

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
 Data File : BF088393.D
 Acq On : 26 Jun 2016 00:44
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 26 03:50:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	97357	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	383980	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	165176	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	251272	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	185344	20.00	ng	-0.05
86) Perylene-d12	15.05	264	162240	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	459515	80.69	ng	-0.03
7) Phenol-d6	6.24	99	500842	72.57	ng	-0.02
23) Nitrobenzene-d5	7.14	82	499674	75.99	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	108784	62.37	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	926980	88.38	ng	-0.03
78) Terphenyl-d14	12.65	244	603211	74.06	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	113127	40.88	ng	# 45
3) Pyridine	2.58	79	269866	41.30	ng	91
4) n-Nitrosodimethylamine	2.55	42	84789	30.64	ng	84
6) Aniline	6.23	93	318582	32.43	ng	94
8) 2-Chlorophenol	6.35	128	274930	40.79	ng	91
9) Benzaldehyde	6.11	77	170425	40.41	ng	99
10) Phenol	6.25	94	336529	47.36	ng	87
11) bis(2-Chloroethyl)ether	6.31	93	262987	43.46	ng	90
12) 1,3-Dichlorobenzene	6.50	146	282229m	39.02	ng	
13) 1,4-Dichlorobenzene	6.58	146	297042m	40.77	ng	
14) 1,2-Dichlorobenzene	6.73	146	245589m	37.07	ng	
15) Benzyl Alcohol	6.73	79	186799	34.60	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.86	45	240208	29.38	ng	# 1
17) 2-Methylphenol	6.86	107	189712	34.70	ng	# 88
18) Hexachloroethane	7.07	117	93605	36.21	ng	91
19) n-Nitroso-di-n-propylamine	7.00	70	173286	39.25	ng	# 85
20) 3+4-Methylphenols	7.02	107	252581	39.60	ng	# 79
22) Acetophenone	6.99	105	361820	42.17	ng	# 97
24) Nitrobenzene	7.16	77	261188	41.01	ng	94
25) Isophorone	7.40	82	463067	38.02	ng	99
26) 2-Nitrophenol	7.48	139	135296	39.65	ng	# 72
27) 2,4-Dimethylphenol	7.54	122	219807	34.99	ng	98
28) bis(2-Chloroethoxy)methane	7.62	93	308637	40.86	ng	# 97
29) 2,4-Dichlorophenol	7.74	162	197382	37.63	ng	92
30) 1,2,4-Trichlorobenzene	7.79	180	216229	37.86	ng	97
31) Naphthalene	7.87	128	696411	36.65	ng	99
32) Benzoic acid	7.71	122	98307	28.42	ng	92
33) 4-Chloroaniline	7.94	127	310832	36.63	ng	95
34) Hexachlorobutadiene	7.99	225	111191	36.91	ng	97
35) Caprolactam	8.33	113	60218	34.66	ng	# 83
36) 4-Chloro-3-methylphenol	8.44	107	214911	38.31	ng	97
37) 2-Methylnaphthalene	8.56	142	437951	34.97	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	192264	44.58	ng	# 1
40) Hexachlorocyclopentadiene	8.71	237	10413	3.91	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	120211	36.39	nq	99
43) 2,4,5-Trichlorophenol	8.90	196	130826	38.07	nq #	92
45) 1,1'-Biphenyl	9.03	154	552146	44.46	nq	98
46) 2-Chloronaphthalene	9.05	162	426542	39.91	nq	99
47) 2-Nitroaniline	9.16	65	124202	39.39	nq #	72
48) Acenaphthylene	9.46	152	638952	37.58	nq	99
49) Dimethylphthalate	9.34	163	506252	42.31	nq	100
50) 2,6-Dinitrotoluene	9.40	165	103838	37.89	nq #	68
51) Acenaphthene	9.63	154	389585	36.73	nq	98
52) 3-Nitroaniline	9.58	138	123902	39.19	nq	92
53) 2,4-Dinitrophenol	9.70	184	13020	13.32	nq #	88
54) Dibenzofuran	9.80	168	569218	38.97	nq	92
55) 4-Nitrophenol	9.77	139	52050m	21.21	nq	
56) 2,4-Dinitrotoluene	9.82	165	129187	36.69	nq	98
57) Fluorene	10.15	166	407290	40.81	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	92772	34.35	nq #	55
59) Diethylphthalate	10.03	149	480044	39.64	nq	99
60) 4-Chlorophenyl-phenylether	10.14	204	177046	36.45	nq	92
61) 4-Nitroaniline	10.19	138	112093	37.37	nq	98
62) Azobenzene	10.30	77	456608	38.12	nq	96
64) 4,6-Dinitro-2-methylphenol	10.23	198	21892	15.49	nq #	71
65) n-Nitrosodiphenylamine	10.26	169	376018	45.10	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	118528	43.97	nq	94
67) Hexachlorobenzene	10.68	284	110414	39.42	nq	97
68) Atrazine	10.80	200	101239	40.10	nq	97
69) Pentachlorophenol	10.89	266	68643	46.49	nq	97
70) Phenanthrene	11.10	178	540717	41.01	nq	99
71) Anthracene	11.14	178	556036	41.81	nq	99
72) Carbazole	11.31	167	525643	42.23	nq	98
73) Di-n-butylphthalate	11.65	149	694878	44.10	nq	99
74) Fluoranthene	12.27	202	499206	35.88	nq	99
76) Benzidine	12.41	184	233894	45.58	nq	98
77) Pyrene	12.50	202	515890	37.51	nq	99
79) Butylbenzylphthalate	13.13	149	257692	42.38	nq	94
80) Benzo(a)anthracene	13.69	228	408297	38.66	nq	98
81) 3,3'-Dichlorobenzidine	13.66	252	148566	52.31	nq #	96
82) Chrysene	13.73	228	467004	47.00	nq	97
83) Bis(2-ethylhexyl)phthalate	13.69	149	317308	42.87	nq #	97
84) Di-n-octyl phthalate	14.30	149	617813	51.36	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.29	276	336449	36.44	nq #	100
87) Benzo(b)fluoranthene	14.69	252	376071m	33.26	nq	
88) Benzo(k)fluoranthene	14.71	252	409283m	47.98	nq	
89) Benzo(a)pyrene	14.99	252	362445	39.62	nq	99
90) Dibenzo(a,h)anthracene	16.29	278	286120	33.67	nq	98
91) Benzo(g,h,i)perylene	16.65	276	271416	31.05	nq	97

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

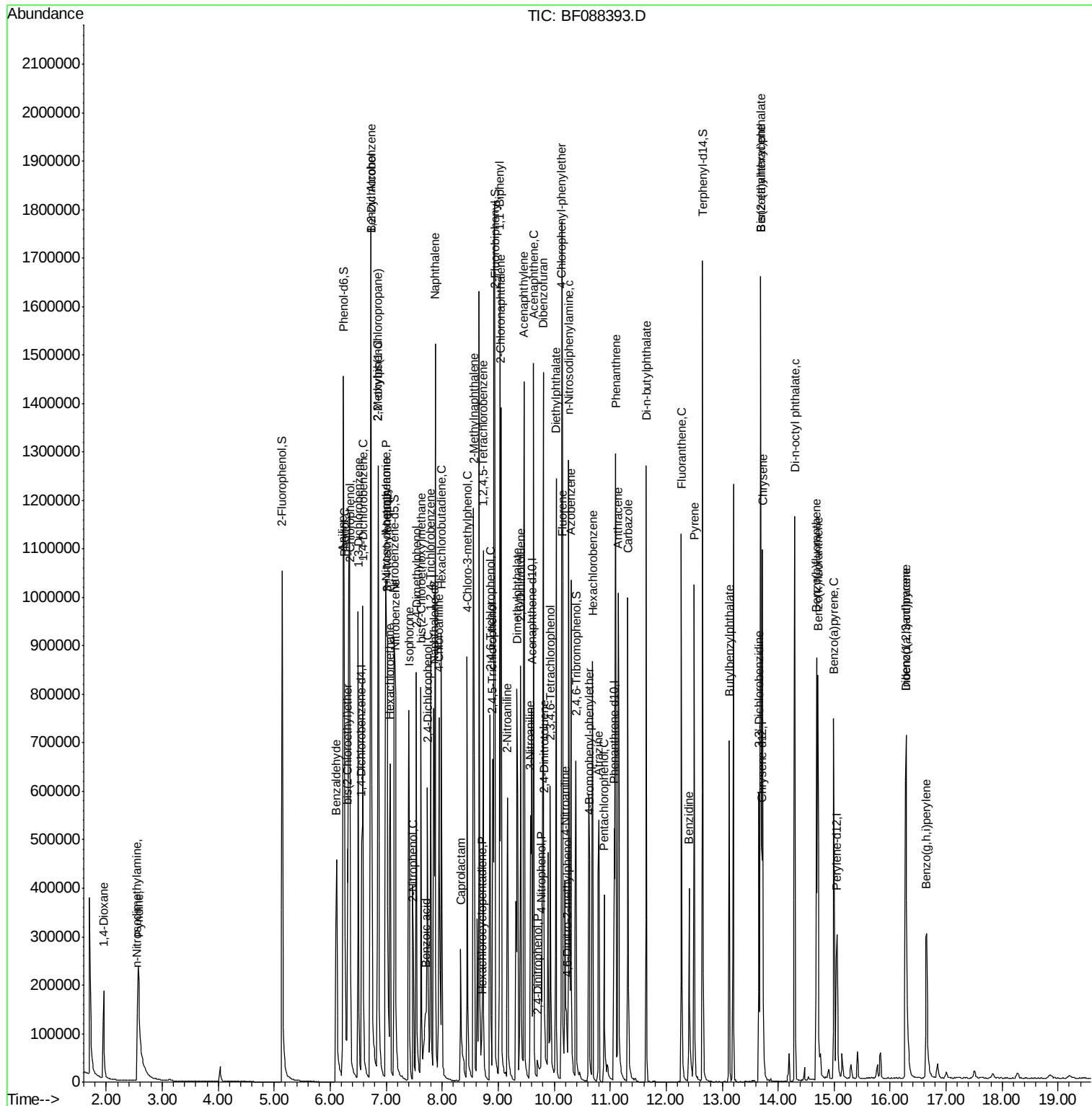
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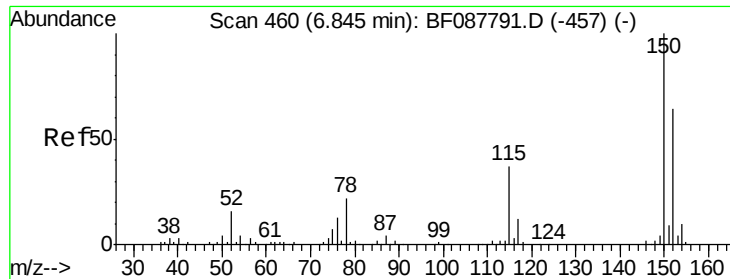
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

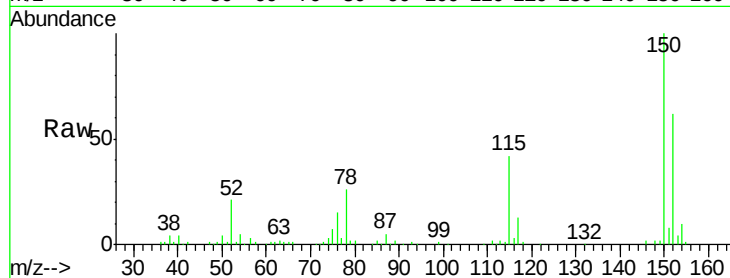
Tot Ion:152 Resp: 97357

Ion Ratio Lower Upper

152 100

150 161.3 123.8 185.6

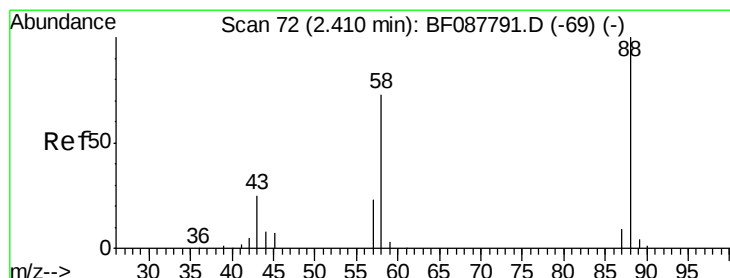
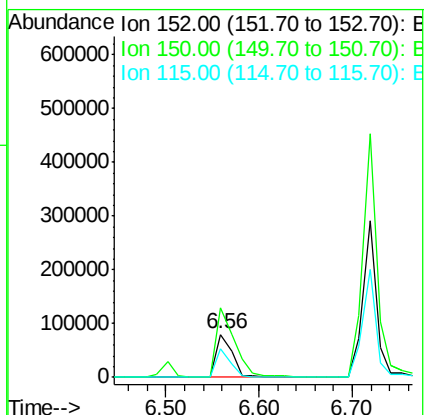
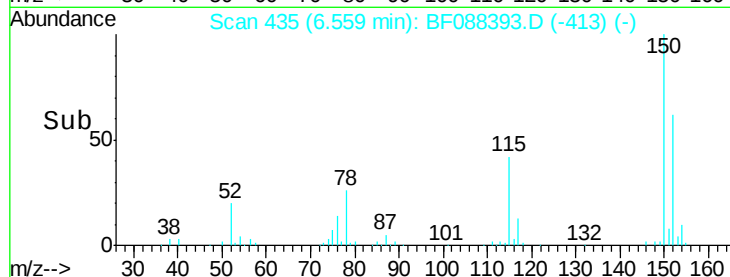
115 68.1 39.6 59.4#



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: 40.88 ng

RT: 1.95 min Scan# 32

Delta R.T. -0.07 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

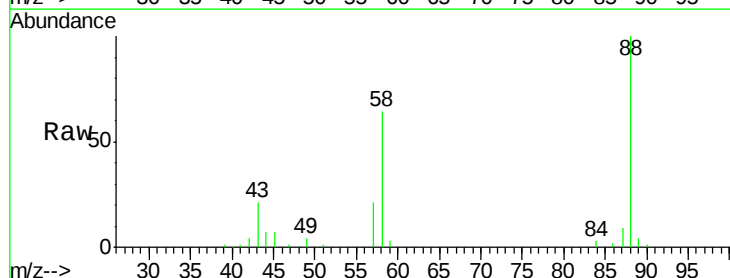
Tgt Ion: 88 Resp: 113127

Ion Ratio Lower Upper

88 100

58 65.8 0.0 0.0#

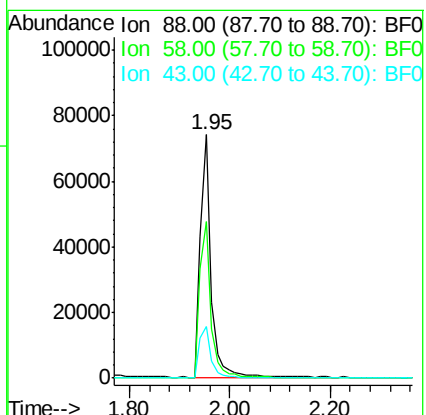
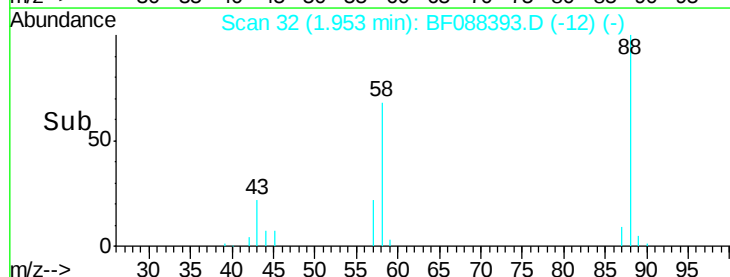
43 22.3 3.4 5.2#

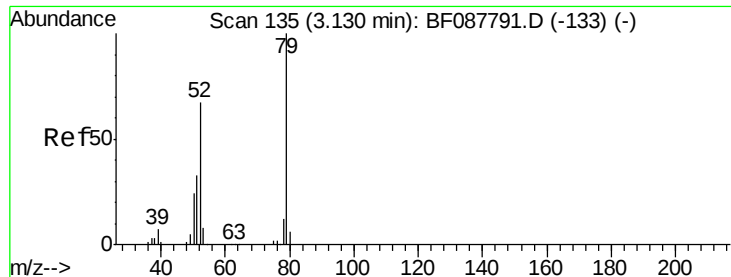


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 41.30 ng

RT: 2.58 min Scan# 87

Delta R.T. -0.09 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

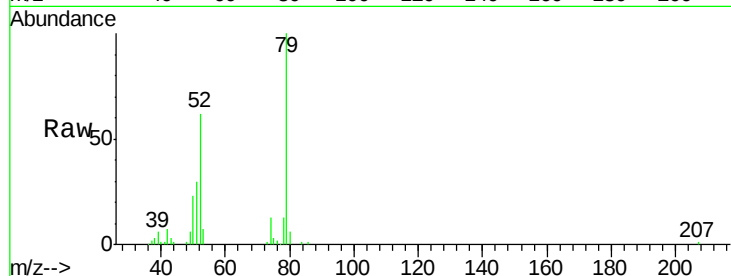
Tot Ion: 79 Resp: 269866

Ion Ratio Lower Upper

79 100

52 62.3 56.3 84.5

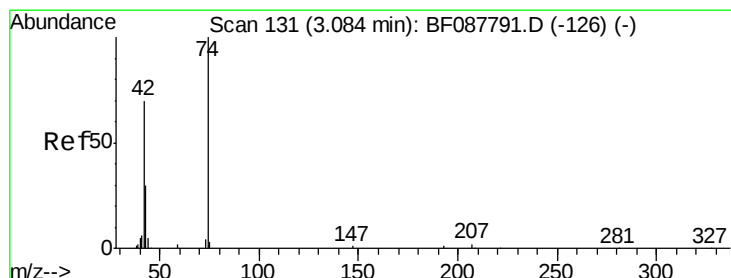
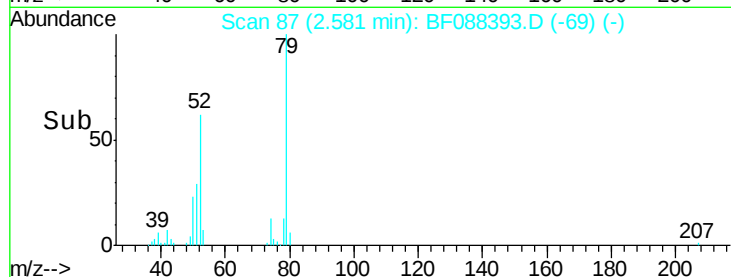
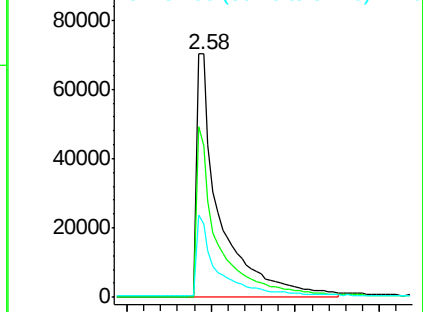
51 30.0 27.4 41.2



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: 30.64 ng

RT: 2.55 min Scan# 84

Delta R.T. -0.08 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

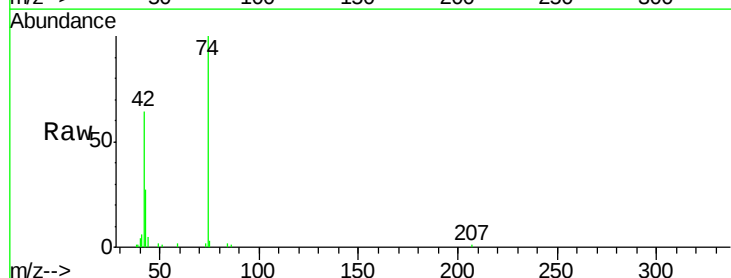
Tgt Ion: 42 Resp: 84789

Ion Ratio Lower Upper

42 100

74 156.3 108.6 163.0

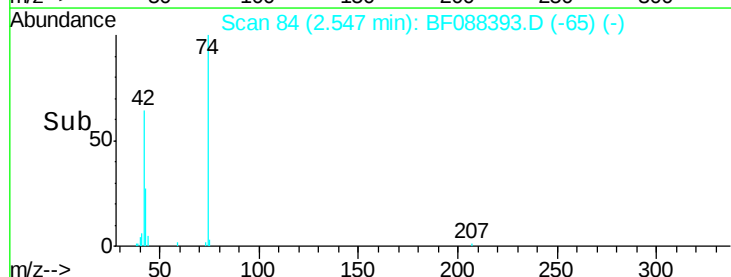
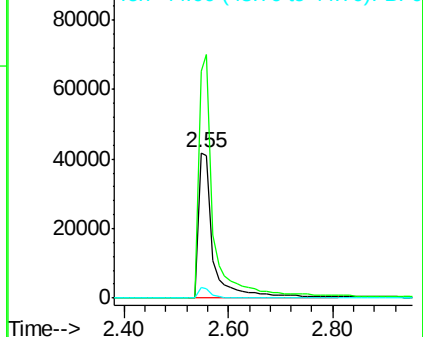
44 7.1 5.5 8.3

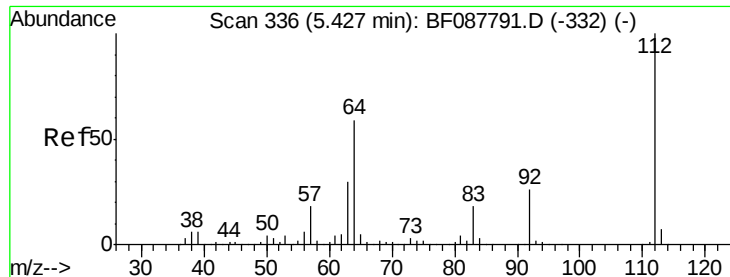


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.69 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.03 min

Lab File: BF088393.D

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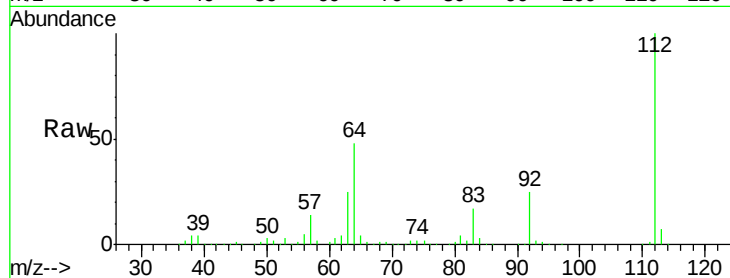
Tot Ion:112 Resp: 459515

Ion Ratio Lower Upper

112 100

64 48.3 42.2 63.2

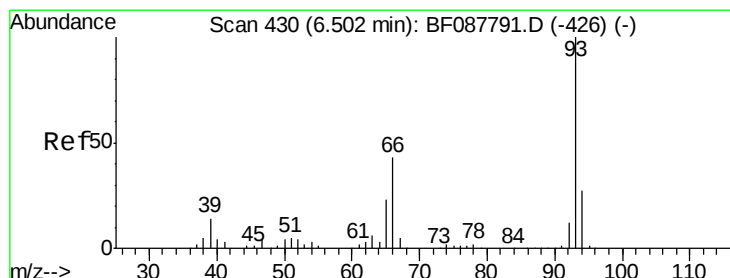
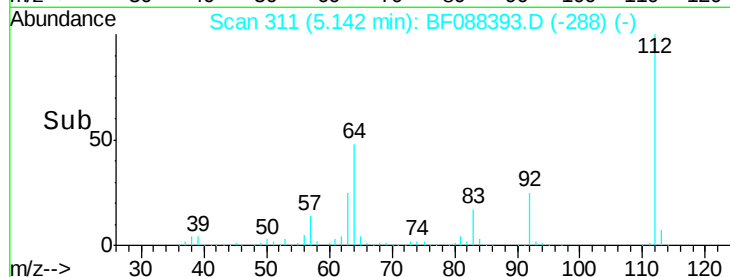
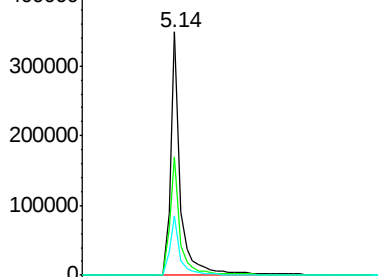
63 24.5 21.8 32.8



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: 32.43 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

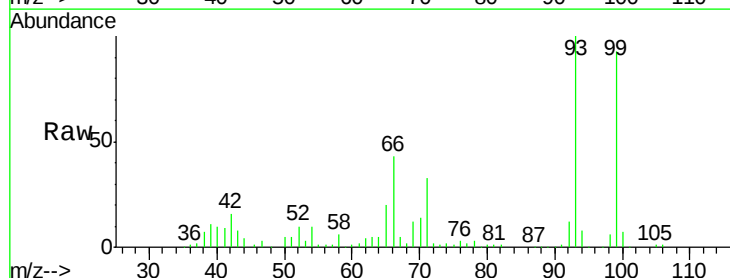
Tgt Ion: 93 Resp: 318582

Ion Ratio Lower Upper

93 100

66 42.5 29.8 44.8

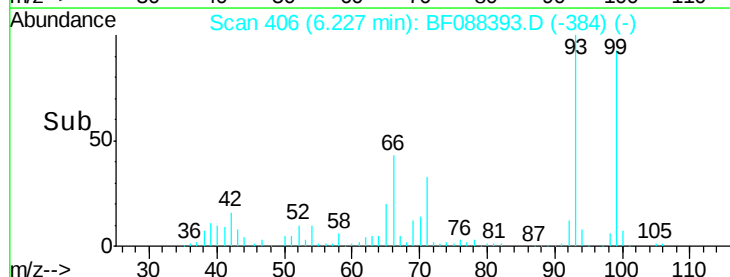
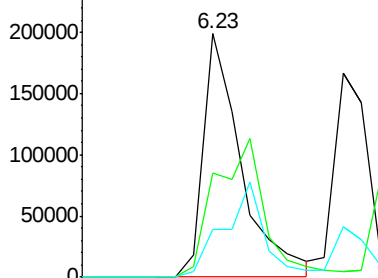
65 19.5 14.9 22.3

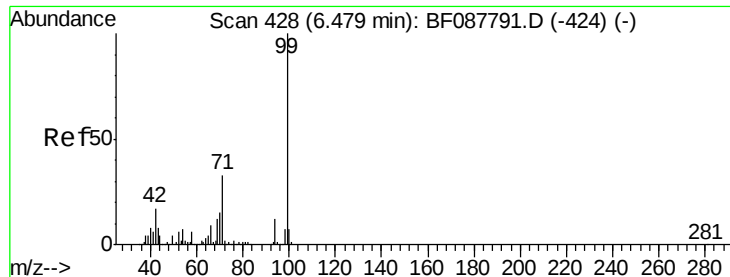


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.57 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.02 min

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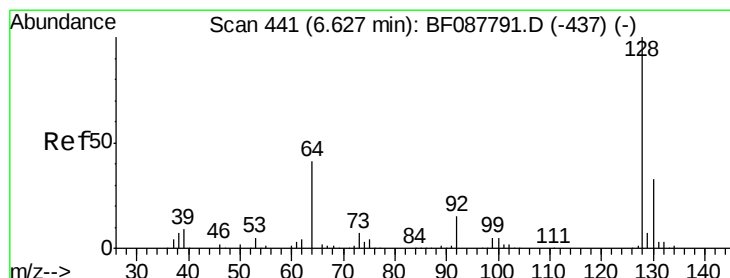
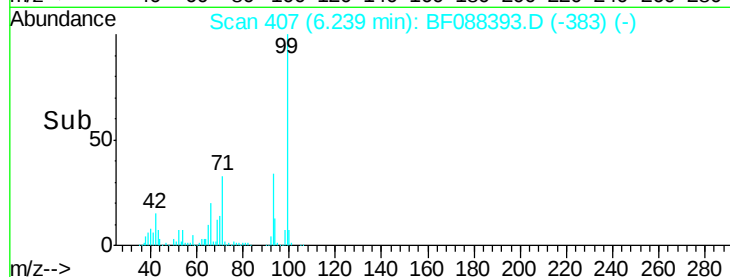
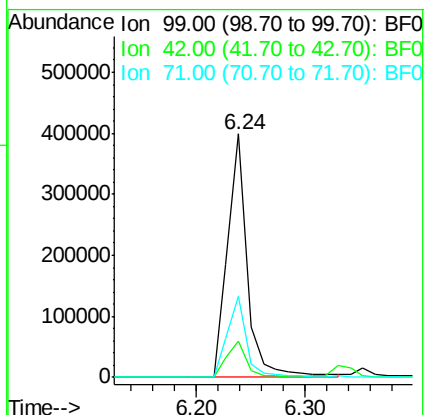
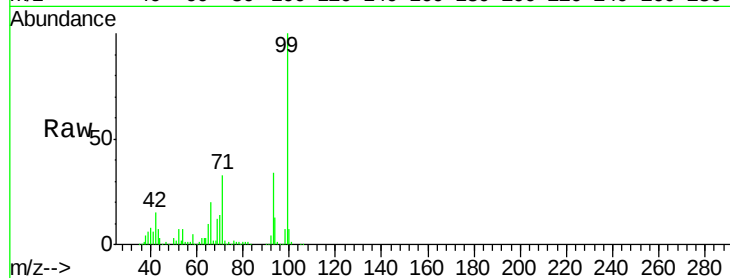
Tot Ion: 99 Resp: 500842

Ion Ratio Lower Upper

99 100

42 14.8 12.2 18.2

71 33.3 23.4 35.0



#8

2-Chlorophenol

Concen: 40.79 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

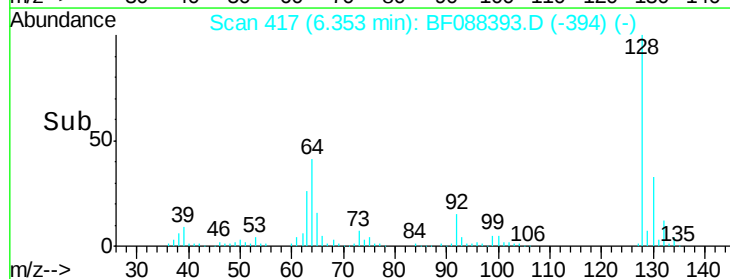
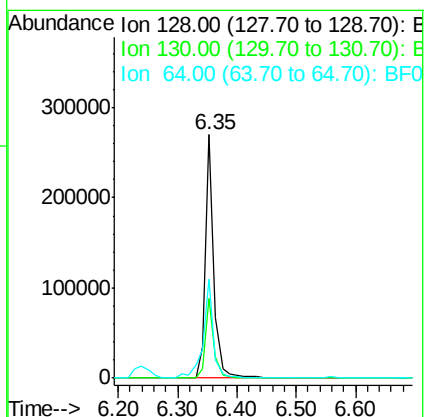
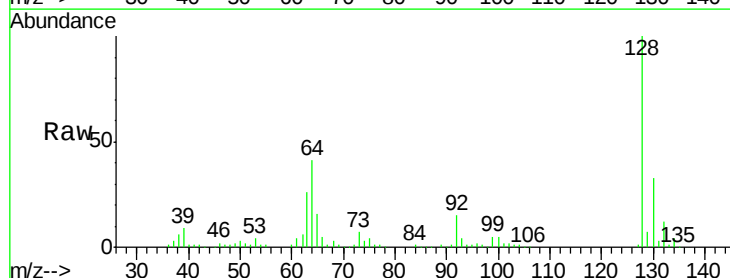
Tgt Ion: 128 Resp: 274930

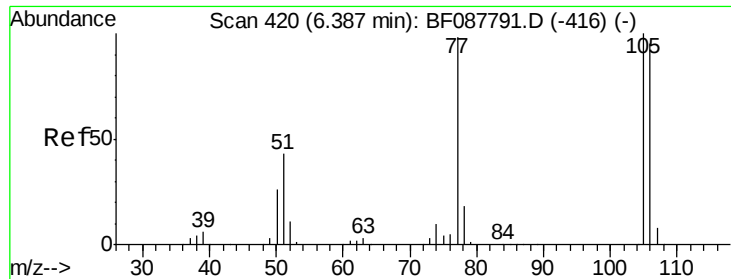
Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 40.6 30.8 70.8





#9

Benzaldehyde

Concen: 40.41 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.03 min

Lab File: BF088393.D

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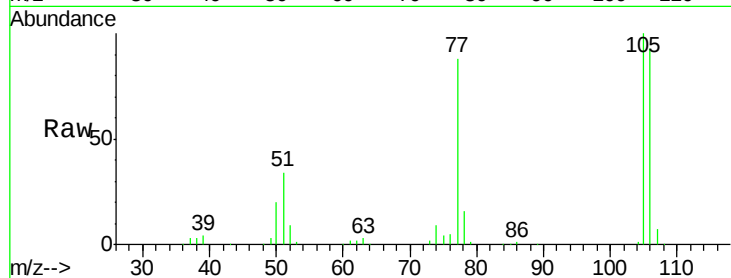
Tot Ion: 77 Resp: 170425

Ion Ratio Lower Upper

77 100

105 113.3 90.6 130.6

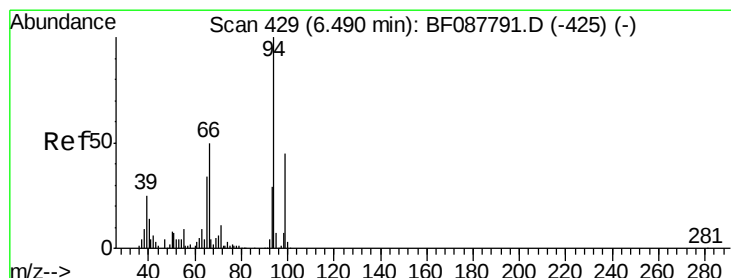
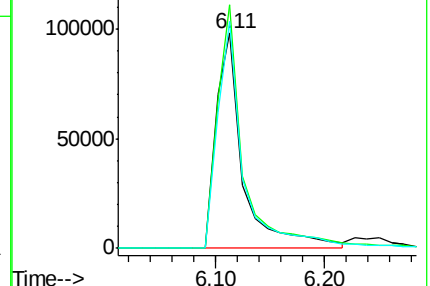
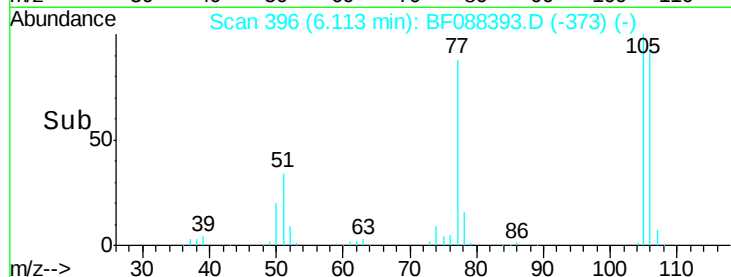
106 105.5 85.3 125.3



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: 47.36 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

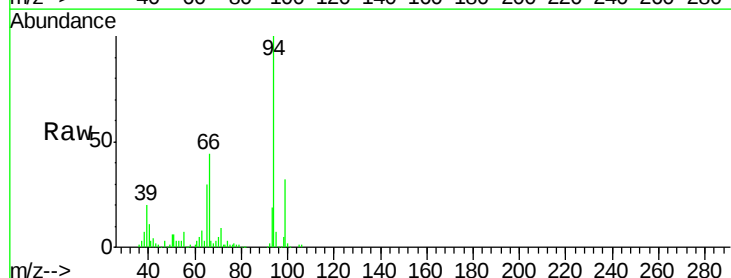
Tgt Ion: 94 Resp: 336529

Ion Ratio Lower Upper

94 100

65 30.1 5.9 45.9

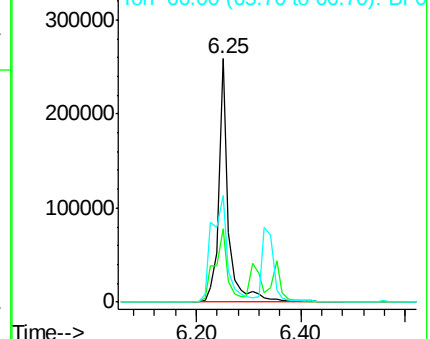
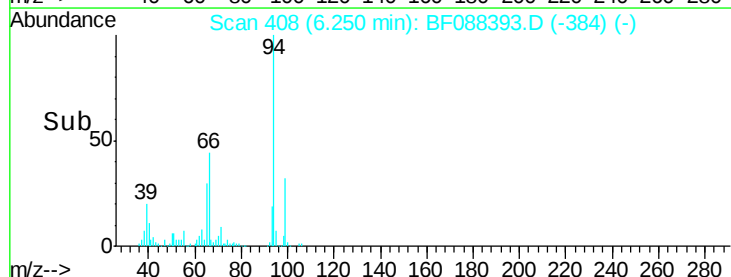
66 43.7 14.0 54.0

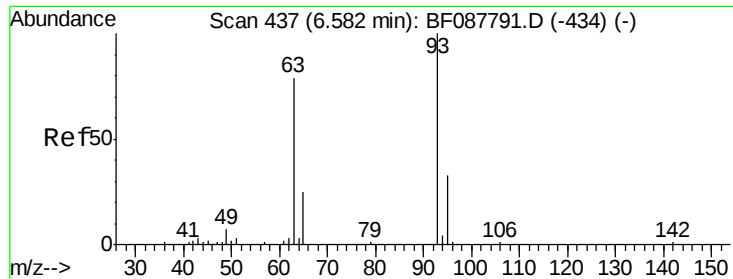


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.46 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

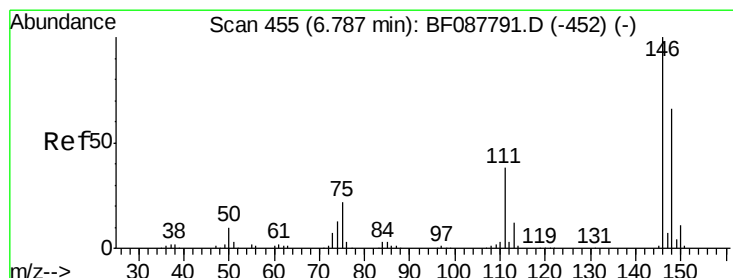
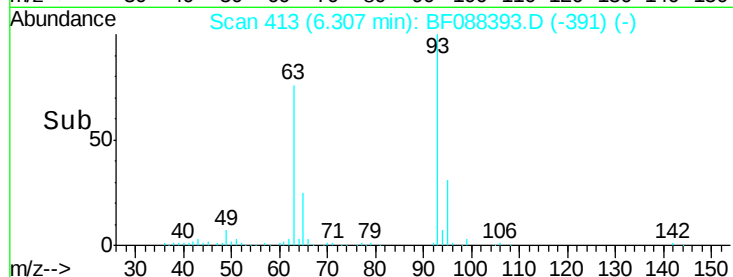
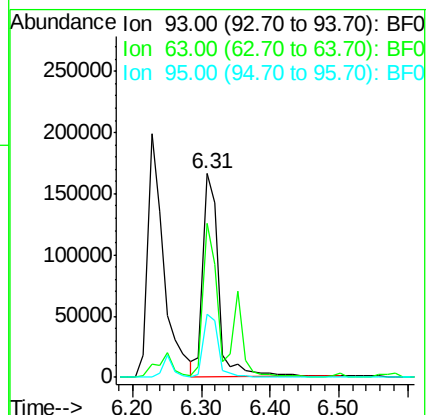
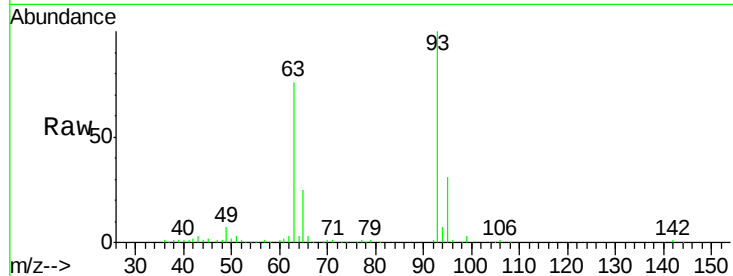
Tot Ion: 93 Resp: 262987

Ion Ratio Lower Upper

93 100

63 75.6 67.6 107.6

95 31.3 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 39.02 ng m

RT: 6.50 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

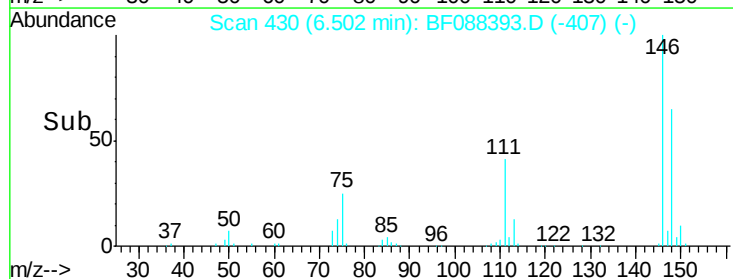
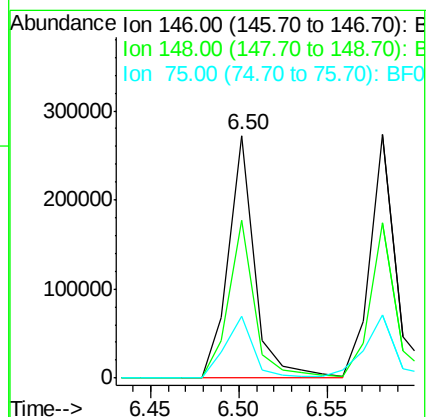
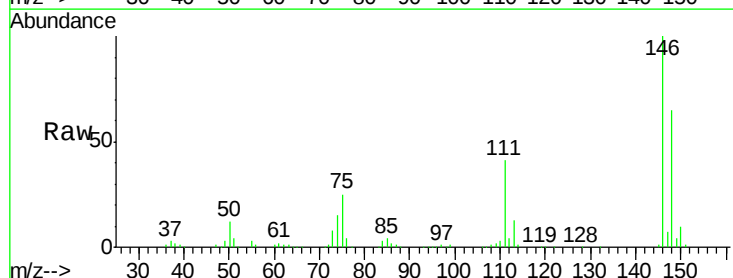
Tgt Ion: 146 Resp: 282229

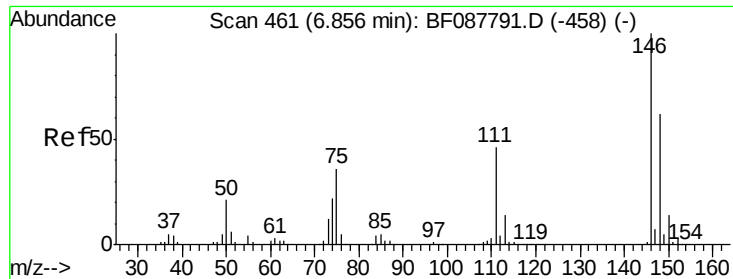
Ion Ratio Lower Upper

146 100

148 65.2 50.9 76.3

75 25.4 25.6 38.4#

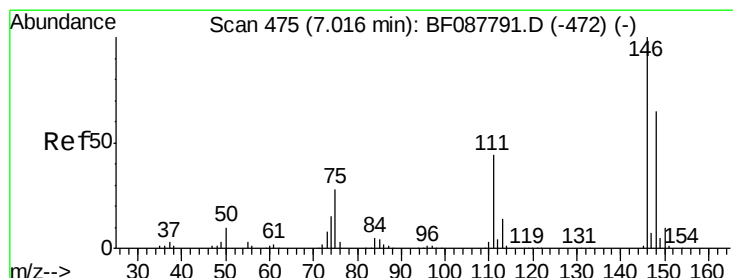
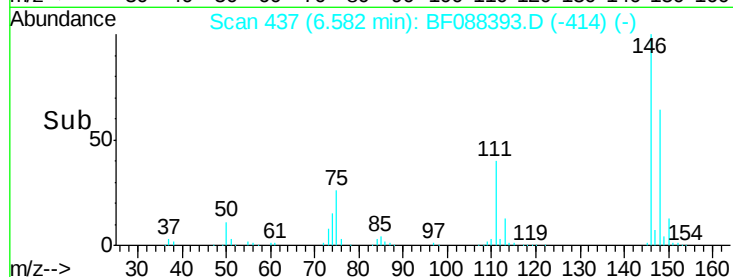
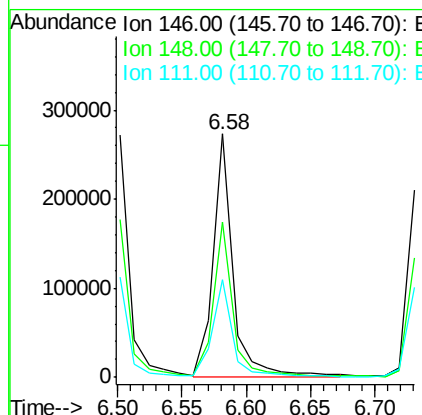
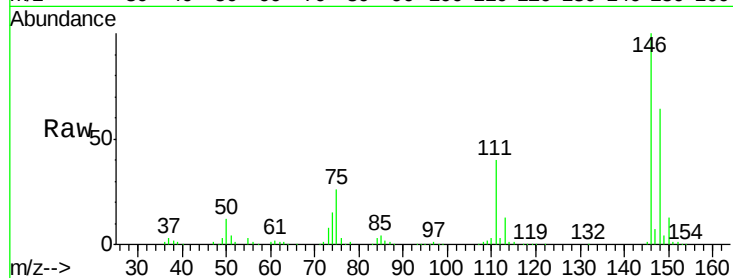




#13
 1,4-Dichlorobenzene
 Concen: 40.77 ng m
 RT: 6.58 min Scan# 437
 Delta R.T. -0.03 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

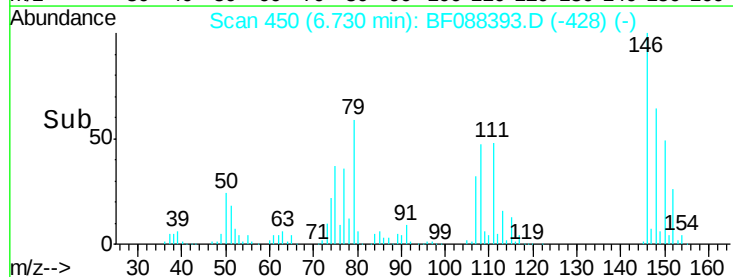
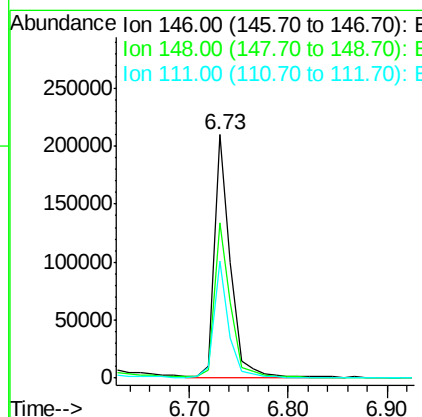
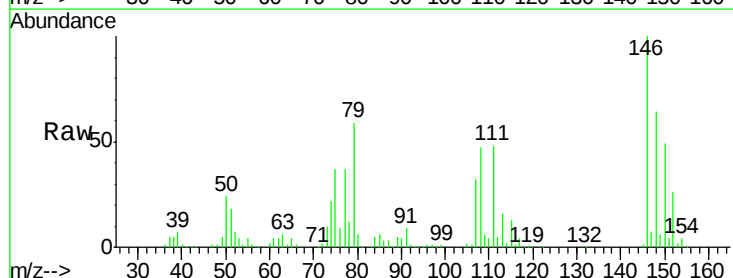
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

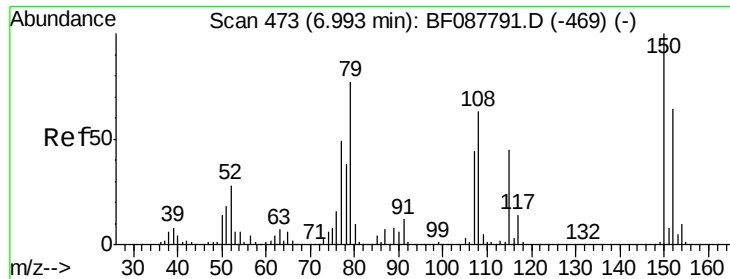
Tot Ion:146 Resp: 297042
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.0 78.0
 111 40.0 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 37.07 ng m
 RT: 6.73 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

Tgt Ion:146 Resp: 245589
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 48.1 28.7 43.1#

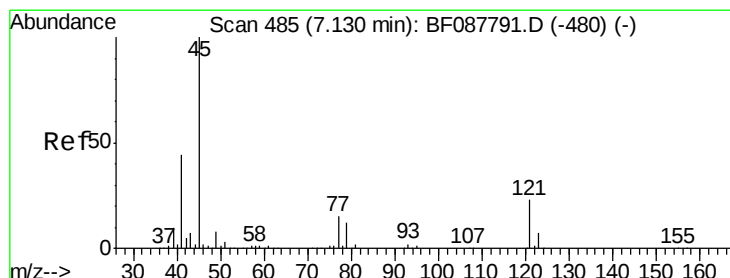
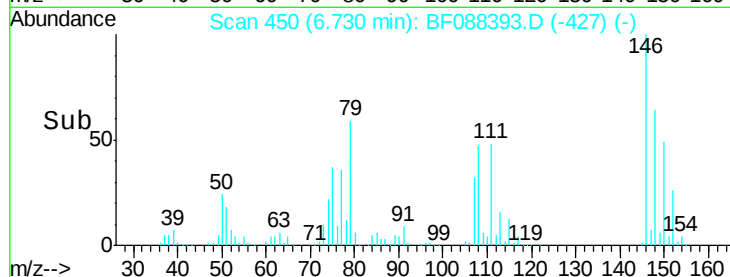
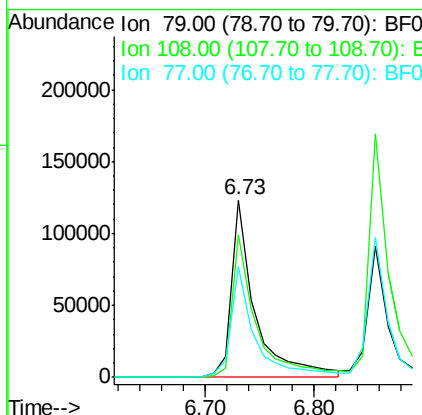
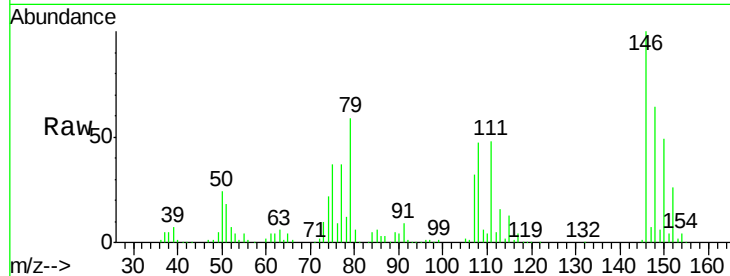




#15
Benzyl Alcohol
Concen: 34.60 ng
RT: 6.73 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

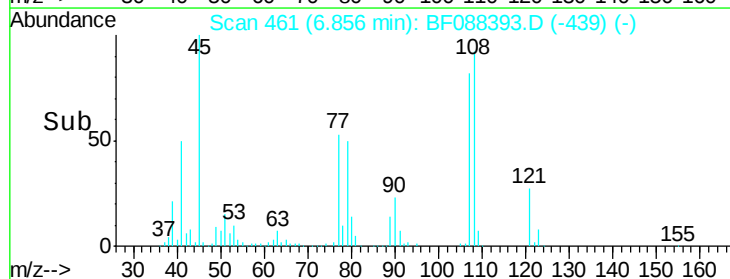
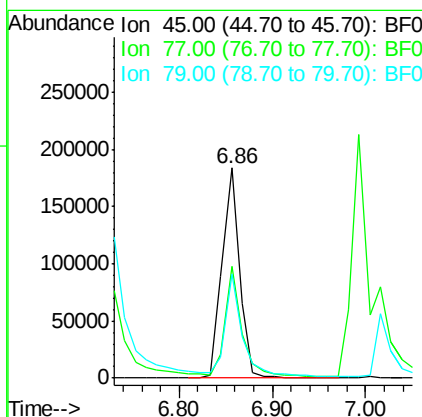
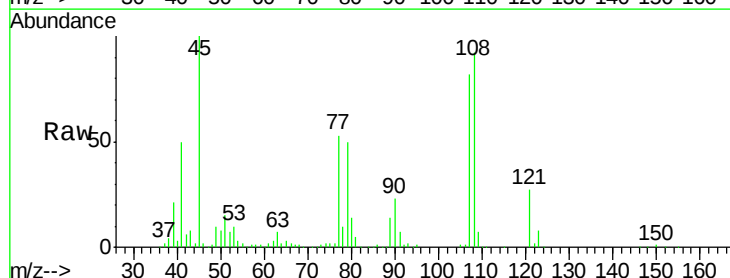
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

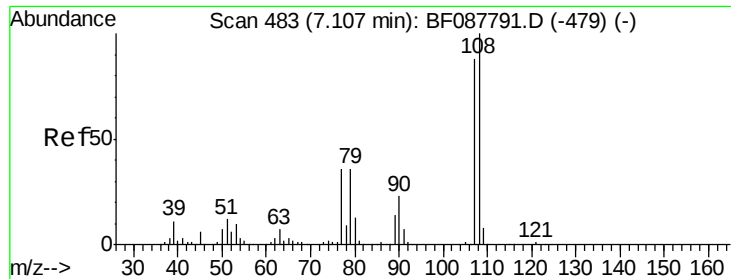
Tot Ion: 79 Resp: 186799
Ion Ratio Lower Upper
79 100
108 80.0 65.0 97.6
77 62.2 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.38 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Tgt Ion: 45 Resp: 240208
Ion Ratio Lower Upper
45 100
77 53.2 0.0 32.5#
79 49.8 0.0 29.5#

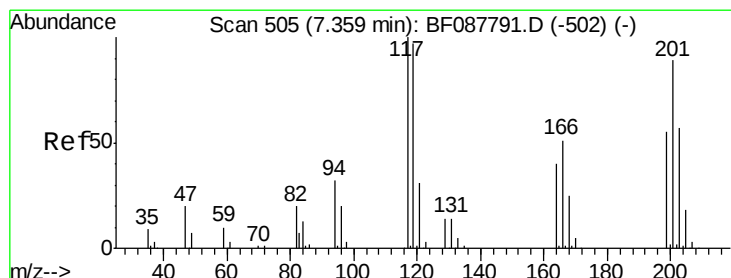
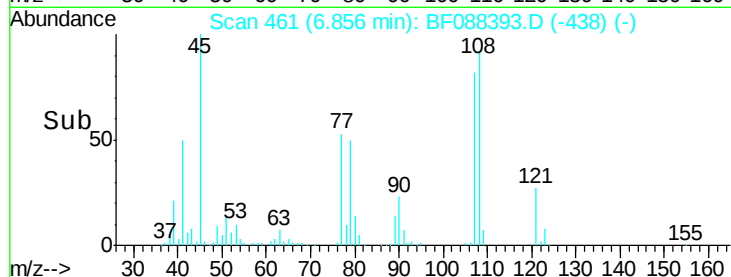
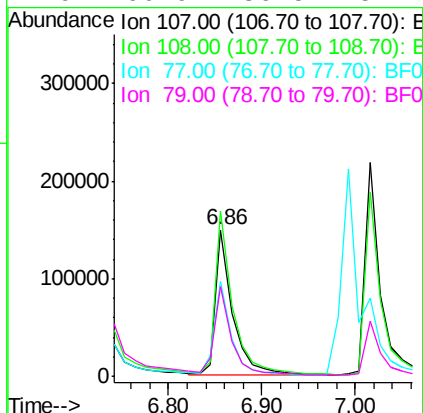
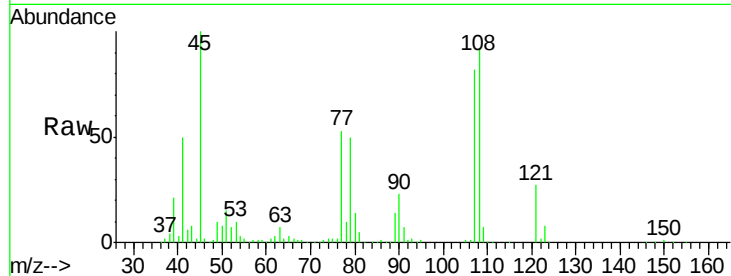




#17
2-Methylphenol
Concen: 34.70 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

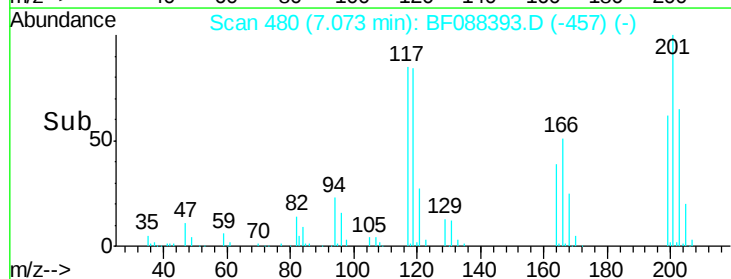
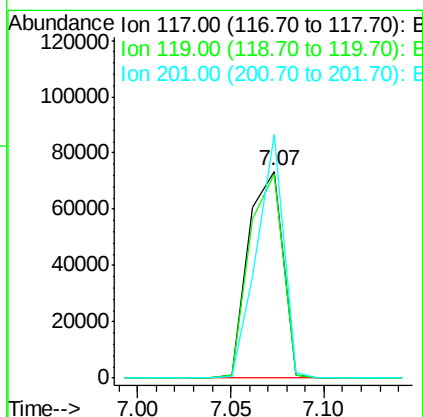
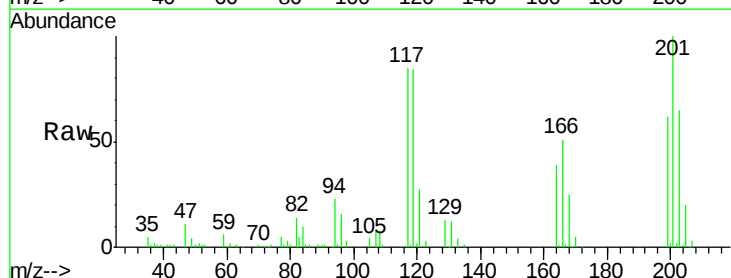
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

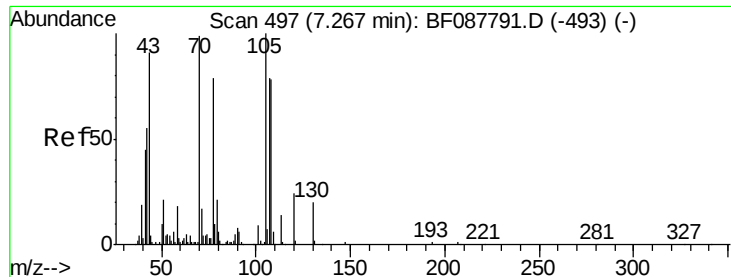
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.9	136.3
77	65.0	36.6	55.0#
79	60.9	36.5	54.7#



#18
Hexachloroethane
Concen: 36.21 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.03 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.4	116.2
201	117.6	80.4	120.6

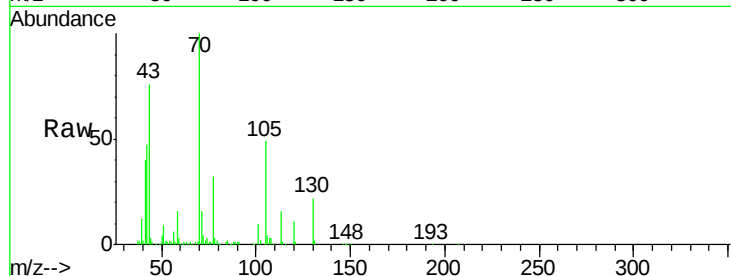




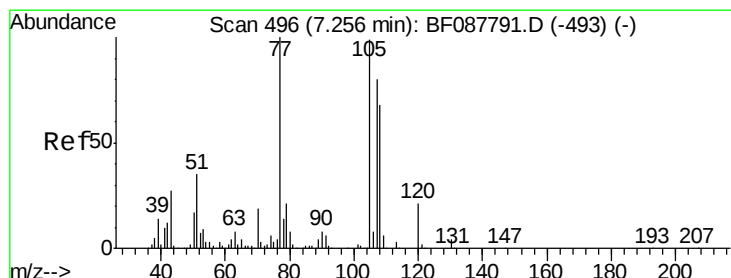
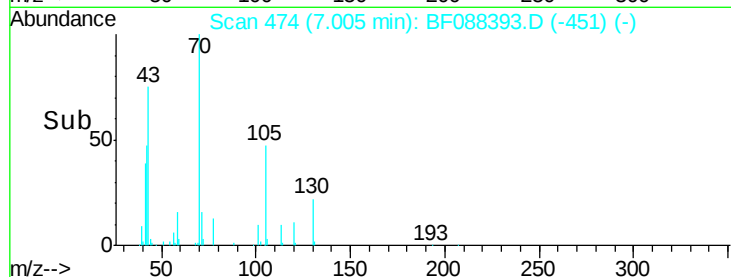
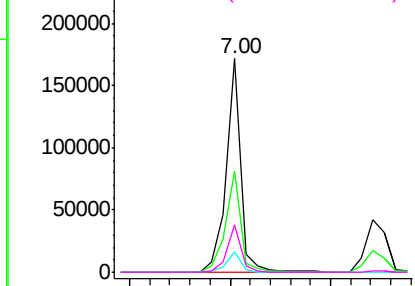
#19
n-Nitroso-di-n-propylamine
Concen: 39.25 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion: 70 Resp: 173286
Ion Ratio Lower Upper
70 100
42 47.1 49.6 74.4#
101 9.7 7.1 10.7
130 22.4 15.4 23.2

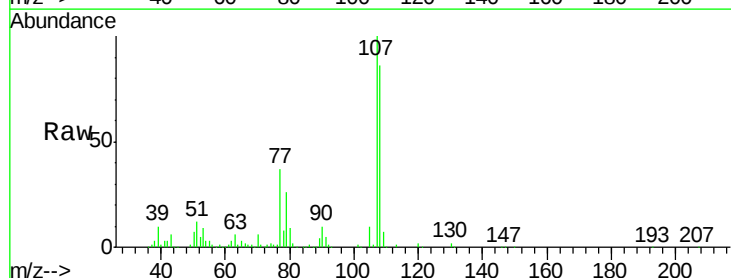


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

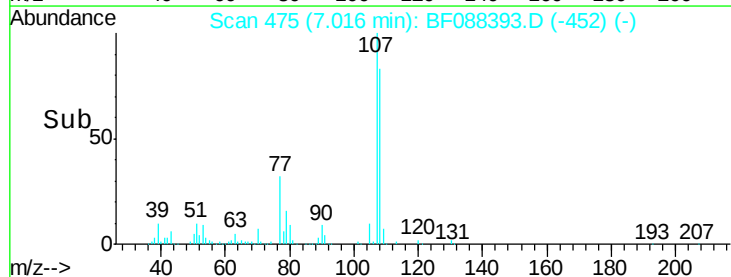
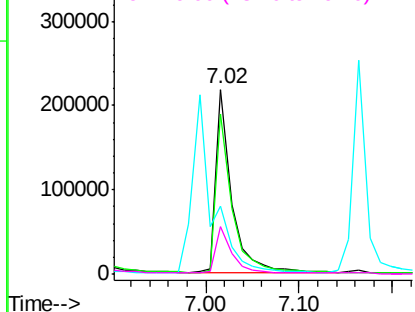


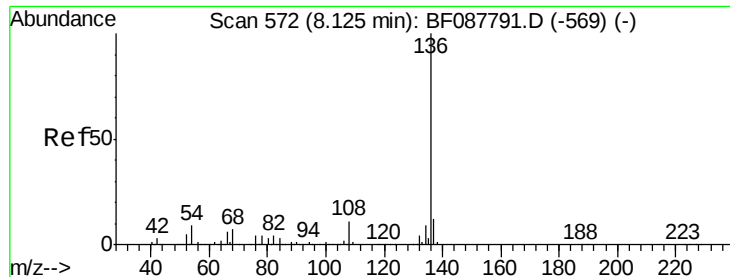
#20
3+4-Methylphenols
Concen: 39.60 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Tgt Ion: 107 Resp: 252581
Ion Ratio Lower Upper
107 100
108 86.5 67.8 107.8
77 36.6 59.3 99.3#
79 25.9 7.0 47.0



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 383980

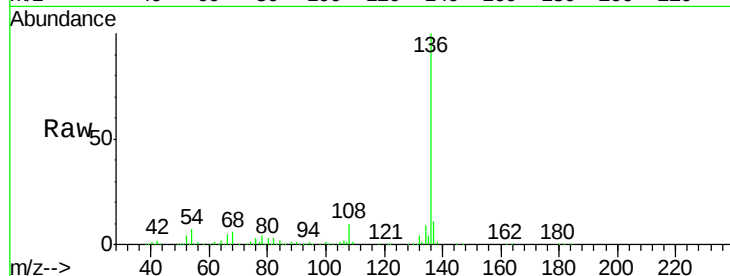
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.9 6.6 10.0

68 5.6 5.1 7.7

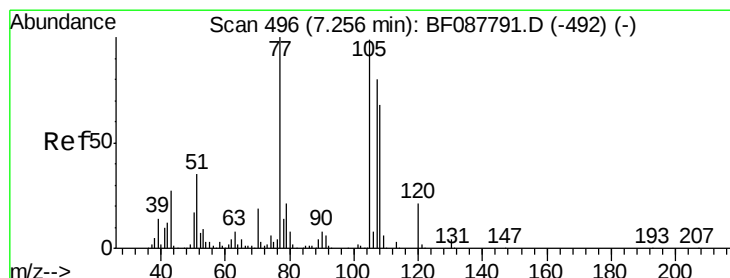
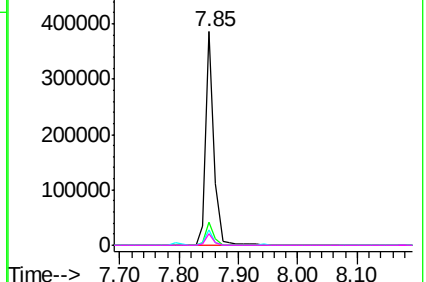
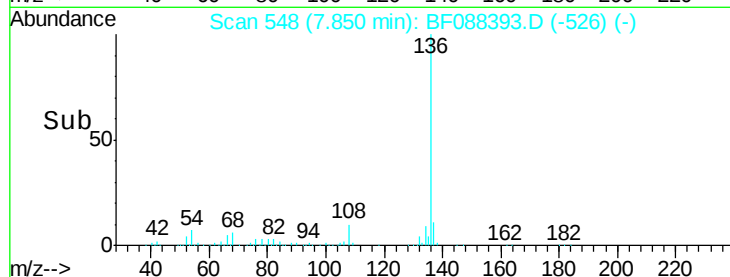


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.17 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.03 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Tgt Ion:105 Resp: 361820

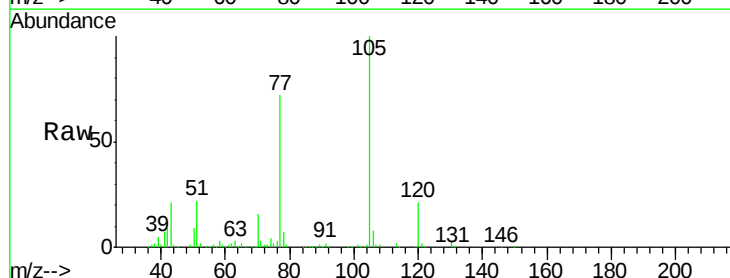
Ion Ratio Lower Upper

105 100

71 2.7 5.3 7.9#

51 21.8 18.2 27.4

120 21.5 18.0 27.0

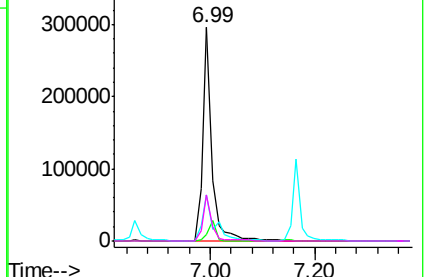
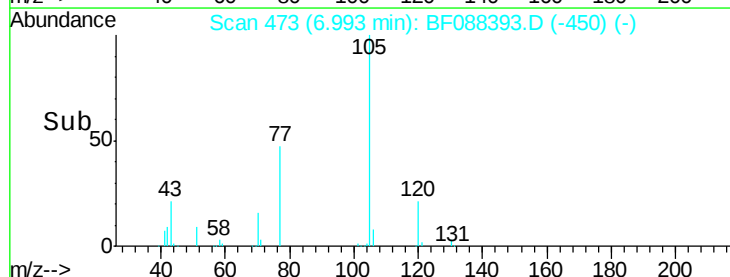


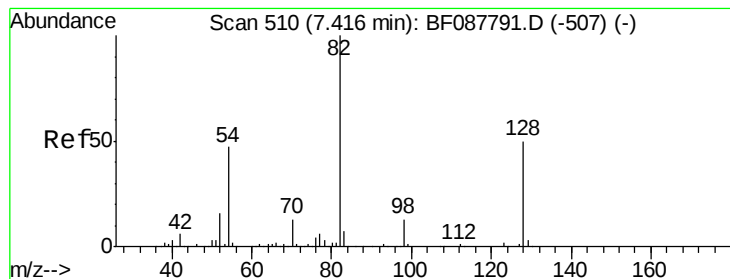
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.99 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

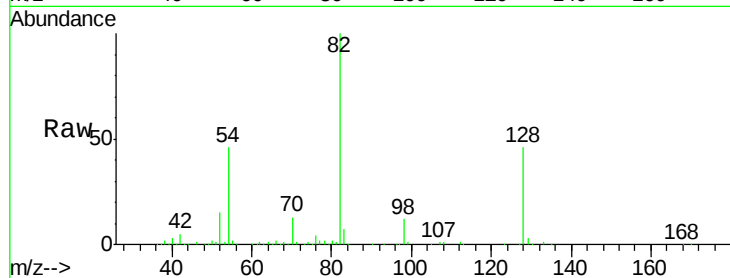
Tot Ion: 82 Resp: 499674

Ion Ratio Lower Upper

82 100

128 46.2 35.9 53.9

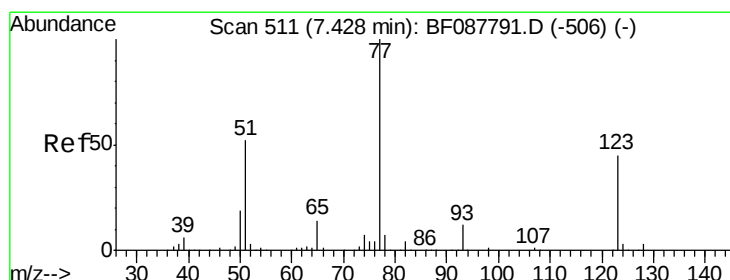
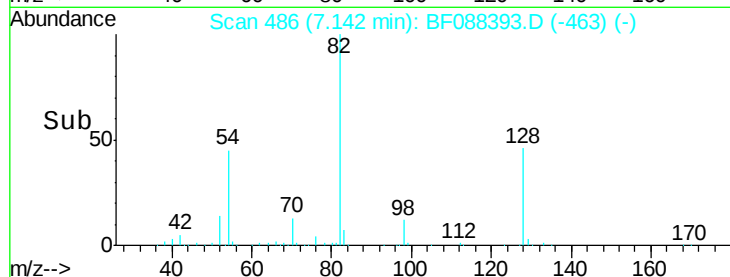
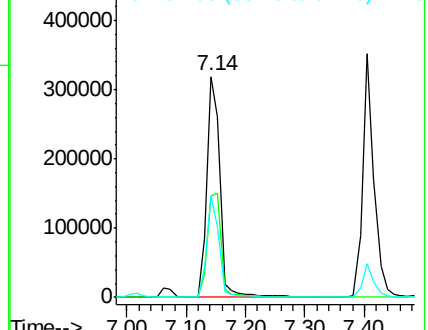
54 45.7 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.01 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

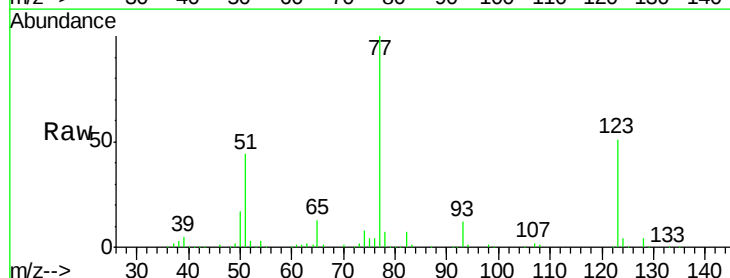
Tgt Ion: 77 Resp: 261188

Ion Ratio Lower Upper

77 100

123 51.1 45.0 67.4

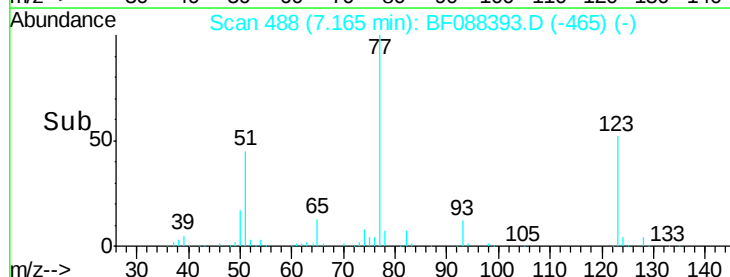
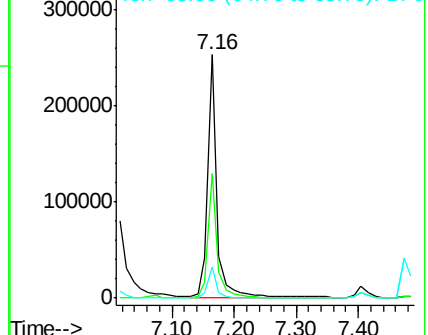
65 13.0 10.2 15.2

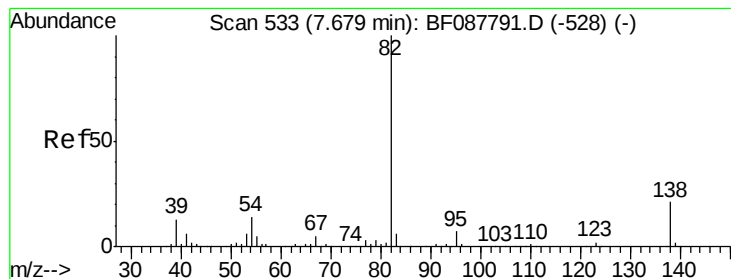


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.02 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

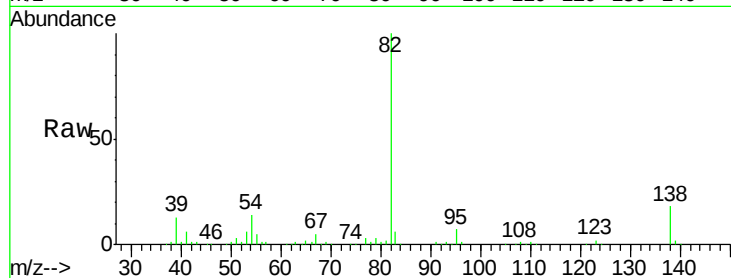
Tot Ion: 82 Resp: 463067

Ion Ratio Lower Upper

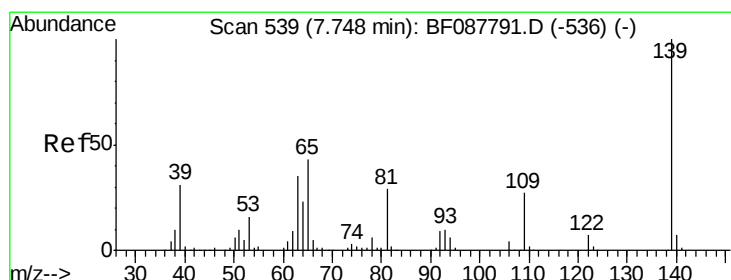
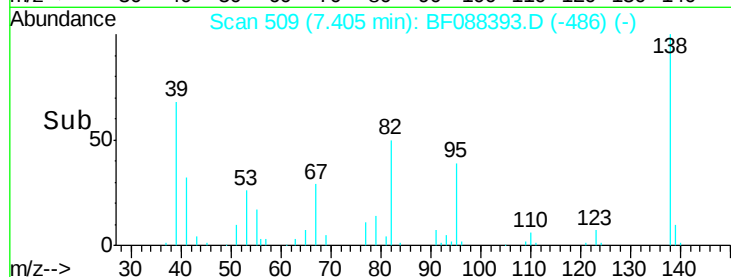
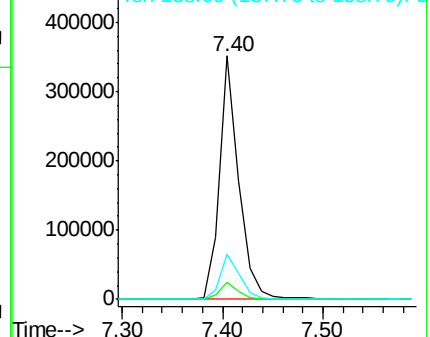
82 100

95 7.1 5.4 8.2

138 18.4 14.6 21.8



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: 39.65 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

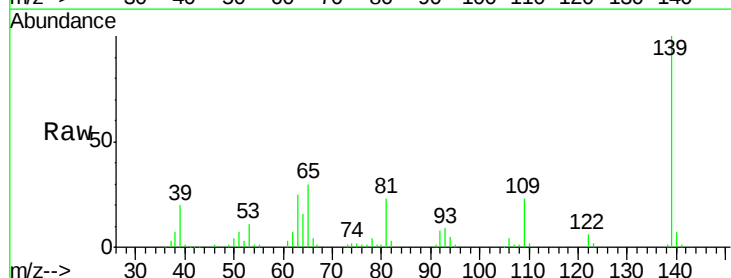
Tgt Ion: 139 Resp: 135296

Ion Ratio Lower Upper

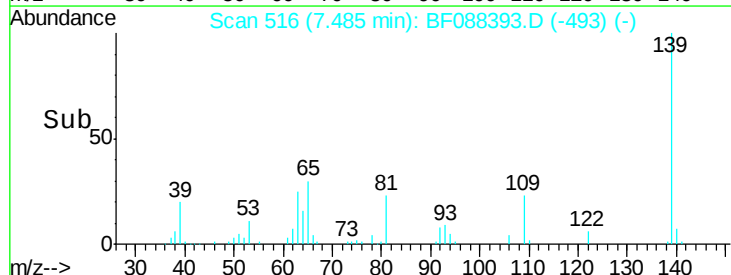
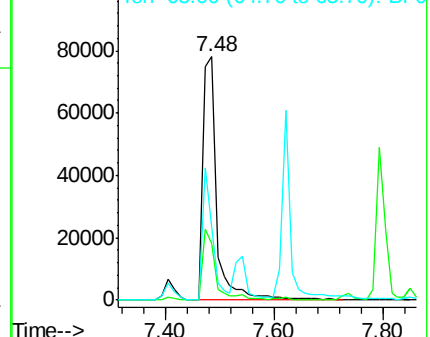
139 100

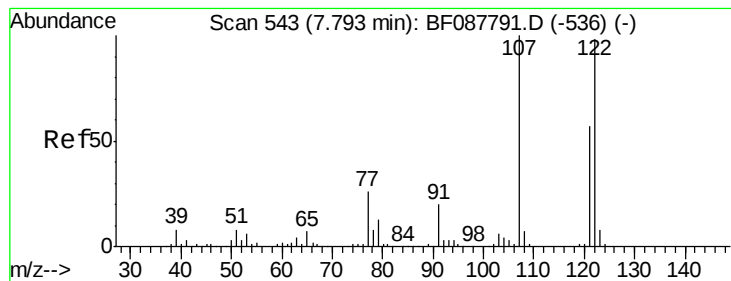
109 23.4 23.0 34.4

65 30.3 45.8 68.8#



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: 34.99 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.03 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

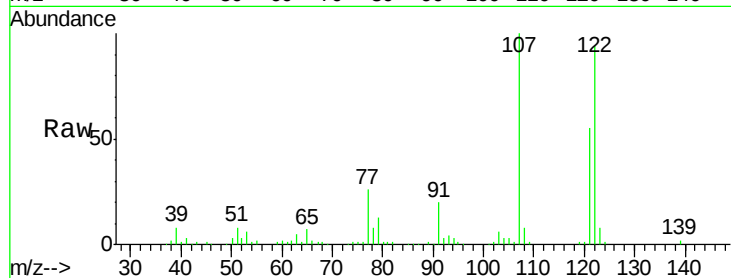
Tot Ion:122 Resp: 219807

Ion Ratio Lower Upper

122 100

107 106.2 82.4 123.6

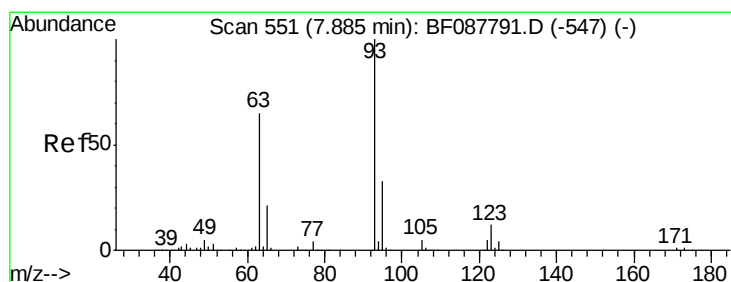
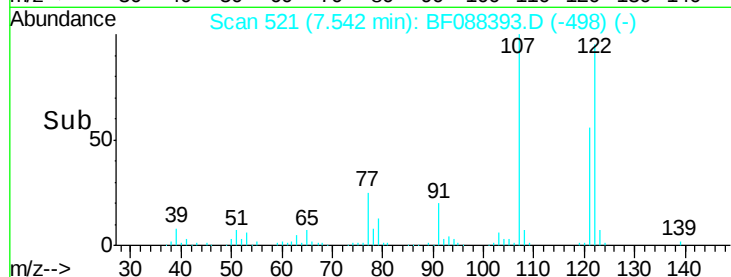
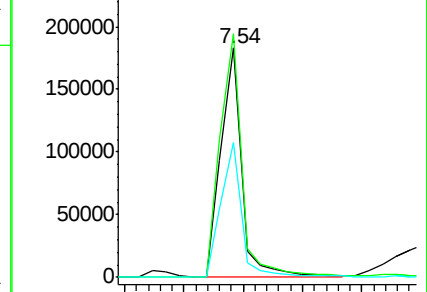
121 58.8 46.3 69.5



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: 40.86 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

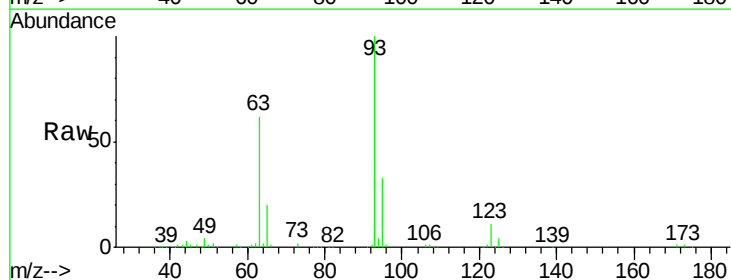
Tgt Ion: 93 Resp: 308637

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

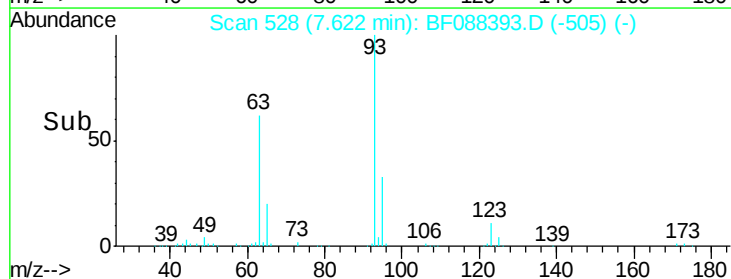
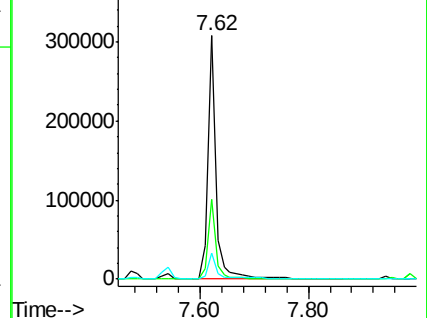
123 10.9 11.6 17.4#

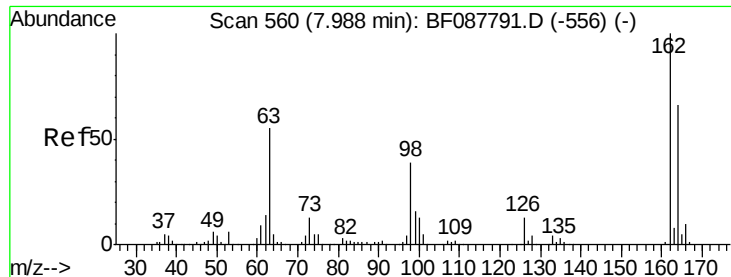


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

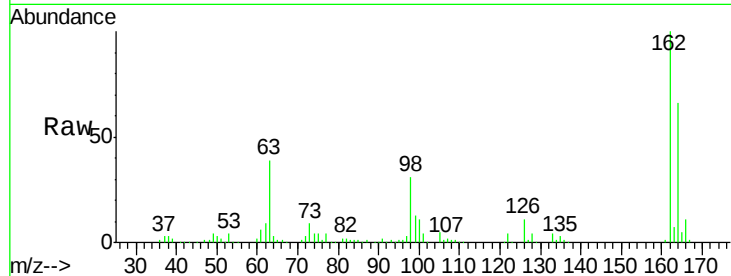




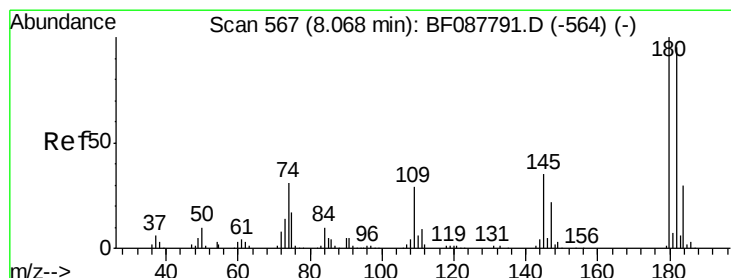
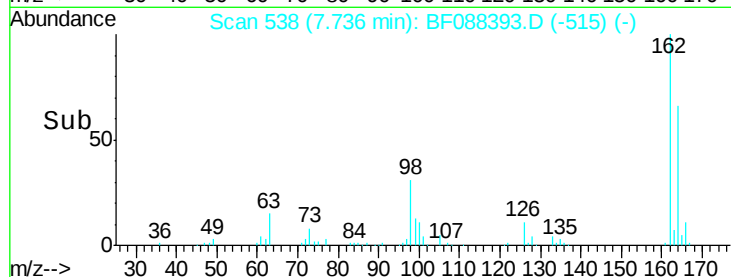
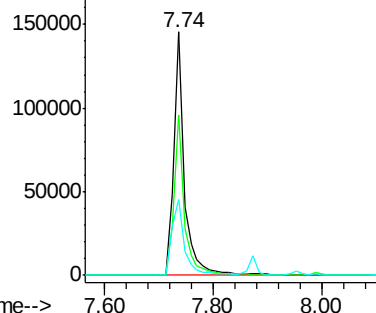
#29
 2,4-Dichlorophenol
 Concen: 37.63 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.03 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.8	83.8
98	31.2	21.3	61.3

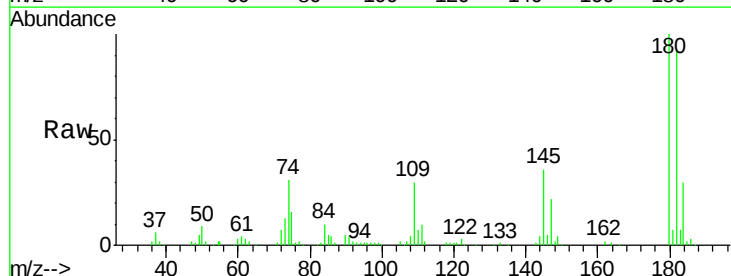


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

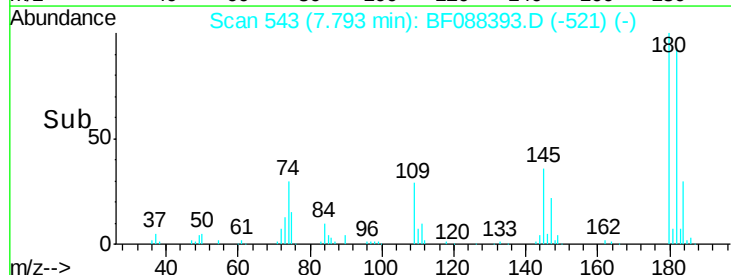
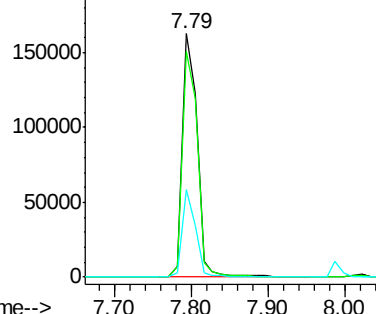


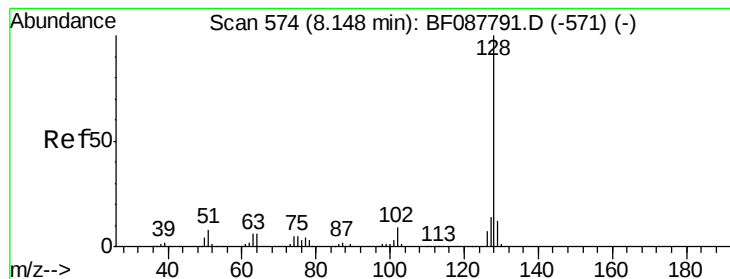
#30
 1,2,4-Trichlorobenzene
 Concen: 37.86 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.05 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	76.0	114.0
145	35.8	26.5	39.7



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: 36.65 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

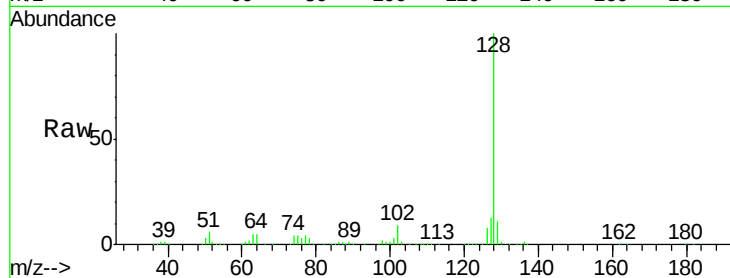
Tot Ion:128 Resp: 696411

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.2

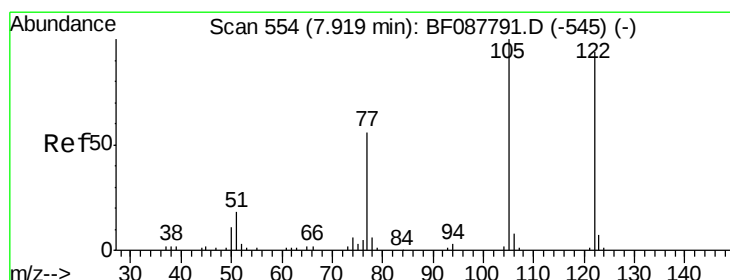
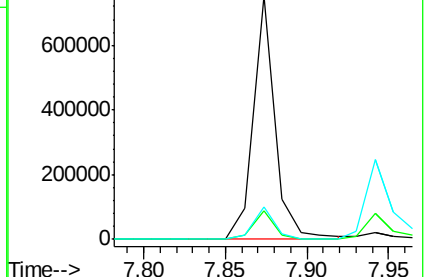
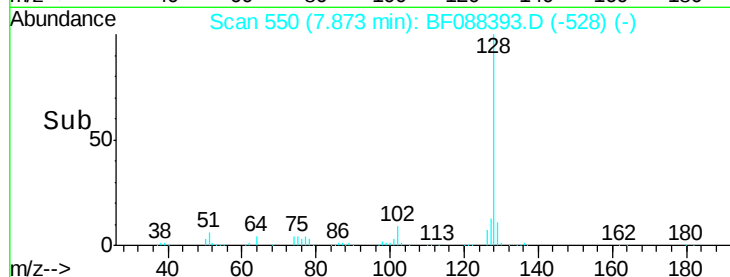
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.42 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

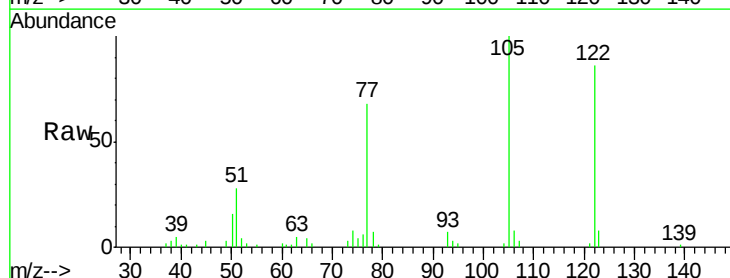
Tgt Ion:122 Resp: 98307

Ion Ratio Lower Upper

122 100

105 116.2 101.6 141.6

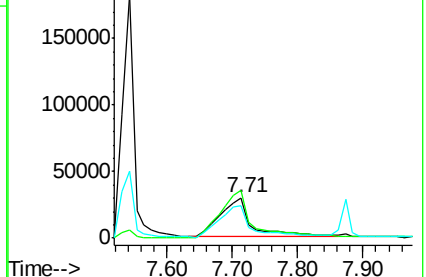
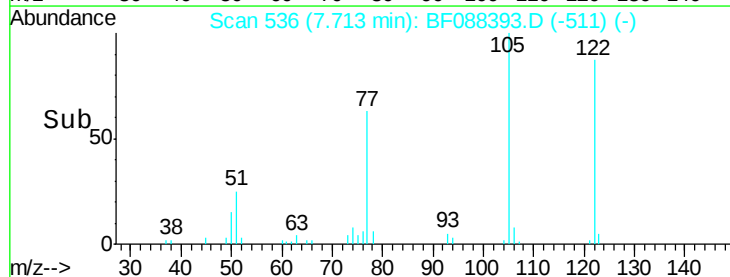
77 78.8 70.6 110.6

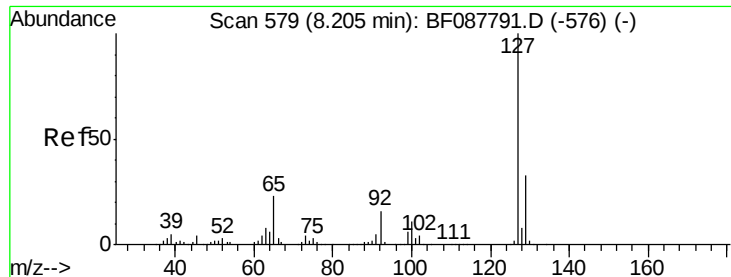


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

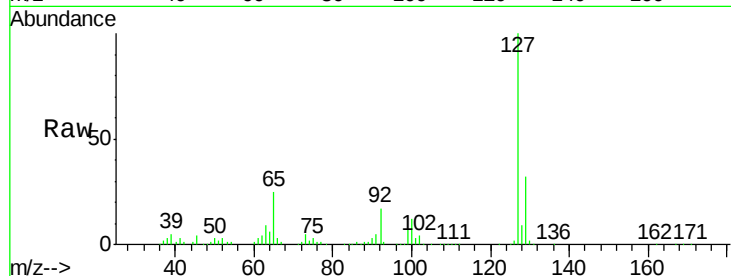




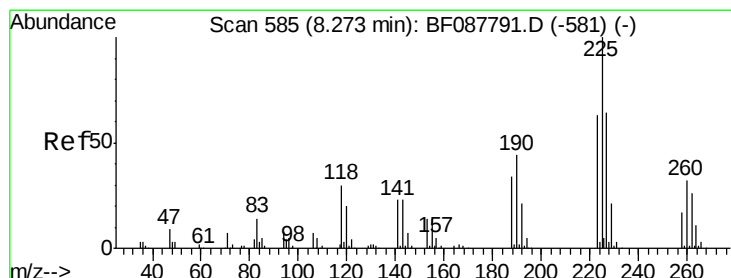
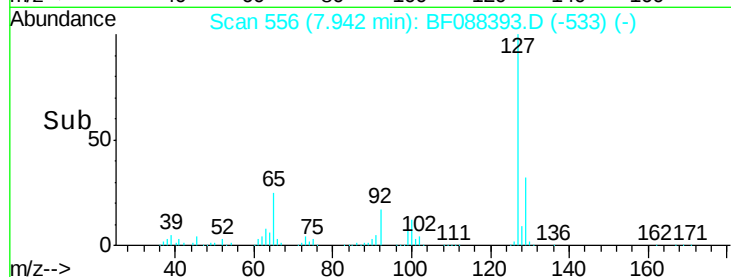
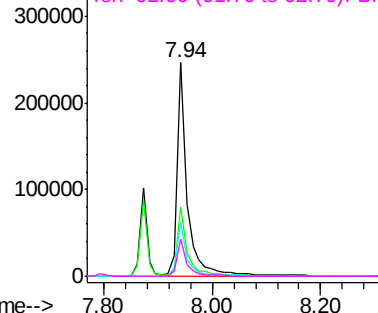
#33
4-Chloroaniline
Concen: 36.63 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.03 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	310832
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	25.4	24.7	37.1
92	17.5	15.4	23.0

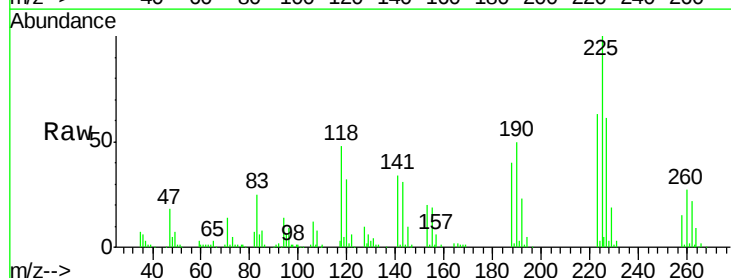


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

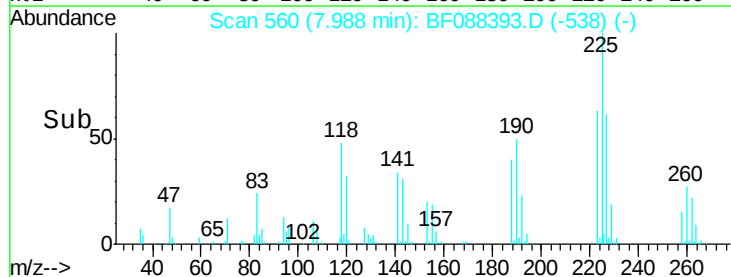
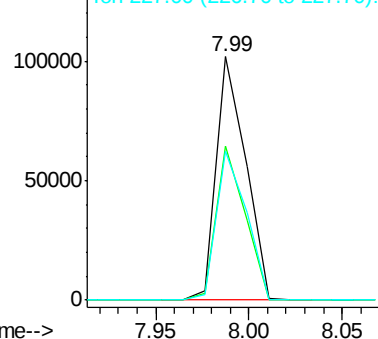


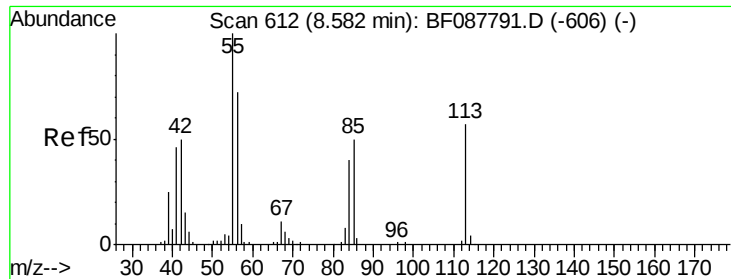
#34
Hexachlorobutadiene
Concen: 36.91 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.05 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Tgt Ion:	225	Resp:	111191
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	60.9	51.9	77.9



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

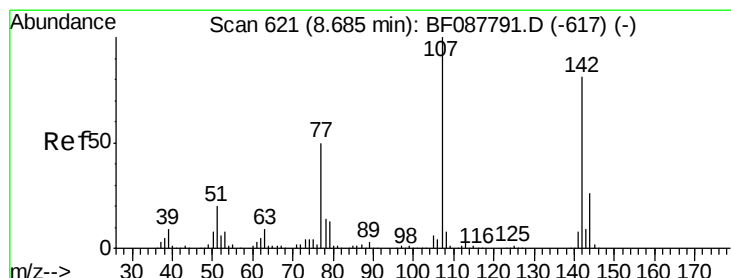
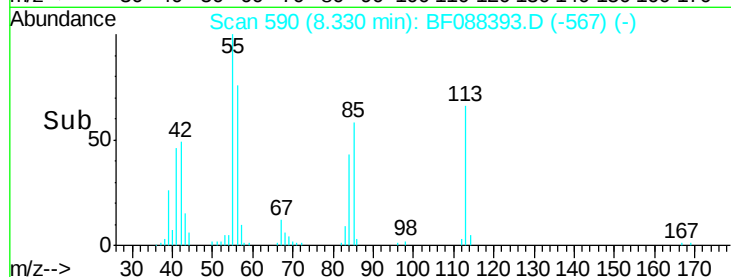
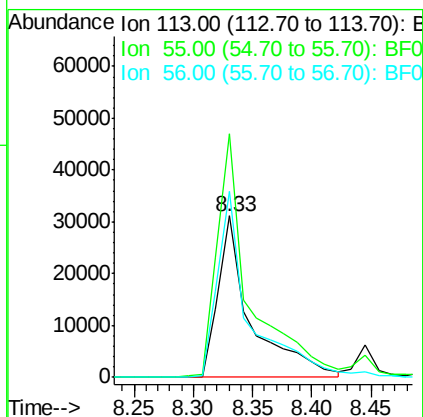
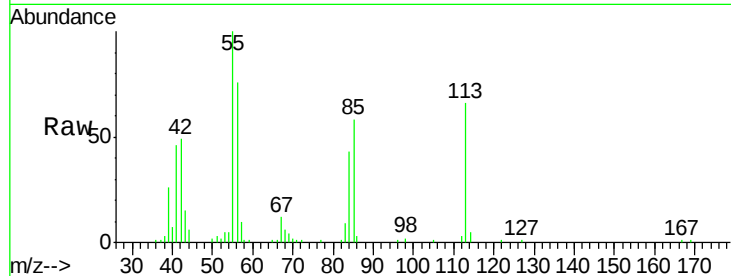




#35
Caprolactam
Concen: 34.66 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.03 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

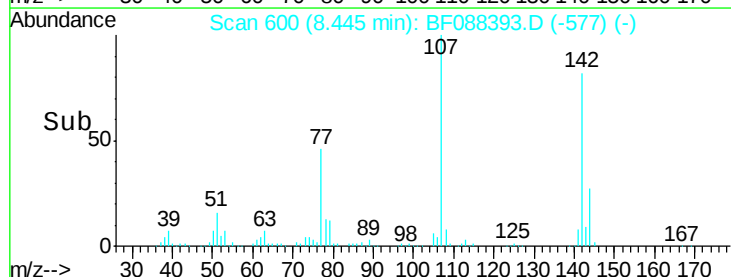
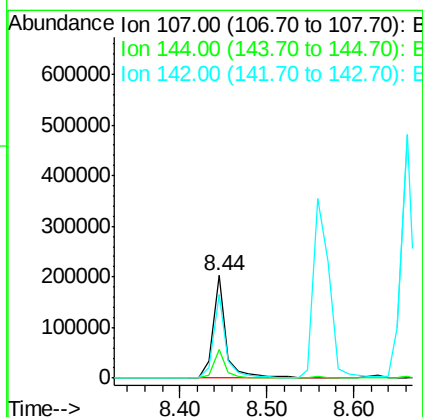
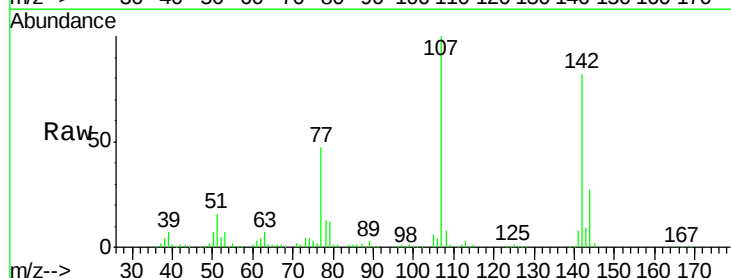
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

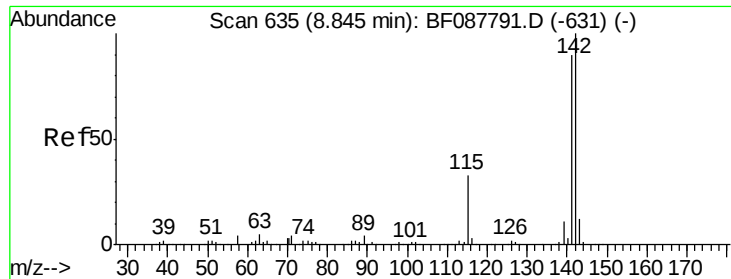
Tot Ion:113 Resp: 60218
Ion Ratio Lower Upper
113 100
55 150.9 158.6 198.6#
56 115.0 110.6 150.6



#36
4-Chloro-3-methylphenol
Concen: 38.31 ng
RT: 8.44 min Scan# 600
Delta R.T. -0.03 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Tgt Ion:107 Resp: 214911
Ion Ratio Lower Upper
107 100
144 27.4 20.8 31.2
142 81.8 63.4 95.2

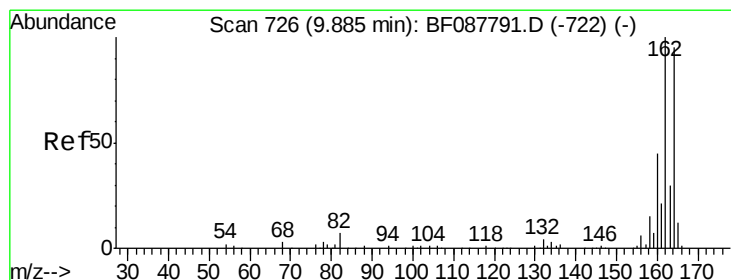
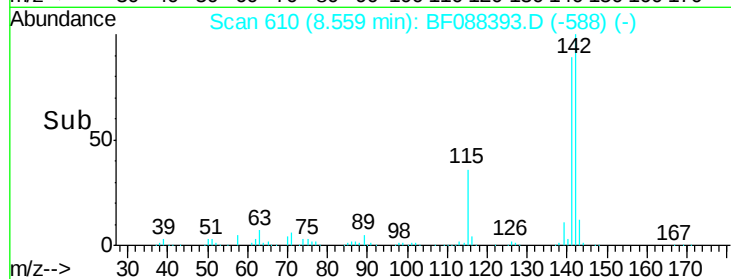
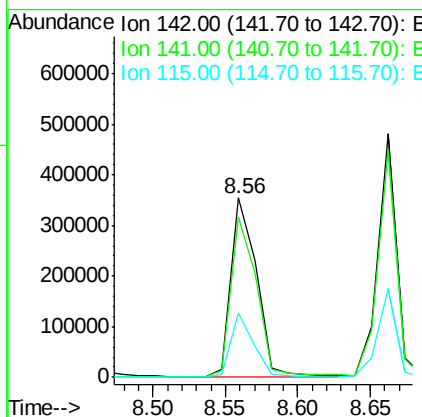
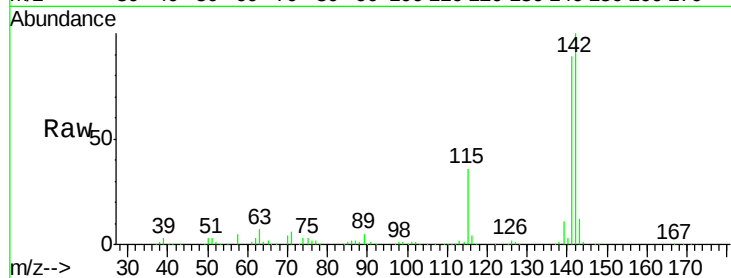




#37
 2-Methylnaphthalene
 Concen: 34.97 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

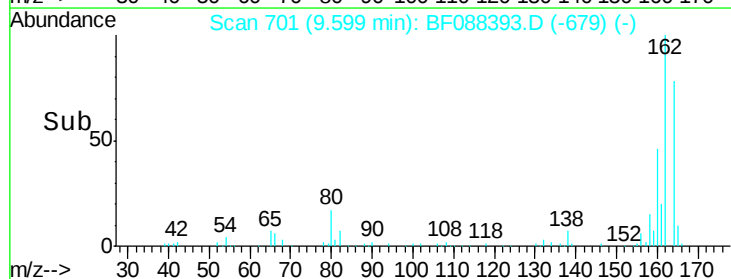
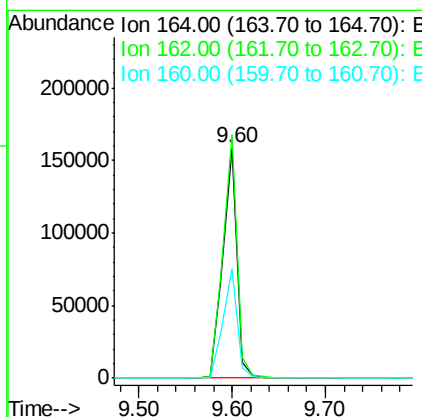
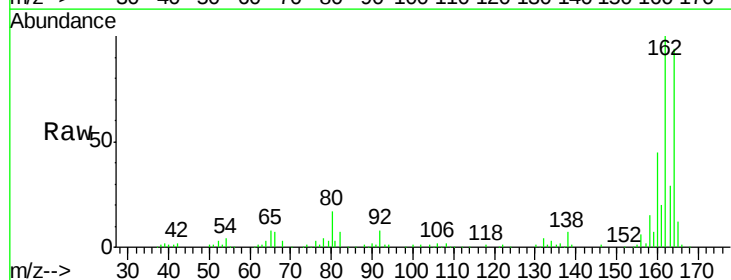
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

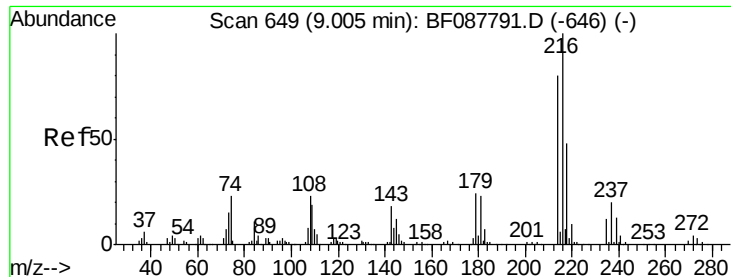
Tot Ion:142 Resp: 437951
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.0 106.6
 115 35.6 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

Tgt Ion:164 Resp: 165176
 Ion Ratio Lower Upper
 164 100
 162 106.0 85.4 128.2
 160 47.7 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.58 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 192264

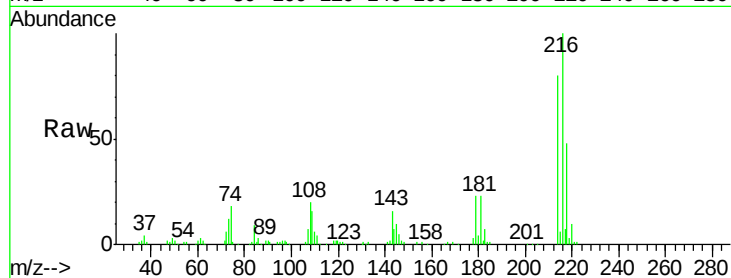
Ion Ratio Lower Upper

216 100

214 79.7 2.9 4.3#

179 22.7 0.0 0.0#

108 19.6 0.5 0.7#

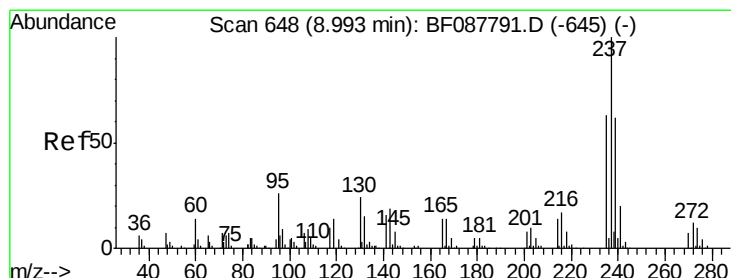
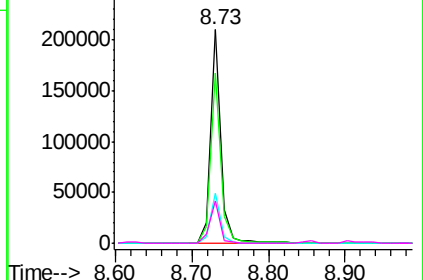
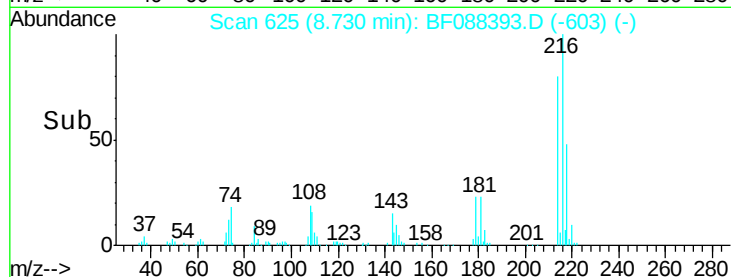


Abundance Ion 216.00 (215.70 to 216.70): E

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: 3.91 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

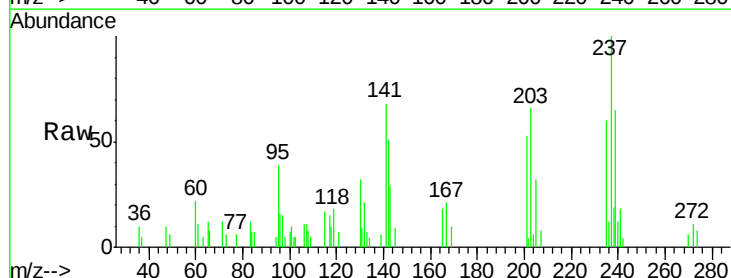
Tgt Ion:237 Resp: 10413

Ion Ratio Lower Upper

237 100

235 60.4 43.4 83.4

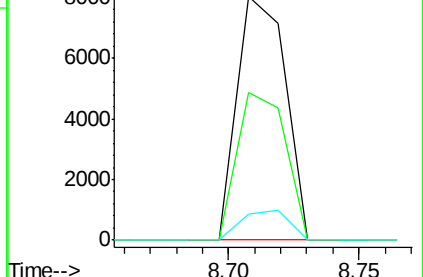
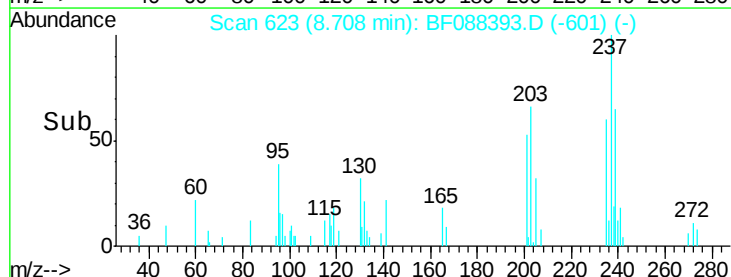
272 10.6 0.0 32.3

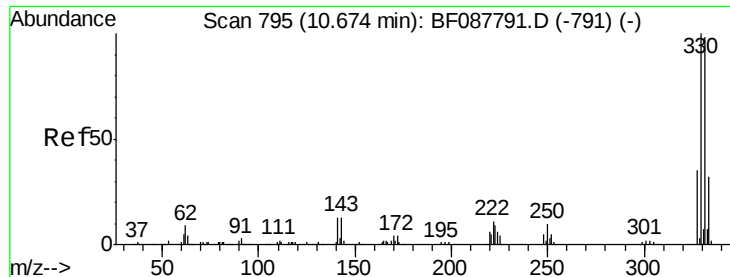


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

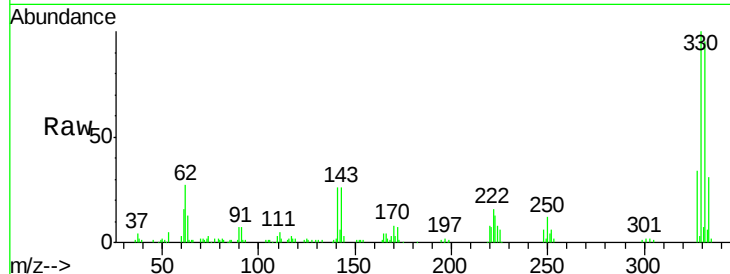




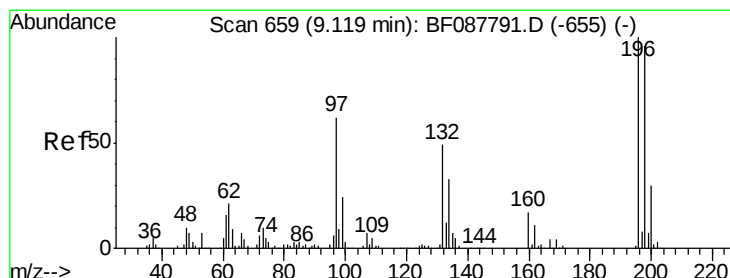
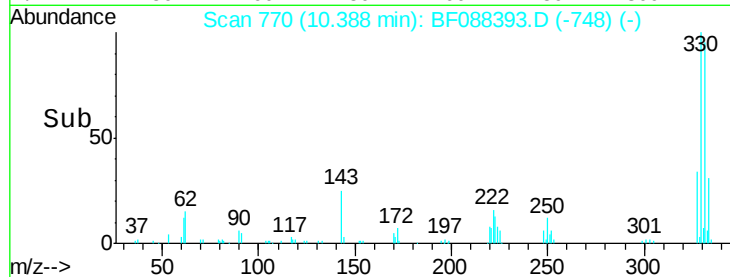
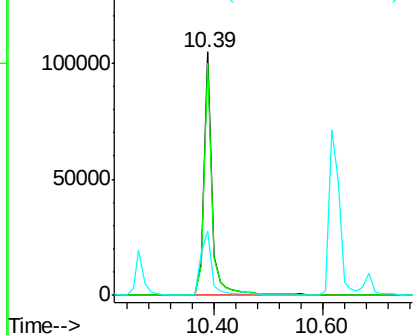
#41
 2,4,6-Tribromophenol
 Concen: 62.37 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

Tot Ion:330 Resp: 108784
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 34.6 0.0 0.0#

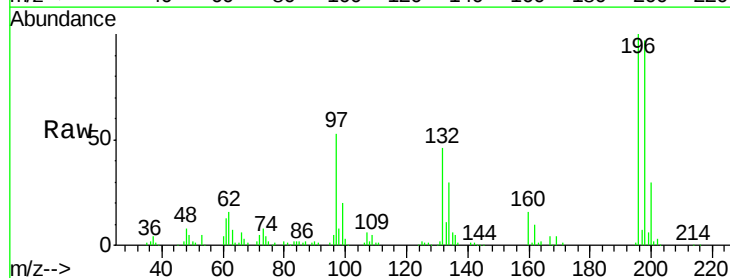


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

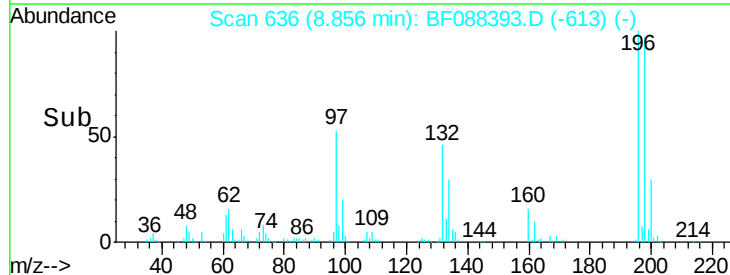
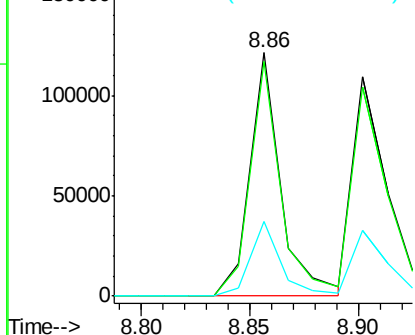


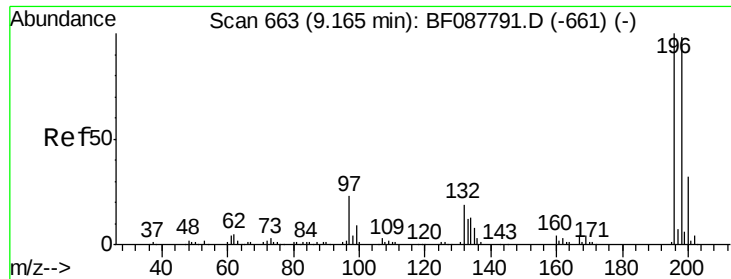
#42
 2,4,6-Trichlorophenol
 Concen: 36.39 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

Tgt Ion:196 Resp: 120211
 Ion Ratio Lower Upper
 196 100
 198 96.6 78.0 117.0
 200 30.5 25.4 38.2



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

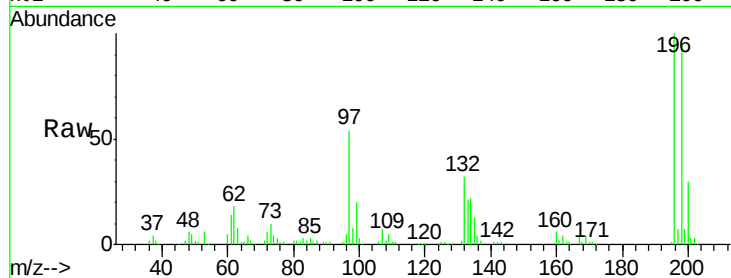




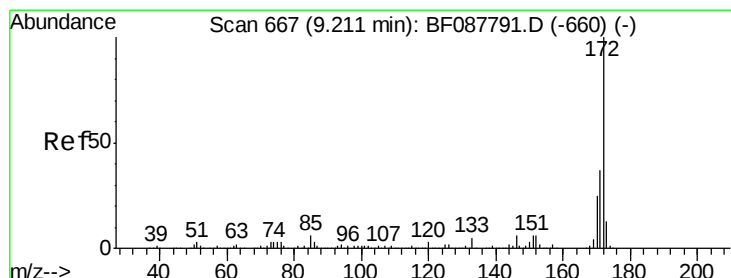
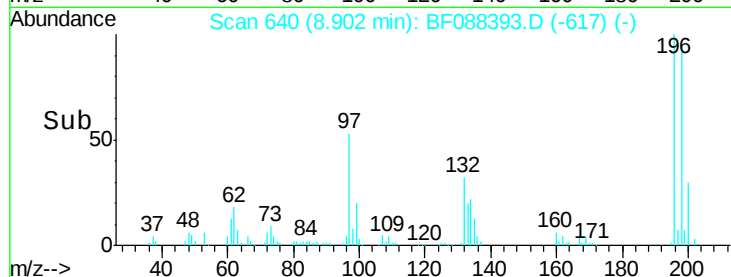
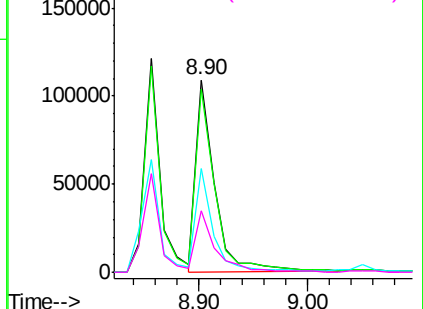
#43
2,4,5-Trichlorophenol
Concen: 38.07 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:196 Resp: 130826
Ion Ratio Lower Upper
196 100
198 95.1 77.5 116.3
97 53.7 32.0 48.0#
132 32.2 20.9 31.3#

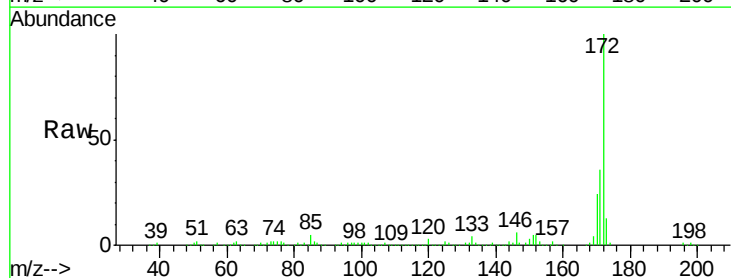


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

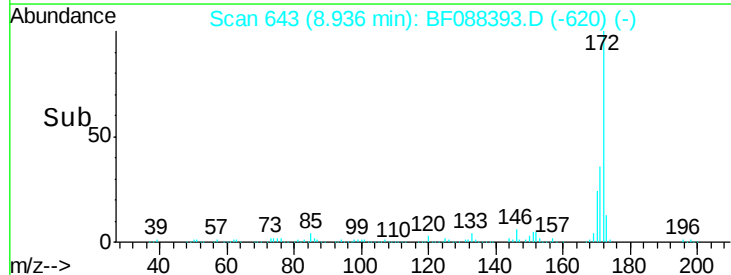
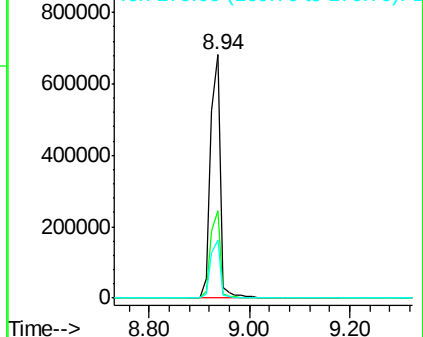


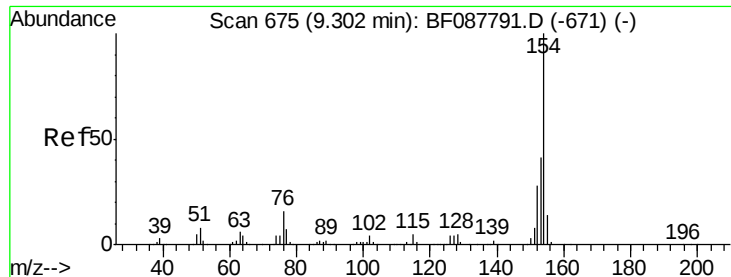
#44
2-Fluorobiphenyl
Concen: 88.38 ng
RT: 8.94 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Tgt Ion:172 Resp: 926980
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.9 19.2 28.8



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

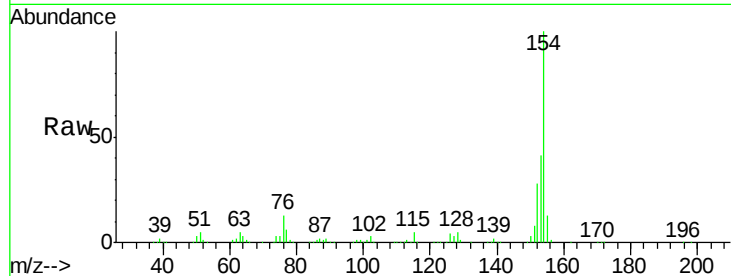




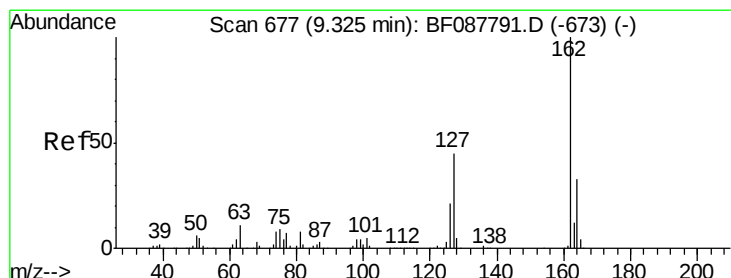
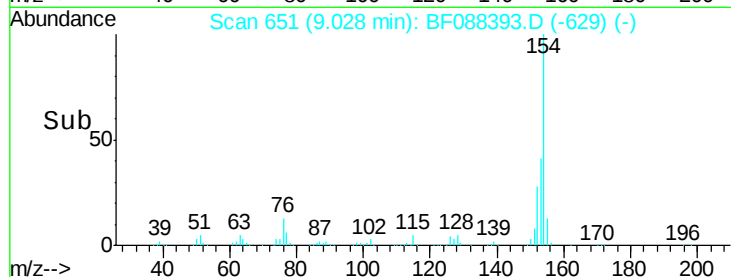
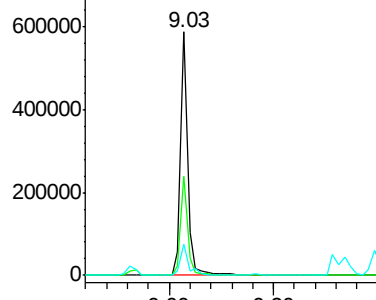
#45
 1,1'-Biphenyl
 Concen: 44.46 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.6	60.6
76	12.6	0.0	35.1

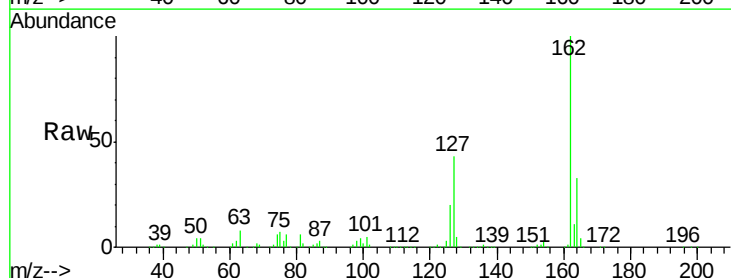


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

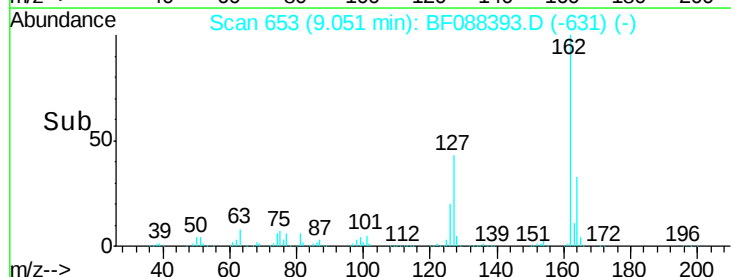
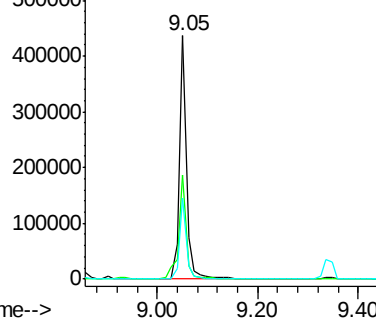


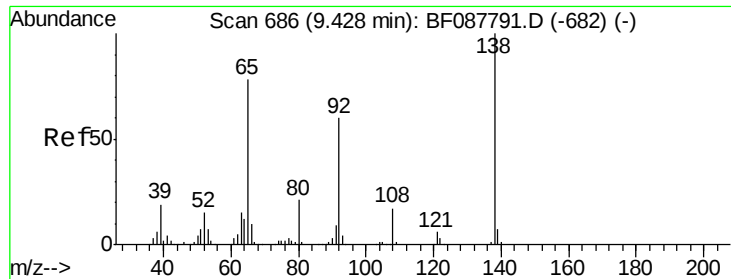
#46
 2-Chloronaphthalene
 Concen: 39.91 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.05 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.8	35.2	52.8
164	33.1	26.6	39.8



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





#47

2-Nitroaniline

Concen: 39.39 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

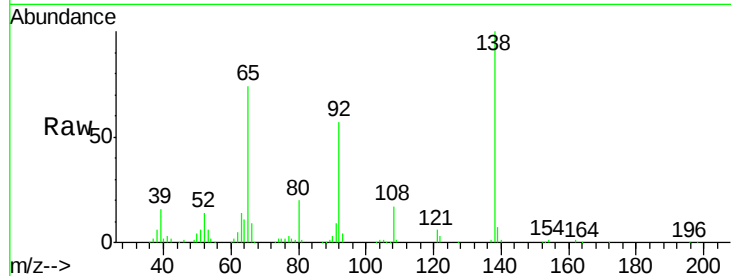
Tot Ion: 65 Resp: 124202

Ion Ratio Lower Upper

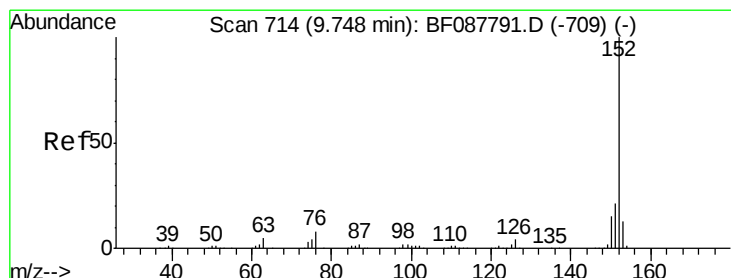
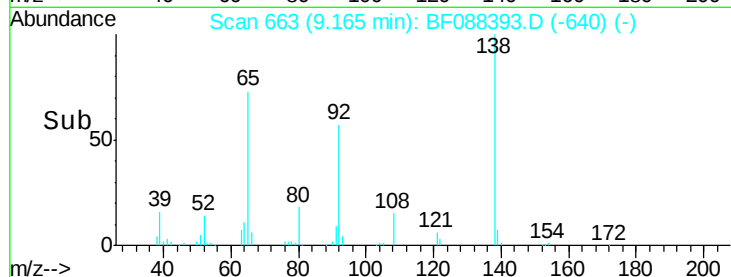
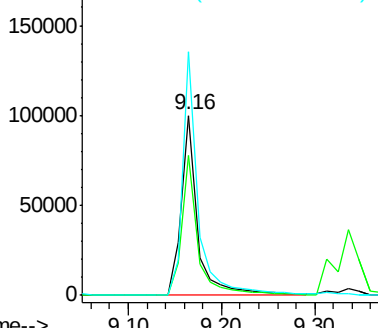
65 100

92 77.6 54.6 82.0

138 135.3 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 37.58 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

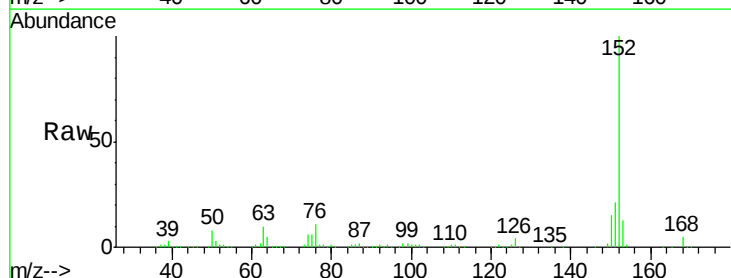
Tgt Ion: 152 Resp: 638952

Ion Ratio Lower Upper

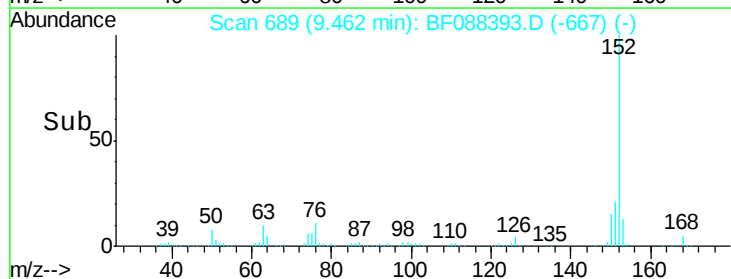
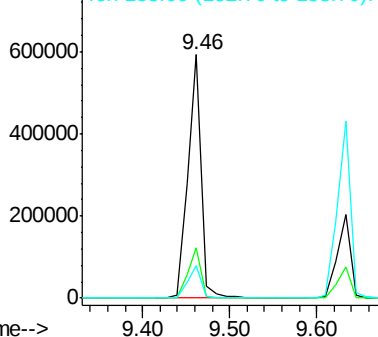
152 100

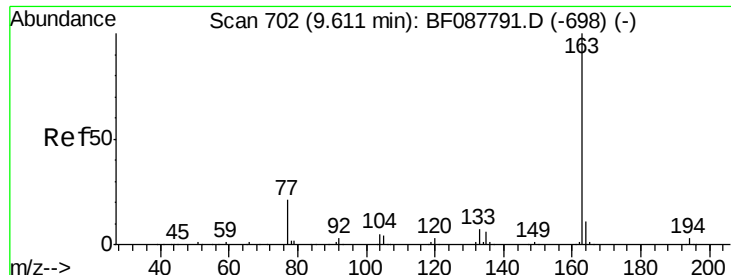
151 20.6 16.2 24.4

153 13.1 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

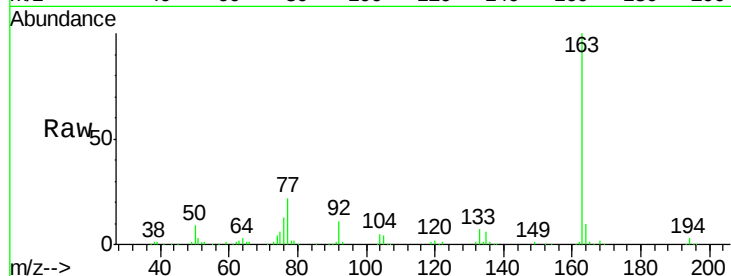




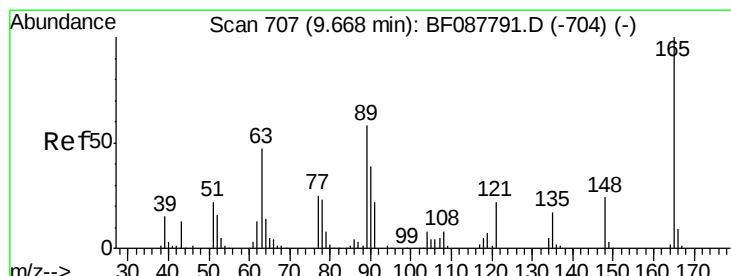
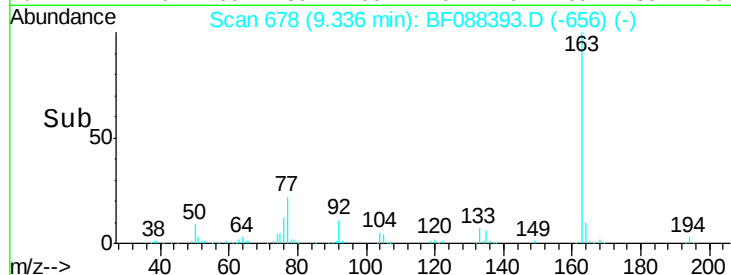
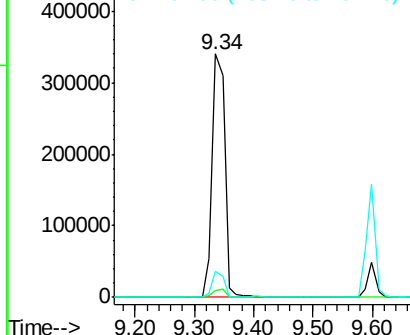
#49
Dimethylphthalate
Concen: 42.31 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 506252
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.5 8.3 12.5

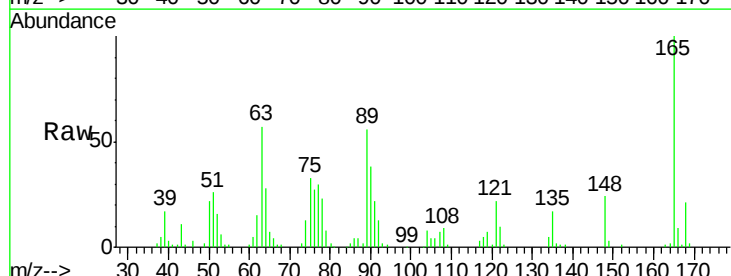


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

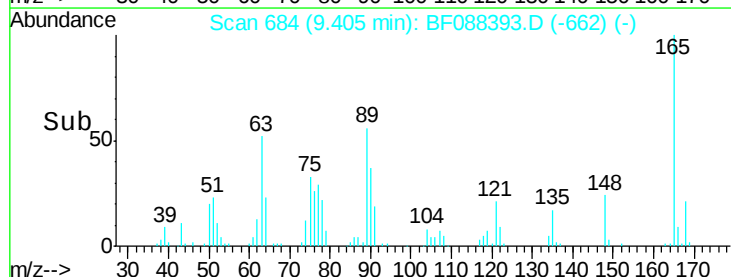
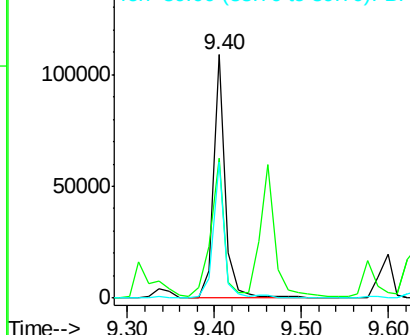


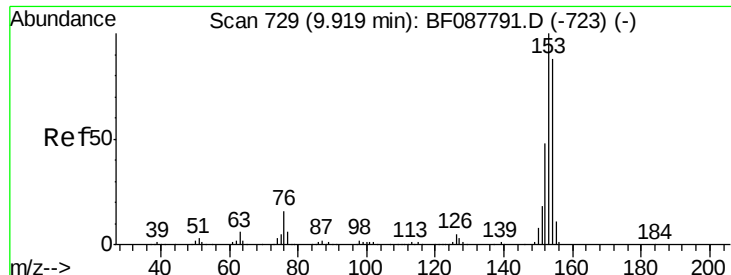
#50
2,6-Dinitrotoluene
Concen: 37.89 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Tgt Ion:165 Resp: 103838
Ion Ratio Lower Upper
165 100
63 57.4 28.1 42.1#
89 56.1 32.2 48.2#



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





#51

Acenaphthene

Concen: 36.73 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

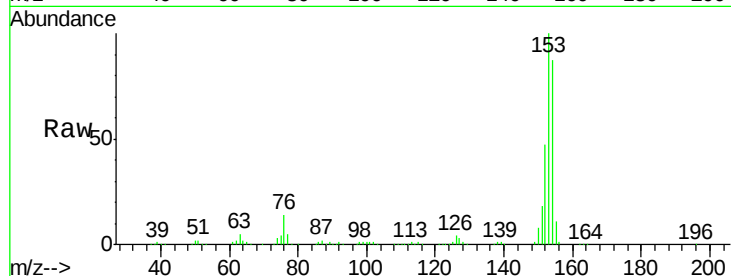
Tot Ion:154 Resp: 389585

Ion Ratio Lower Upper

154 100

153 114.5 89.5 134.3

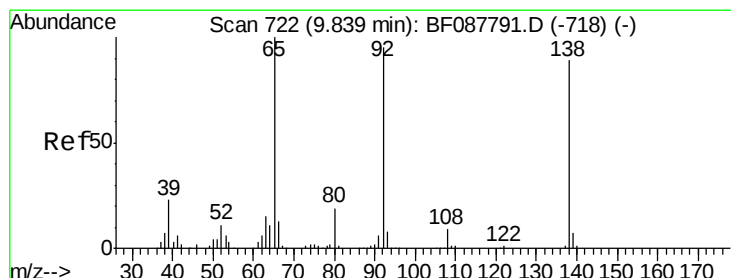
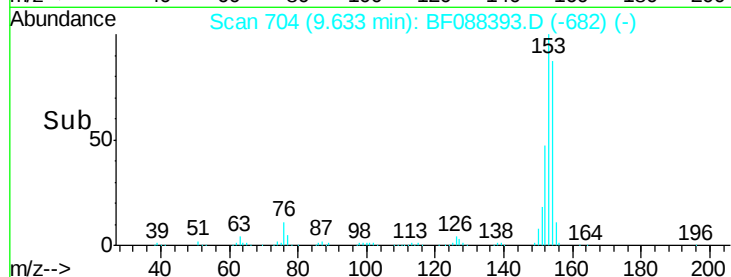
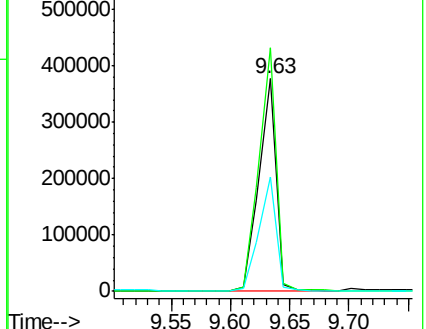
152 53.9 42.7 64.1



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: 39.19 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

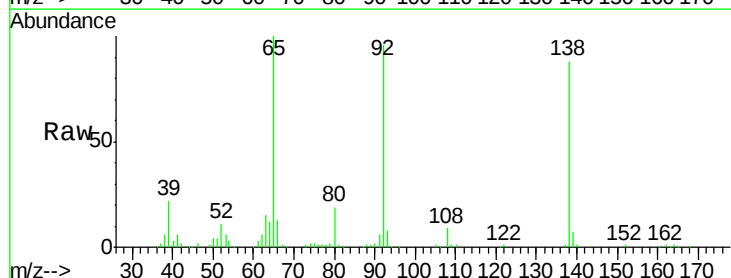
Tgt Ion:138 Resp: 123902

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

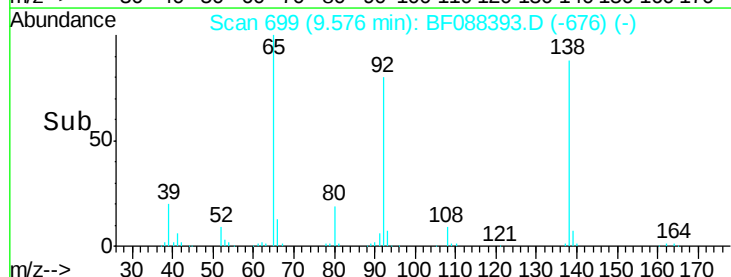
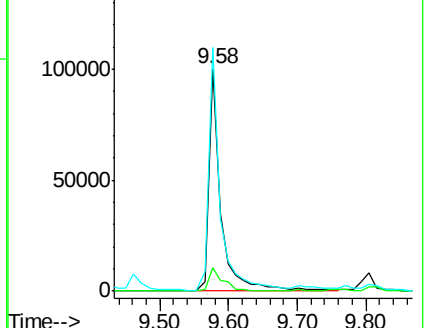
92 109.5 95.7 143.5

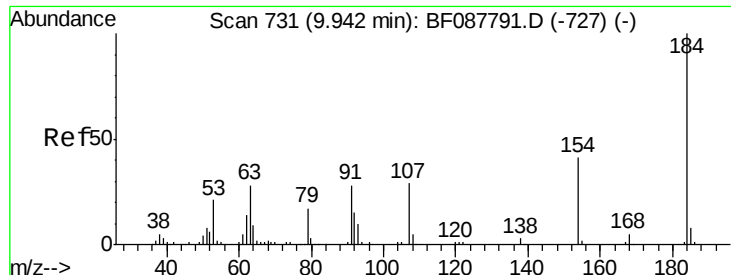


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

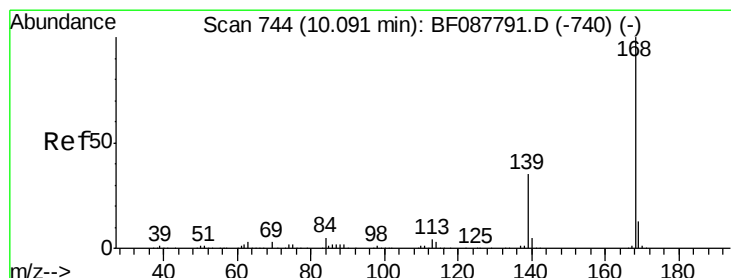
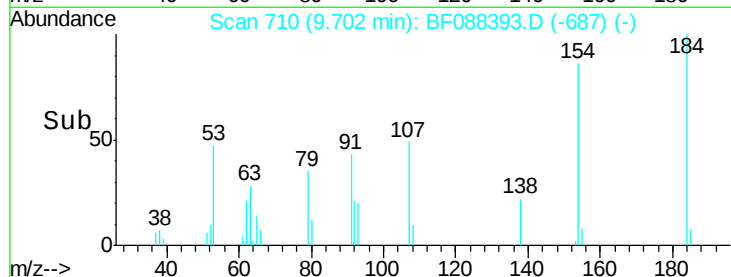
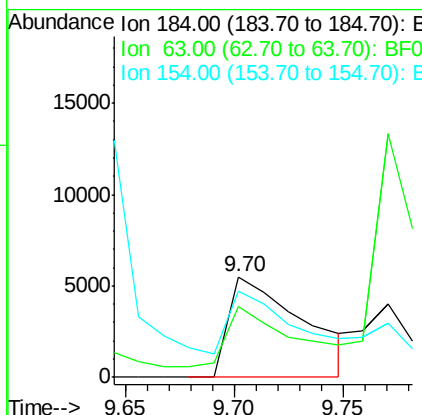
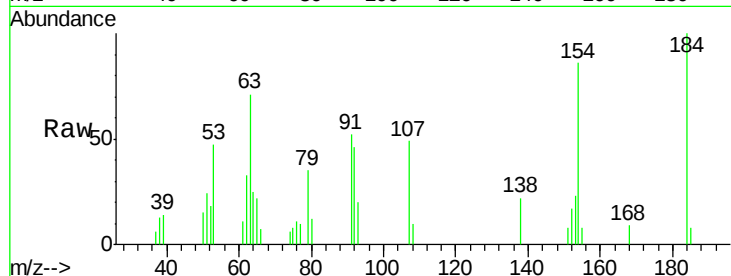




#53
2,4-Dinitrophenol
Concen: 13.32 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.03 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

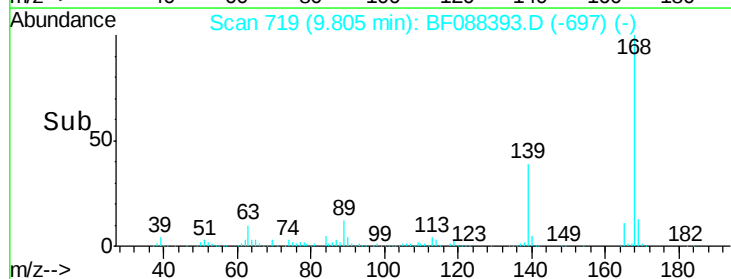
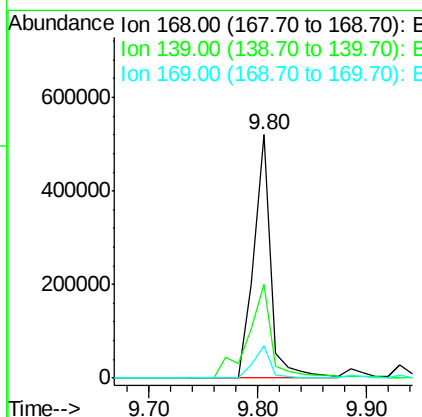
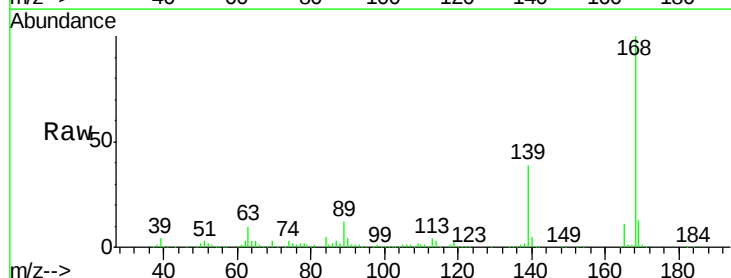
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

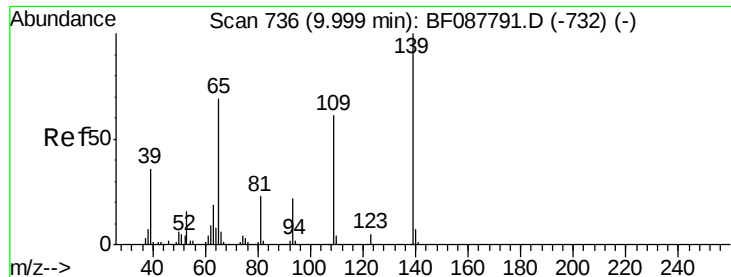
Tot Ion:184 Resp: 13020
Ion Ratio Lower Upper
184 100
63 70.6 57.6 86.4
154 85.9 53.5 80.3#



#54
Dibenzofuran
Concen: 38.97 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Tgt Ion:168 Resp: 569218
Ion Ratio Lower Upper
168 100
139 38.8 26.4 39.6
169 13.3 10.4 15.6





#55

4-Nitrophenol

Concen: 21.21 ng/mL

RT: 9.77 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

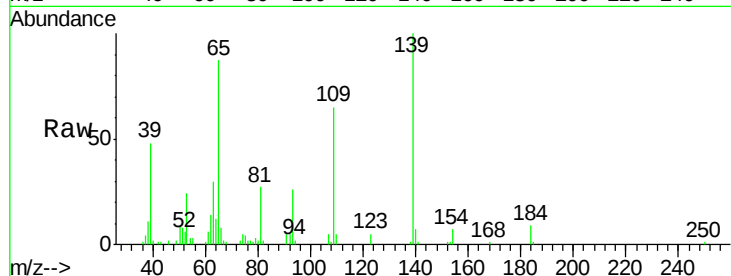
Tot Ion:139 Resp: 52050

Ion Ratio Lower Upper

139 100

109 64.6 48.9 88.9

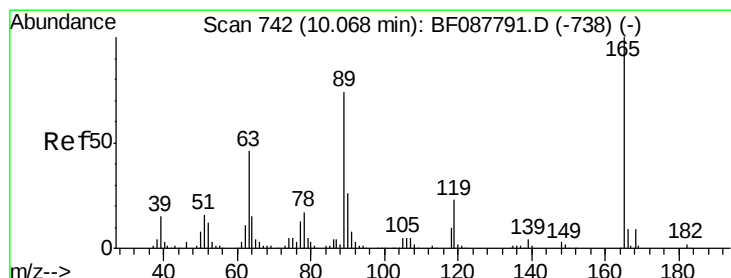
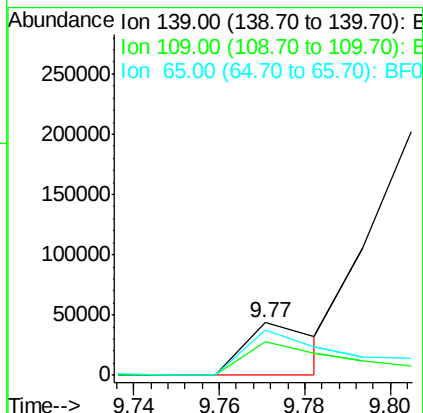
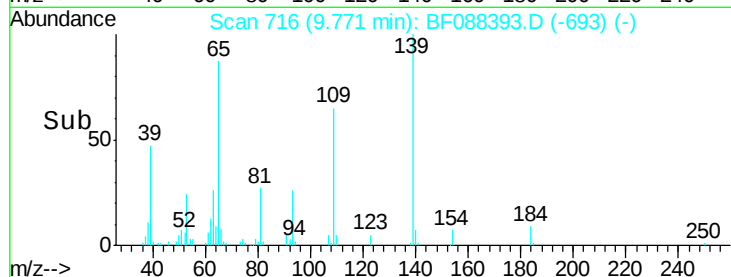
65 86.6 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.69 ng/mL

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Tgt Ion:165 Resp: 129187

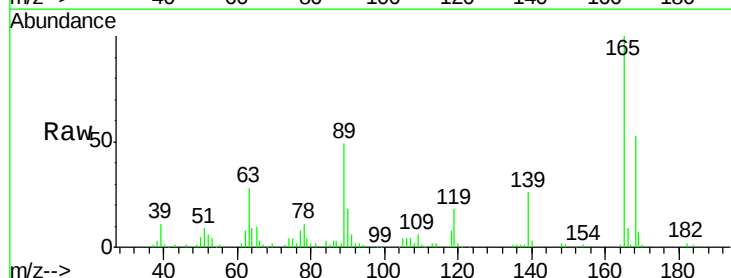
Ion Ratio Lower Upper

165 100

63 28.0 22.0 33.0

89 49.2 41.1 61.7

182 2.4 2.0 3.0

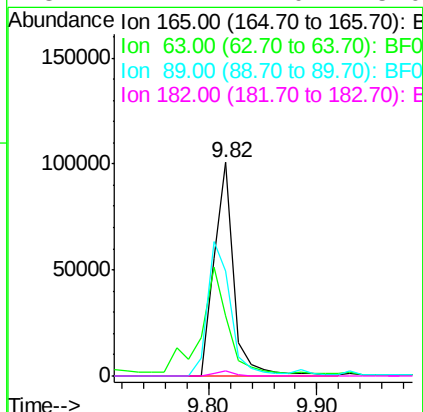
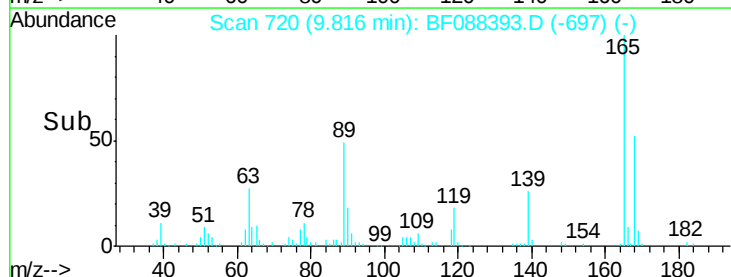


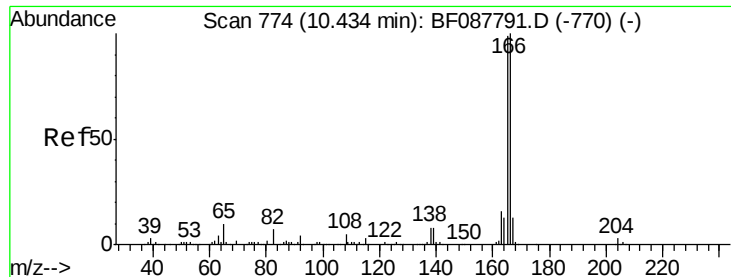
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

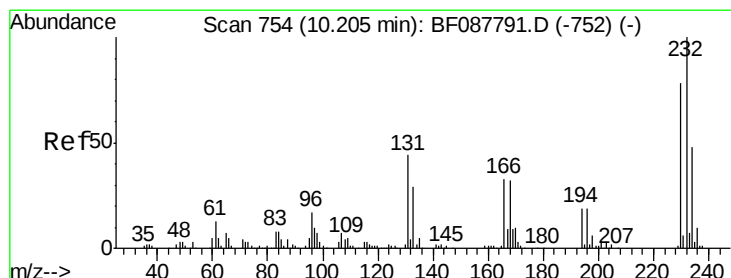
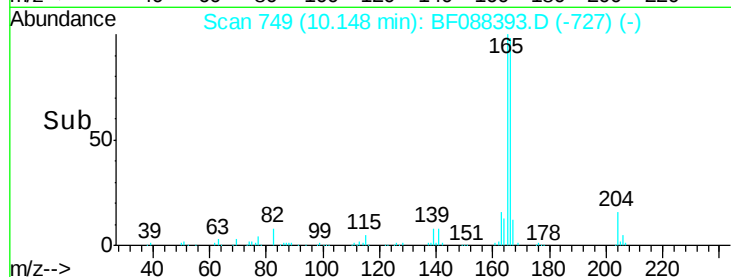
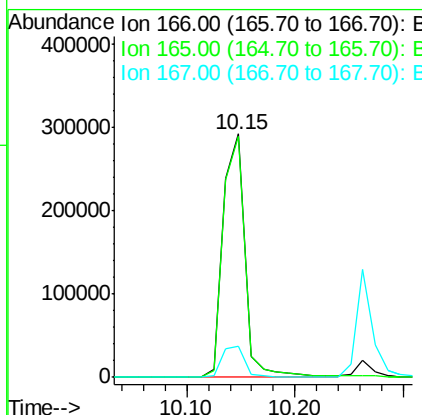
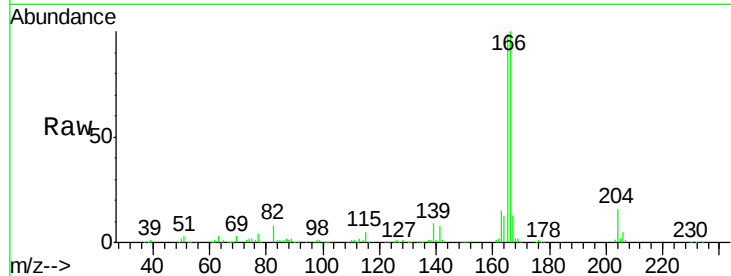




#57
 Fluorene
 Concen: 40.81 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.05 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

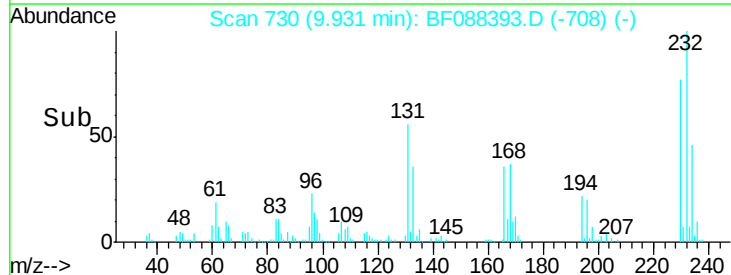
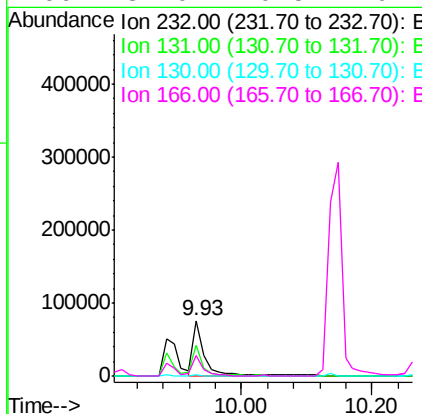
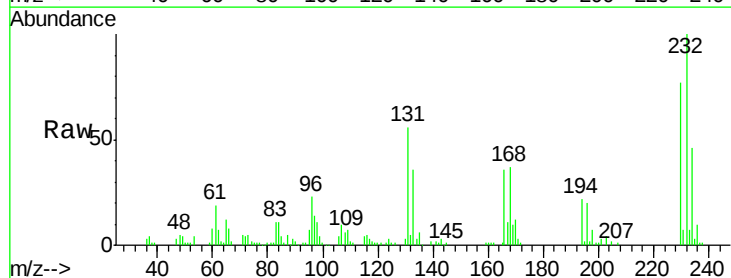
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

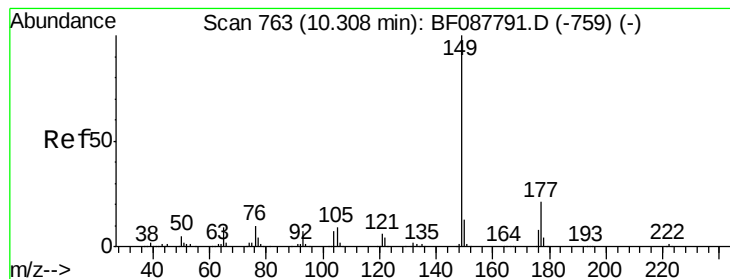
Tot Ion:166 Resp: 407290
 Ion Ratio Lower Upper
 166 100
 165 99.1 77.8 116.8
 167 12.8 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.35 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.05 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

Tgt Ion:232 Resp: 92772
 Ion Ratio Lower Upper
 232 100
 131 51.6 0.9 1.3#
 130 2.1 1.5 2.3
 166 31.0 0.5 0.7#





#59

Diethylphthalate

Concen: 39.64 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

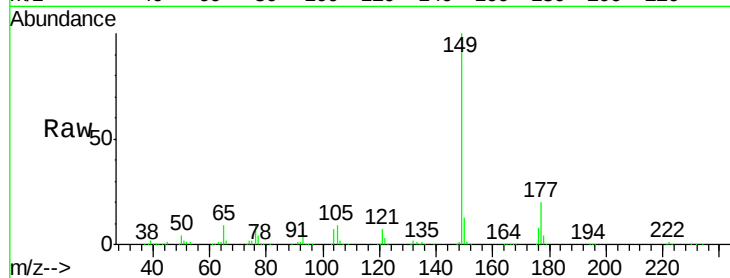
Tot Ion:149 Resp: 480044

Ion Ratio Lower Upper

149 100

177 20.2 16.9 25.3

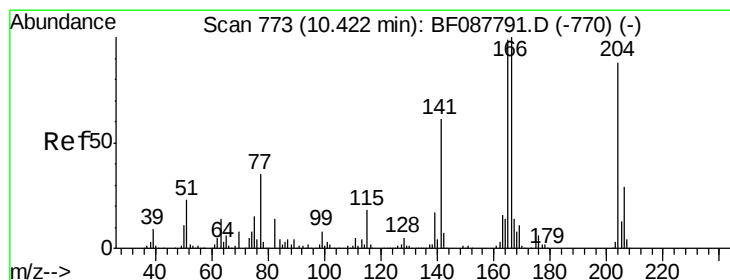
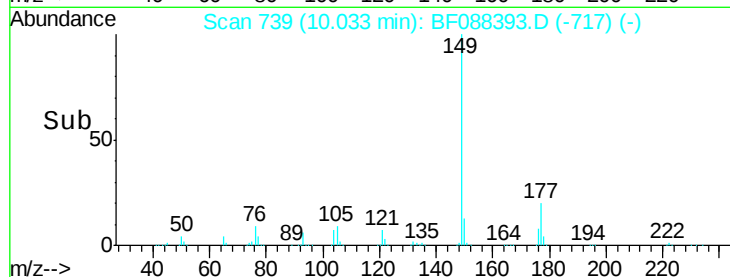
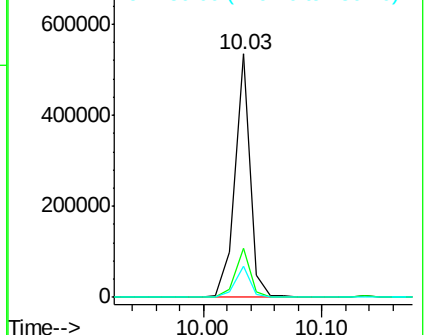
150 12.6 10.1 15.1



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: 36.45 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

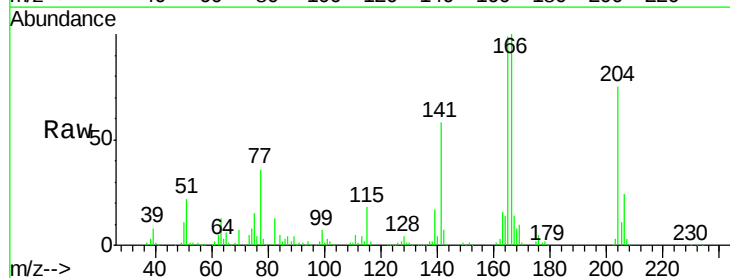
Tgt Ion:204 Resp: 177046

Ion Ratio Lower Upper

204 100

206 32.7 26.3 39.5

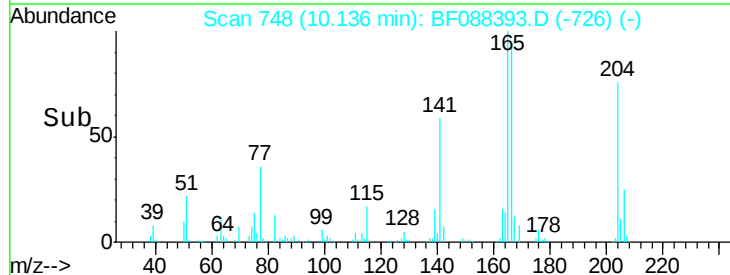
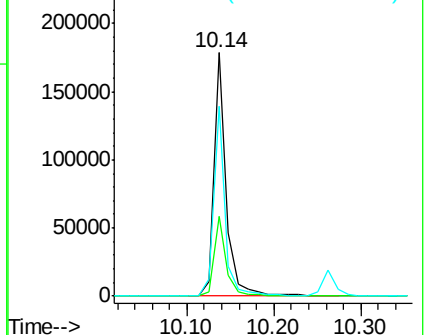
141 77.9 55.0 82.6

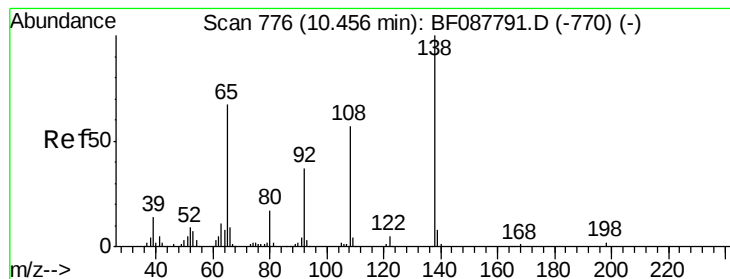


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.37 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

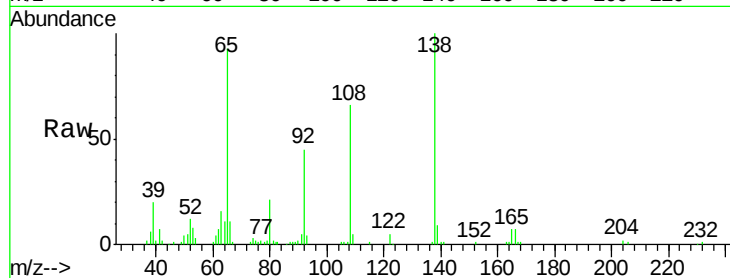
Tot Ion:138 Resp: 112093

Ion Ratio Lower Upper

138 100

92 44.8 27.3 67.3

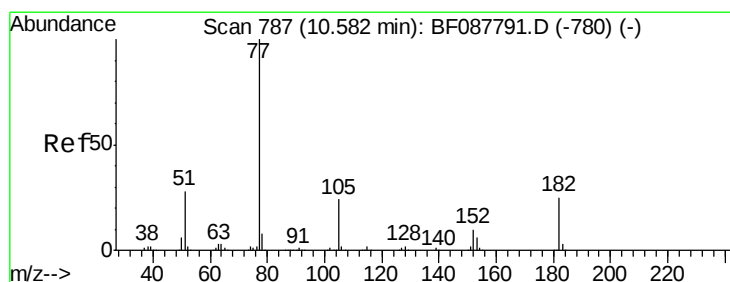
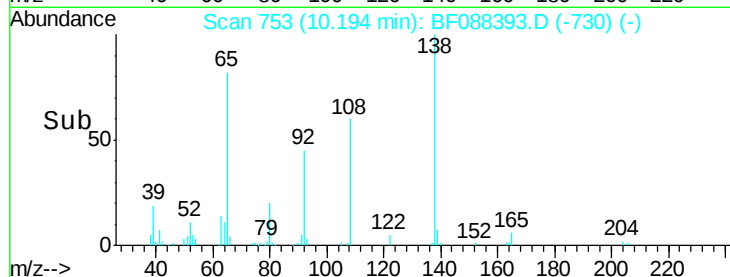
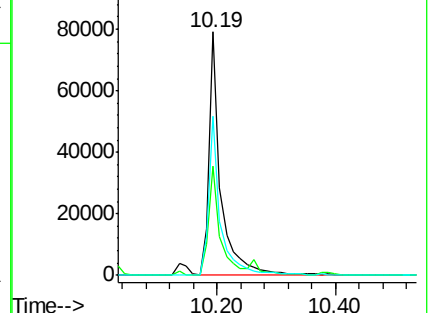
108 65.6 46.7 86.7



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: 38.12 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Tgt Ion: 77 Resp: 456608

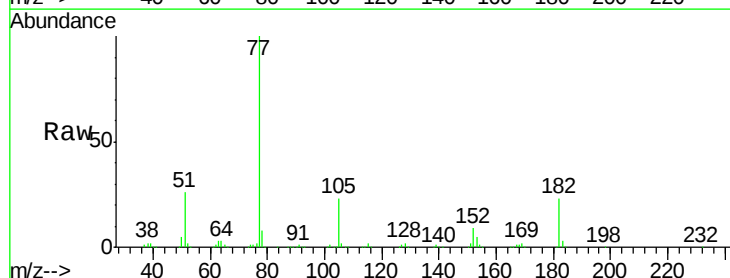
Ion Ratio Lower Upper

77 100

182 22.5 4.4 44.4

105 23.3 3.8 43.8

51 25.9 9.3 49.3

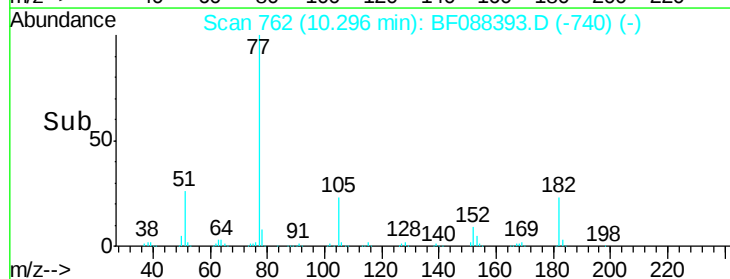
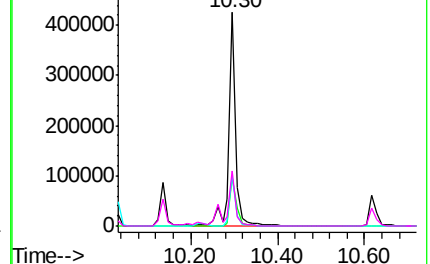


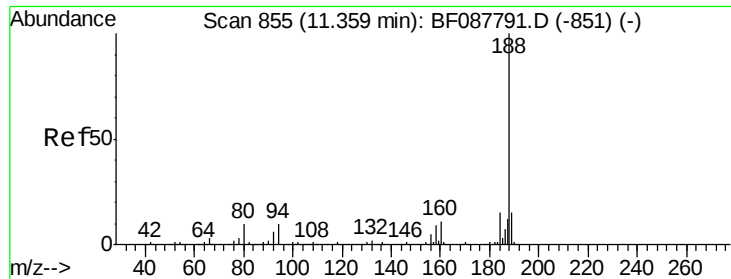
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

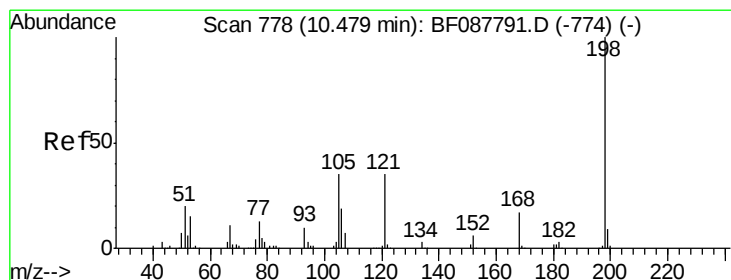
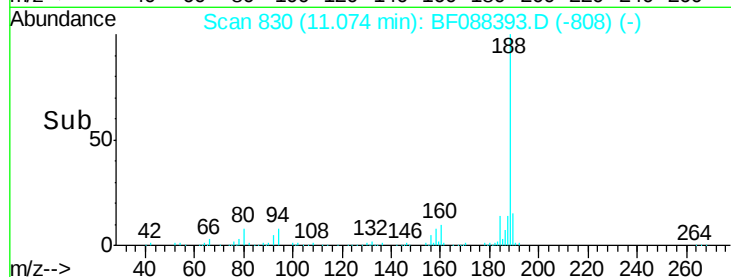
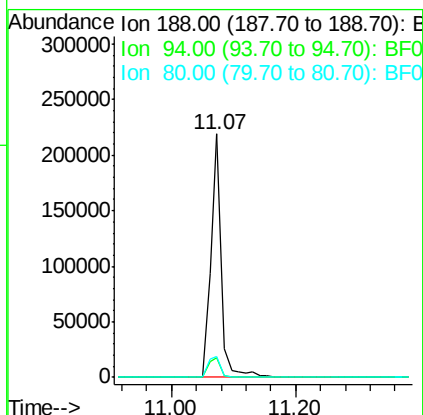
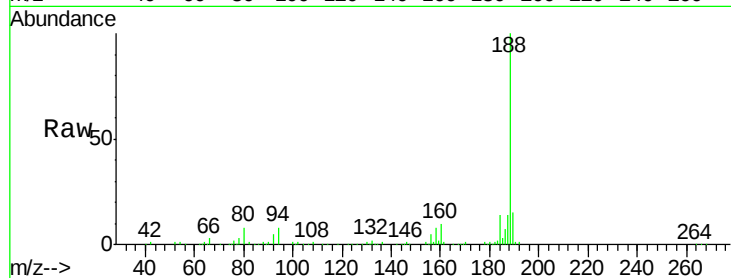




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

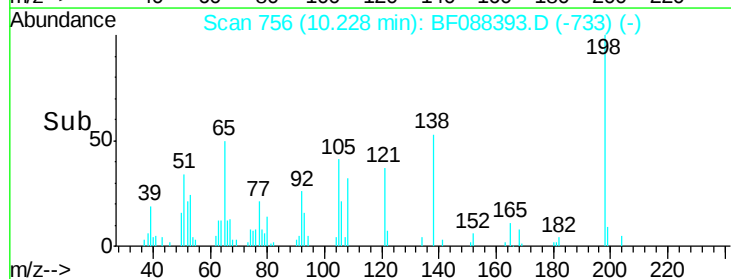
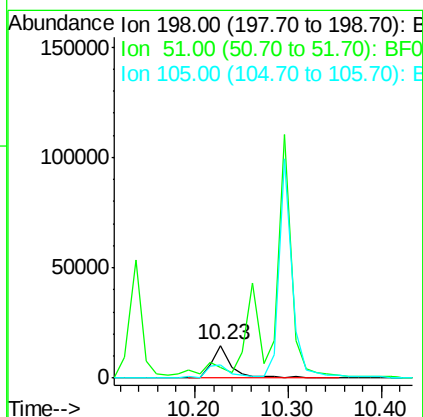
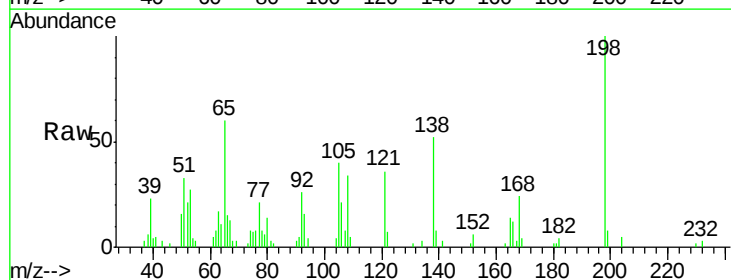
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

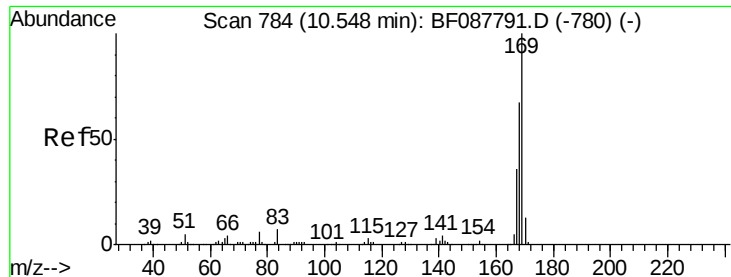
Tot Ion:188 Resp: 251272
Ion Ratio Lower Upper
188 100
94 8.3 9.0 13.6#
80 8.3 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 15.49 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.03 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Tgt Ion:198 Resp: 21892
Ion Ratio Lower Upper
198 100
51 33.4 39.6 79.6#
105 40.0 36.6 76.6





#65

n-Nitrosodiphenylamine

Concen: 45.10 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

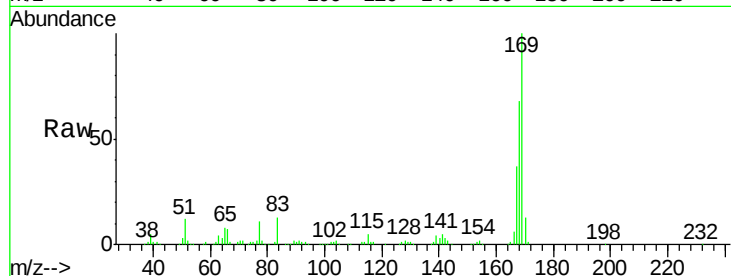
Tot Ion:169 Resp: 376018

Ion Ratio Lower Upper

169 100

168 67.9 53.4 80.0

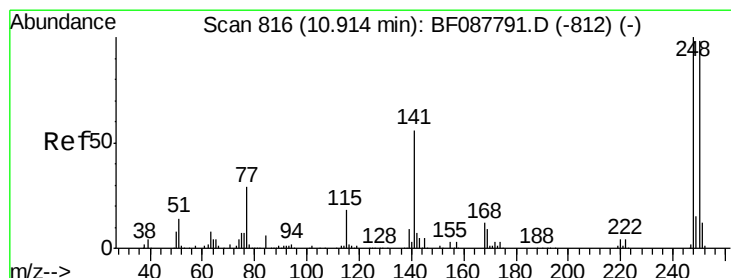
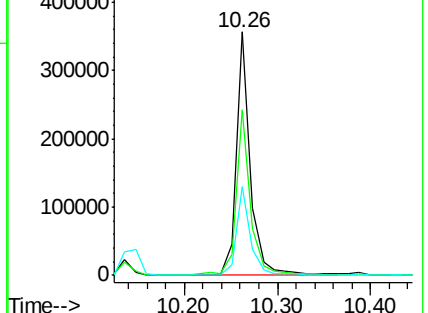
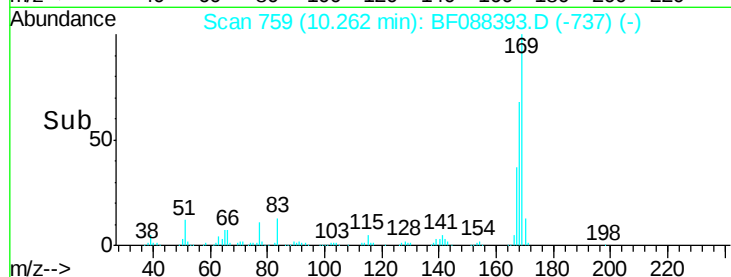
167 36.5 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.97 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

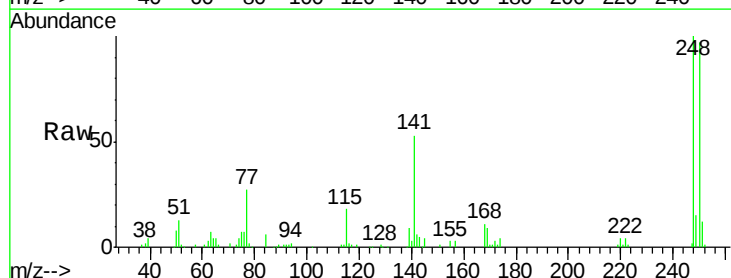
Tgt Ion:248 Resp: 118528

Ion Ratio Lower Upper

248 100

250 97.2 77.1 115.7

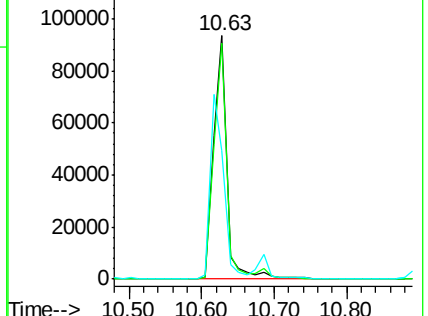
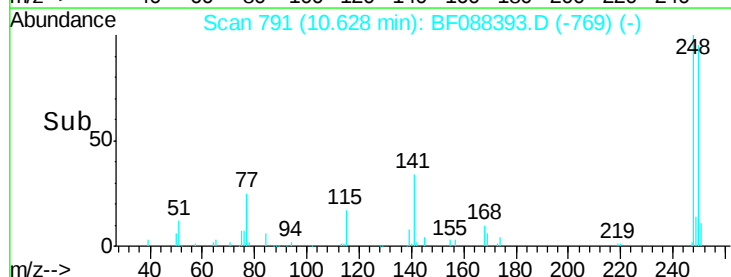
141 52.9 50.6 76.0

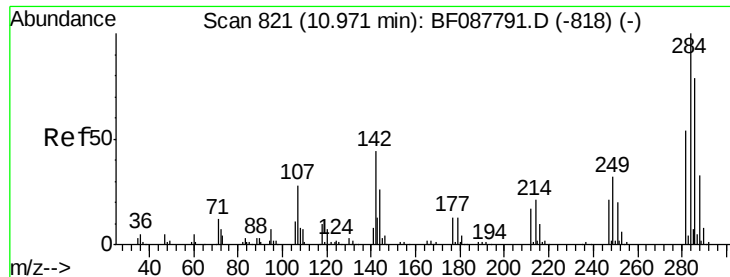


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

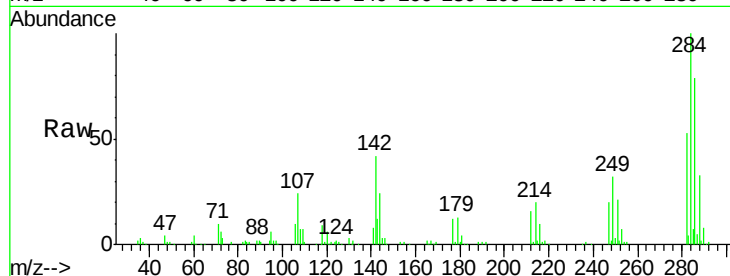




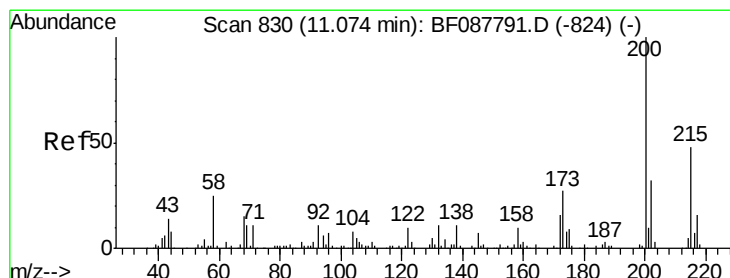
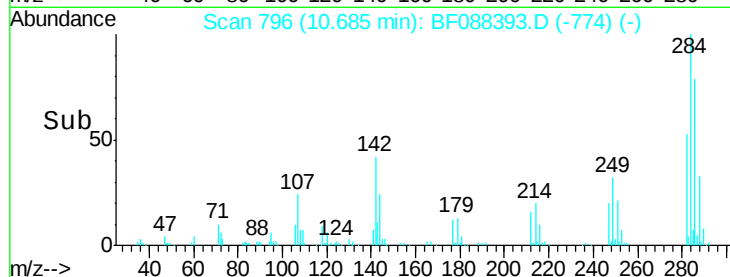
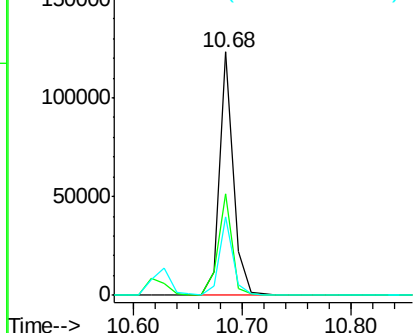
#67
Hexachlorobenzene
Concen: 39.42 ng
RT: 10.68 min Scan# 796
Delta R.T. -0.05 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 110414
Ion Ratio Lower Upper
284 100
142 41.7 35.8 53.8
249 32.3 25.8 38.6

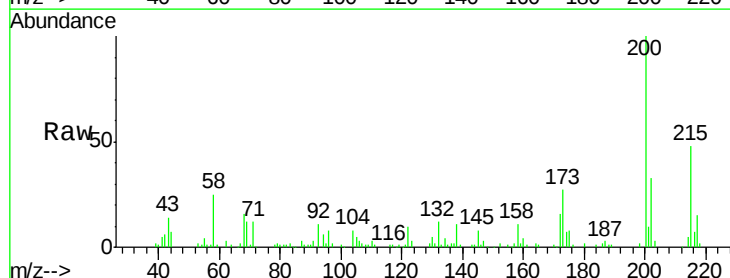


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

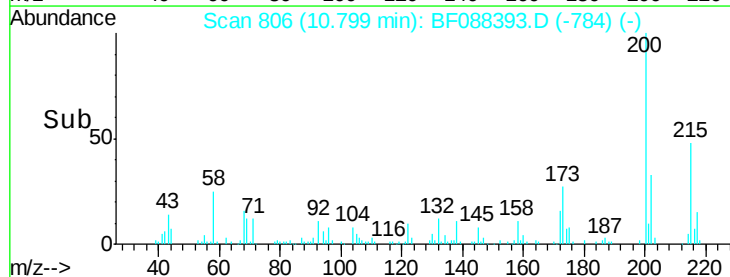
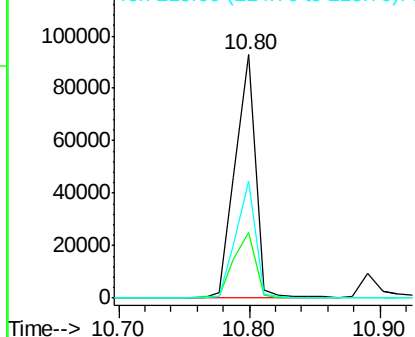


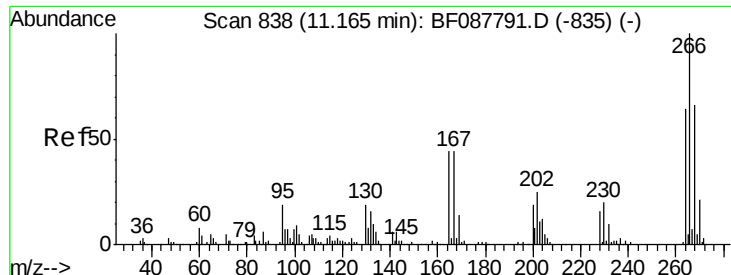
#68
Atrazine
Concen: 40.10 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.05 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Tgt Ion:200 Resp: 101239
Ion Ratio Lower Upper
200 100
173 26.8 4.0 44.0
215 47.9 29.3 69.3



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

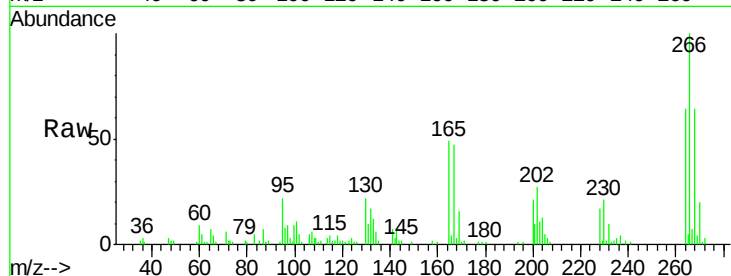




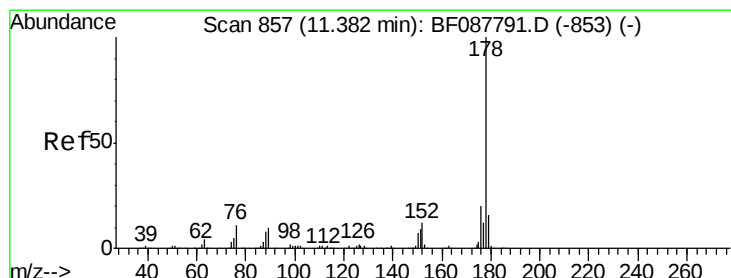
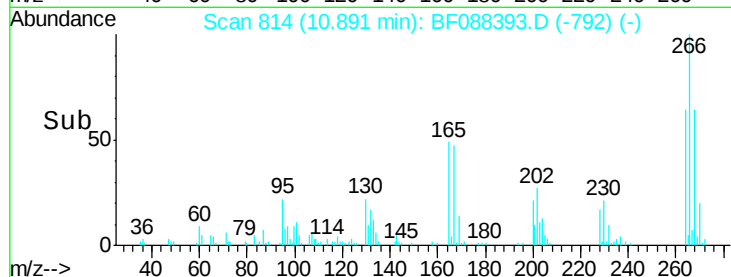
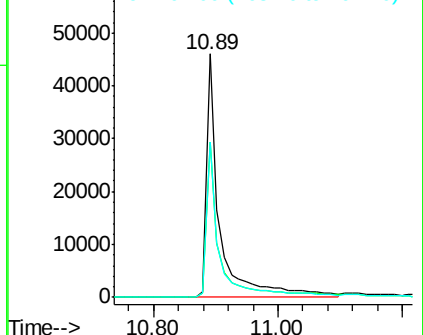
#69
 Pentachlorophenol
 Concen: 46.49 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 68643
 Ion Ratio Lower Upper
 266 100
 268 63.8 52.8 79.2
 264 63.8 49.6 74.4

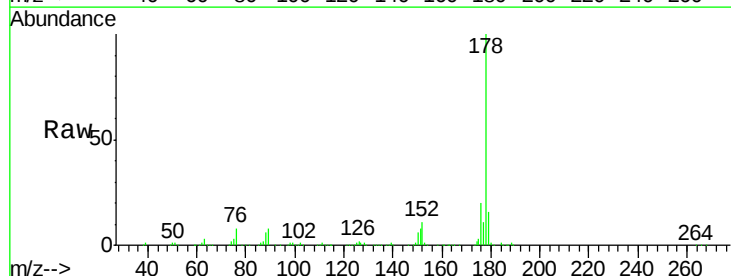


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

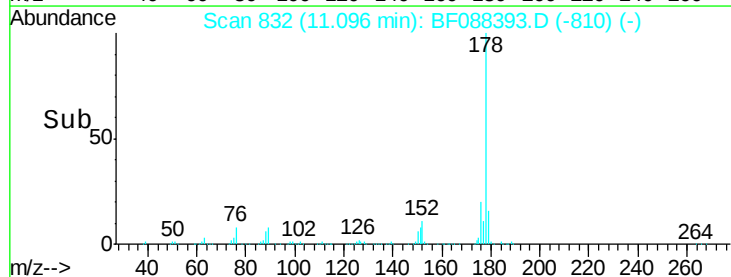
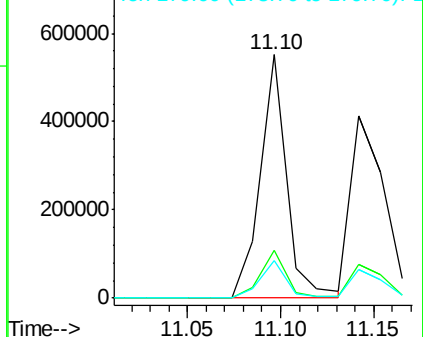


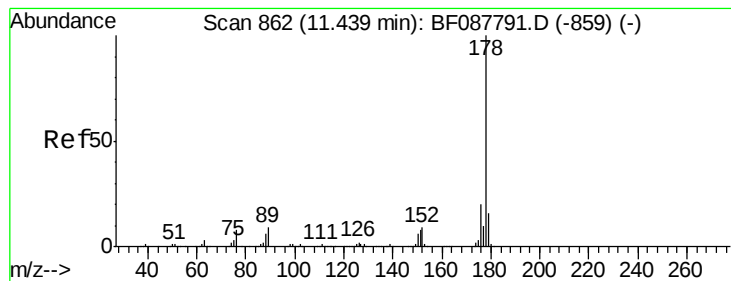
#70
 Phenanthrene
 Concen: 41.01 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.05 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

Tgt Ion:178 Resp: 540717
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 15.6 13.0 19.4



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





#71

Anthracene

Concen: 41.81 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.06 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

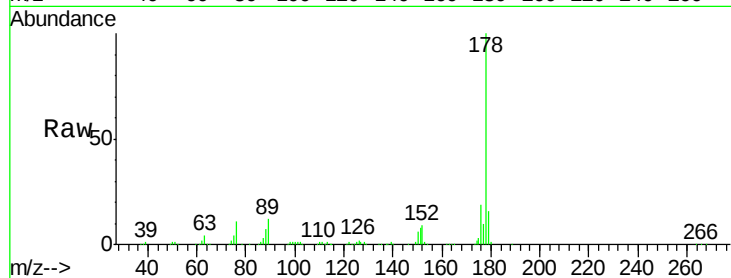
Tot Ion:178 Resp: 556036

Ion Ratio Lower Upper

178 100

176 18.8 15.6 23.4

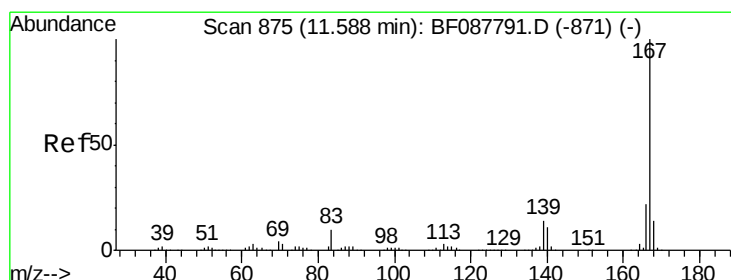
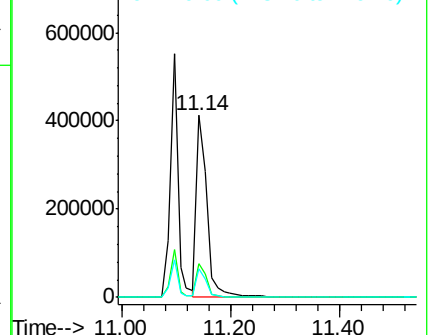
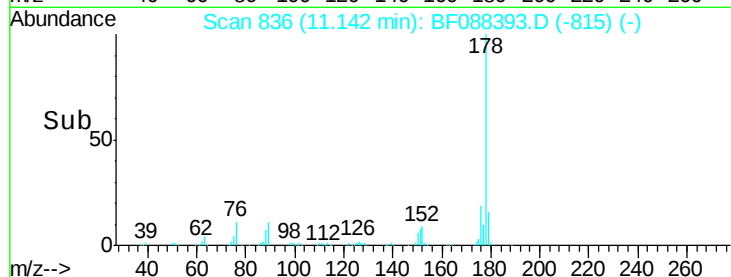
179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.23 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

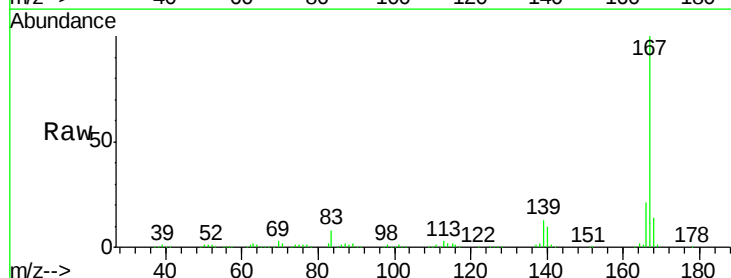
Tgt Ion:167 Resp: 525643

Ion Ratio Lower Upper

167 100

166 21.5 17.8 26.6

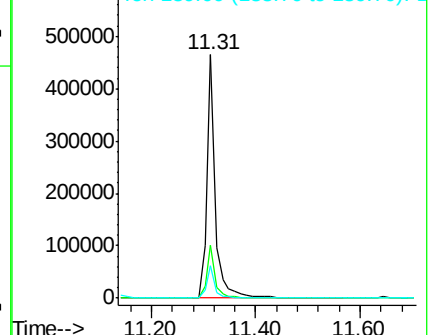
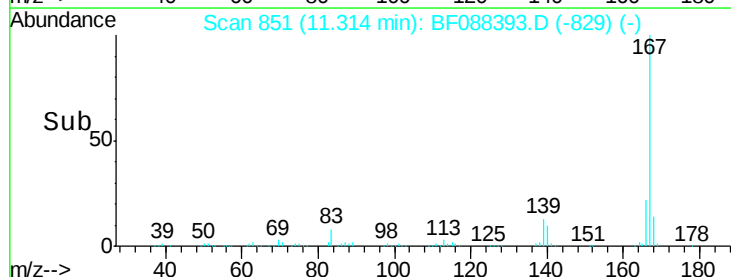
139 13.1 11.2 16.8

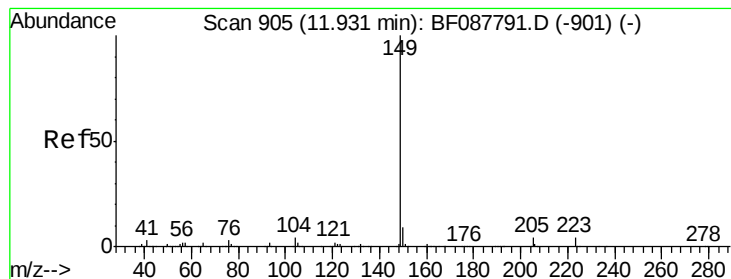


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.10 ng

RT: 11.65 min Scan# 880

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

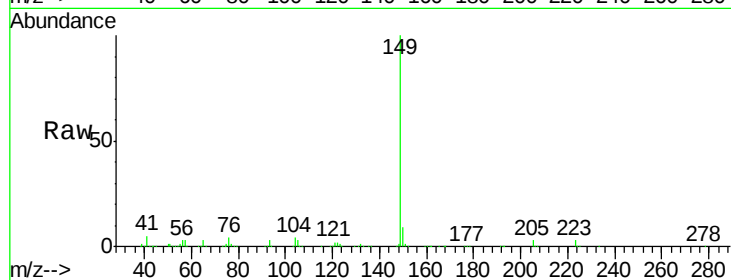
Tot Ion:149 Resp: 694878

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

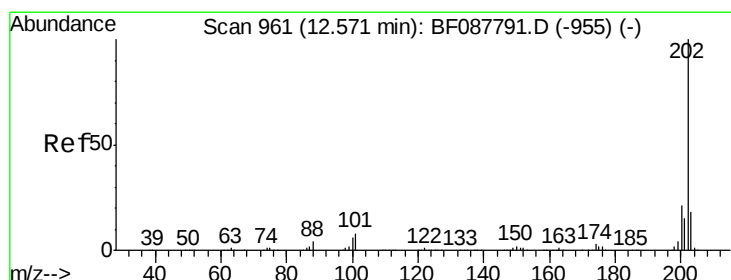
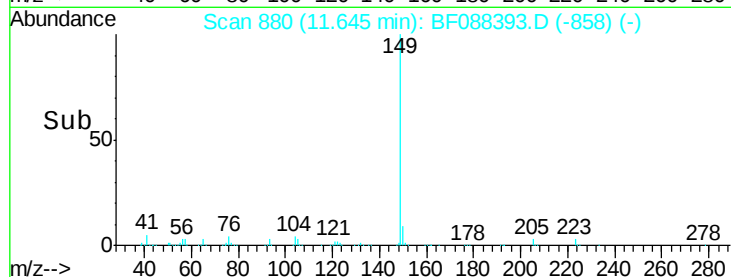
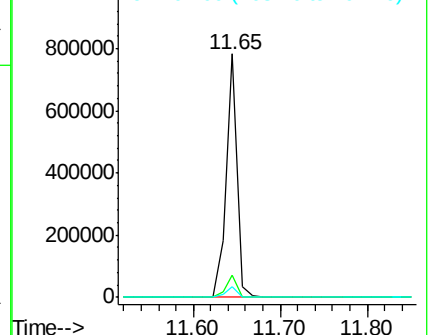
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.88 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

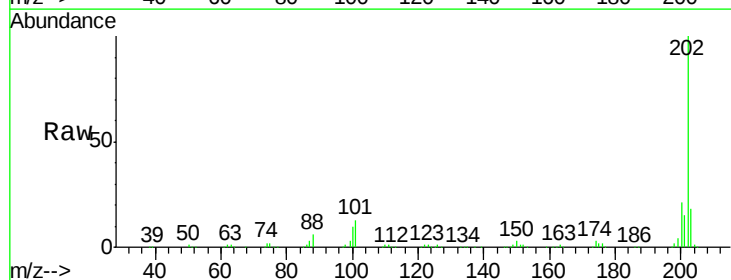
Tgt Ion:202 Resp: 499206

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.1

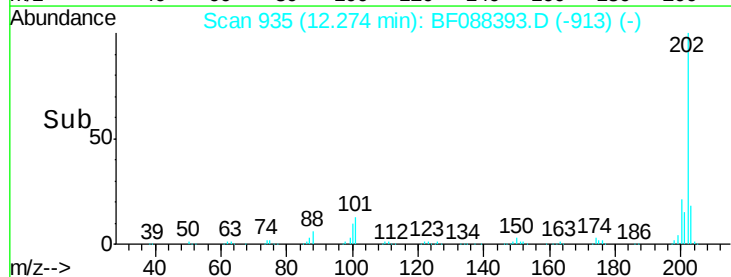
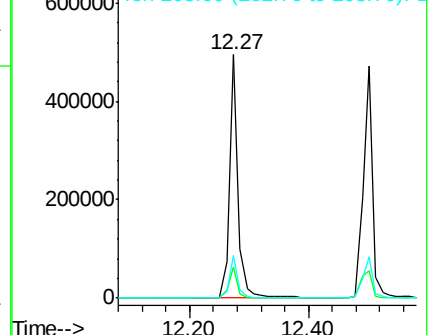
203 17.6 0.0 38.1

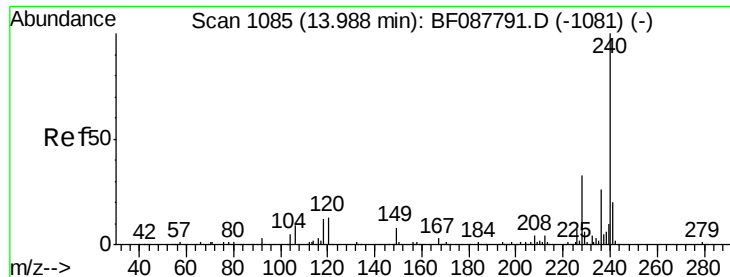


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

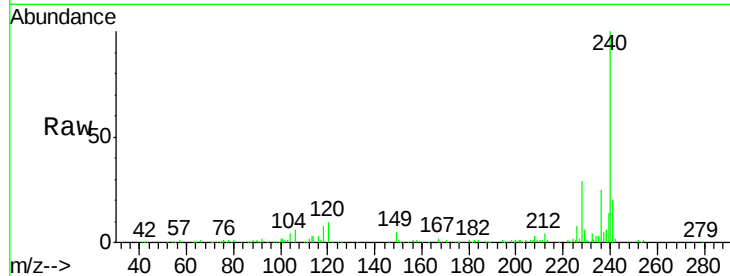
Tot Ion:240 Resp: 185344

Ion Ratio Lower Upper

240 100

120 9.9 6.8 10.2

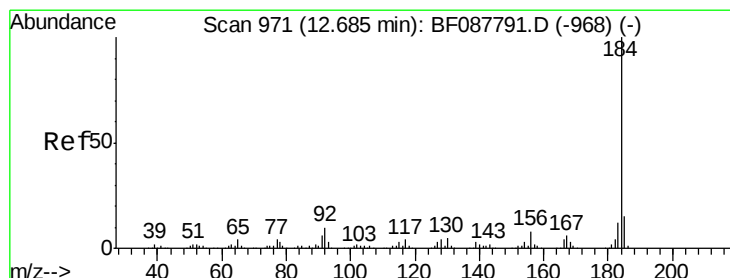
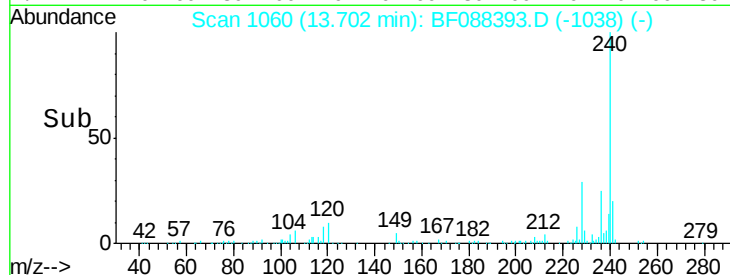
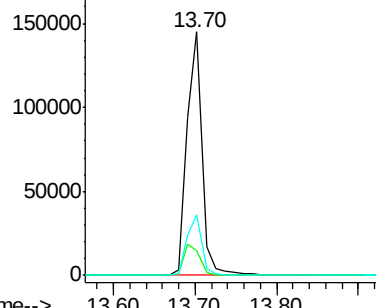
236 25.1 20.2 30.2



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: 45.58 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

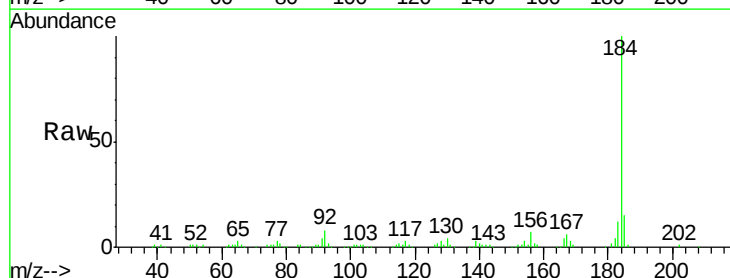
Tgt Ion:184 Resp: 233894

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

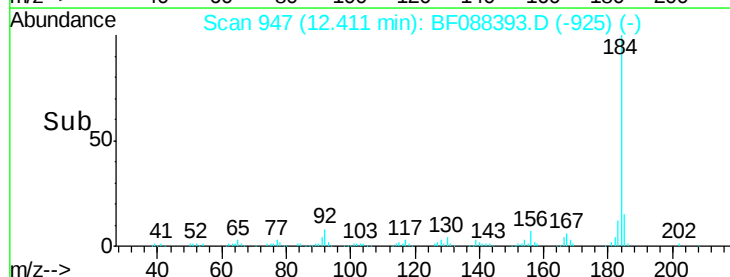
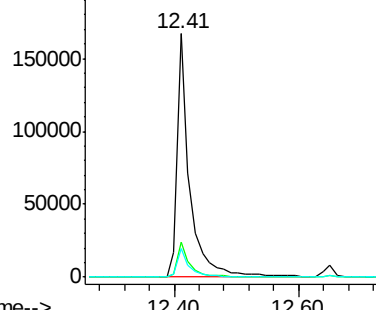
183 11.7 9.3 13.9

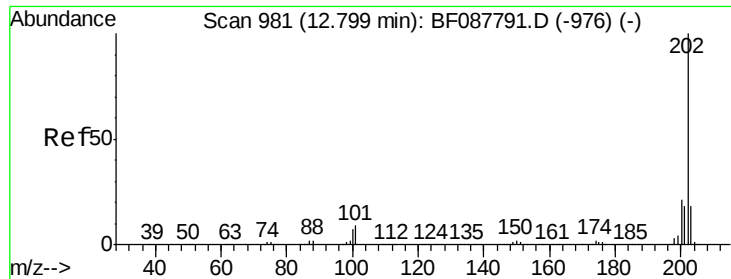


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

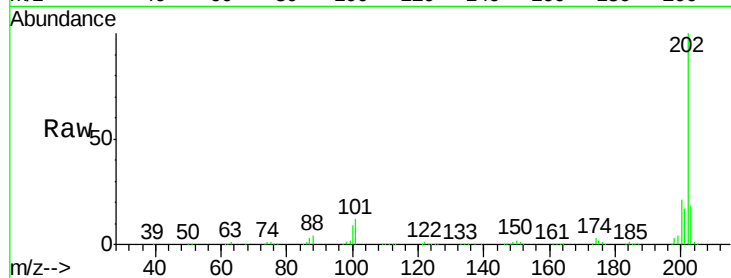




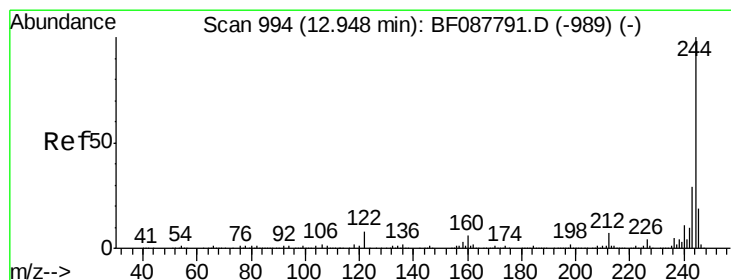
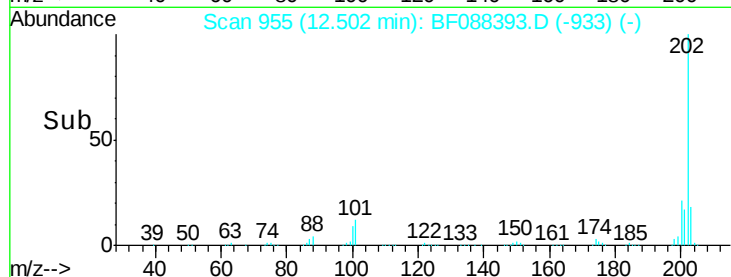
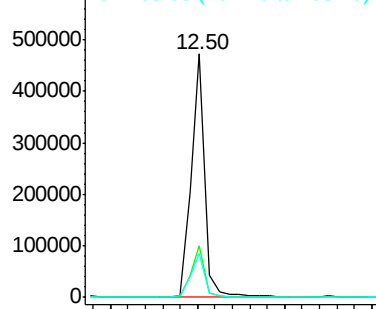
#77
Pvrene
Concen: 37.51 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.05 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 515890
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.9 14.5 21.7

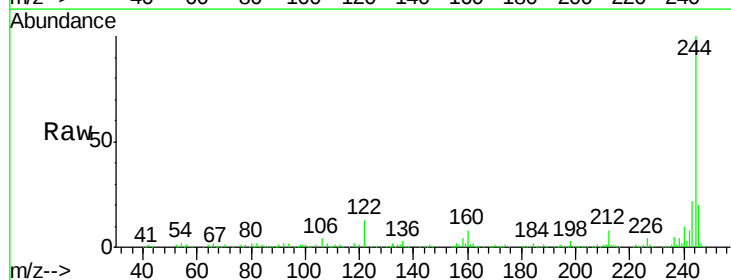


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

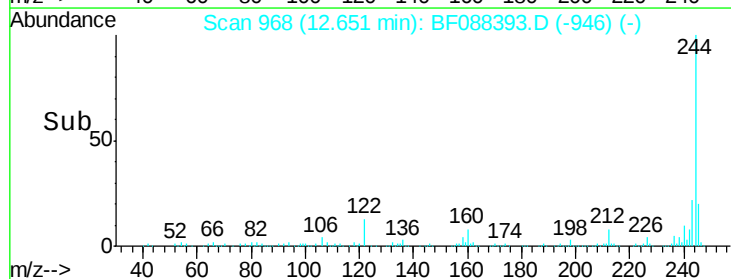
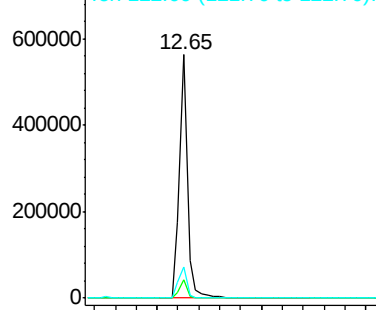


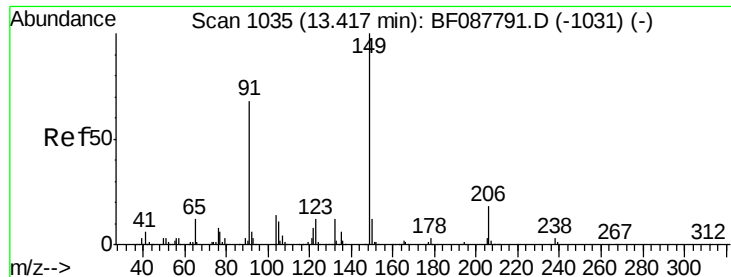
#78
Terphenyl-d14
Concen: 74.06 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.05 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Tgt Ion:244 Resp: 603211
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 12.8 11.2 16.8



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





#79

Butylbenzylphthalate

Concen: 42.38 ng

RT: 13.13 min Scan# 1010

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

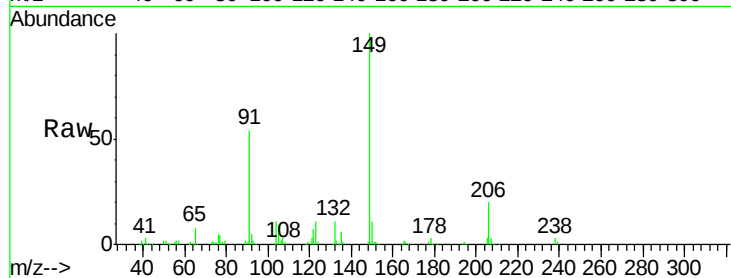
Tot Ion:149 Resp: 257692

Ion Ratio Lower Upper

149 100

91 53.7 48.0 72.0

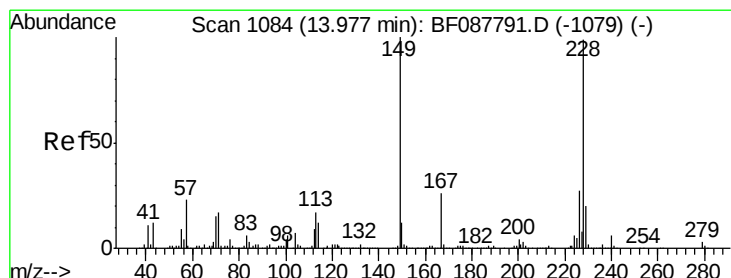
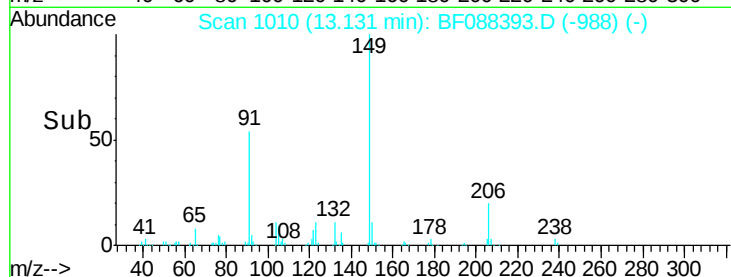
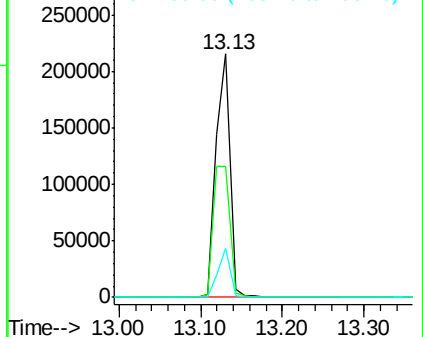
206 20.4 16.0 24.0



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: 38.66 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

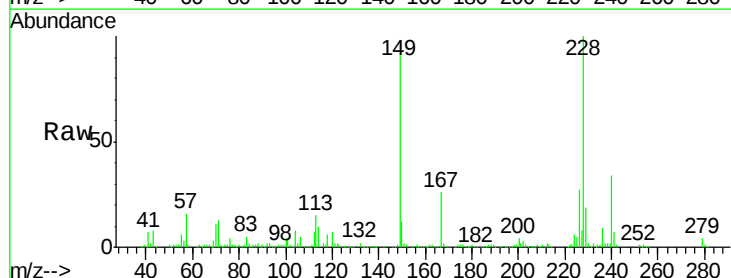
Tgt Ion:228 Resp: 408297

Ion Ratio Lower Upper

228 100

226 27.0 22.3 33.5

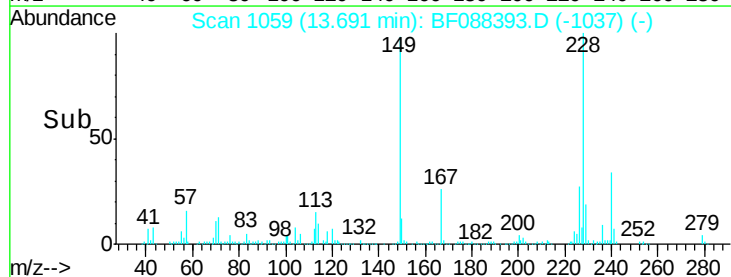
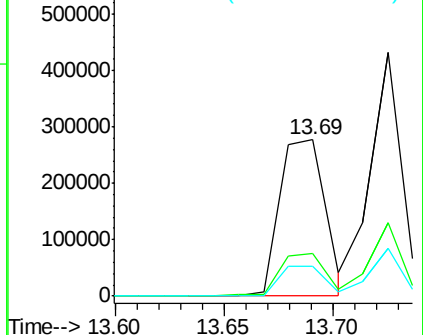
229 19.4 16.0 24.0

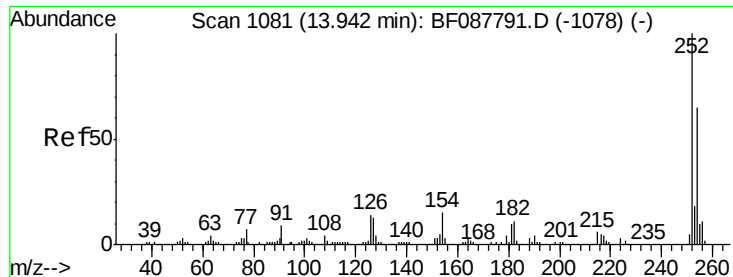


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

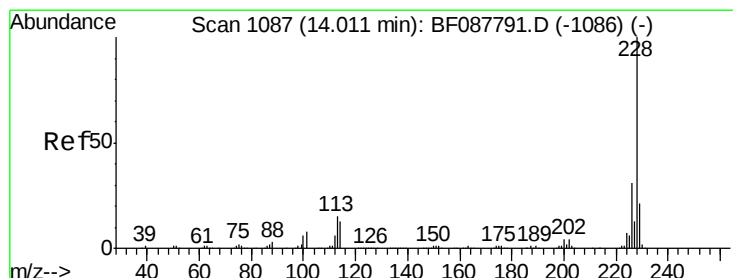
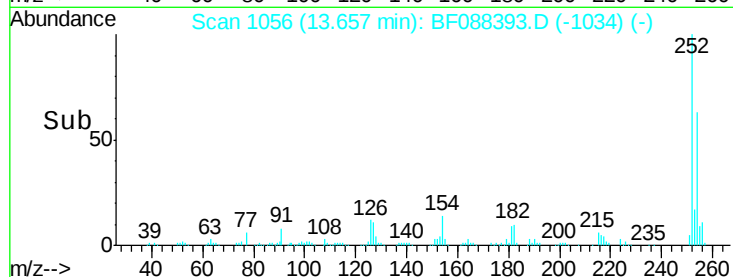
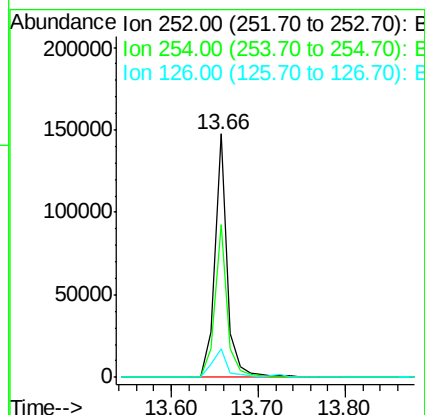
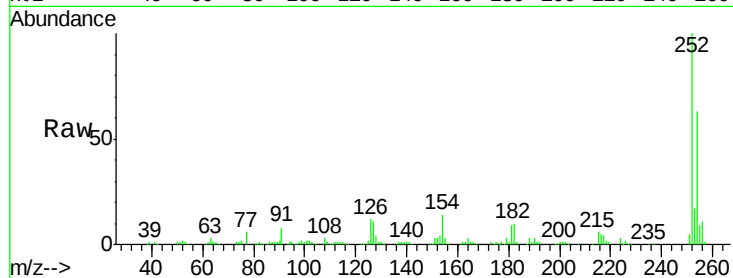




#81
 3,3'-Dichlorobenzidine
 Concen: 52.31 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.05 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

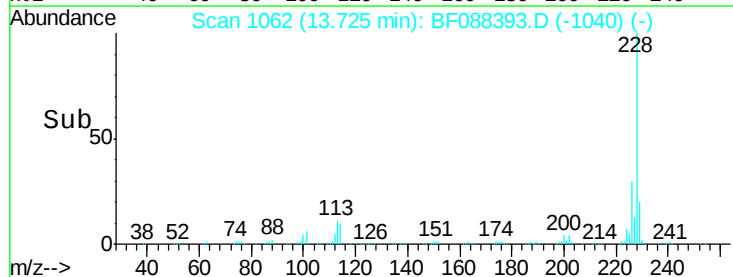
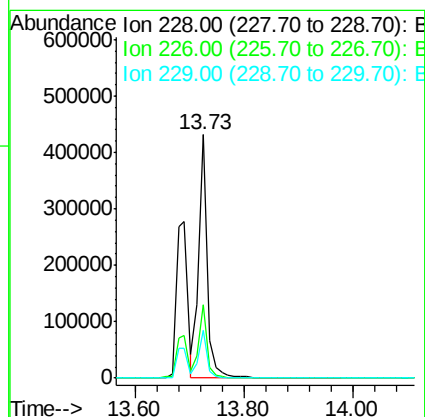
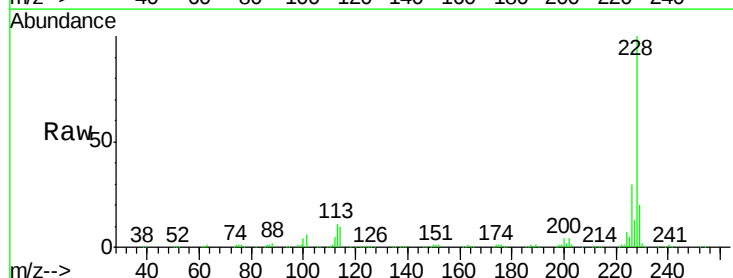
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

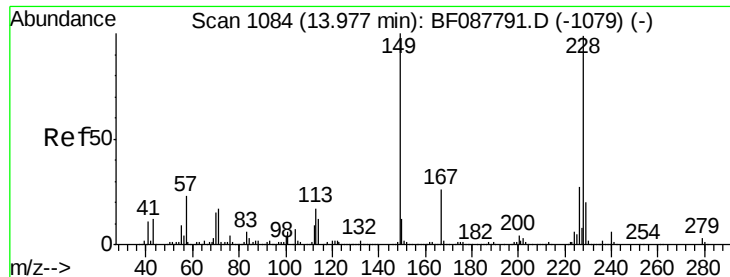
Tot Ion:252 Resp: 148566
 Ion Ratio Lower Upper
 252 100
 254 62.9 52.6 78.8
 126 11.8 6.2 9.2#



#82
 Chrysene
 Concen: 47.00 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.05 min
 Lab File: BF088393.D
 Acq: 26 Jun 2016 00:44

Tgt Ion:228 Resp: 467004
 Ion Ratio Lower Upper
 228 100
 226 29.9 25.4 38.2
 229 19.6 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.87 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

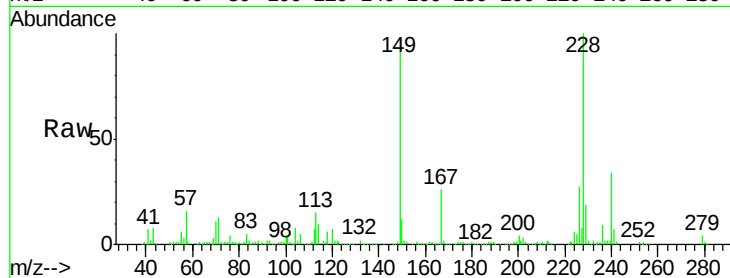
Tot Ion:149 Resp: 317308

Ion Ratio Lower Upper

149 100

167 27.0 20.5 30.7

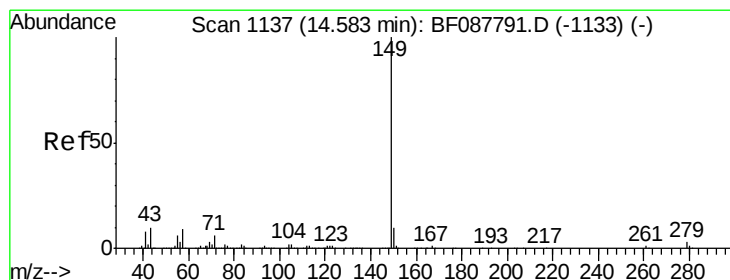
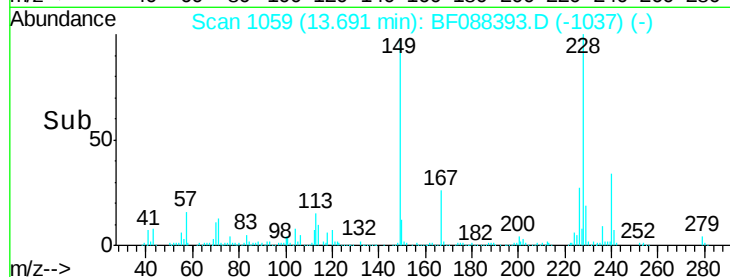
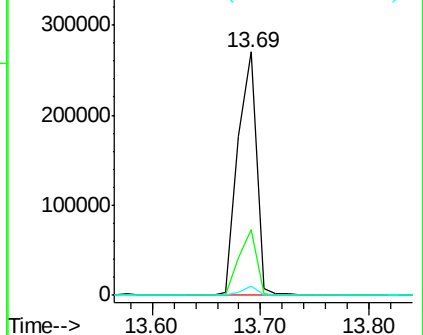
279 4.0 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.36 ng

RT: 14.30 min Scan# 1112

Delta R.T. -0.05 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

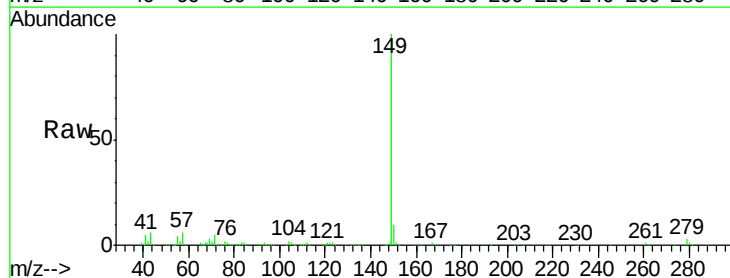
Tgt Ion:149 Resp: 617813

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

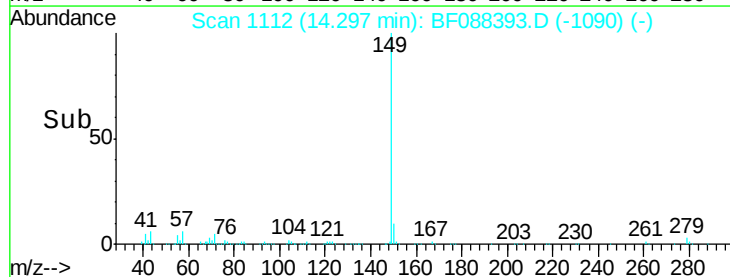
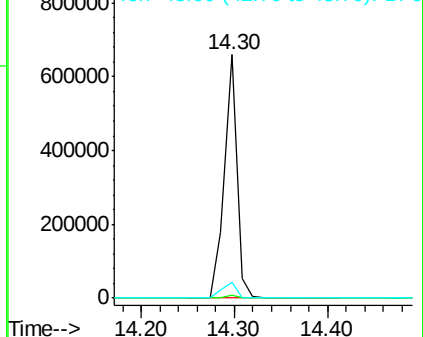
43 7.9 0.0 0.0#

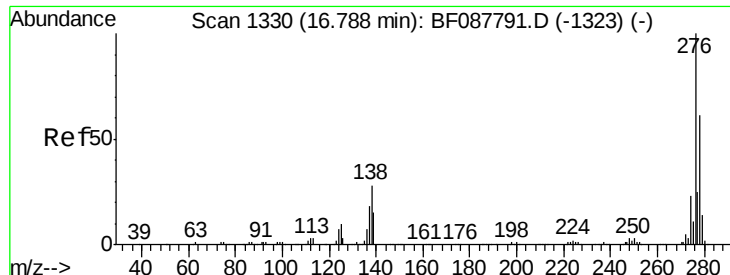


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

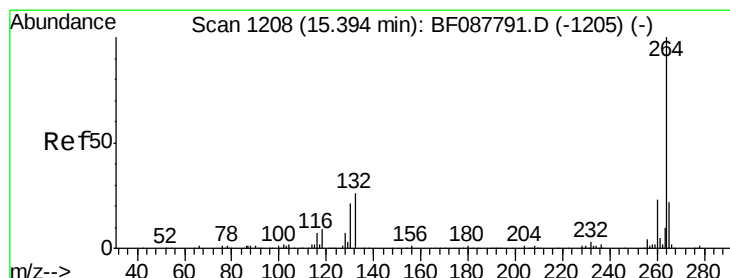
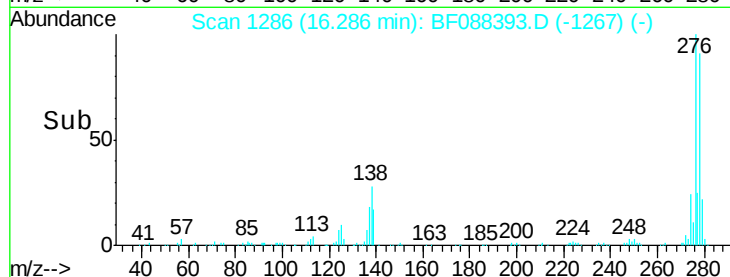
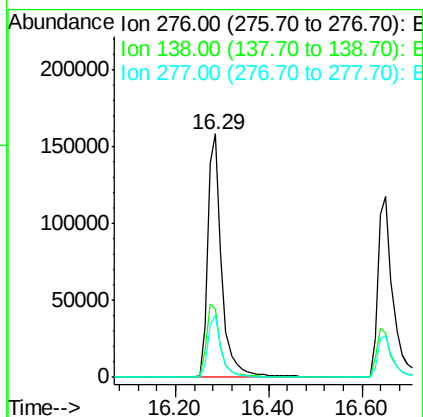
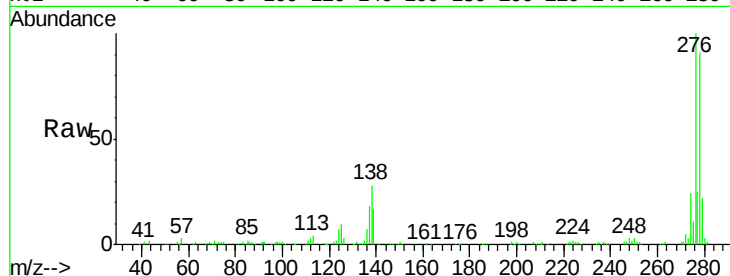




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.44 ng
RT: 16.29 min Scan# 1286
Delta R.T. -0.08 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

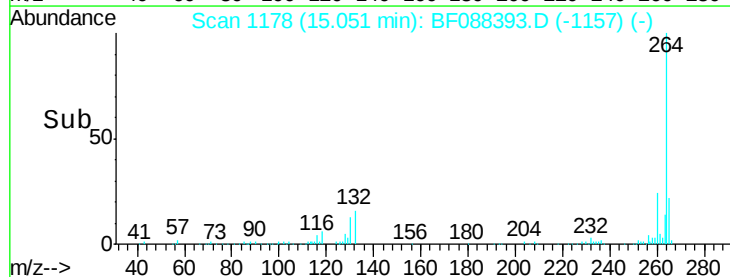
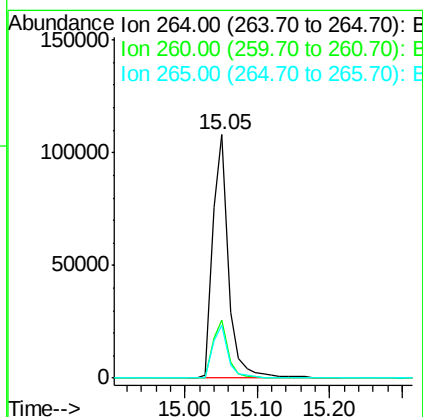
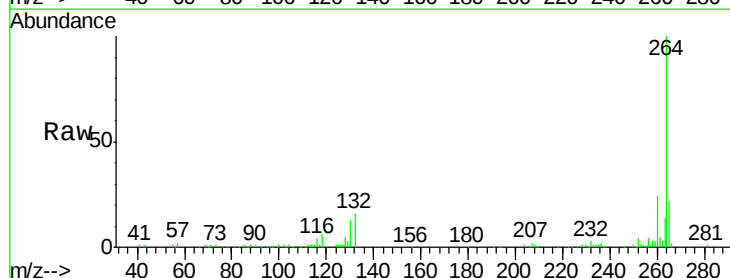
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

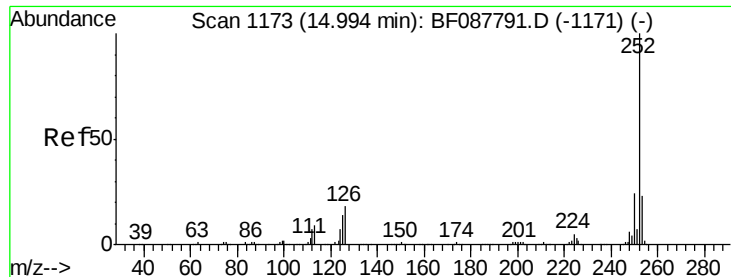
Tot Ion:276 Resp: 336449
Ion Ratio Lower Upper
276 100
138 30.7 0.0 0.0#
277 24.7 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.06 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Tgt Ion:264 Resp: 162240
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.5 16.9 25.3

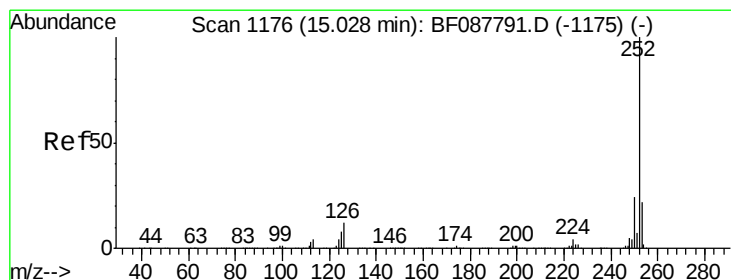
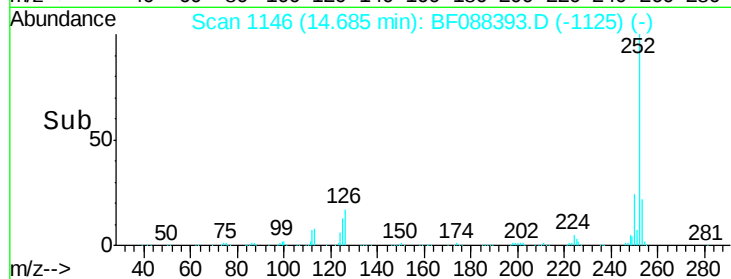
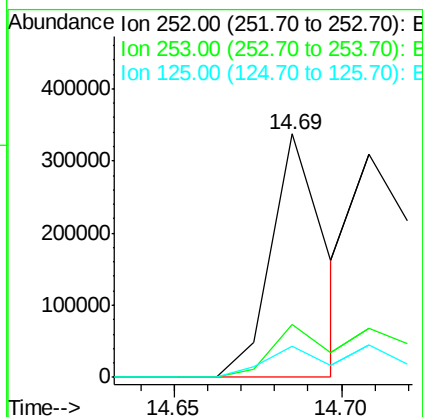
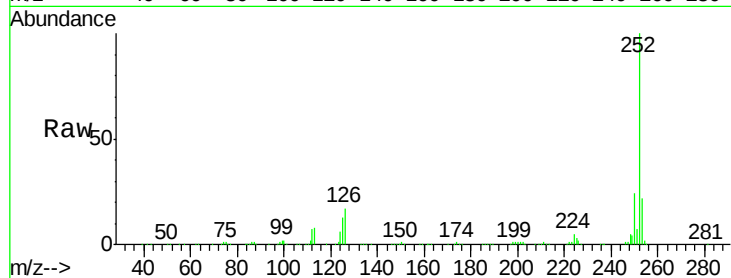




#87
Benzo(b)fluoranthene
Concen: 33.26 ng m
RT: 14.69 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

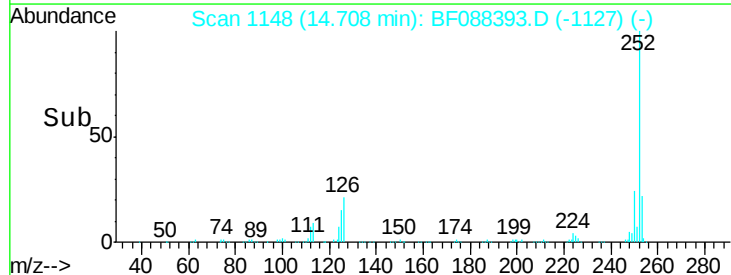
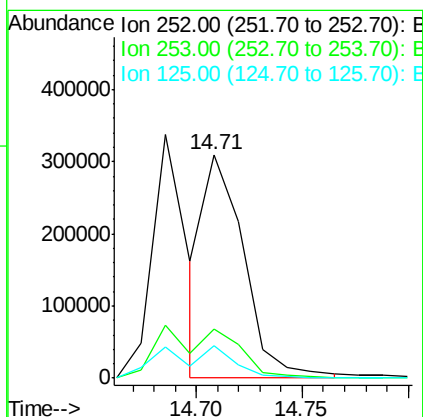
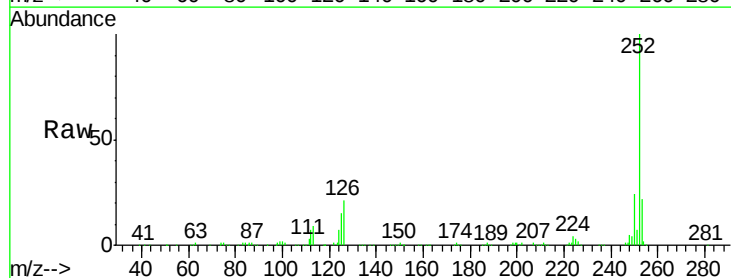
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

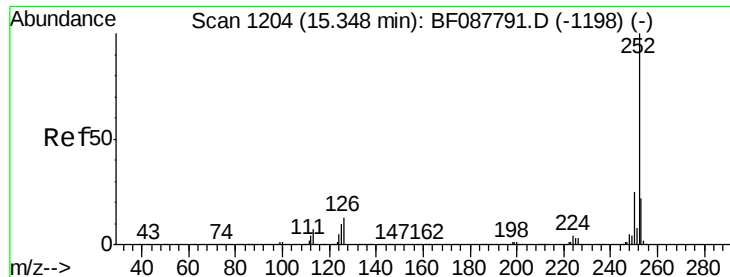
Tot Ion:252 Resp: 376071
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 12.8 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 47.98 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.06 min
Lab File: BF088393.D
Acq: 26 Jun 2016 00:44

Tgt Ion:252 Resp: 409283
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 14.5 11.2 16.8





#89

Benzo(a)pyrene

Concen: 39.62 ng

RT: 14.99 min Scan# 1173

Delta R.T. -0.06 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

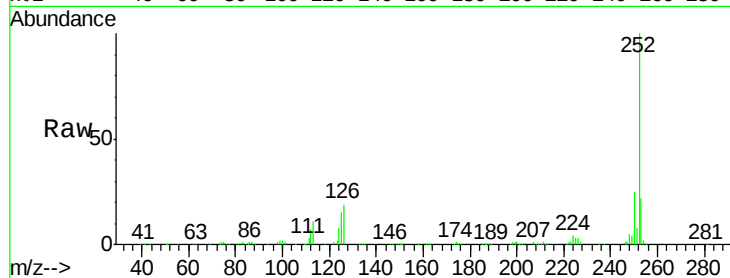
Tot Ion:252 Resp: 362445

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

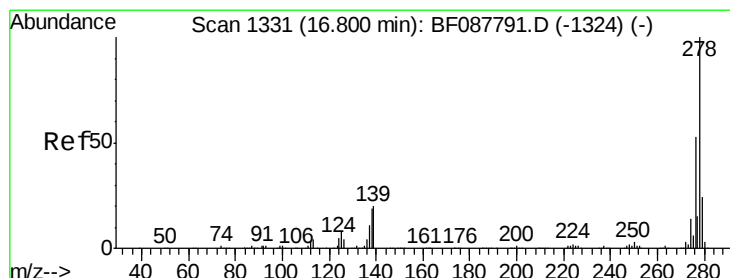
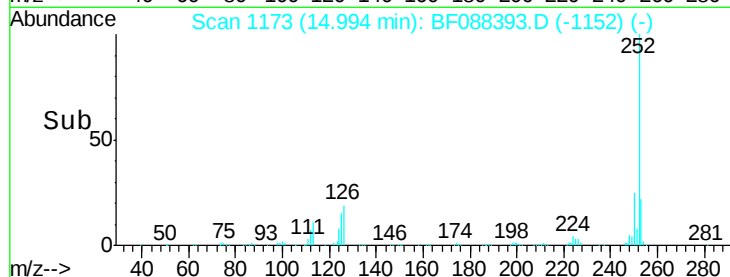
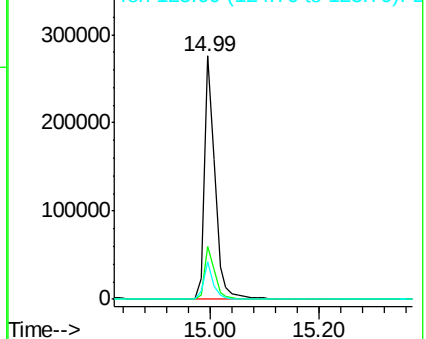
125 15.3 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.67 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

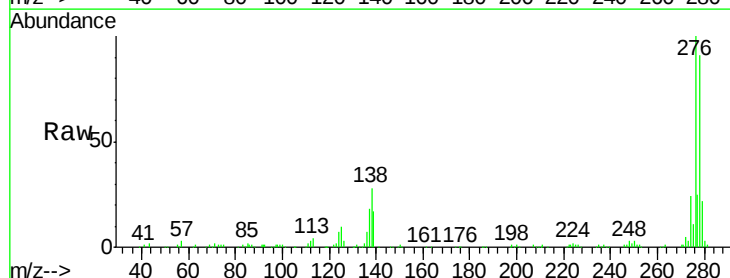
Tgt Ion:278 Resp: 286120

Ion Ratio Lower Upper

278 100

139 18.4 15.7 23.5

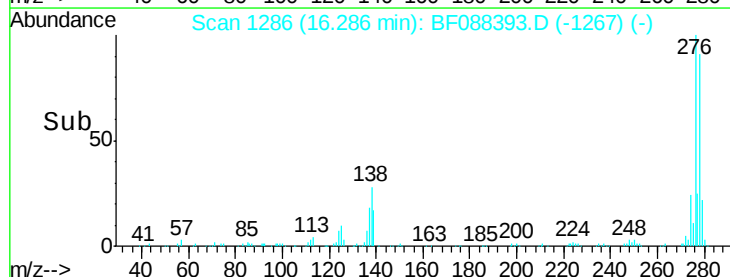
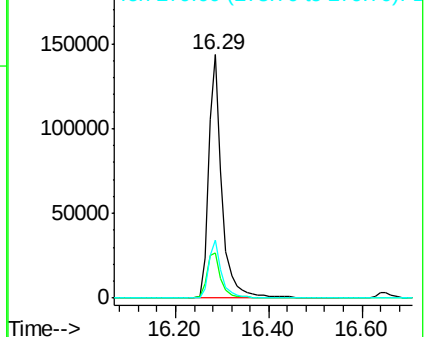
279 23.8 19.4 29.2

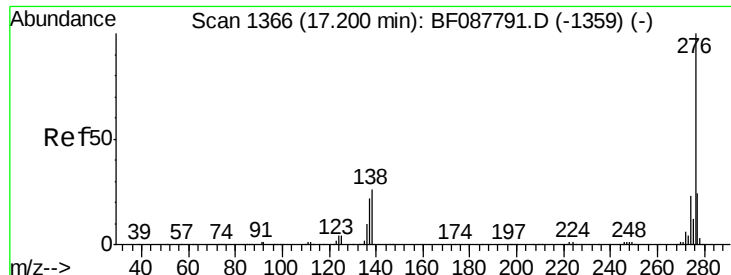


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 31.05 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.09 min

Lab File: BF088393.D

Acq: 26 Jun 2016 00:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

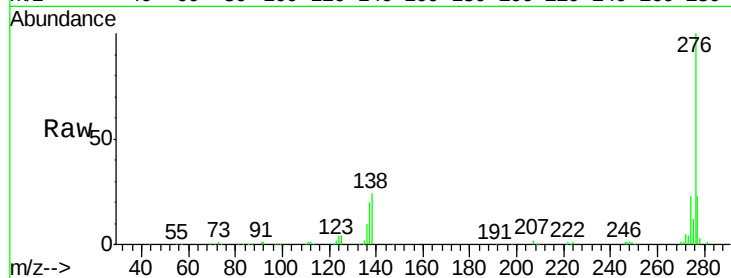
Tot Ion: 276 Resp: 271416

Ion Ratio Lower Upper

276 100

277 23.1 18.9 28.3

138 24.2 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

