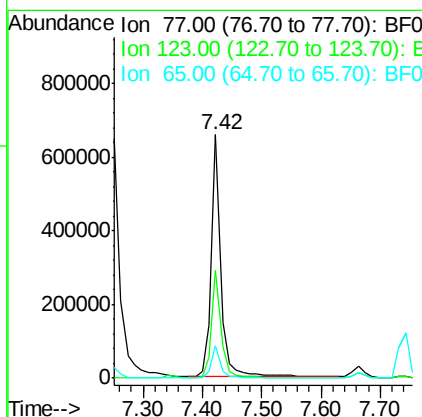
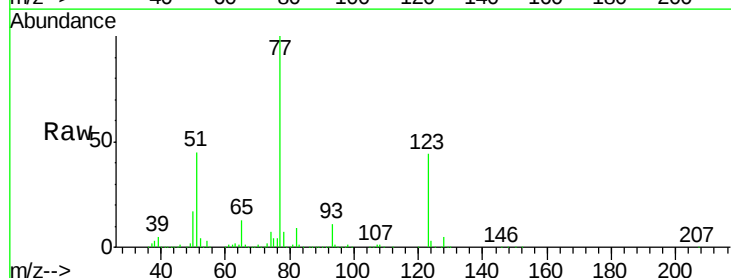
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

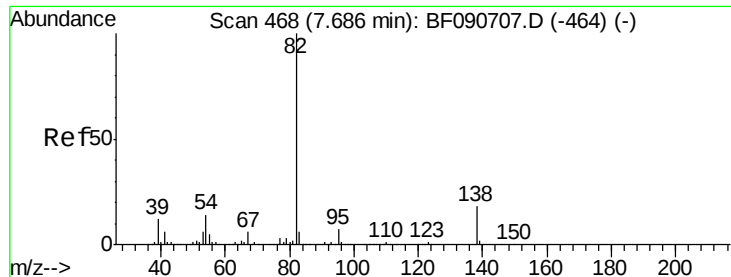
Tot Ion: 82 Resp: 1401254
 Ion Ratio Lower Upper
 82 100
 128 52.2 51.0 76.6
 54 41.4 47.5 71.3#



#24
 Nitrobenzene
 Concen: 37.98 ng
 RT: 7.42 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Tgt Ion: 77 Resp: 737433
 Ion Ratio Lower Upper
 77 100
 123 44.4 59.8 89.8#
 65 13.5 10.2 15.4





#25

Isophorone

Concen: 37.02 ng

RT: 7.66 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

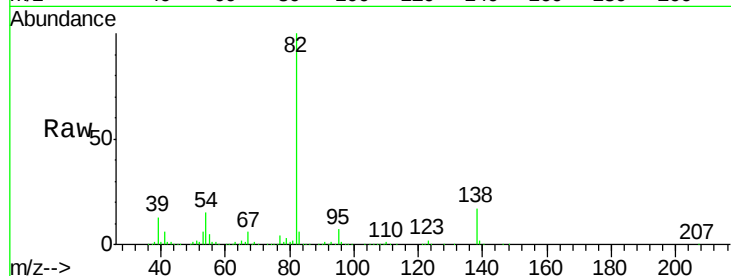
Tot Ion: 82 Resp: 1255067

Ion Ratio Lower Upper

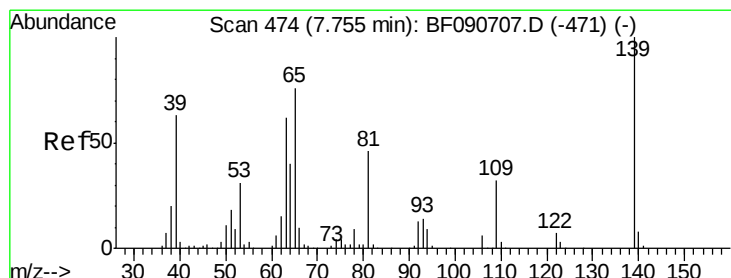
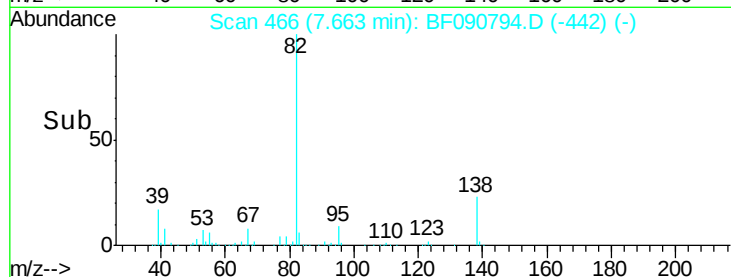
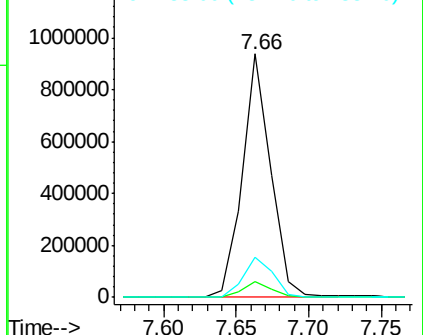
82 100

95 6.5 4.0 6.0#

138 16.7 18.3 27.5#



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



#26

2-Nitrophenol

Concen: 47.43 ng

RT: 7.74 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

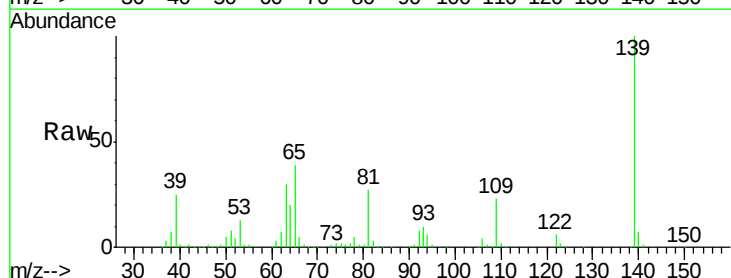
Tgt Ion: 139 Resp: 376174

Ion Ratio Lower Upper

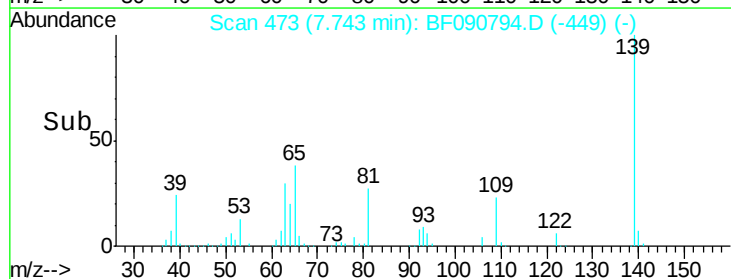
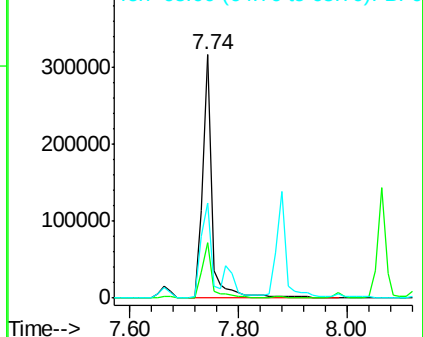
139 100

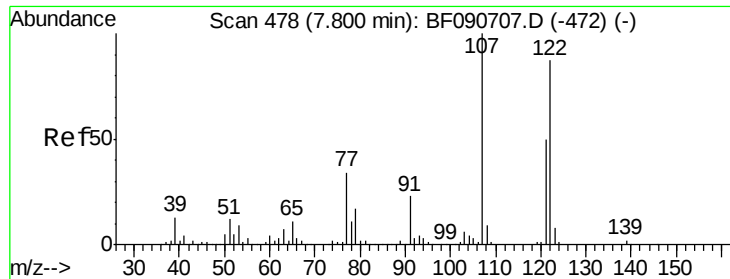
109 22.7 11.0 16.4#

65 38.9 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 41.48 ng

RT: 7.79 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

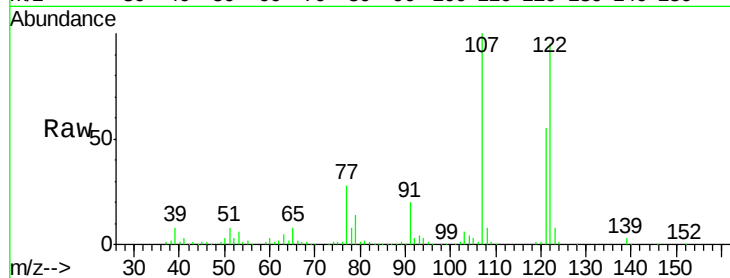
Tot Ion:122 Resp: 583365

Ion Ratio Lower Upper

122 100

107 105.0 71.8 107.6

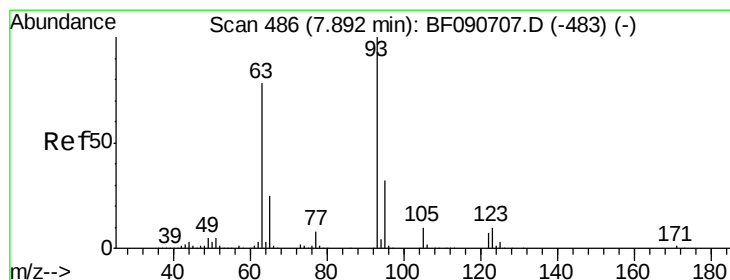
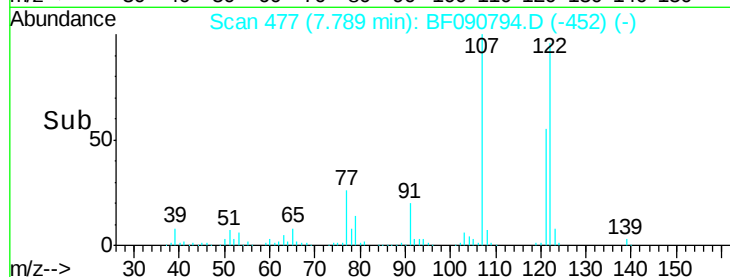
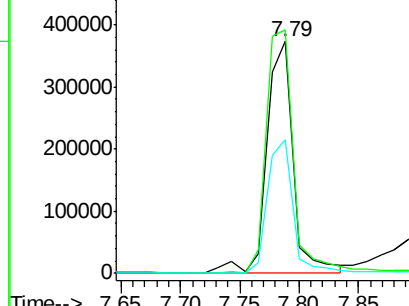
121 57.6 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.51 ng

RT: 7.88 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

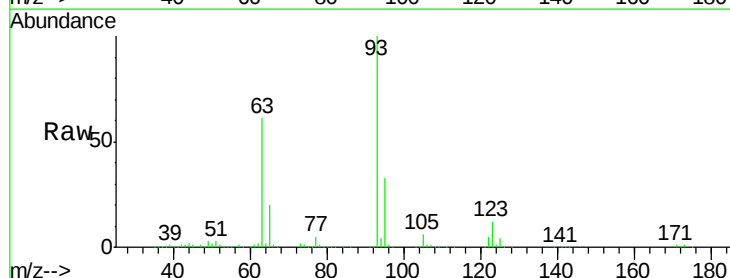
Tgt Ion: 93 Resp: 769819

Ion Ratio Lower Upper

93 100

95 33.0 27.5 41.3

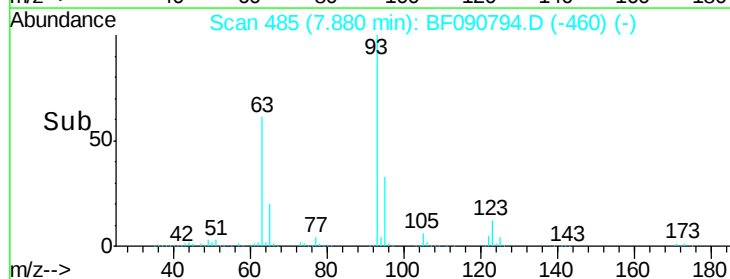
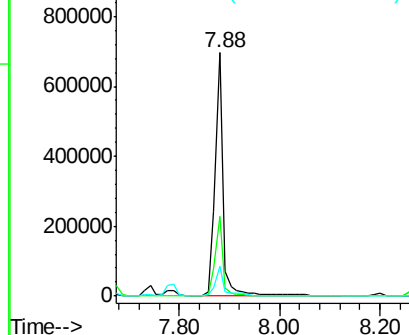
123 12.1 13.7 20.5#

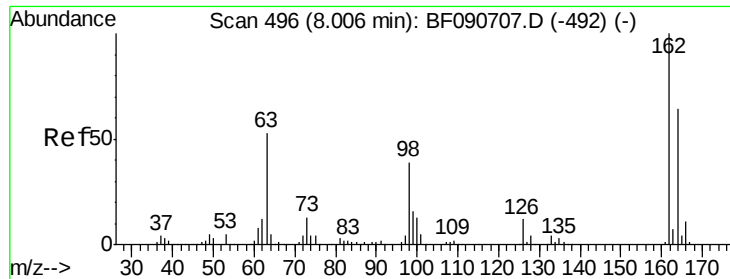


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

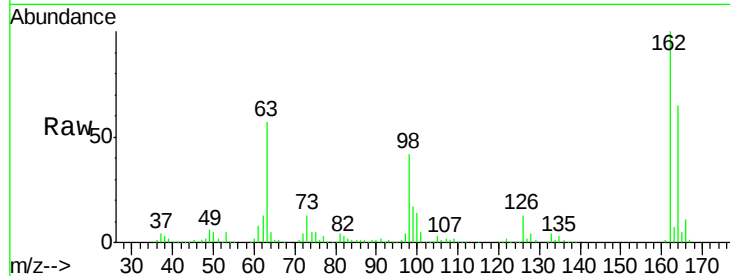




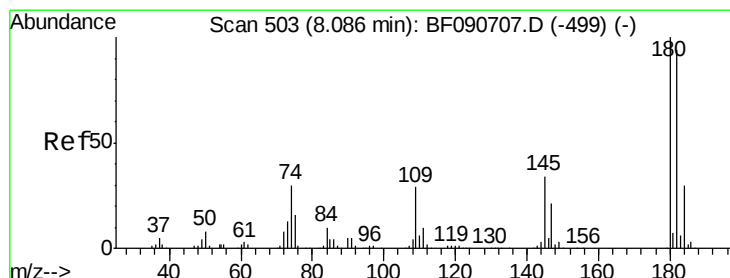
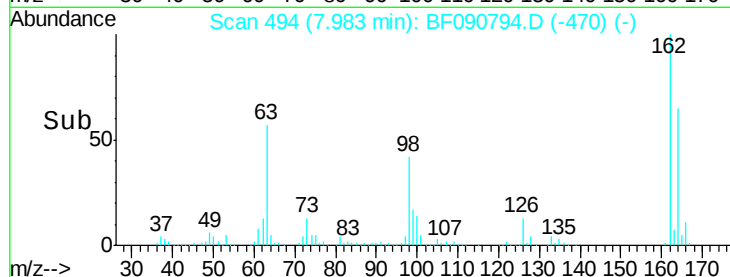
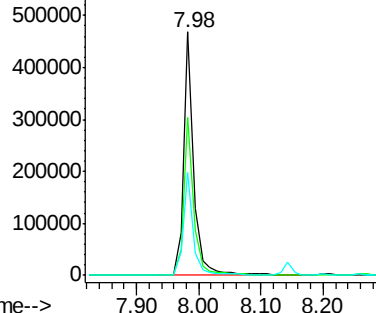
#29
2,4-Dichlorophenol
Concen: 45.52 ng
RT: 7.98 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:162 Resp: 525436
Ion Ratio Lower Upper
162 100
164 64.9 44.9 84.9
98 42.0 13.0 53.0

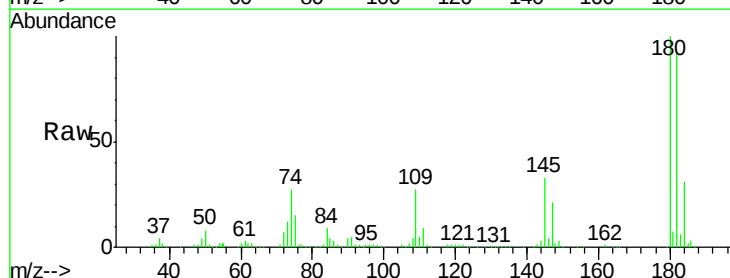


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

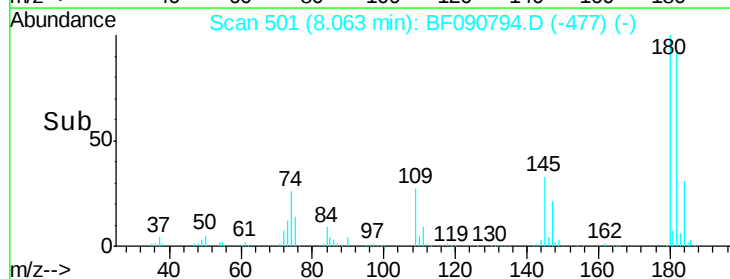
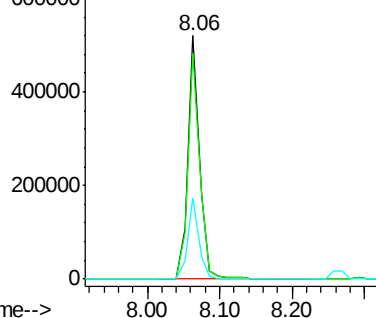


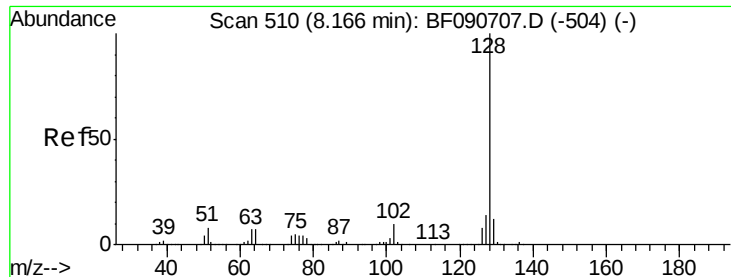
#30
1,2,4-Trichlorobenzene
Concen: 42.91 ng
RT: 8.06 min Scan# 501
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion:180 Resp: 582907
Ion Ratio Lower Upper
180 100
182 92.9 77.1 115.7
145 33.4 23.3 34.9



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





#31

Naphthalene

Concen: 37.44 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

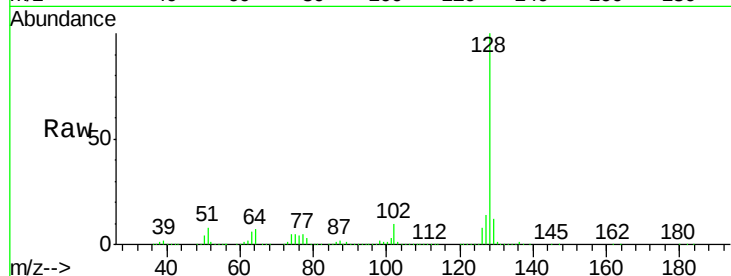
Tot Ion:128 Resp: 1798873

Ion Ratio Lower Upper

128 100

129 12.2 8.4 12.6

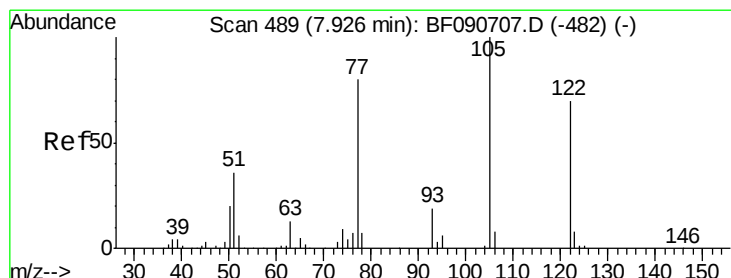
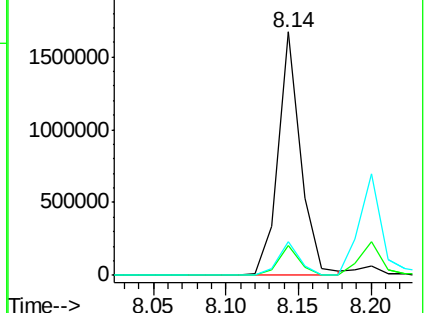
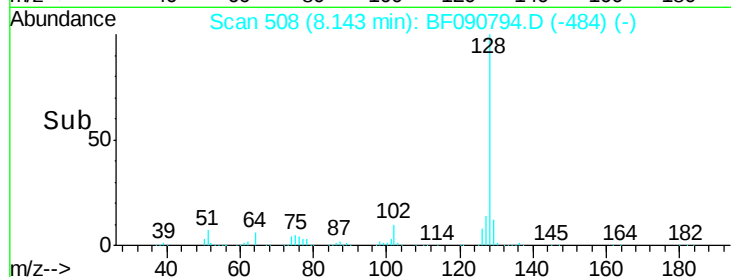
127 13.9 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.28 ng

RT: 7.93 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

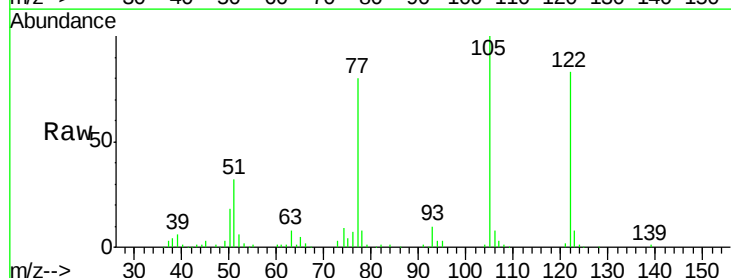
Tgt Ion:122 Resp: 314415

Ion Ratio Lower Upper

122 100

105 121.1 76.1 116.1#

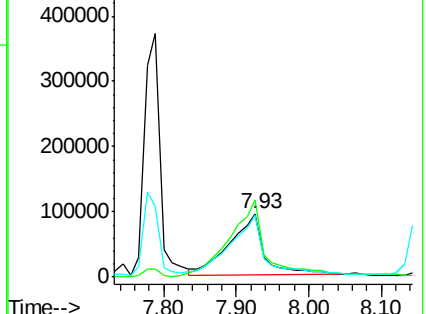
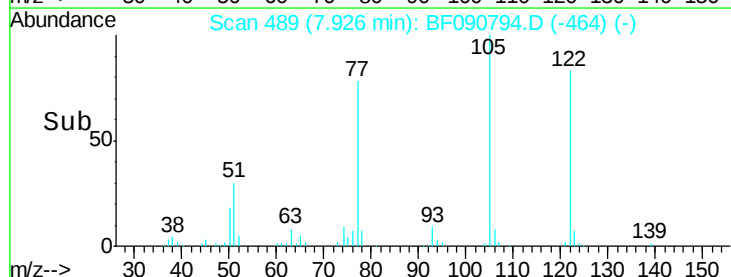
77 97.5 40.5 80.5#

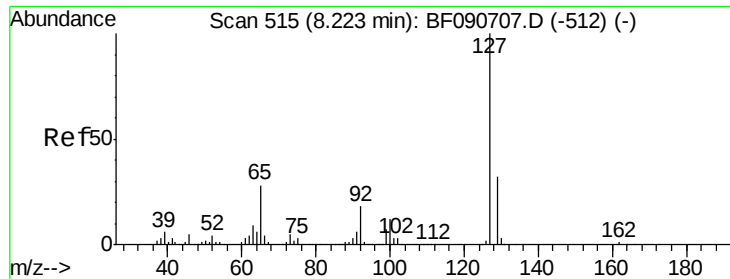


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

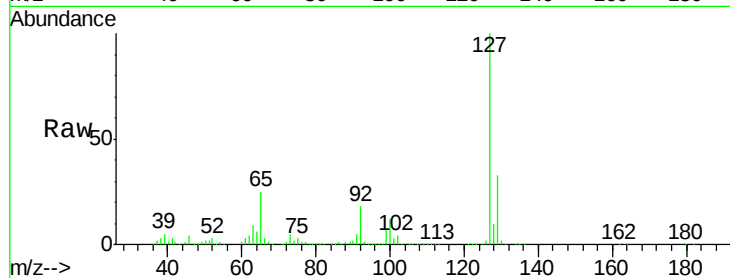




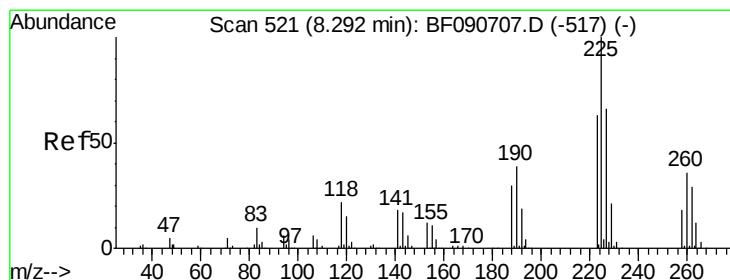
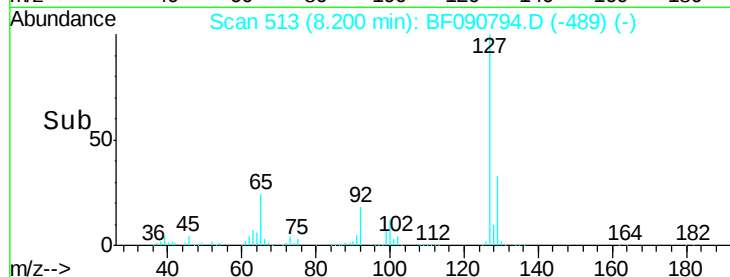
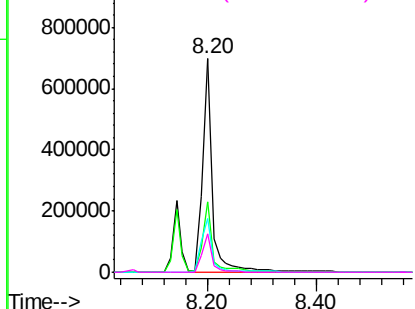
#33
4-Chloroaniline
Concen: 47.27 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:127	Resp:	842263
Ion Ratio	Lower	Upper
127	100	
129	33.0	25.8 38.6
65	25.3	17.9 26.9
92	18.0	10.5 15.7#

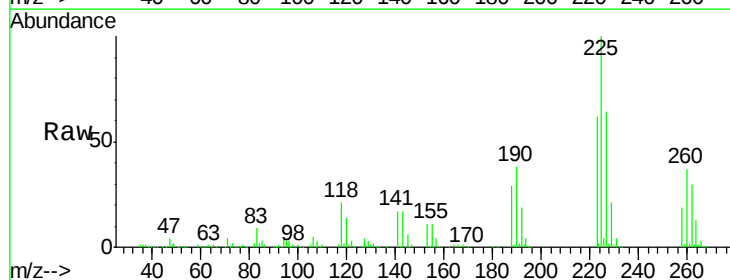


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

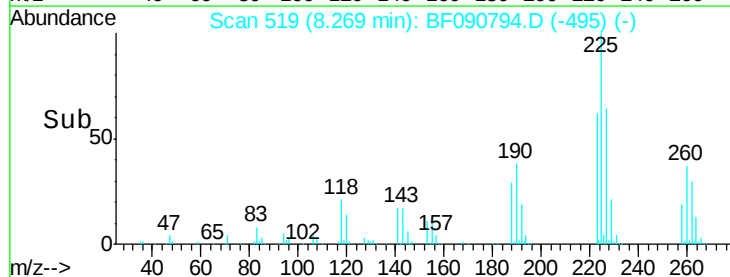
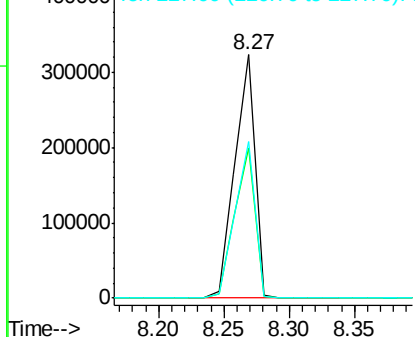


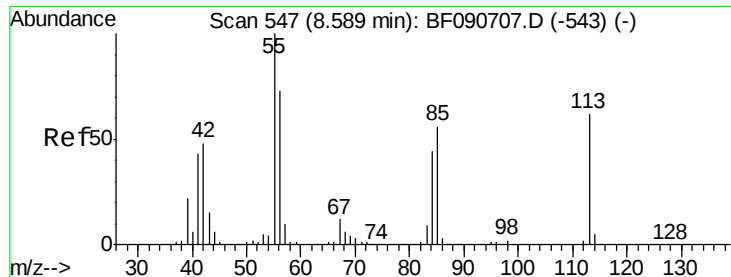
#34
Hexachlorobutadiene
Concen: 45.08 ng
RT: 8.27 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion:225	Resp:	344287
Ion Ratio	Lower	Upper
225	100	
223	61.9	50.2 75.2
227	64.5	52.2 78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.03 ng

RT: 8.58 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

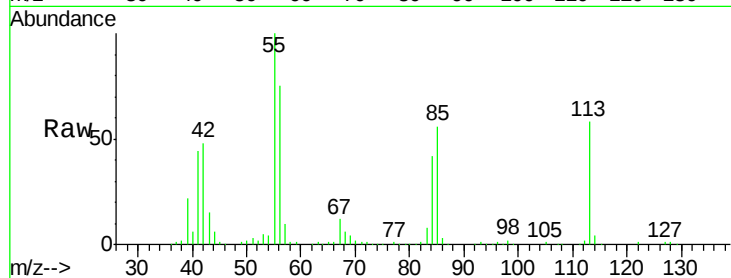
Tot Ion:113 Resp: 148448

Ion Ratio Lower Upper

113 100

55 172.9 152.4 192.4

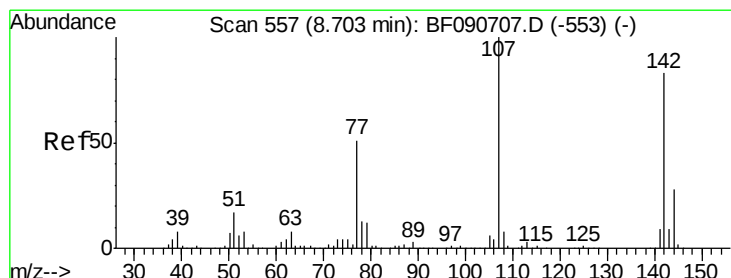
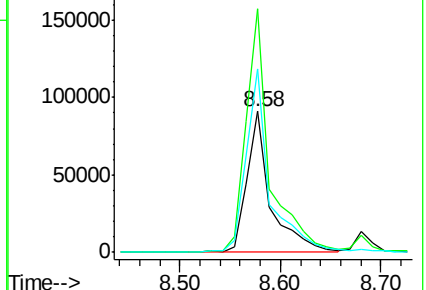
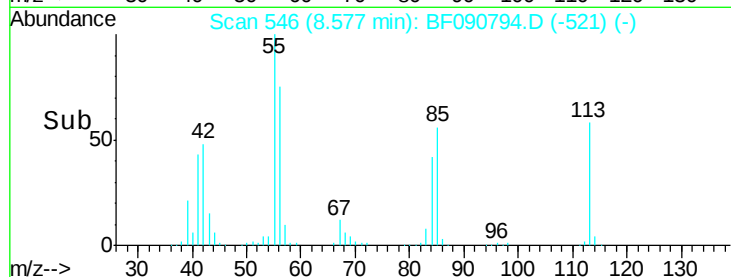
56 130.0 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.11 ng

RT: 8.68 min Scan# 555

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

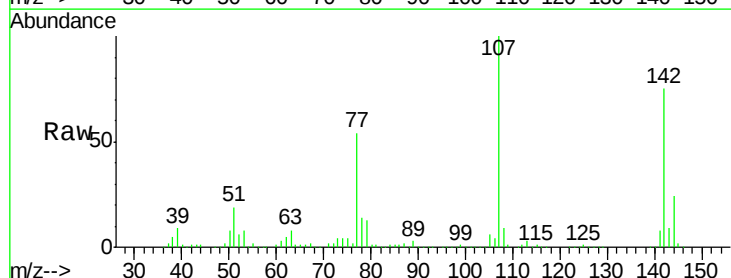
Tgt Ion:107 Resp: 538465

Ion Ratio Lower Upper

107 100

144 24.4 25.4 38.0#

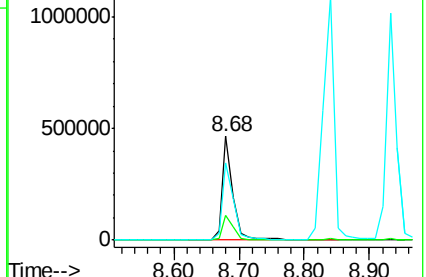
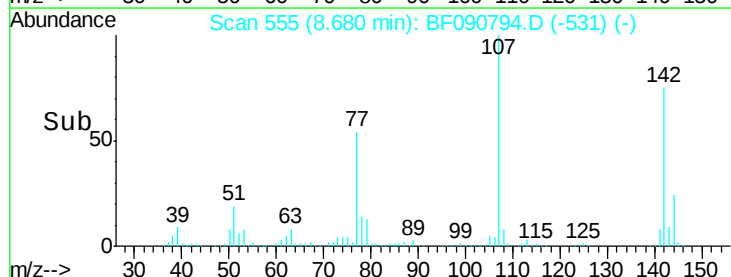
142 75.0 77.3 115.9#

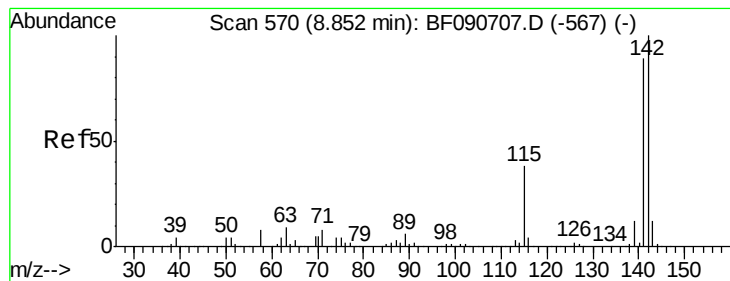


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

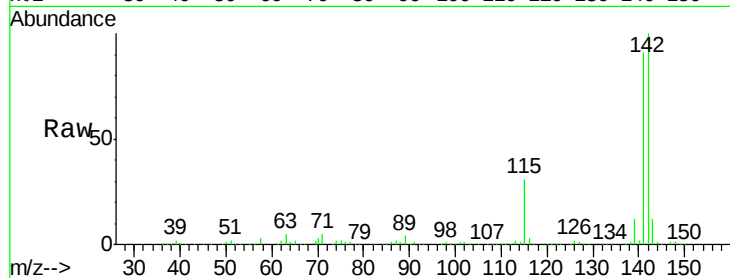




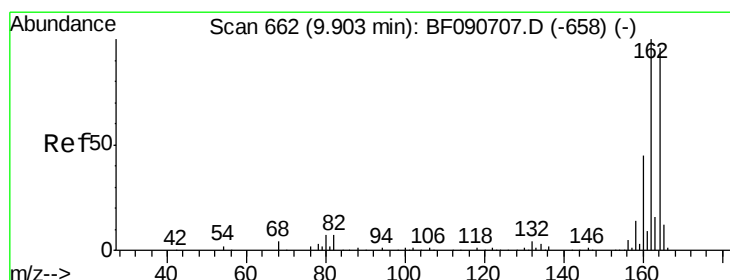
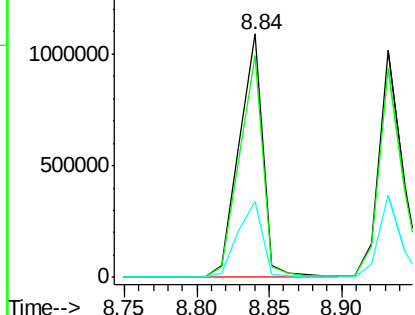
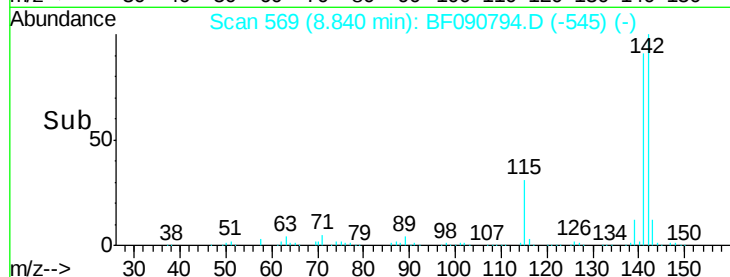
#37
 2-Methylnaphthalene
 Concen: 44.47 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:142 Resp: 1248679
 Ion Ratio Lower Upper
 142 100
 141 91.0 67.5 101.3
 115 31.2 18.2 27.2#

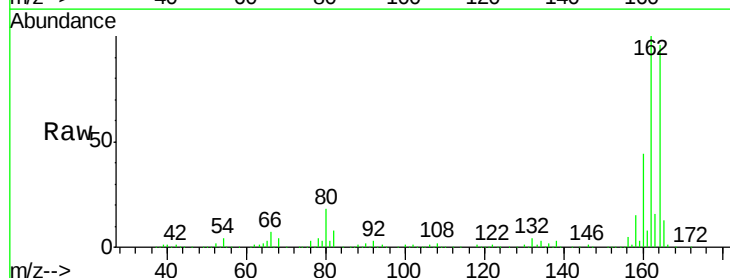


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

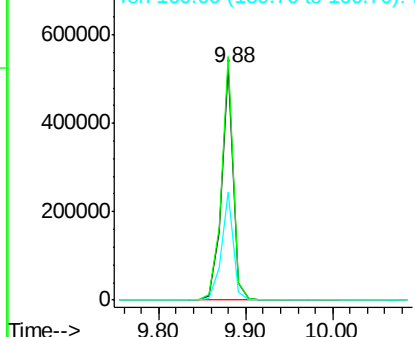
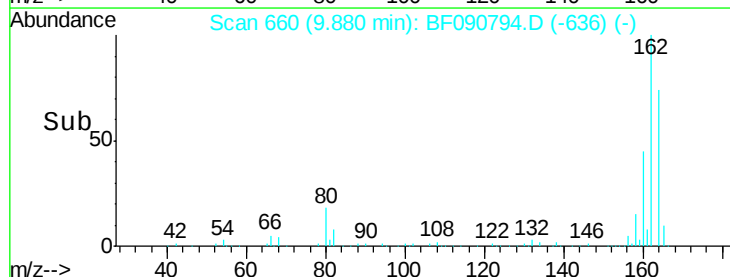


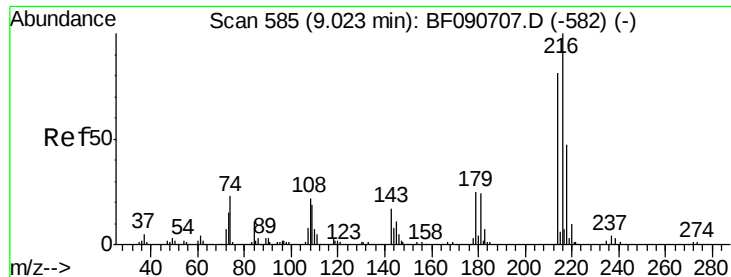
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Tgt Ion:164 Resp: 509101
 Ion Ratio Lower Upper
 164 100
 162 104.5 75.2 112.8
 160 46.2 31.5 47.3



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: 39.69 ng

RT: 9.00 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:216 Resp: 545576

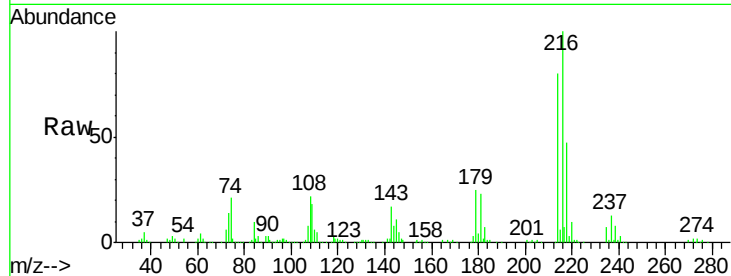
Ion Ratio Lower Upper

216 100

214 79.5 63.5 95.3

179 22.6 16.6 24.8

108 19.6 16.3 24.5

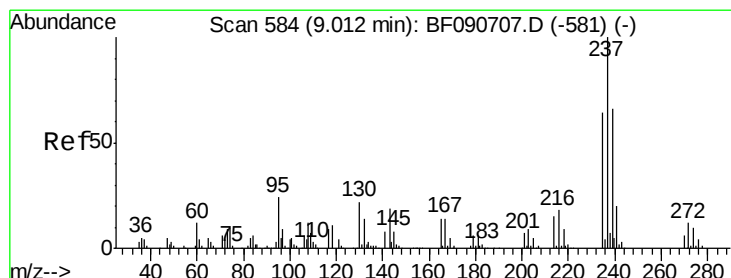
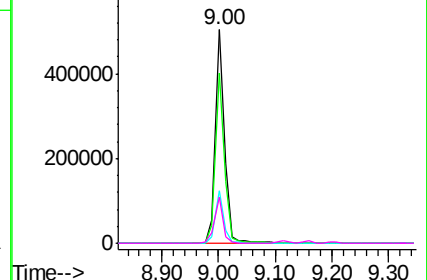
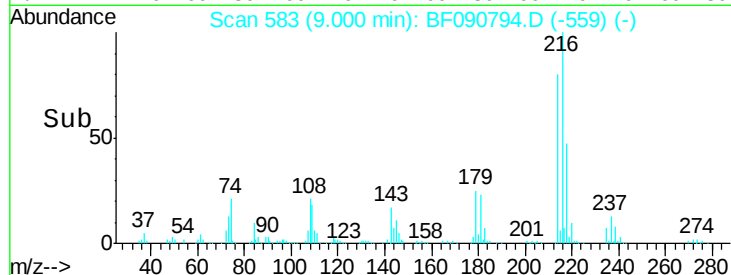


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.10 ng

RT: 8.99 min Scan# 582

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

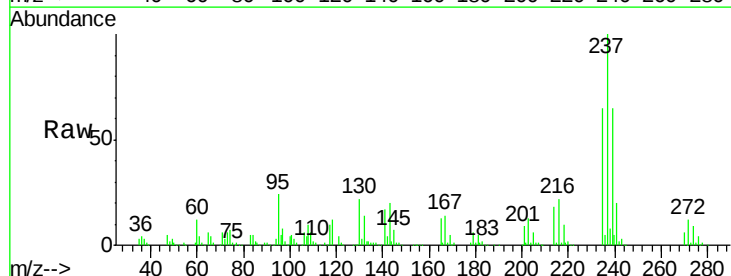
Tgt Ion:237 Resp: 232985

Ion Ratio Lower Upper

237 100

235 64.6 42.0 82.0

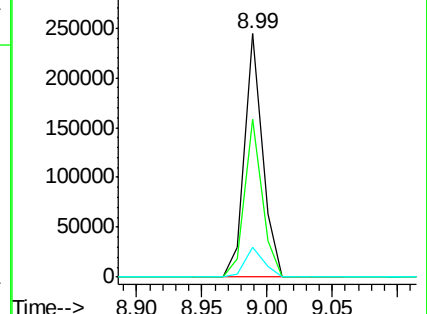
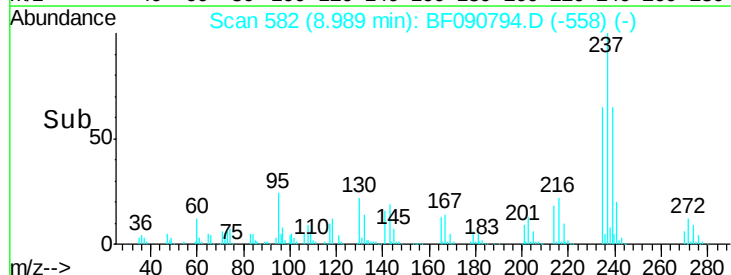
272 12.5 0.0 36.1

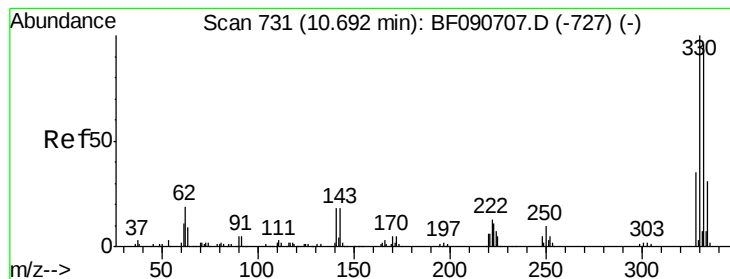


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 103.40 ng

RT: 10.67 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

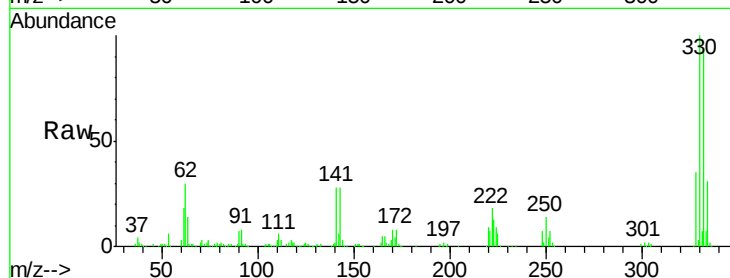
Tot Ion:330 Resp: 416671

Ion Ratio Lower Upper

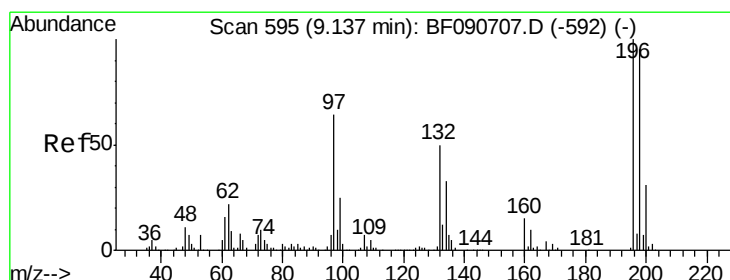
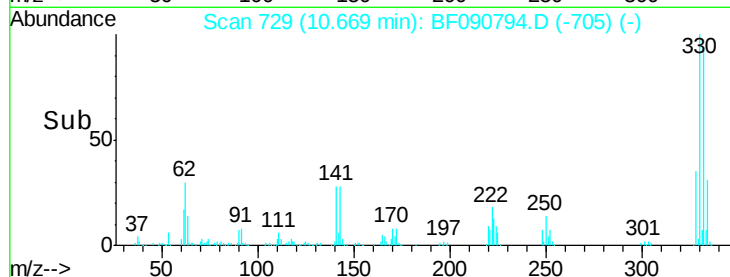
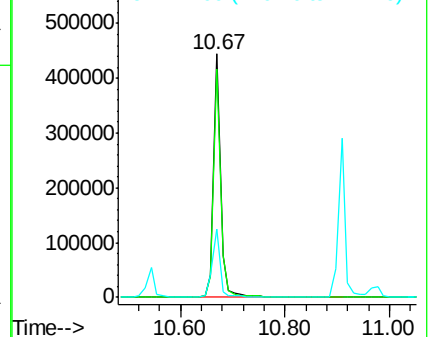
330 100

332 94.8 76.6 114.8

141 30.5 29.7 44.5



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



#42

2,4,6-Trichlorophenol

Concen: 42.73 ng

RT: 9.11 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

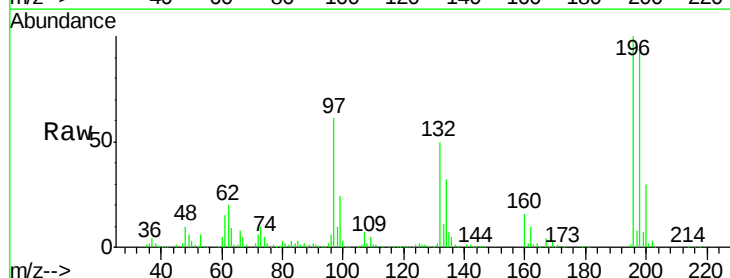
Tgt Ion:196 Resp: 364313

Ion Ratio Lower Upper

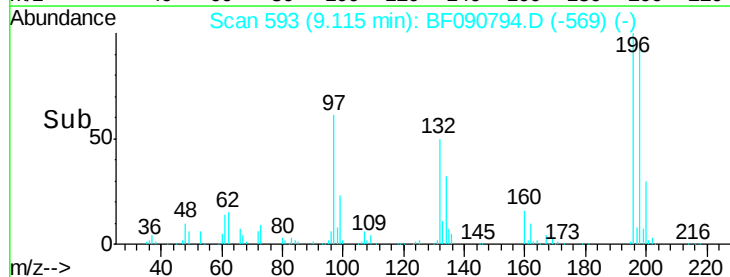
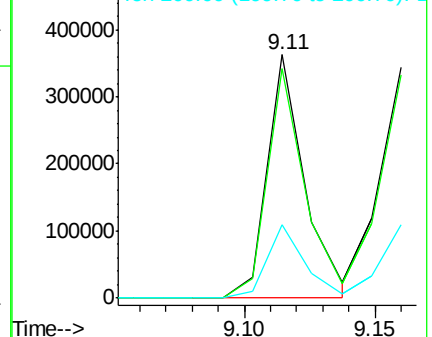
196 100

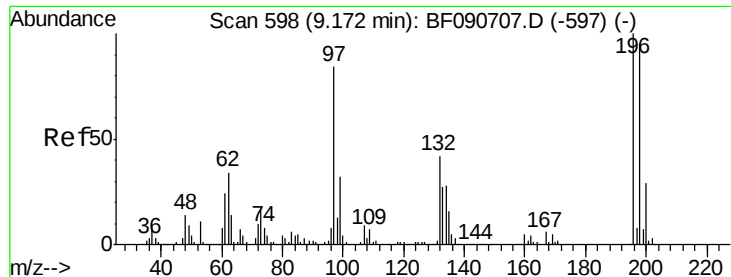
198 94.2 75.7 113.5

200 30.2 23.9 35.9



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

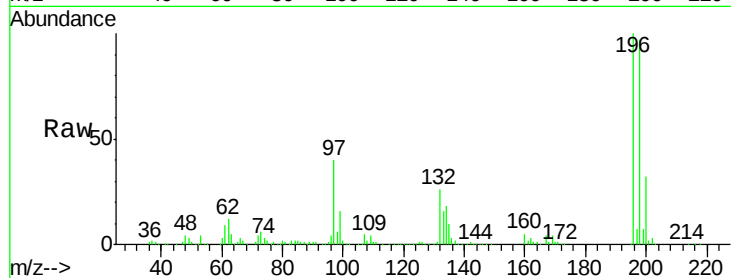




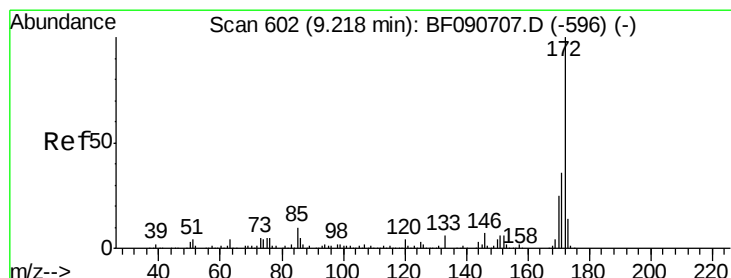
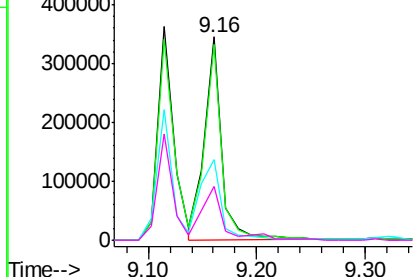
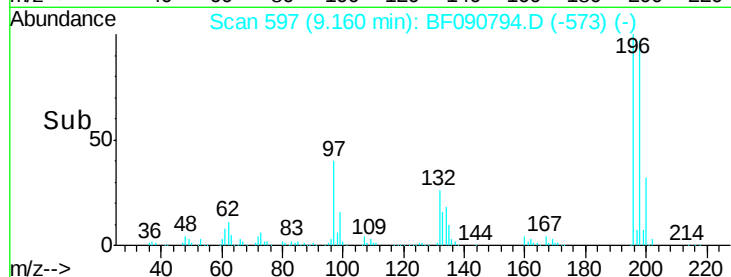
#43
2,4,5-Trichlorophenol
Concen: 44.05 ng
RT: 9.16 min Scan# 597
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:196 Resp: 381119
Ion Ratio Lower Upper
196 100
198 96.7 75.4 113.0
97 40.0 33.3 49.9
132 26.3 24.6 37.0

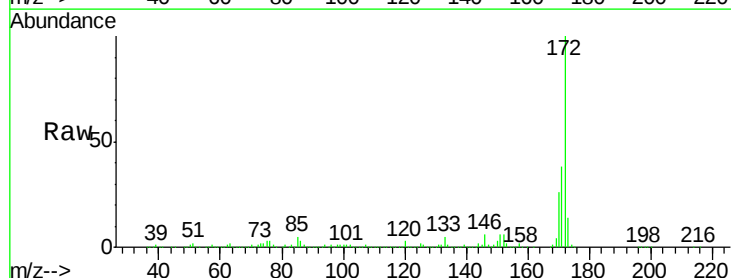


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

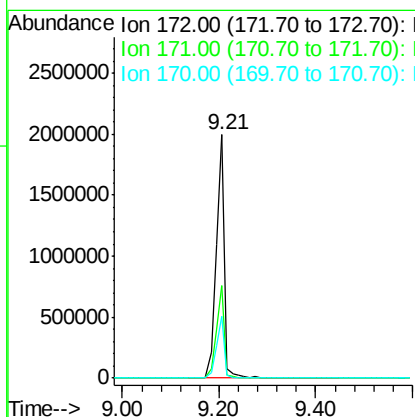
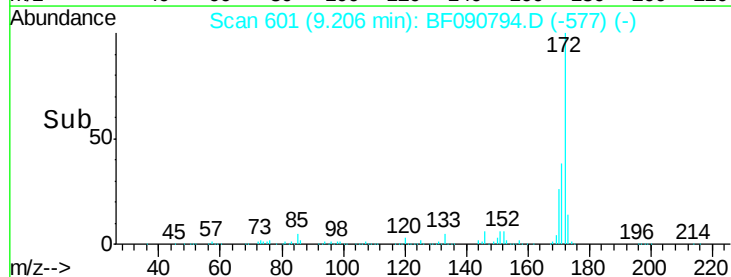


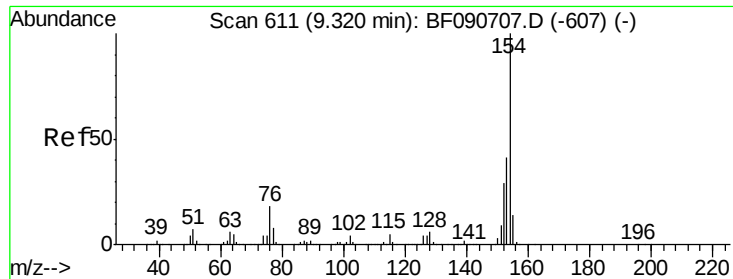
#44
2-Fluorobiphenyl
Concen: 73.41 ng
RT: 9.21 min Scan# 601
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion:172 Resp: 2407430
Ion Ratio Lower Upper
172 100
171 37.8 26.1 39.1
170 25.6 17.4 26.2



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: 35.07 ng

RT: 9.30 min Scan# 609

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

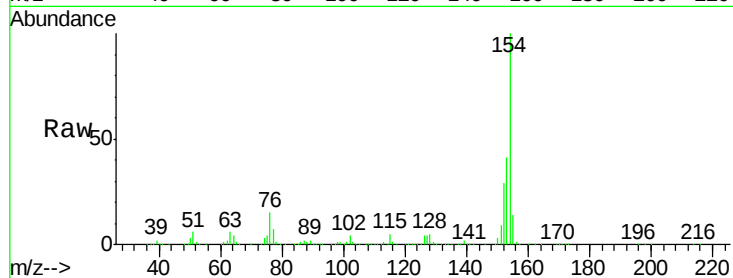
Tot Ion:154 Resp: 1401945

Ion Ratio Lower Upper

154 100

153 41.3 17.1 57.1

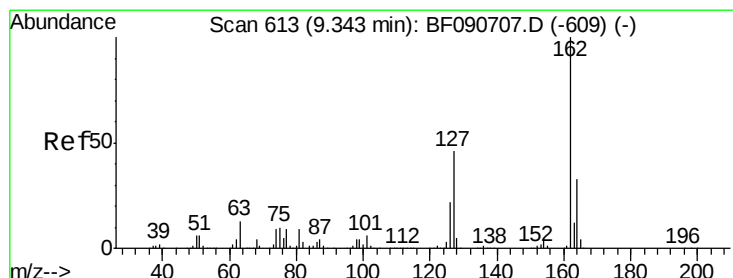
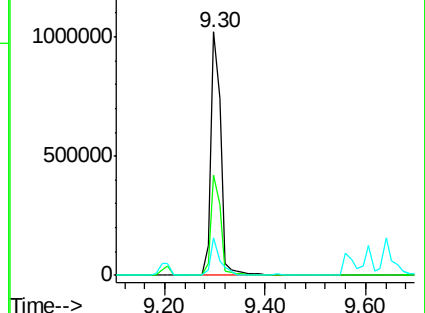
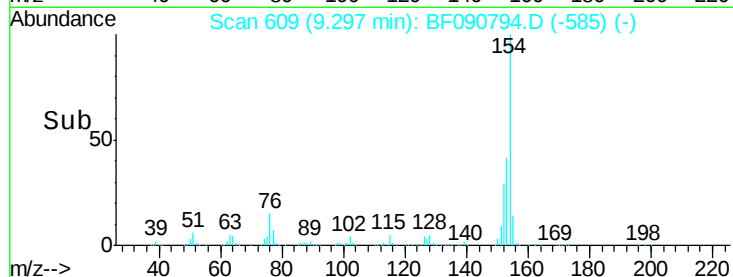
76 15.4 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.16 ng

RT: 9.33 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

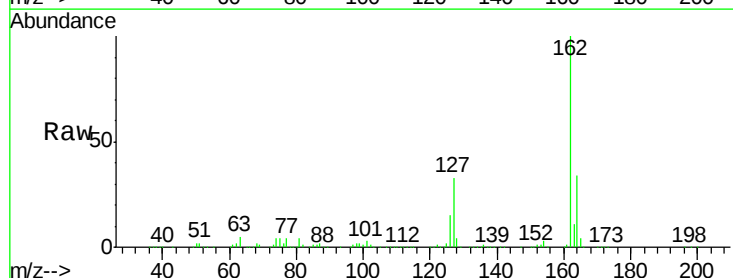
Tgt Ion:162 Resp: 1134027

Ion Ratio Lower Upper

162 100

127 33.3 27.6 41.4

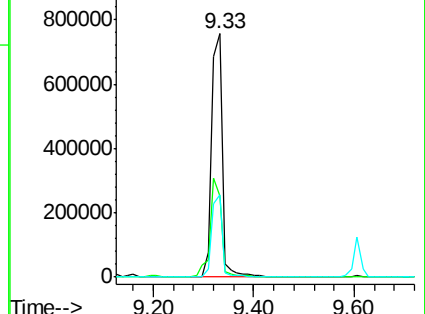
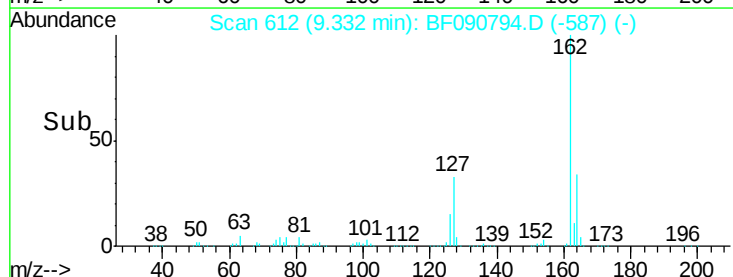
164 33.7 25.4 38.2

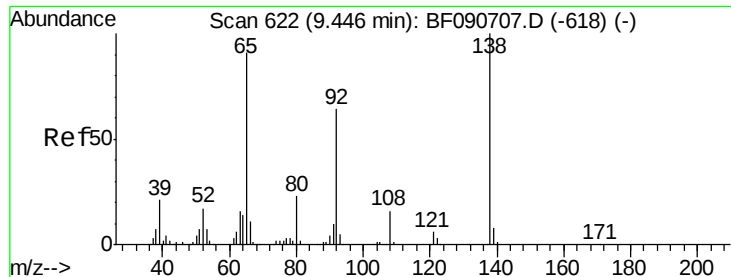


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

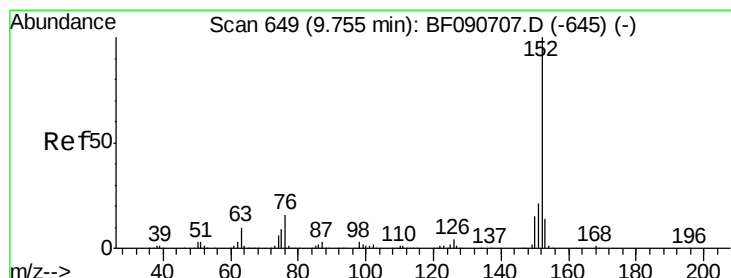
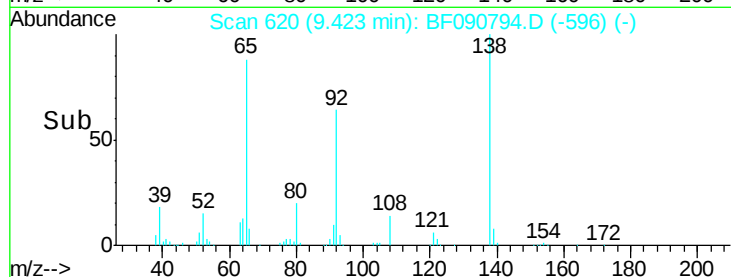
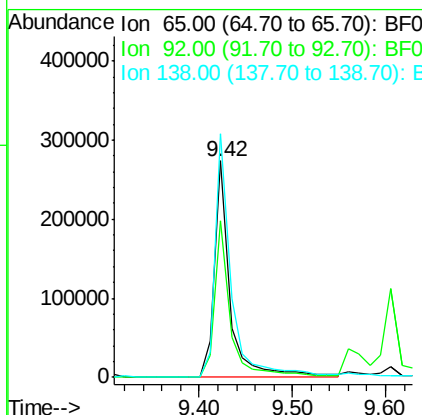
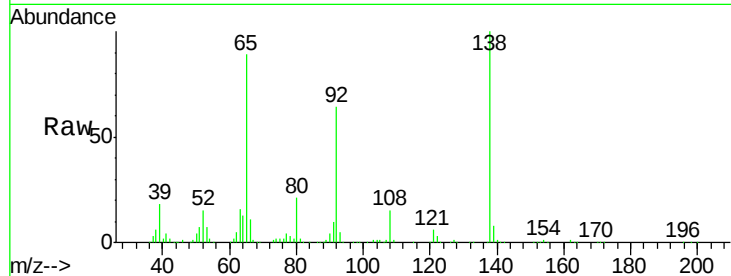




#47
2-Nitroaniline
Concen: 32.76 ng
RT: 9.42 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

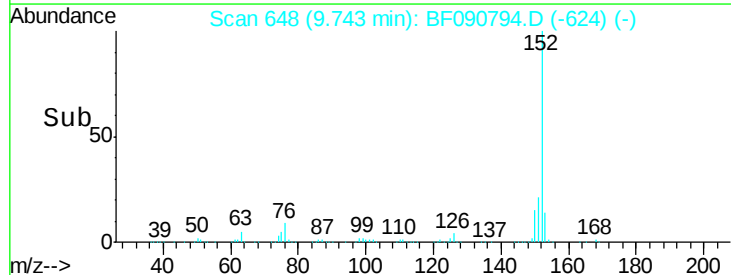
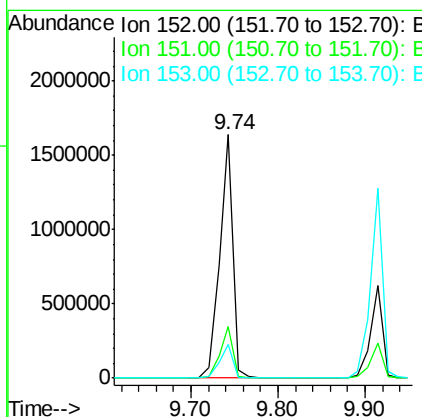
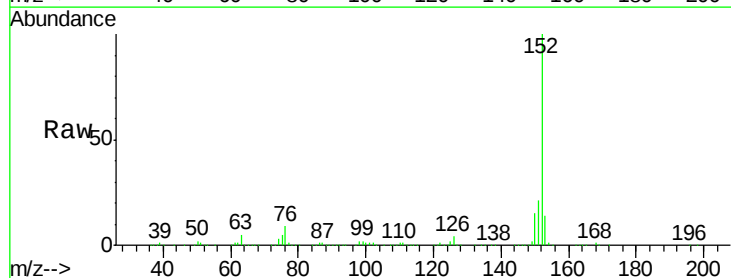
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

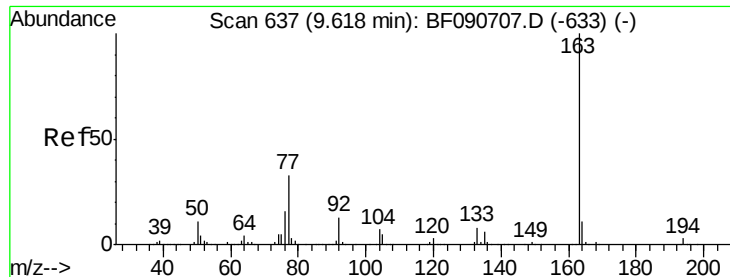
Tot Ion: 65 Resp: 323158
Ion Ratio Lower Upper
65 100
92 72.5 55.4 83.0
138 112.5 115.5 173.3#



#48
Acenaphthylene
Concen: 38.87 ng
RT: 9.74 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion: 152 Resp: 1762339
Ion Ratio Lower Upper
152 100
151 21.1 14.6 22.0
153 14.0 10.3 15.5





#49

Dimethylphthalate

Concen: 37.20 ng

RT: 9.61 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

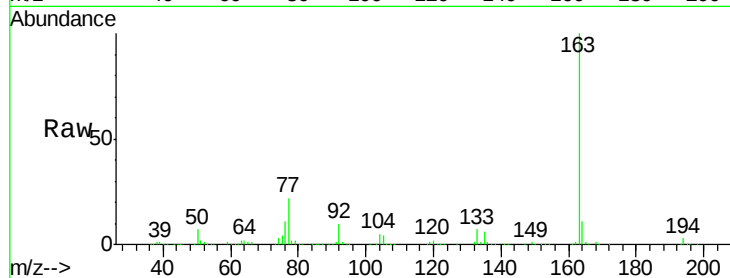
Tot Ion:163 Resp: 1190080

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

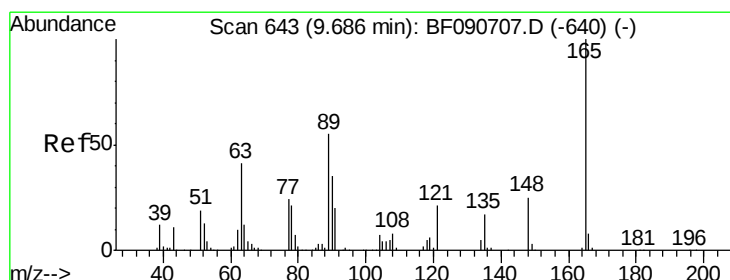
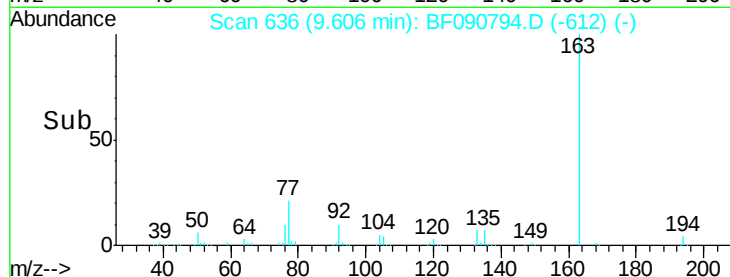
164 10.8 8.3 12.5



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: 40.32 ng

RT: 9.66 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

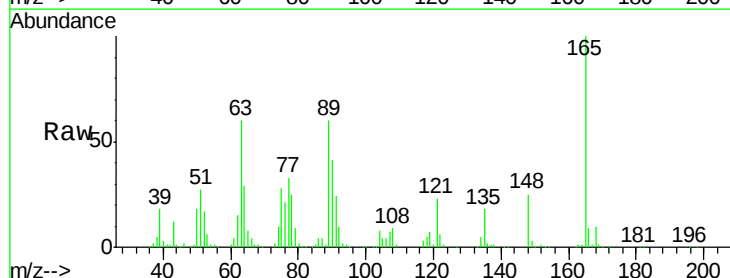
Tgt Ion:165 Resp: 277392

Ion Ratio Lower Upper

165 100

63 60.4 32.3 48.5#

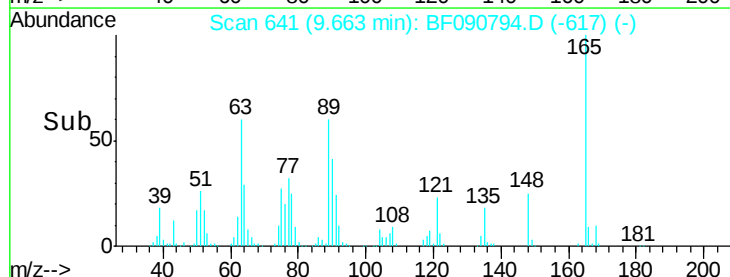
89 59.7 28.6 43.0#

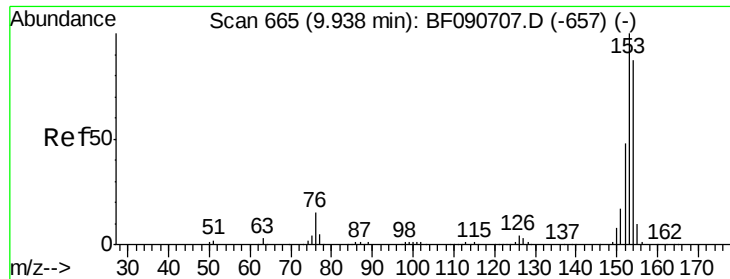


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.50 ng

RT: 9.91 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

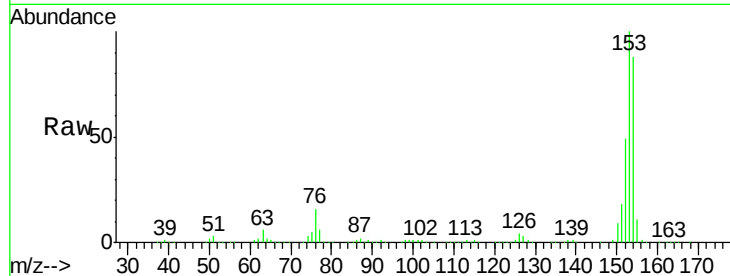
Tot Ion:154 Resp: 1128884

Ion Ratio Lower Upper

154 100

153 114.1 82.1 123.1

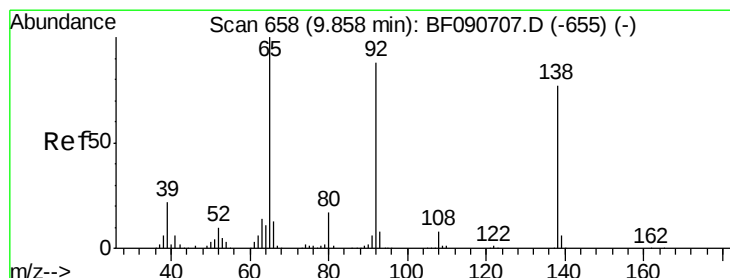
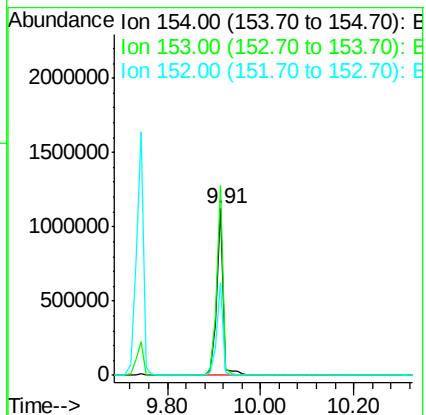
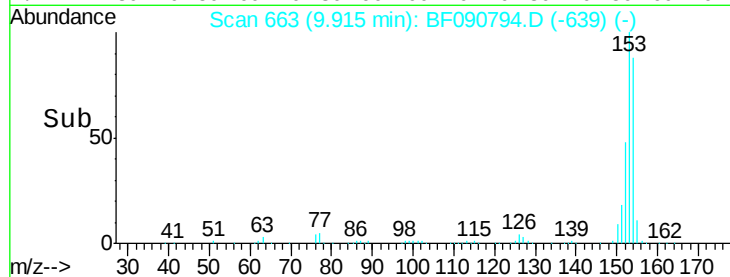
152 55.4 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.02 ng

RT: 9.83 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

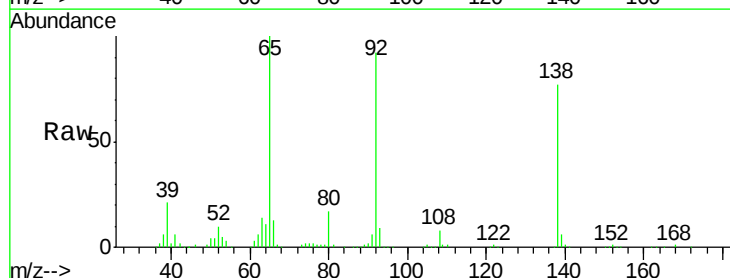
Tgt Ion:138 Resp: 300615

Ion Ratio Lower Upper

138 100

108 10.3 5.7 8.5#

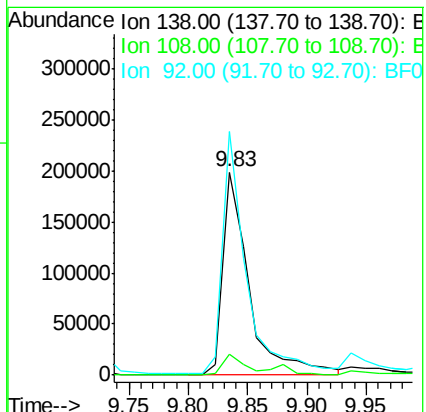
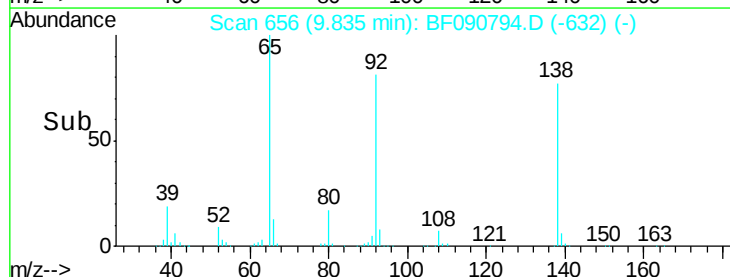
92 120.1 67.7 101.5#

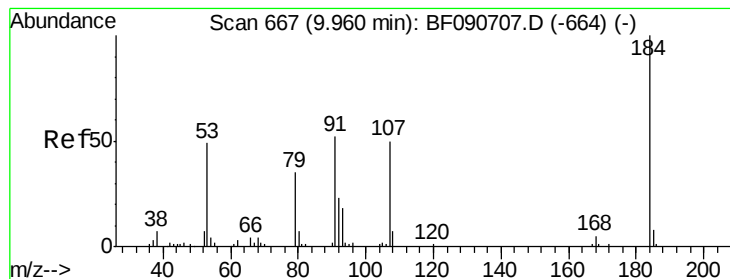


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 35.42 ng

RT: 9.95 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

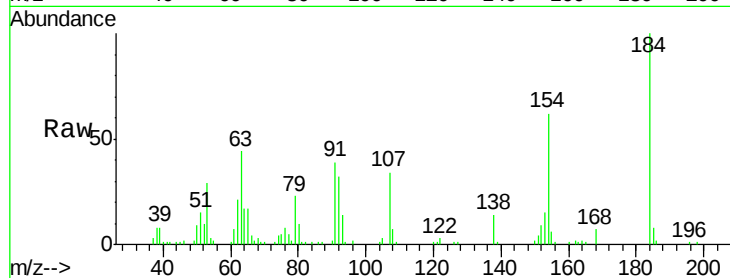
Tot Ion:184 Resp: 98146

Ion Ratio Lower Upper

184 100

63 44.0 35.4 53.2

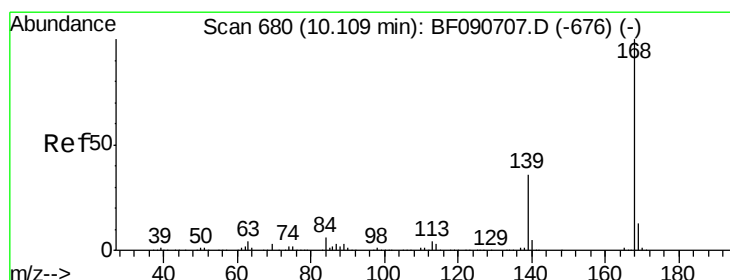
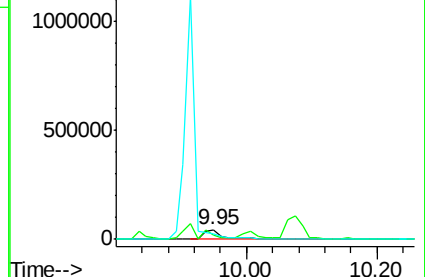
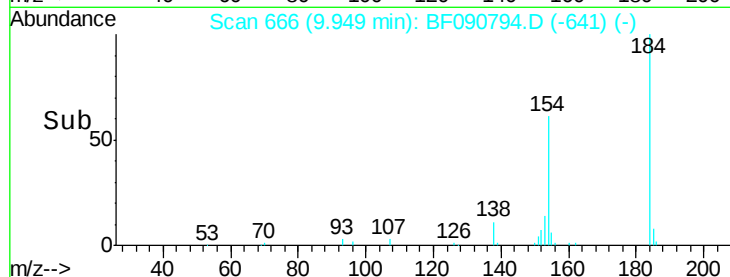
154 62.2 32.2 48.4#



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: 40.84 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

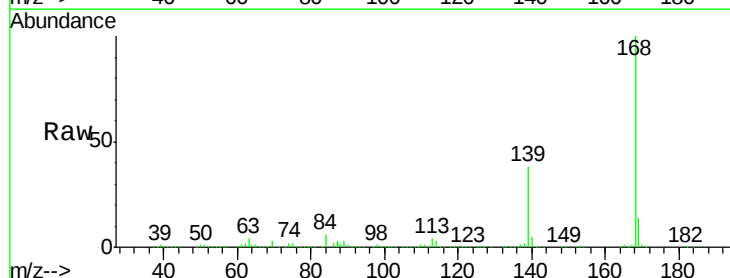
Tgt Ion:168 Resp: 1489048

Ion Ratio Lower Upper

168 100

139 38.2 24.2 36.2#

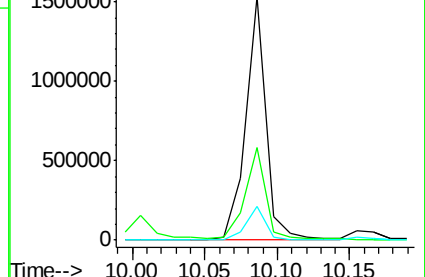
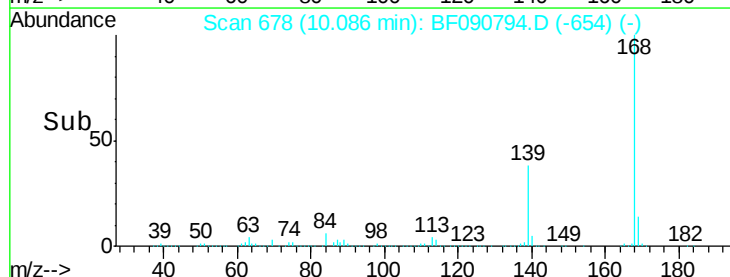
169 14.1 10.6 15.8

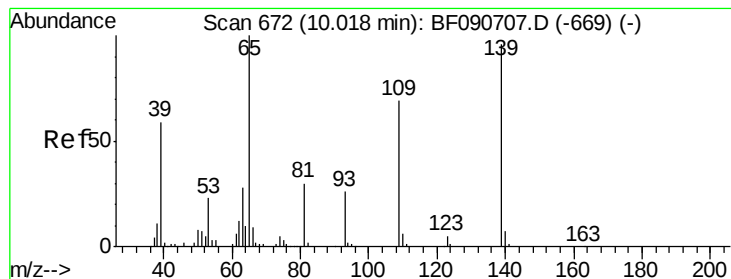


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 44.16 ng

RT: 10.01 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

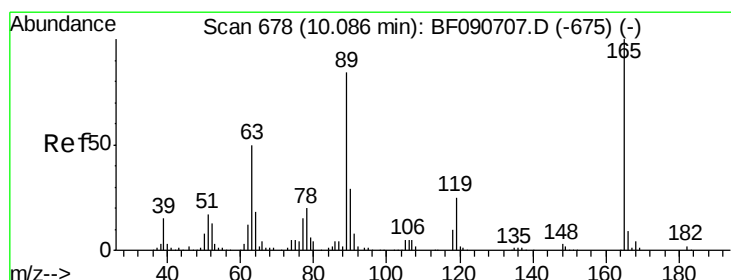
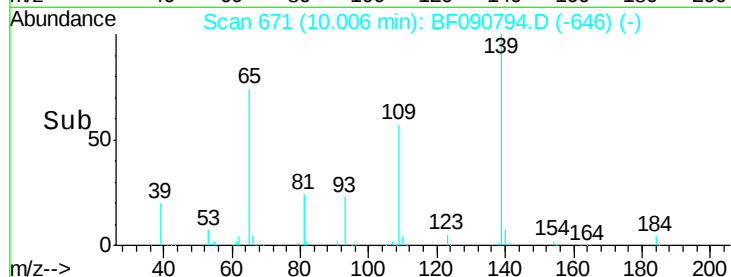
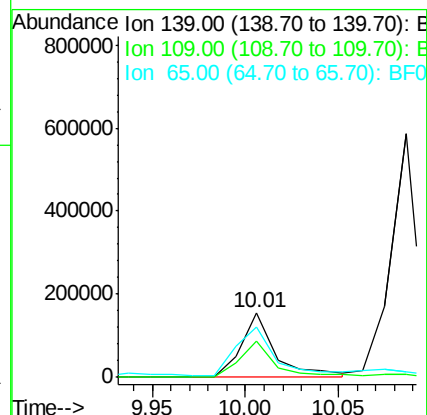
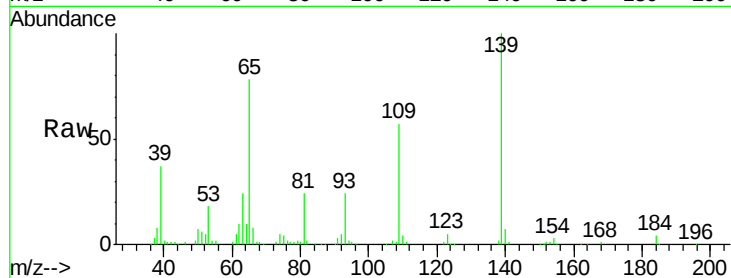
Tot Ion:139 Resp: 200593

Ion Ratio Lower Upper

139 100

109 56.9 12.7 52.7#

65 77.6 45.9 85.9



#56

2,4-Dinitrotoluene

Concen: 47.50 ng

RT: 10.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Tgt Ion:165 Resp: 399376

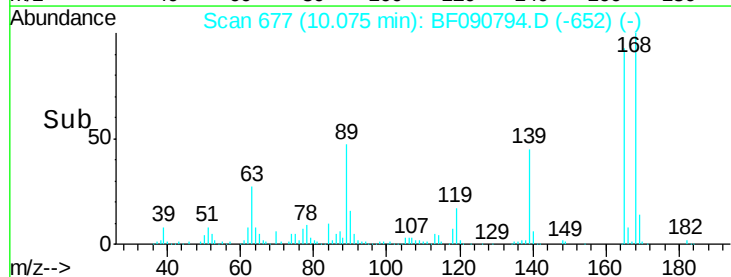
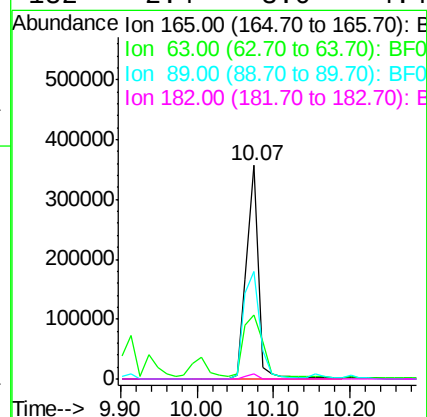
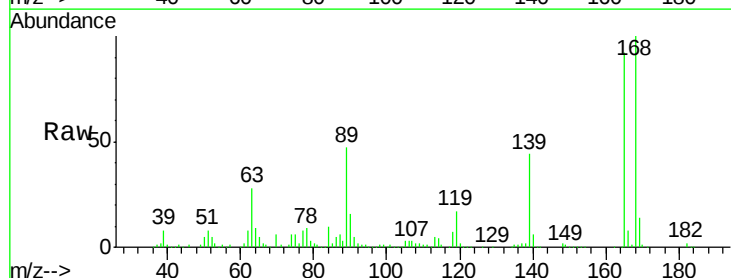
Ion Ratio Lower Upper

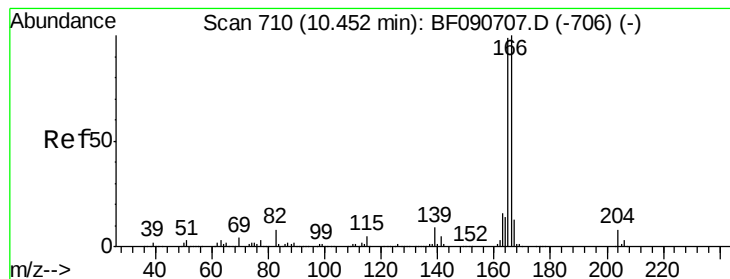
165 100

63 30.1 29.8 44.6

89 50.6 44.5 66.7

182 2.4 3.0 4.4#





#57

Fluorene

Concen: 41.62 ng

RT: 10.43 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

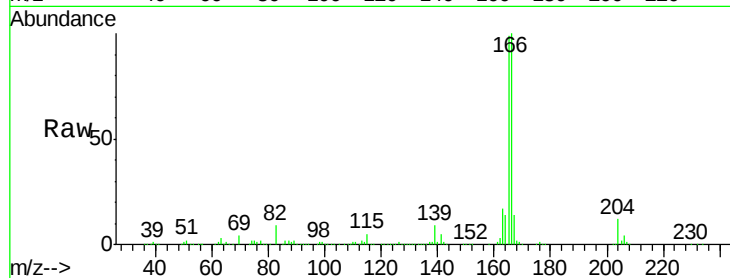
Tot Ion:166 Resp: 1257657

Ion Ratio Lower Upper

166 100

165 99.4 72.6 109.0

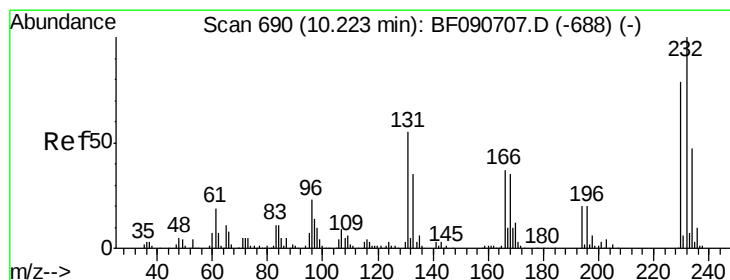
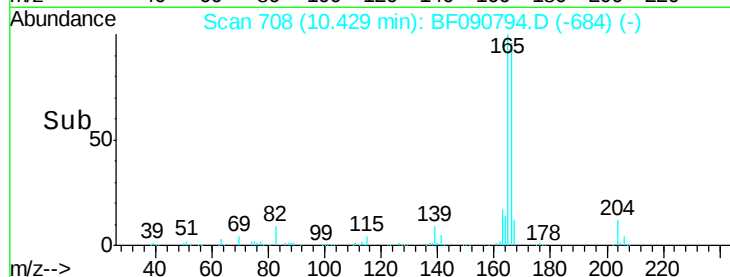
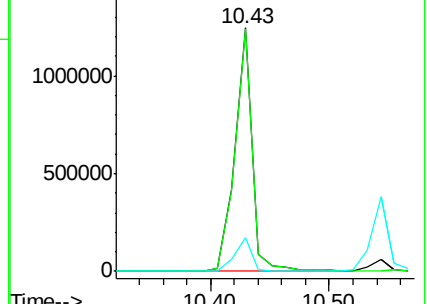
167 13.6 10.6 16.0



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: 44.73 ng

RT: 10.20 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Tgt Ion:232 Resp: 303668

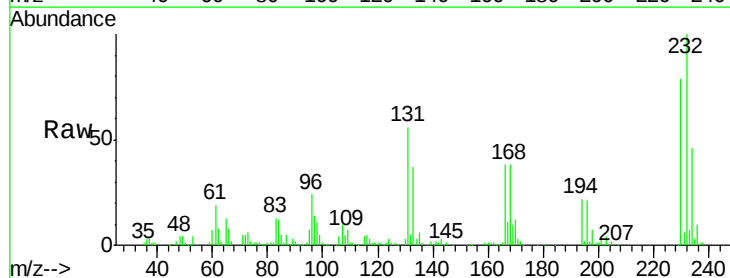
Ion Ratio Lower Upper

232 100

131 46.4 38.5 57.7

130 2.1 1.8 2.6

166 31.5 25.0 37.6

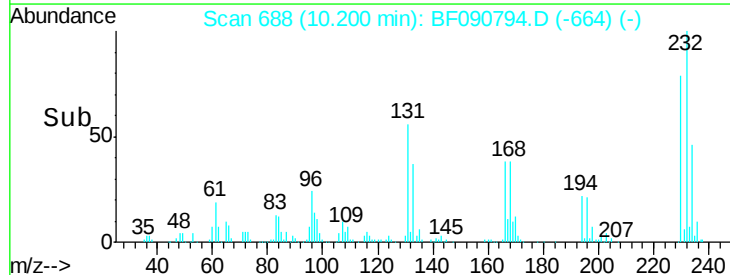
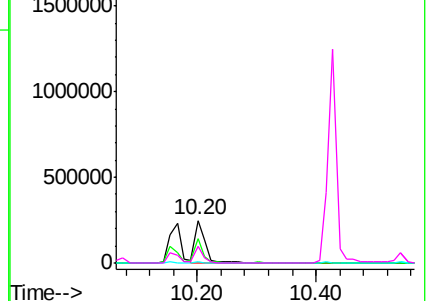


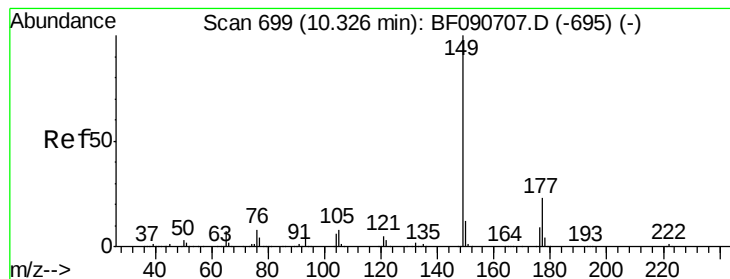
Abundance Ion 232.00 (231.70 to 232.70): E

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: 36.04 ng

RT: 10.30 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

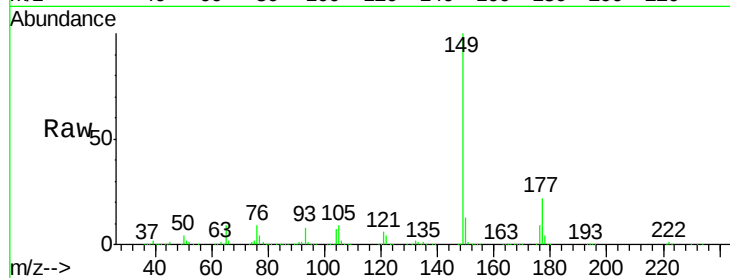
Tot Ion:149 Resp: 1195650

Ion Ratio Lower Upper

149 100

177 22.2 17.5 26.3

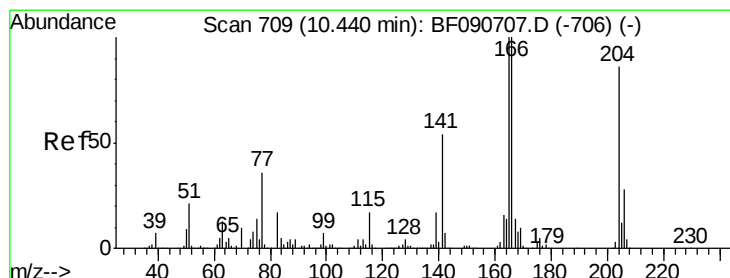
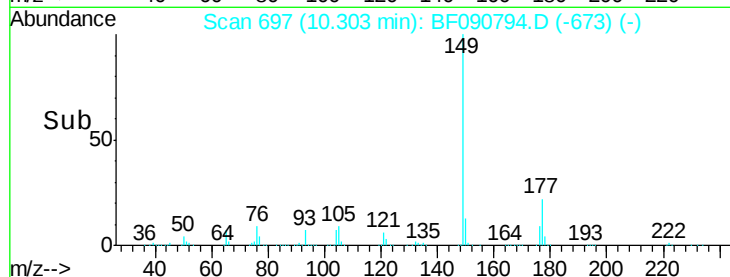
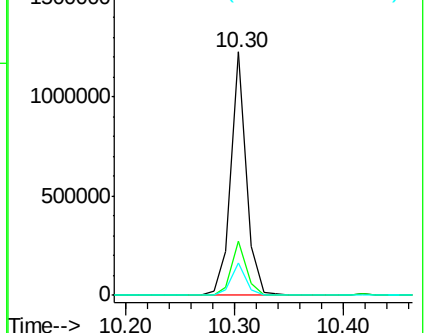
150 13.1 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.62 ng

RT: 10.42 min Scan# 707

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

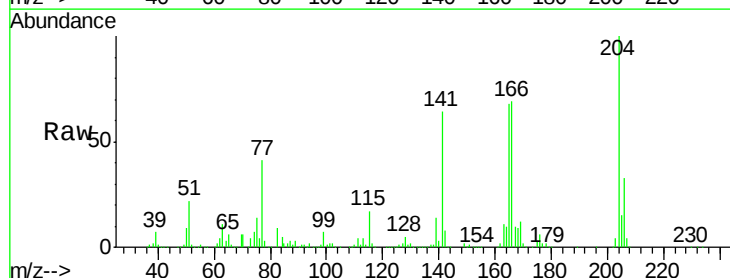
Tgt Ion:204 Resp: 574712

Ion Ratio Lower Upper

204 100

206 33.5 24.8 37.2

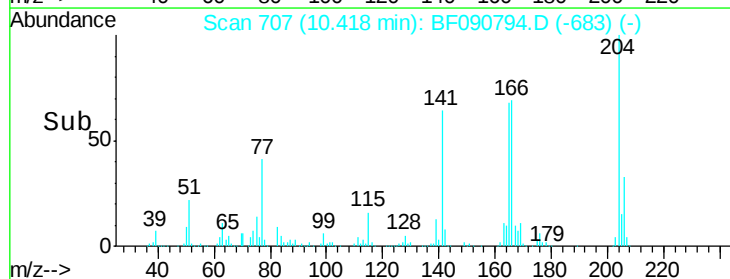
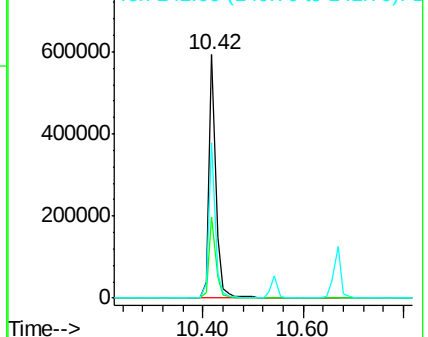
141 64.0 42.2 63.4#

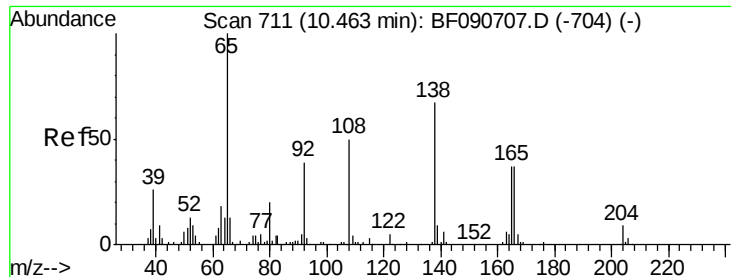


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.45 ng

RT: 10.45 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

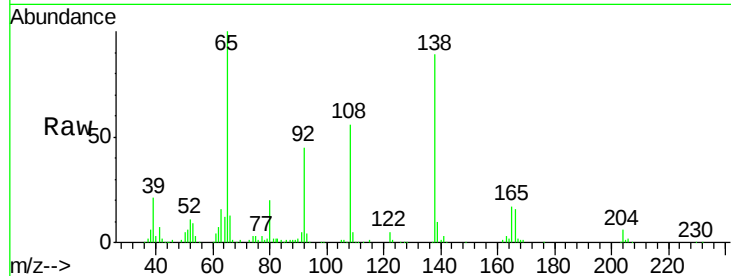
Tot Ion:138 Resp: 331960

Ion Ratio Lower Upper

138 100

92 51.3 12.6 52.6

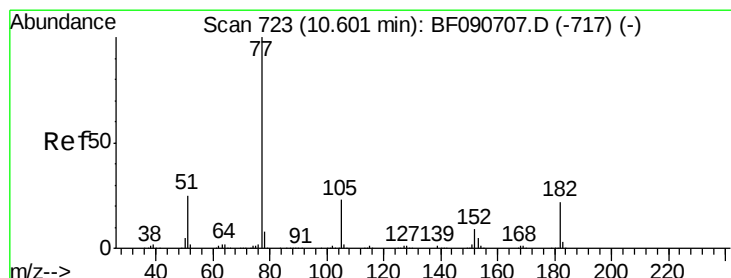
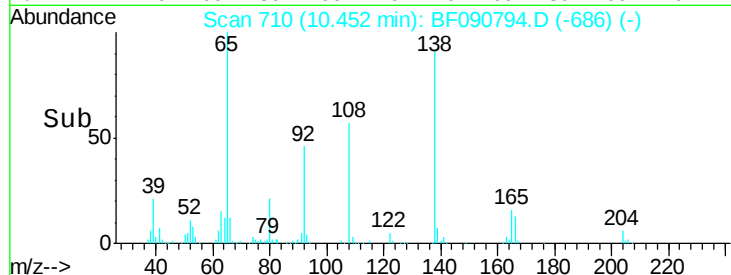
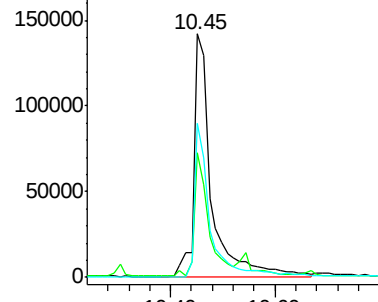
108 63.2 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.11 ng

RT: 10.58 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Tgt Ion: 77 Resp: 1325257

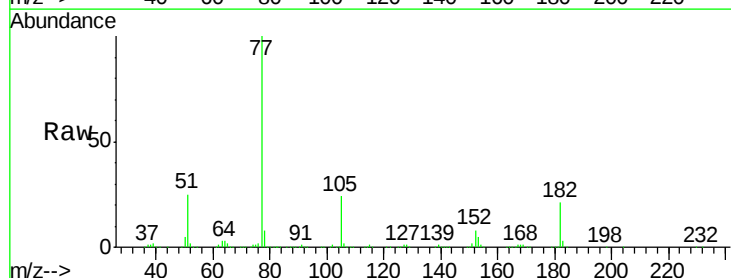
Ion Ratio Lower Upper

77 100

182 20.9 15.1 55.1

105 24.0 3.4 43.4

51 24.6 12.0 52.0

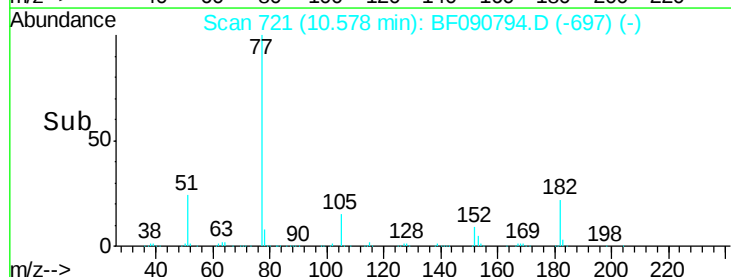
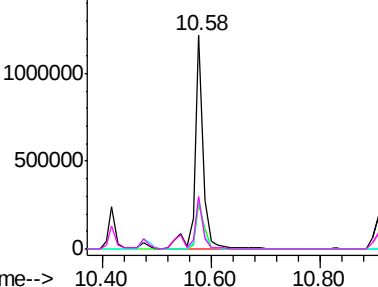


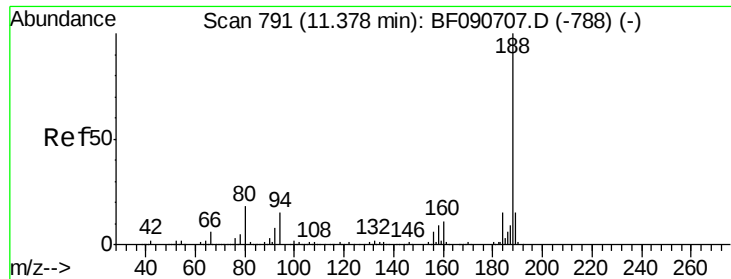
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

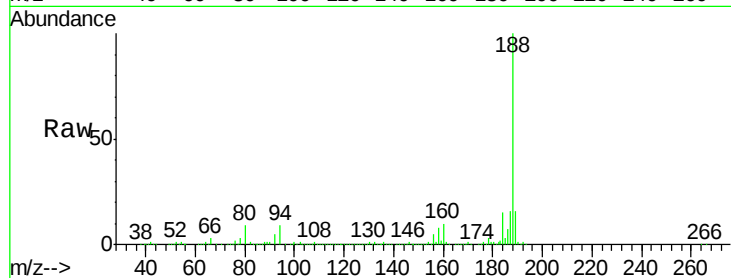




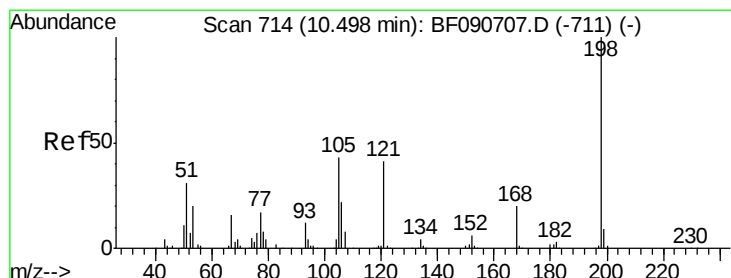
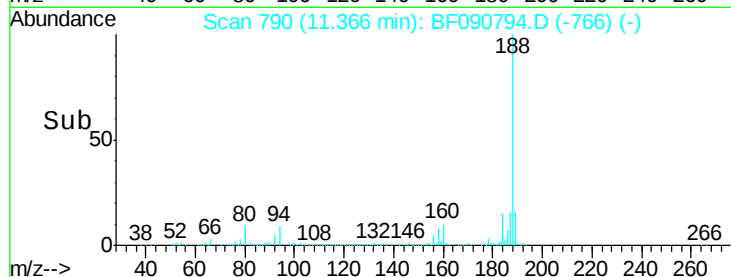
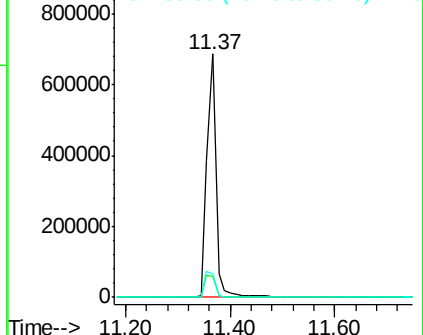
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:188 Resp: 838052
Ion Ratio Lower Upper
188 100
94 8.7 11.1 16.7#
80 9.4 11.0 16.4#

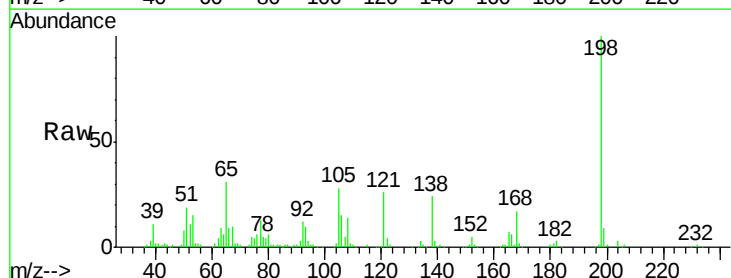


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

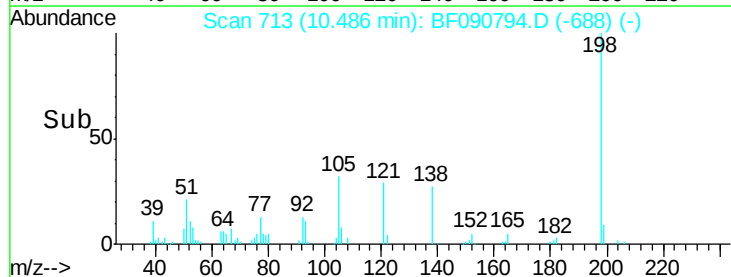
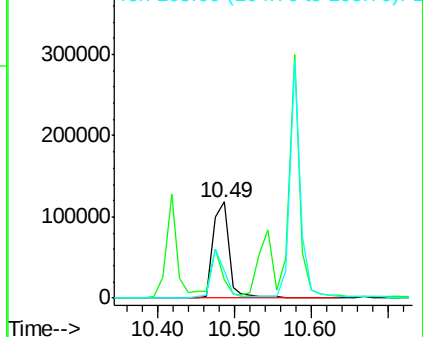


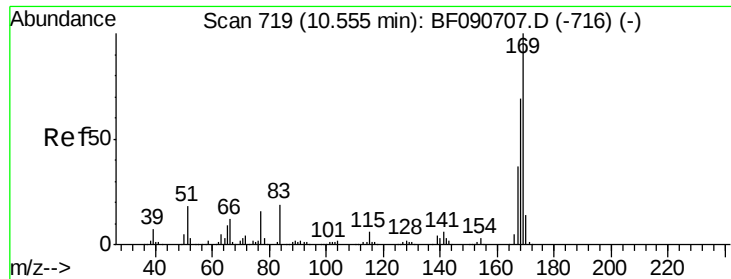
#64
4,6-Dinitro-2-methylphenol
Concen: 33.84 ng
RT: 10.49 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion:198 Resp: 173788
Ion Ratio Lower Upper
198 100
51 18.7 39.6 79.6#
105 28.2 28.5 68.5#



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





#65

n-Nitrosodiphenylamine

Concen: 38.70 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

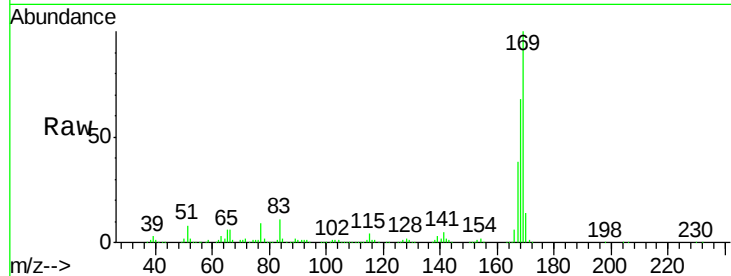
Tot Ion:169 Resp: 1039077

Ion Ratio Lower Upper

169 100

168 68.3 48.9 73.3

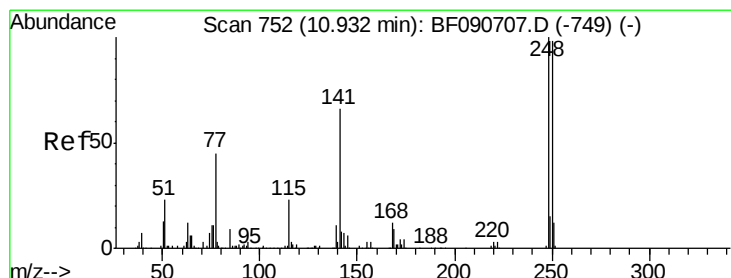
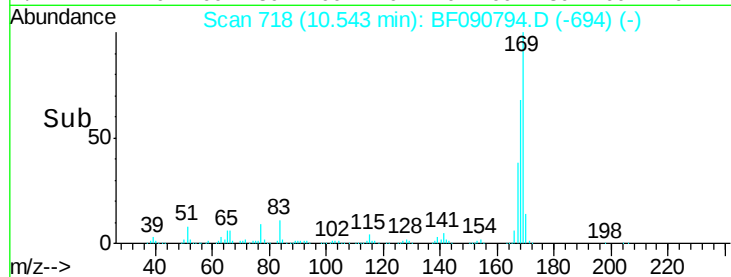
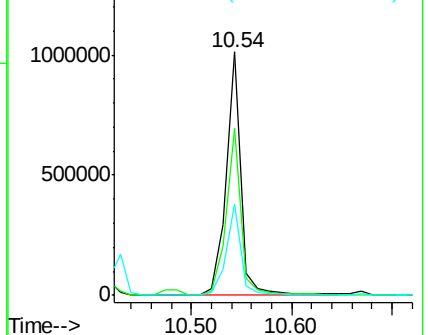
167 37.7 26.2 39.4



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: 44.08 ng

RT: 10.91 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

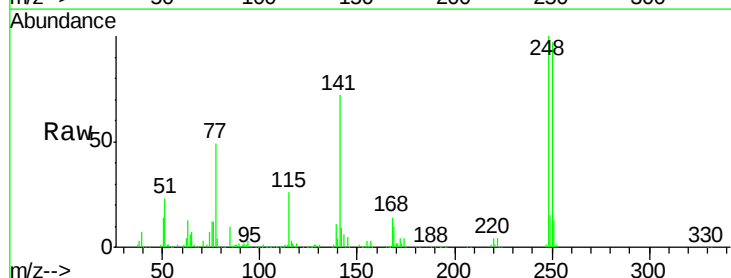
Tgt Ion:248 Resp: 358150

Ion Ratio Lower Upper

248 100

250 96.9 78.5 117.7

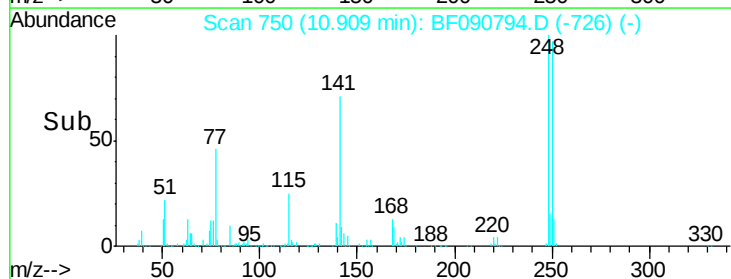
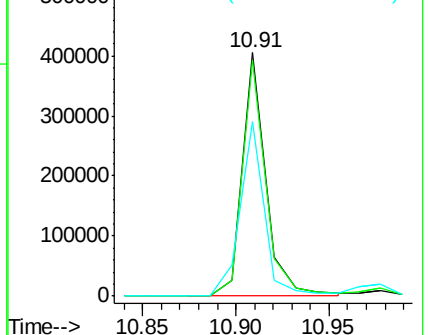
141 71.7 59.0 88.6

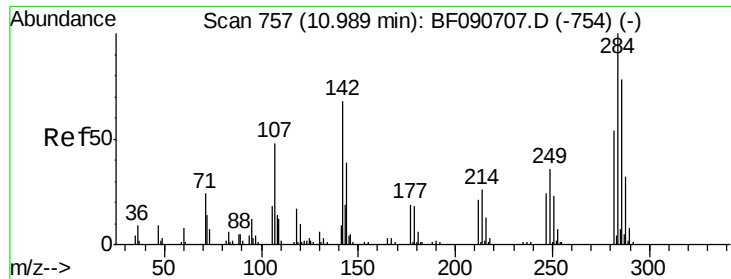


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.85 ng

RT: 10.98 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

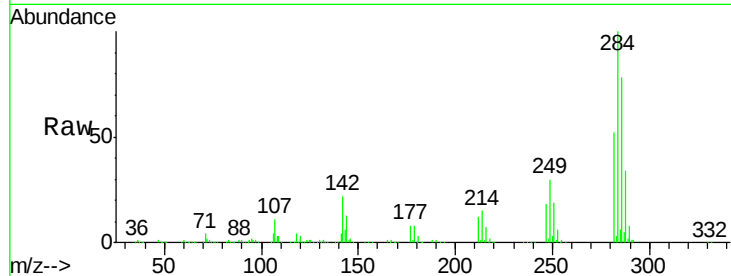
Tot Ion:284 Resp: 458715

Ion Ratio Lower Upper

284 100

142 21.6 29.5 44.3#

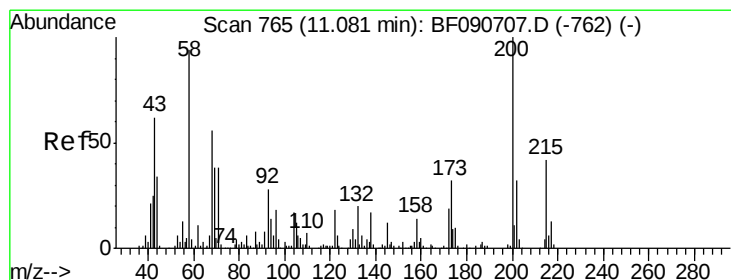
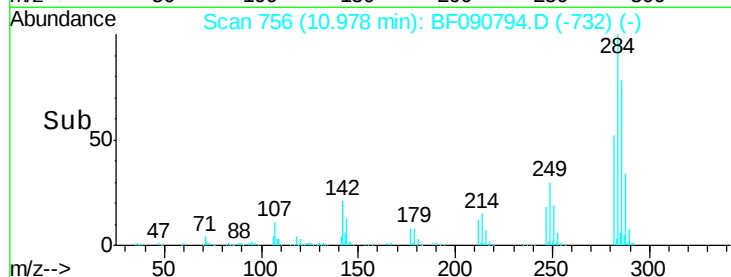
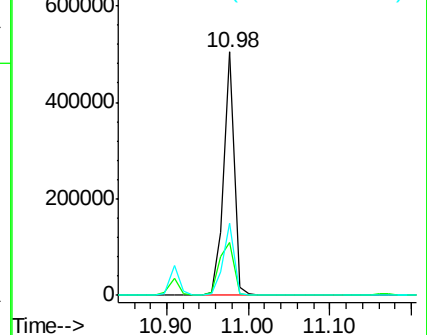
249 29.5 19.5 29.3#



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: 40.63 ng

RT: 11.07 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

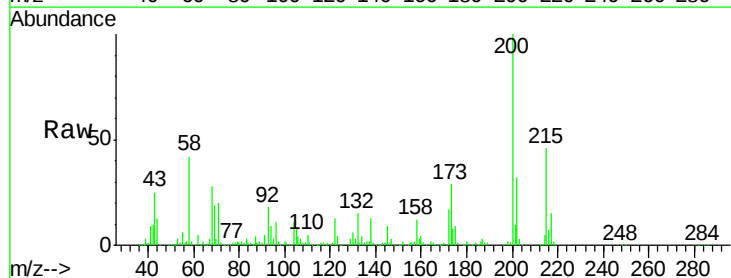
Tgt Ion:200 Resp: 301089

Ion Ratio Lower Upper

200 100

173 29.1 13.2 53.2

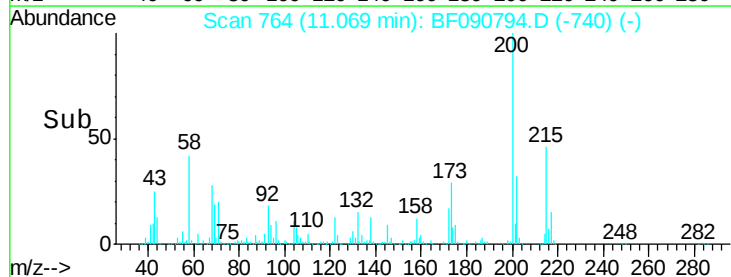
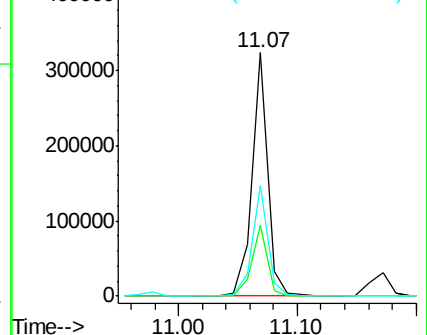
215 45.6 41.8 81.8

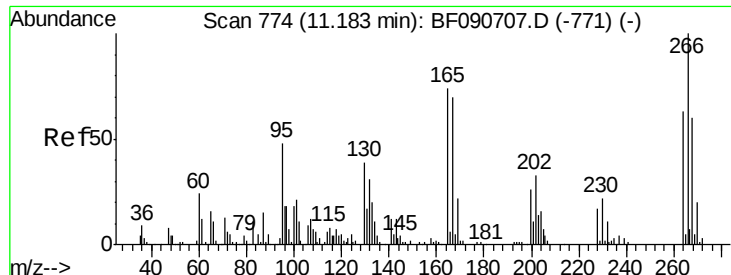


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

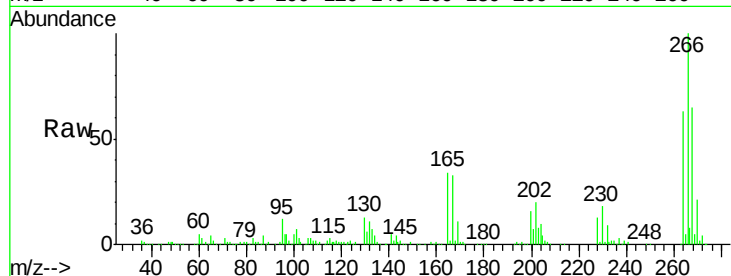




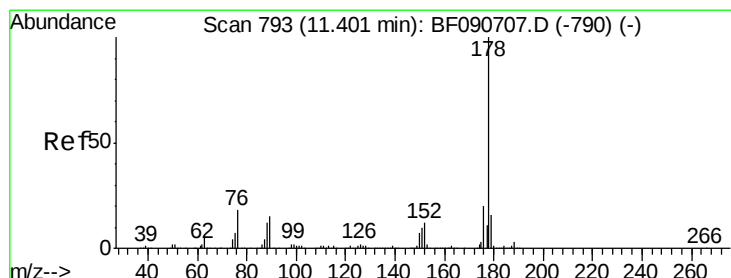
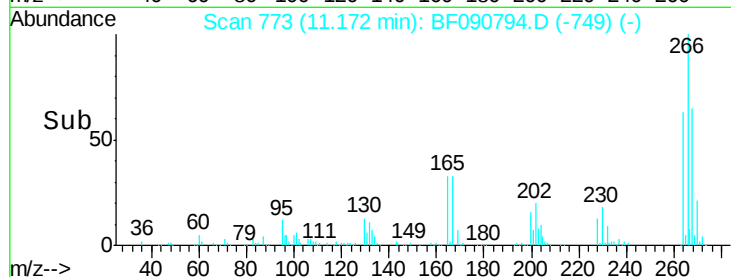
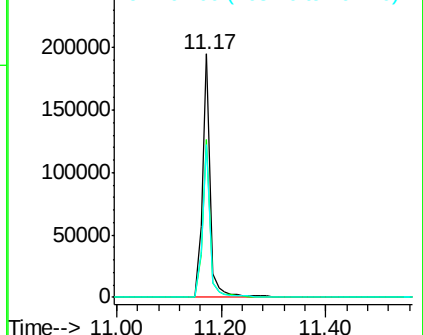
#69
 Pentachlorophenol
 Concen: 41.77 ng
 RT: 11.17 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 205002
 Ion Ratio Lower Upper
 266 100
 268 64.8 49.8 74.6
 264 62.9 50.2 75.2

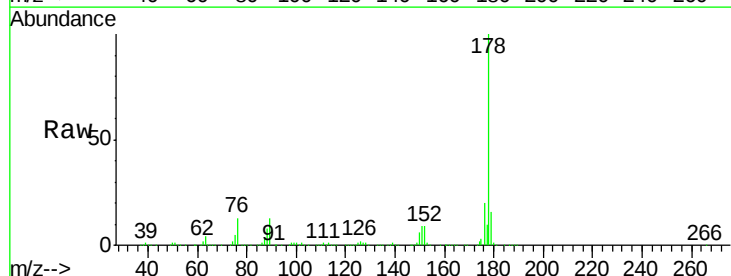


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

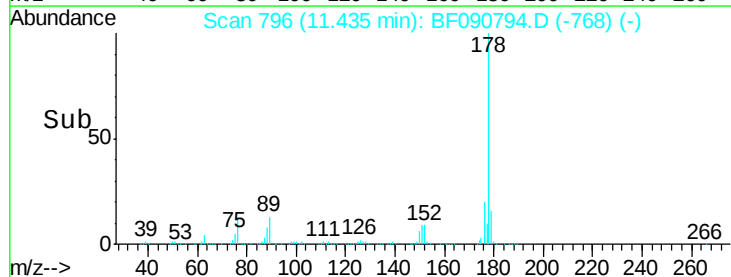
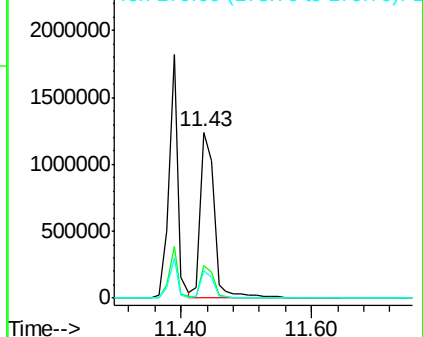


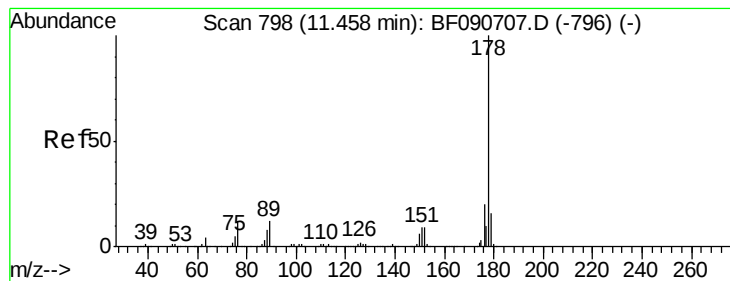
#70
 Phenanthrene
 Concen: 42.46 ng
 RT: 11.43 min Scan# 796
 Delta R.T. 0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Tgt Ion:178 Resp: 1813693
 Ion Ratio Lower Upper
 178 100
 176 19.7 13.8 20.8
 179 16.4 12.2 18.2



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: 38.54 ng

RT: 11.43 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

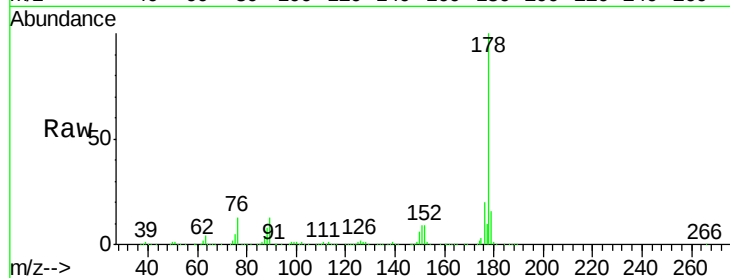
Tot Ion:178 Resp: 1825541

Ion Ratio Lower Upper

178 100

176 19.7 14.1 21.1

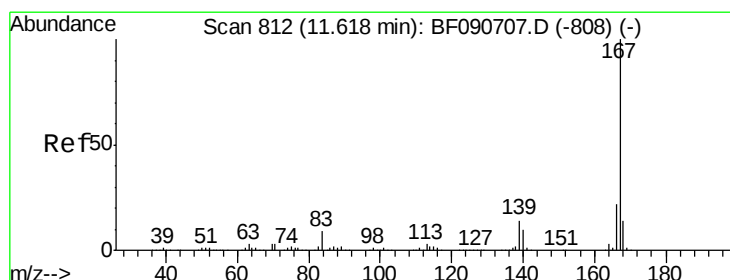
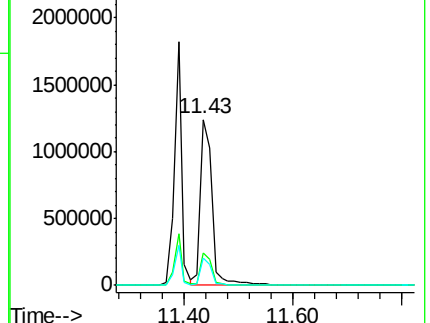
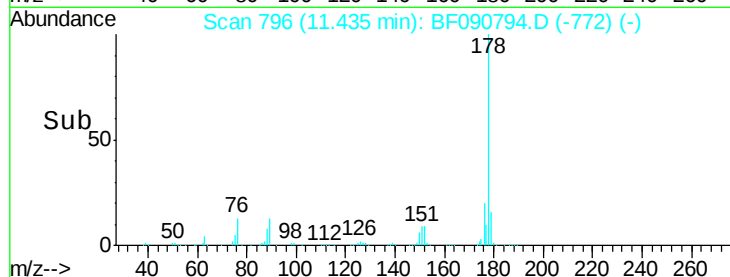
179 16.4 12.2 18.2



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



#72

Carbazole

Concen: 41.90 ng

RT: 11.59 min Scan# 810

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

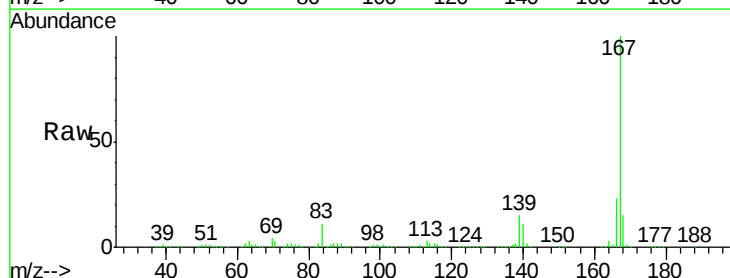
Tgt Ion:167 Resp: 1659676

Ion Ratio Lower Upper

167 100

166 22.6 15.7 23.5

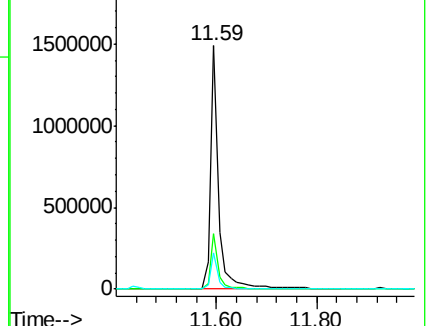
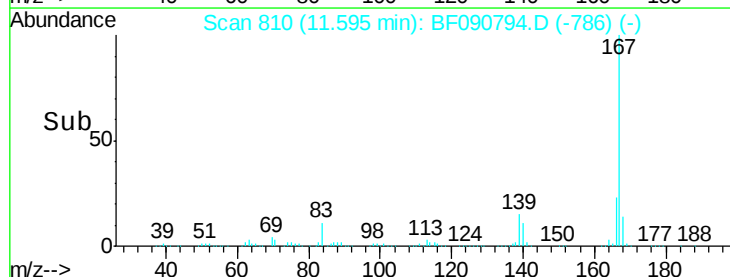
139 14.7 9.5 14.3#

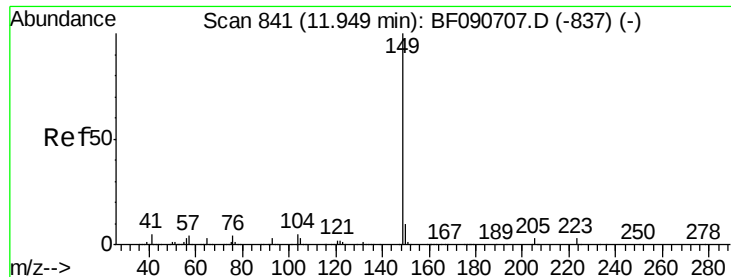


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.04 ng

RT: 11.93 min Scan# 839

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

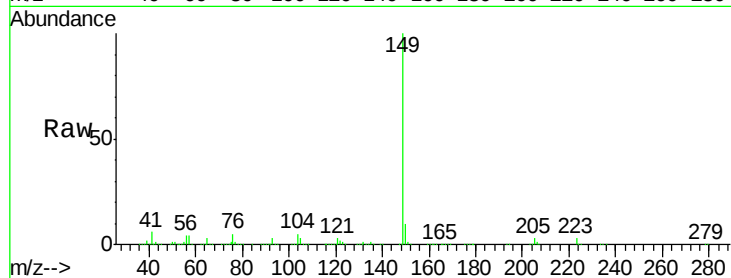
Tot Ion:149 Resp: 1851660

Ion Ratio Lower Upper

149 100

150 10.5 7.4 11.2

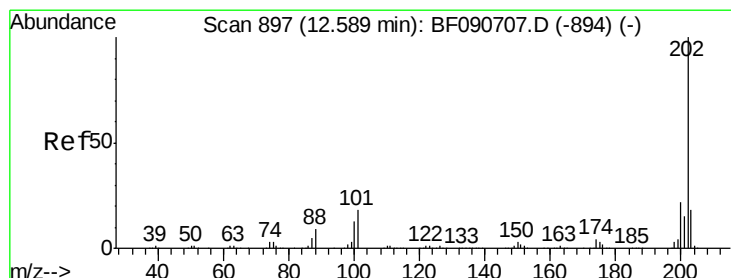
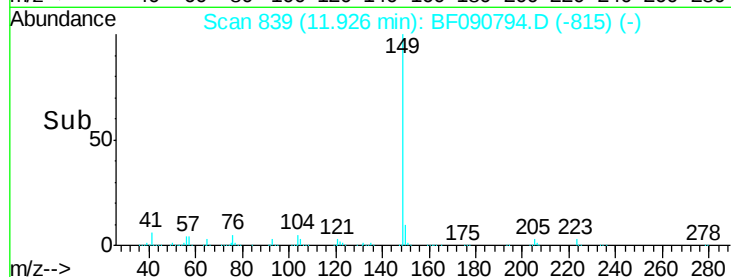
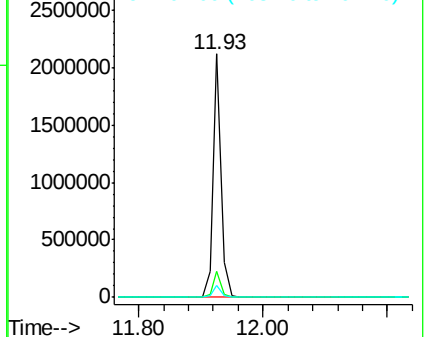
104 5.1 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.07 ng

RT: 12.58 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

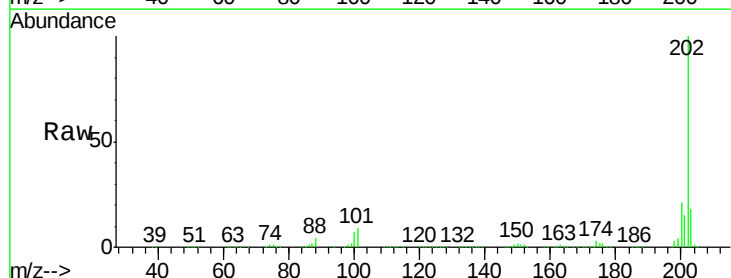
Tgt Ion:202 Resp: 1821300

Ion Ratio Lower Upper

202 100

101 8.7 0.0 38.3

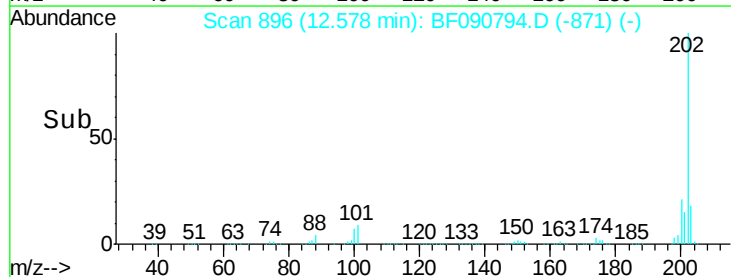
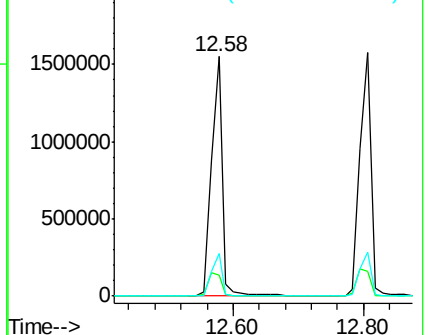
203 18.0 0.0 37.3

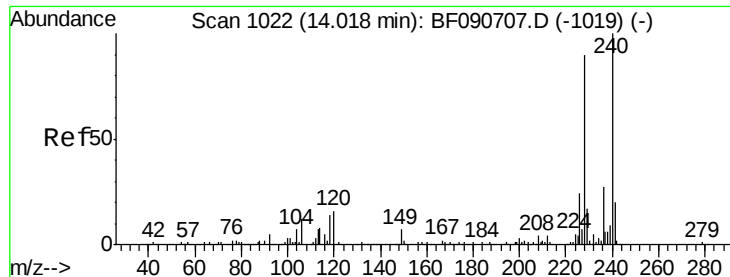


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

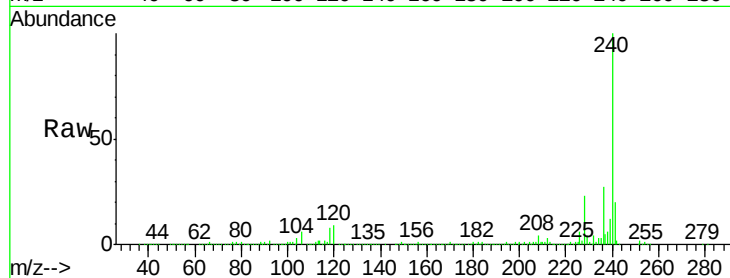
Tot Ion:240 Resp: 682058

Ion Ratio Lower Upper

240 100

120 8.9 16.2 24.2#

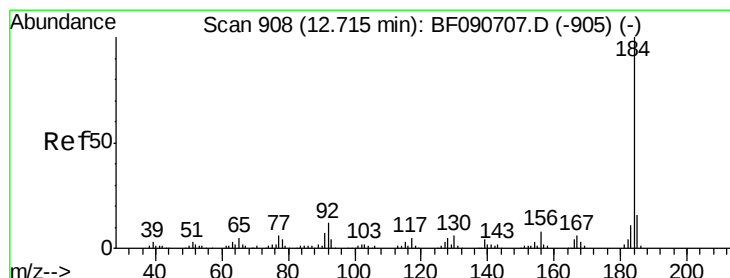
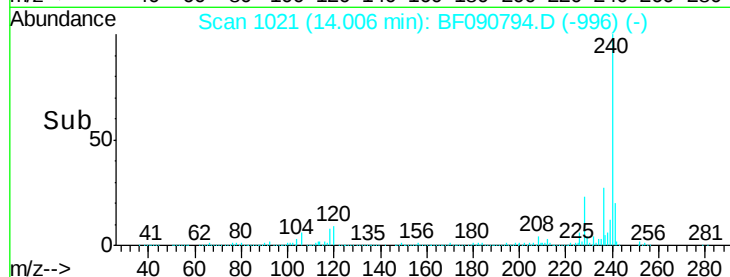
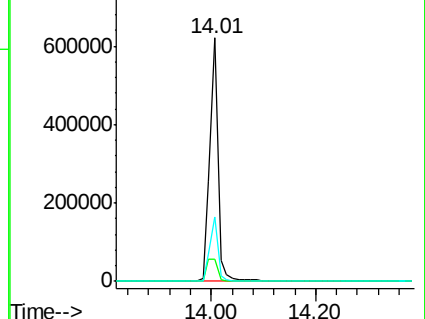
236 26.6 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.60 ng

RT: 12.70 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

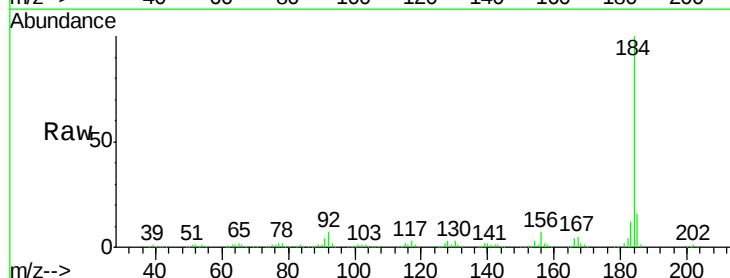
Tgt Ion:184 Resp: 705768

Ion Ratio Lower Upper

184 100

185 15.9 11.8 17.6

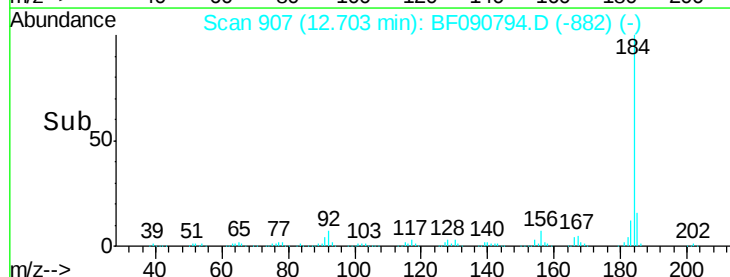
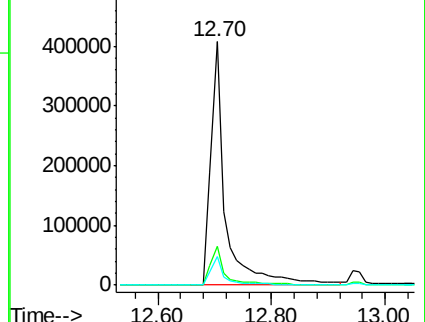
183 11.5 7.6 11.4#

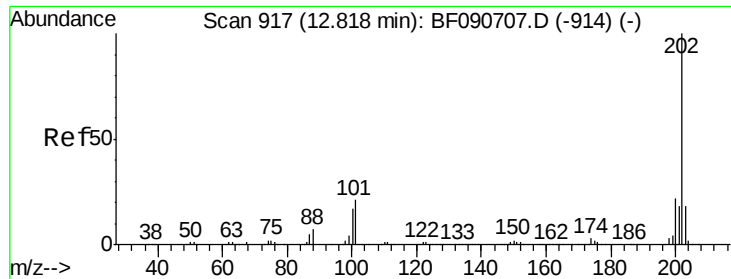


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

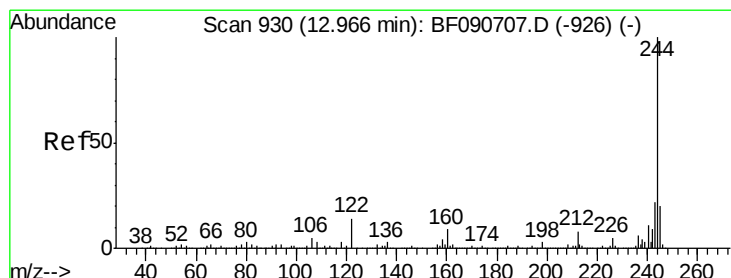
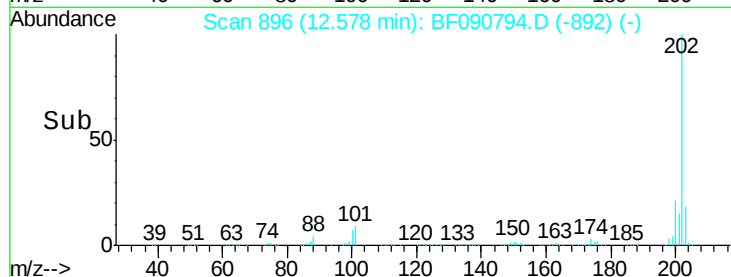
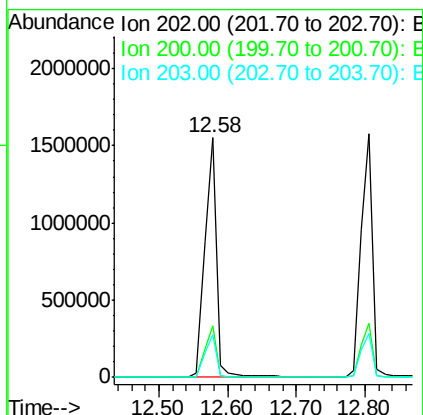
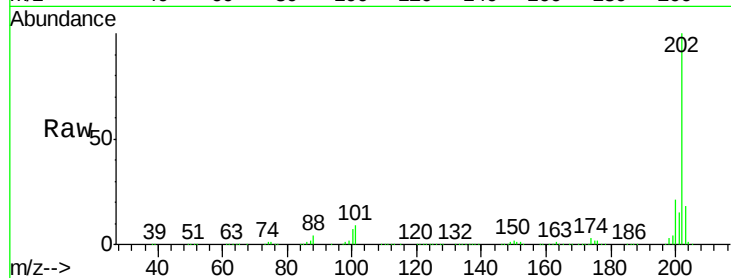




#77
Pvrene
Concen: 38.23 ng
RT: 12.58 min Scan# 896
Delta R.T. -0.25 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

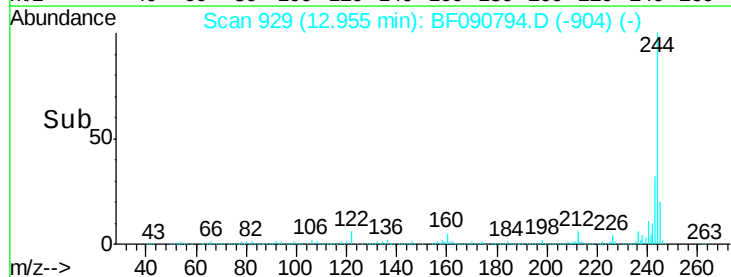
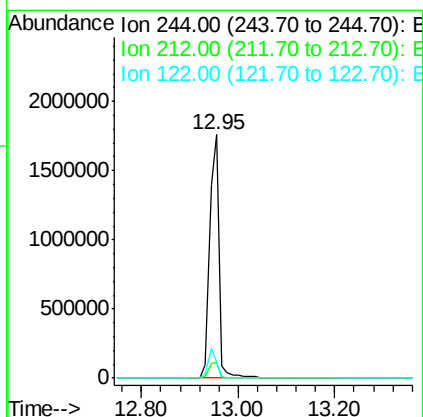
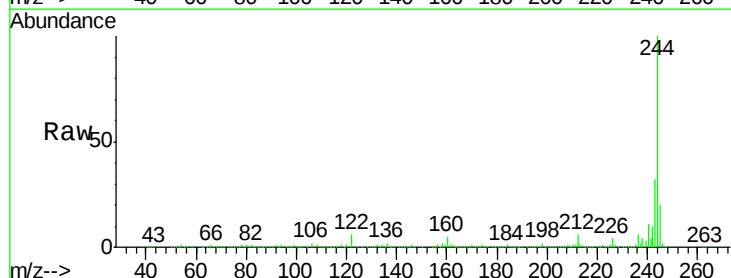
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

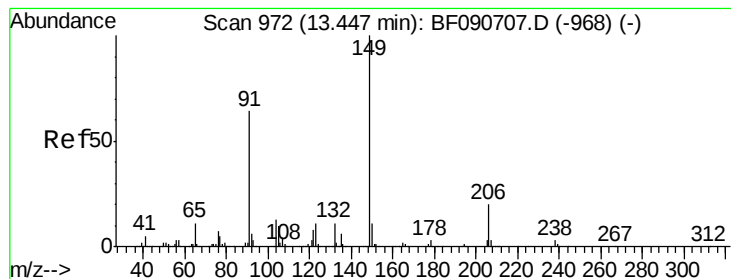
Tot Ion:202 Resp: 1821272
Ion Ratio Lower Upper
202 100
200 21.4 15.0 22.4
203 18.0 14.1 21.1



#78
Terphenyl-d14
Concen: 81.08 ng
RT: 12.95 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion:244 Resp: 2412973
Ion Ratio Lower Upper
244 100
212 6.5 4.3 6.5#
122 6.4 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 36.97 ng

RT: 13.42 min Scan# 970

Delta R.T. -0.02 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

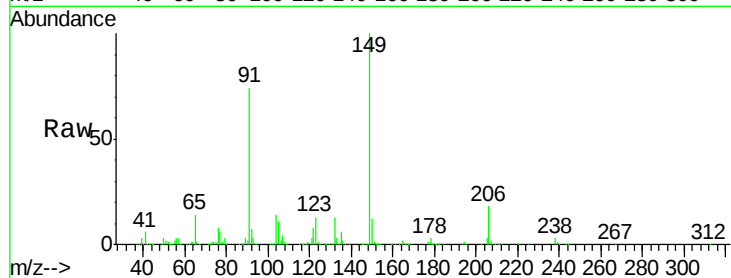
Tot Ion:149 Resp: 809443

Ion Ratio Lower Upper

149 100

91 73.7 48.6 72.8#

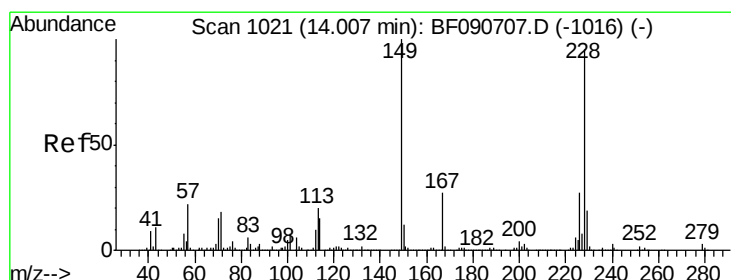
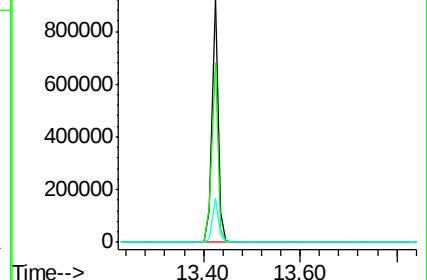
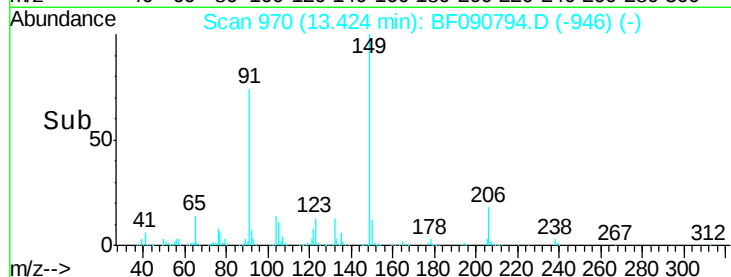
206 18.2 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.87 ng

RT: 13.99 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

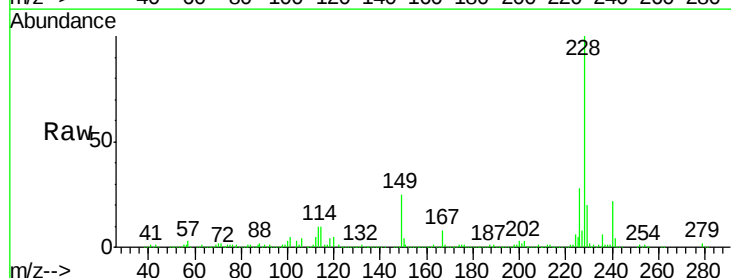
Tgt Ion:228 Resp: 1451017

Ion Ratio Lower Upper

228 100

226 27.8 20.0 30.0

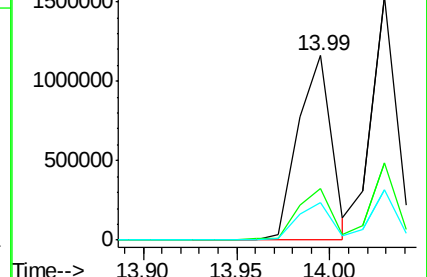
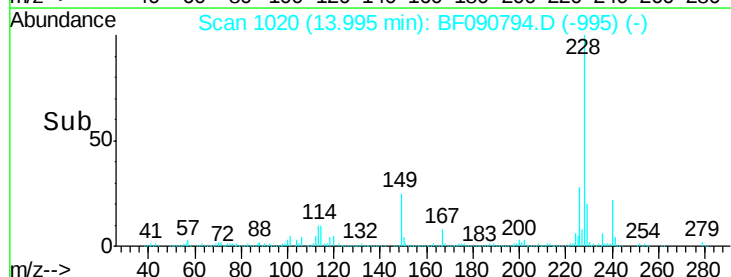
229 20.0 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 43.64 ng

RT: 13.96 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

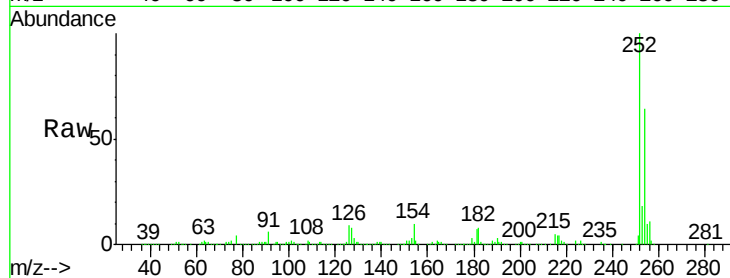
Tot Ion:252 Resp: 564424

Ion Ratio Lower Upper

252 100

254 64.3 51.4 77.2

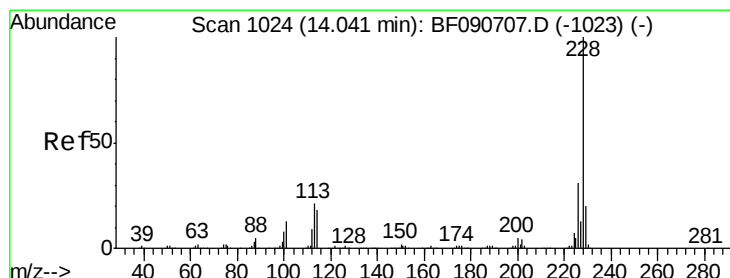
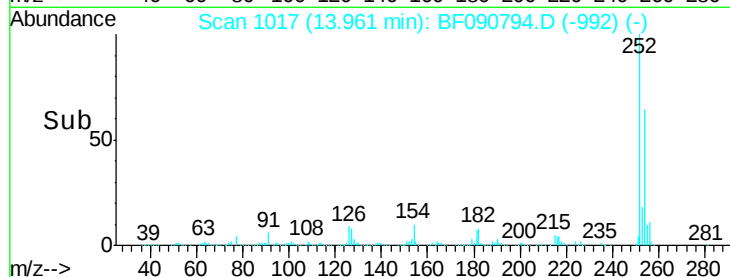
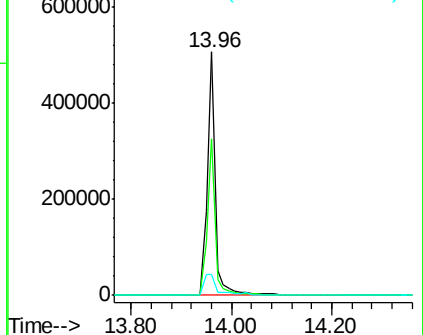
126 8.6 16.4 24.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.83 ng

RT: 13.99 min Scan# 1020

Delta R.T. -0.06 min

Lab File: BF090794.D

Acq: 24 Oct 2016 18:20

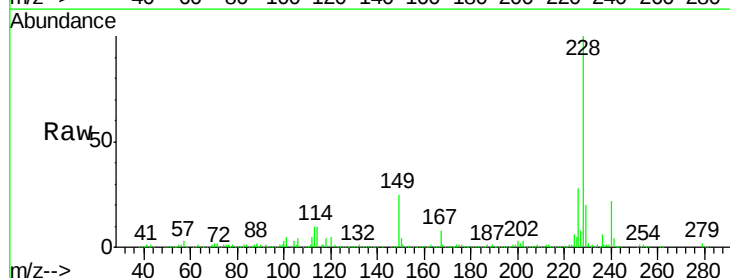
Tgt Ion:228 Resp: 1451017

Ion Ratio Lower Upper

228 100

226 27.8 21.0 31.4

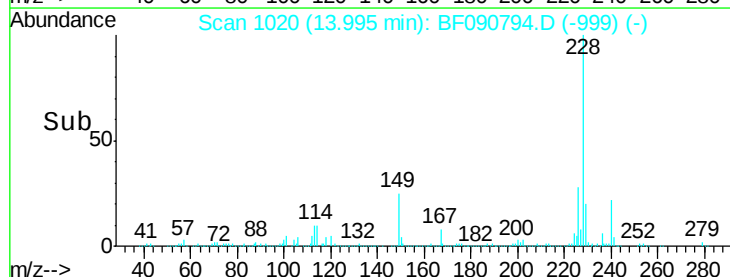
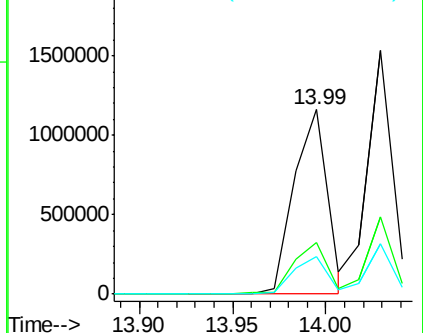
229 20.0 15.6 23.4

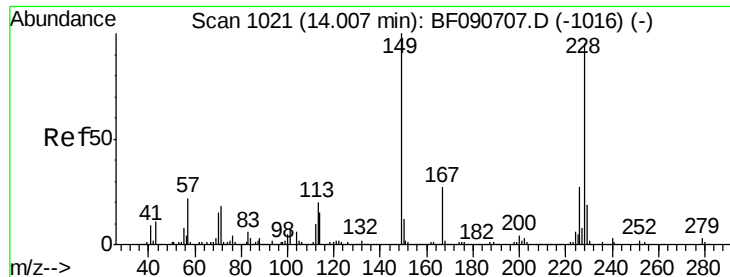


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

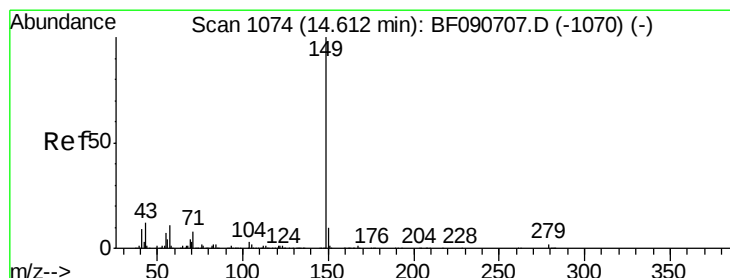
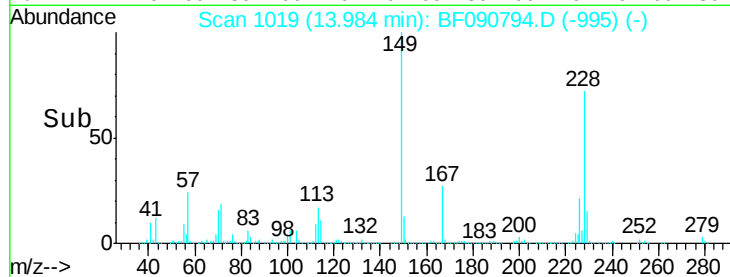
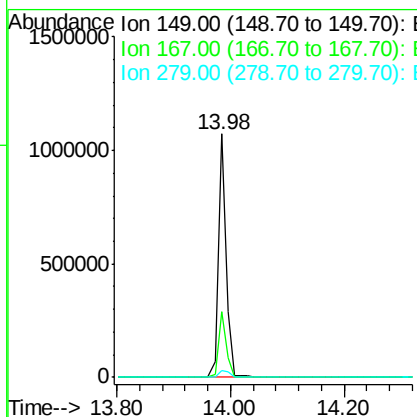
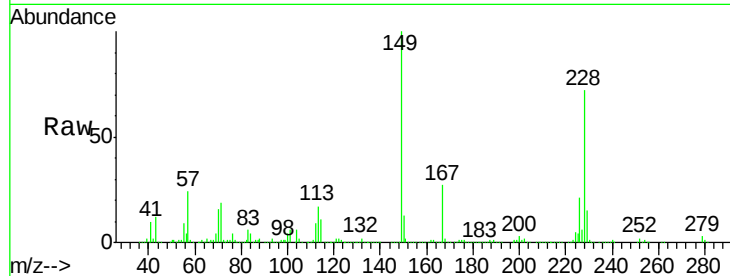




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.04 ng
 RT: 13.98 min Scan# 1019
 Delta R.T. -0.02 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

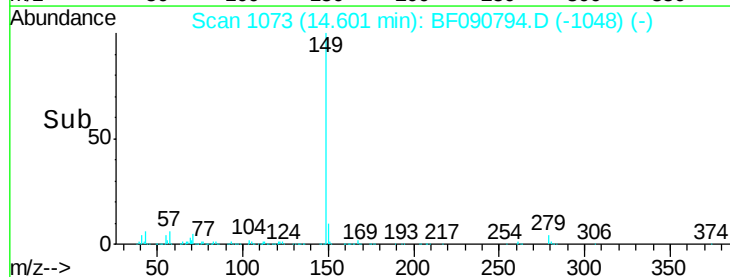
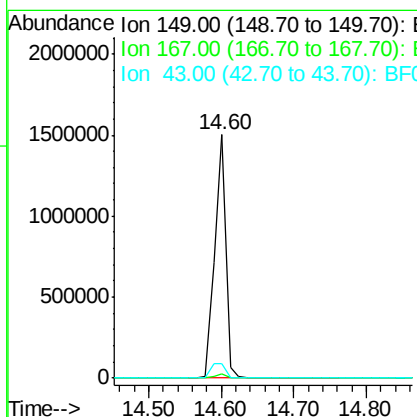
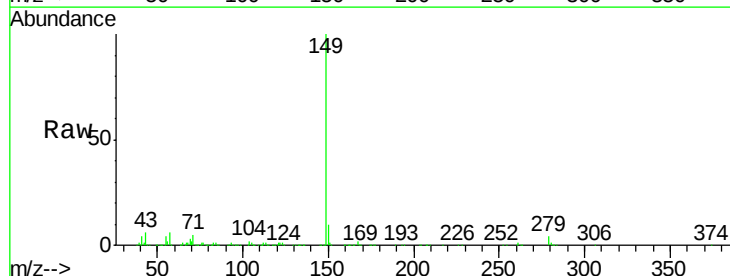
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

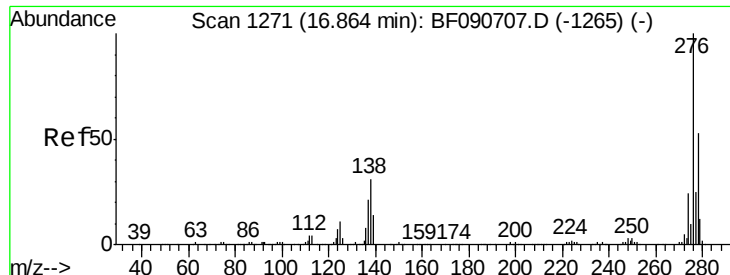
Tot Ion:149 Resp: 1003818
 Ion Ratio Lower Upper
 149 100
 167 27.0 24.2 36.2
 279 2.6 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 33.47 ng
 RT: 14.60 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Tgt Ion:149 Resp: 1591214
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6#
 43 8.3 10.2 15.2#

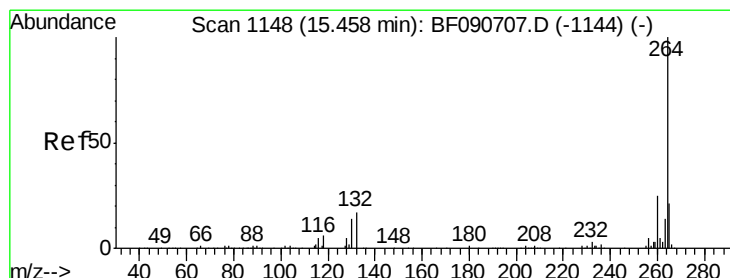
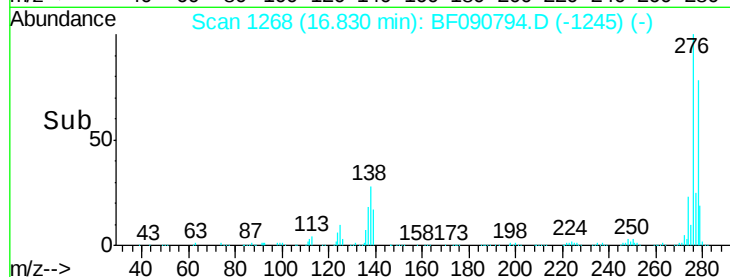
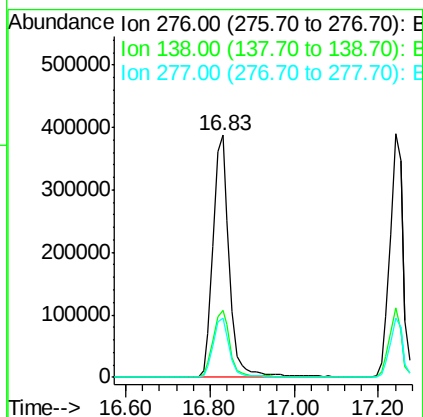
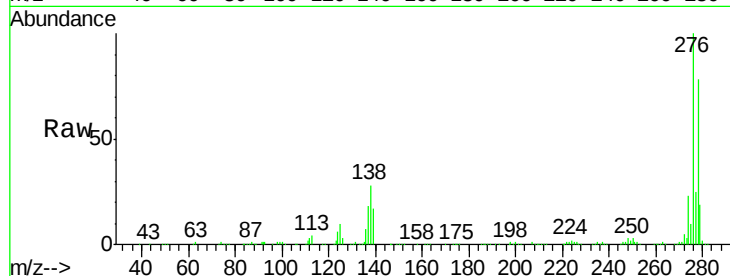




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.02 ng
 RT: 16.83 min Scan# 1268
 Delta R.T. -0.03 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

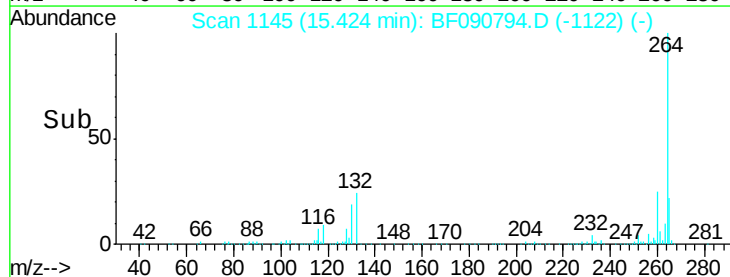
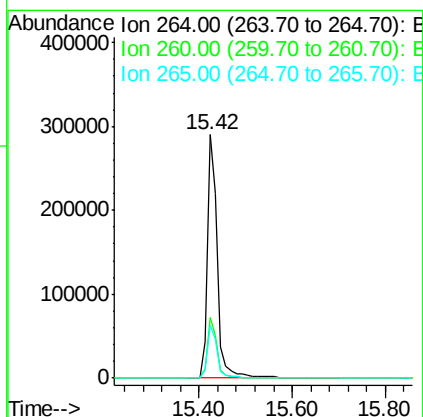
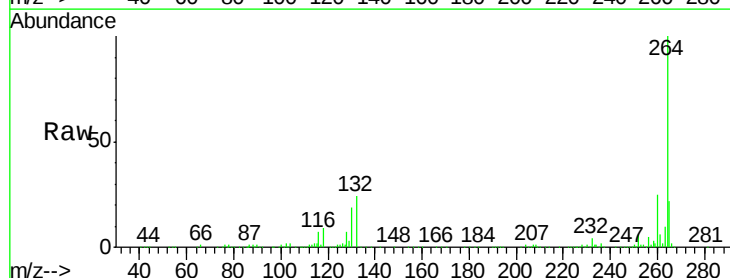
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

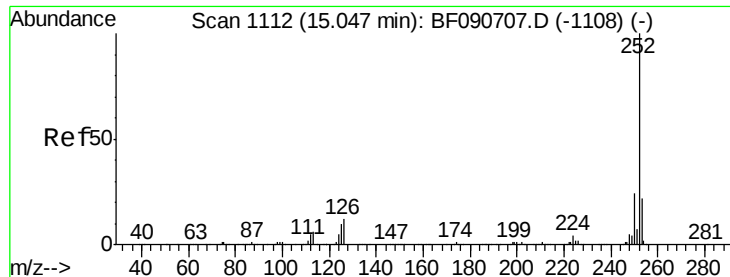
Tot Ion:276 Resp: 1049490
 Ion Ratio Lower Upper
 276 100
 138 29.4 25.7 38.5
 277 25.1 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Tgt Ion:264 Resp: 443205
 Ion Ratio Lower Upper
 264 100
 260 24.9 16.7 25.1
 265 21.6 17.2 25.8

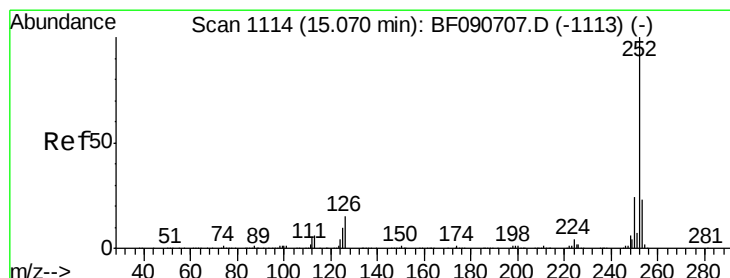
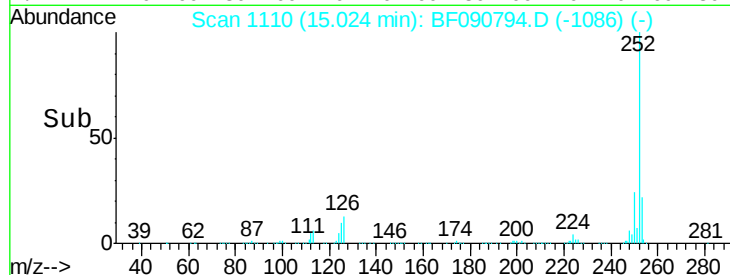
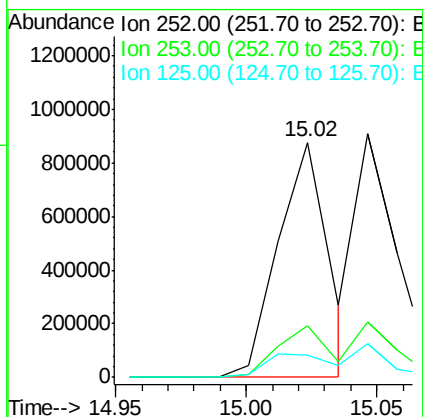
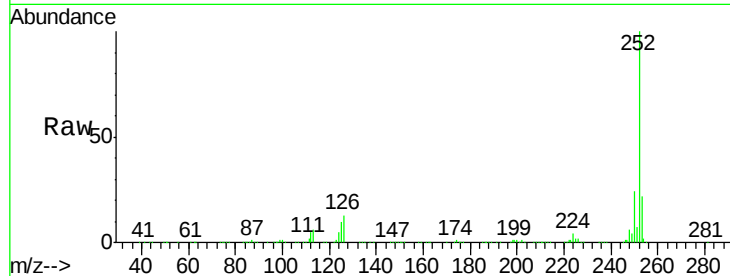




#87
Benzo(b)fluoranthene
Concen: 42.69 ng
RT: 15.02 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

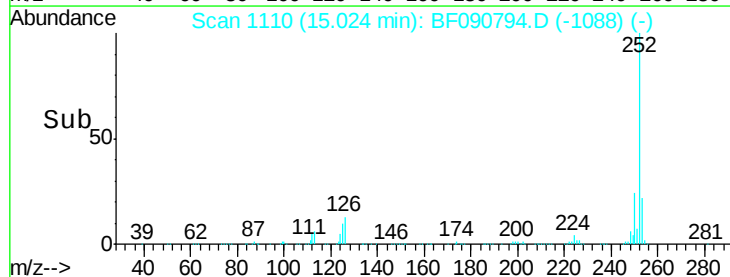
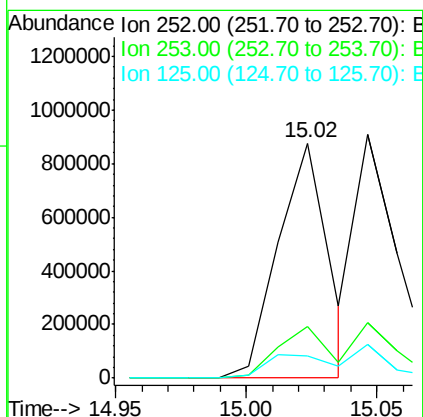
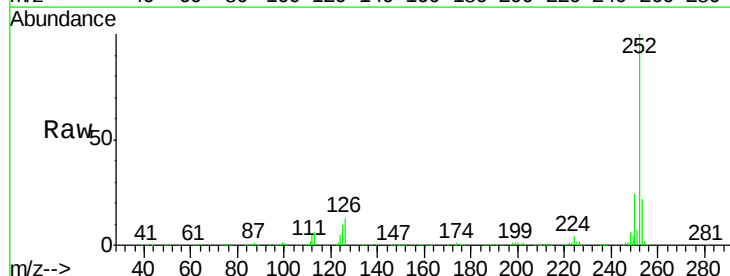
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

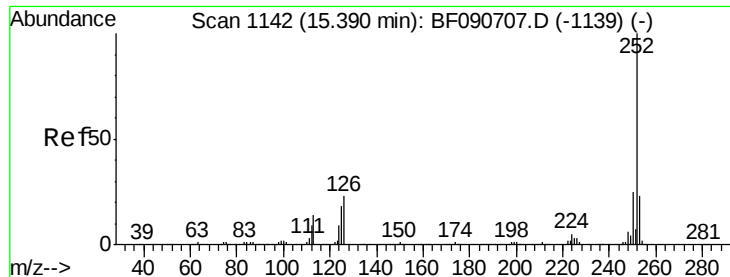
Tot Ion:252 Resp: 1163484
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.7 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 42.48 ng
RT: 15.02 min Scan# 1110
Delta R.T. -0.05 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion:252 Resp: 1163484
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.7 16.0 24.0#

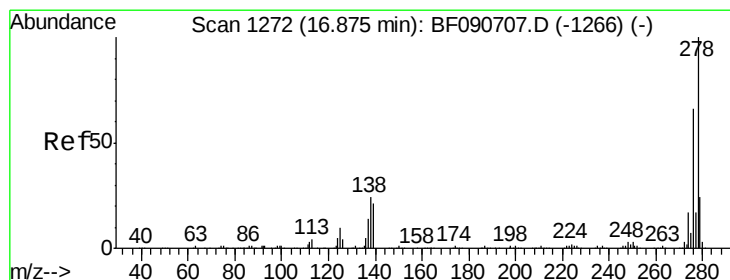
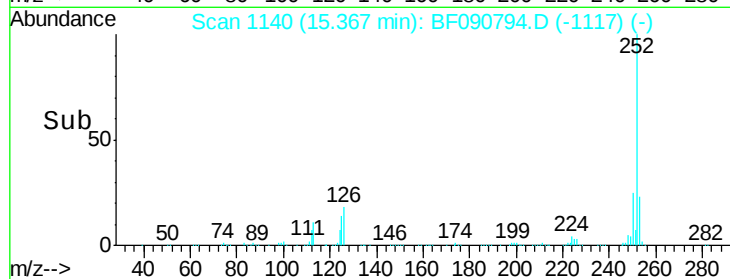
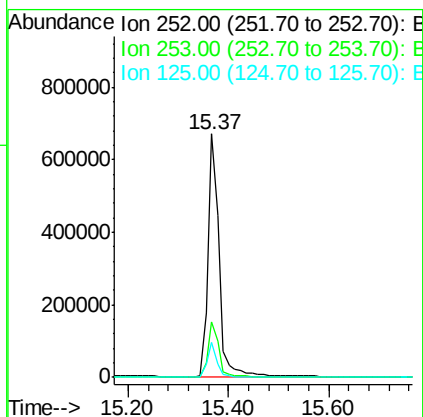
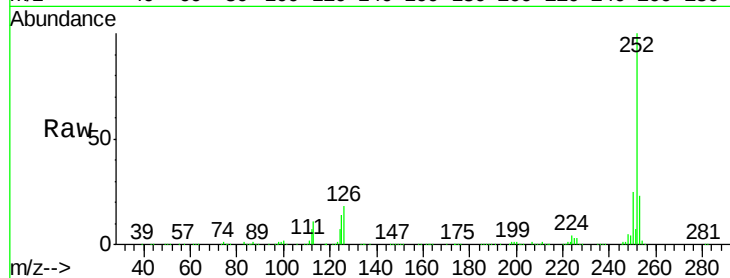




#89
Benzo(a)pyrene
Concen: 39.67 ng
RT: 15.37 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

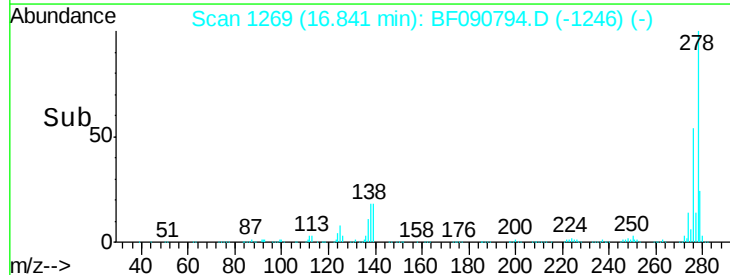
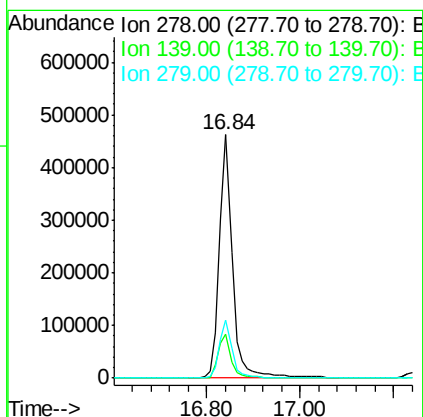
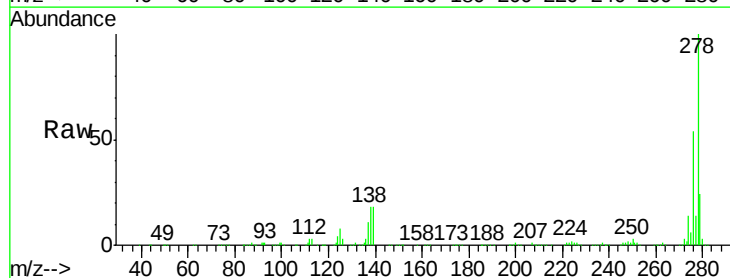
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

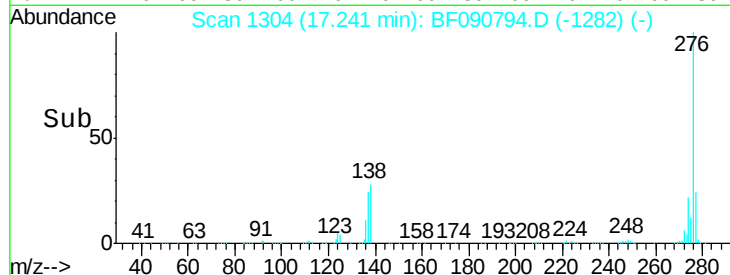
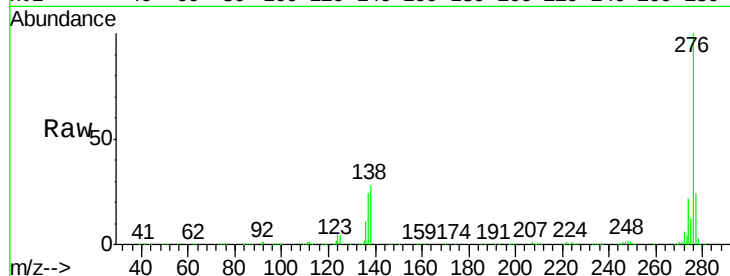
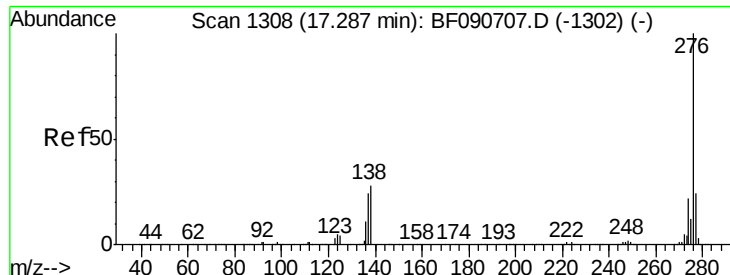
Tot Ion:252 Resp: 1014359
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 14.2 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 36.54 ng
RT: 16.84 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BF090794.D
Acq: 24 Oct 2016 18:20

Tgt Ion:278 Resp: 897015
Ion Ratio Lower Upper
278 100
139 18.0 26.3 39.5#
279 23.8 18.2 27.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.25 ng
 RT: 17.24 min Scan# 1304
 Delta R.T. -0.05 min
 Lab File: BF090794.D
 Acq: 24 Oct 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.2	17.8	26.6	
138	28.5	34.6	51.8	

