

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052016\
 Data File : BF087277.D
 Acq On : 21 May 2016 17:20
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 23 01:01:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	140621	20.00	ng	-0.05
21) Naphthalene-d8	7.85	136	607172	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	275975	20.00	ng	-0.05
63) Phenanthrene-d10	11.07	188	509292	20.00	ng	-0.05
75) Chrysene-d12	13.70	240	294321	20.00	ng	-0.06
86) Perylene-d12	15.05	264	274616	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	670086	80.10	ng	-0.06
7) Phenol-d6	6.24	99	887786	79.12	ng	-0.05
23) Nitrobenzene-d5	7.14	82	895235	73.48	ng	-0.05
41) 2,4,6-Tribromophenol	10.39	330	204135	66.94	ng	-0.06
44) 2-Fluorobiphenyl	8.92	172	1247509	74.86	ng	-0.06
78) Terphenyl-d14	12.65	244	1219833	93.75	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	1.95	88	159714	37.11	ng	# 74
3) Pyridine	2.58	79	408891	39.28	ng	# 63
4) n-Nitrosodimethylamine	2.56	42	287551	38.98	ng	# 50
6) Aniline	6.23	93	528330	37.07	ng	98
8) 2-Chlorophenol	6.35	128	395293	38.83	ng	97
9) Benzaldehyde	6.10	77	228176	37.18	ng	88
10) Phenol	6.25	94	572314	40.57	ng	82
11) bis(2-Chloroethyl)ether	6.31	93	421281	39.78	ng	89
12) 1,3-Dichlorobenzene	6.49	146	414729	38.33	ng	# 90
13) 1,4-Dichlorobenzene	6.57	146	428836	38.73	ng	# 91
14) 1,2-Dichlorobenzene	6.73	146	394739	40.73	ng	99
15) Benzyl Alcohol	6.73	79	348007	41.66	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.84	45	850246	39.05	ng	86
17) 2-Methylphenol	6.86	107	324773	38.85	ng	# 80
18) Hexachloroethane	7.06	117	168453	39.80	ng	99
19) n-Nitroso-di-n-propylamine	7.00	70	319821	37.50	ng	# 83
20) 3+4-Methylphenols	7.02	107	424458	38.49	ng	# 61
22) Acetophenone	6.99	105	619308	41.68	ng	95
24) Nitrobenzene	7.16	77	482354	36.26	ng	# 89
25) Isophorone	7.40	82	874747	39.22	ng	97
26) 2-Nitrophenol	7.47	139	211212	38.33	ng	# 63
27) 2,4-Dimethylphenol	7.54	122	340901	36.25	ng	94
28) bis(2-Chloroethoxy)methane	7.62	93	485621	39.66	ng	99
29) 2,4-Dichlorophenol	7.72	162	313098	37.78	ng	89
30) 1,2,4-Trichlorobenzene	7.79	180	350622	38.13	ng	97
31) Naphthalene	7.87	128	1180124	39.78	ng	100
32) Benzoic acid	7.71	122	206373	36.82	ng	# 79
33) 4-Chloroaniline	7.94	127	433382	35.15	ng	98
34) Hexachlorobutadiene	7.99	225	221773	42.50	ng	98
35) Caprolactam	8.34	113	105757	38.33	ng	# 78
36) 4-Chloro-3-methylphenol	8.44	107	373117	37.33	ng	91
37) 2-Methylnaphthalene	8.66	142	677094	35.68	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	347644	43.13	ng	99
40) Hexachlorocyclopentadiene	8.71	237	72571	28.88	ng	94

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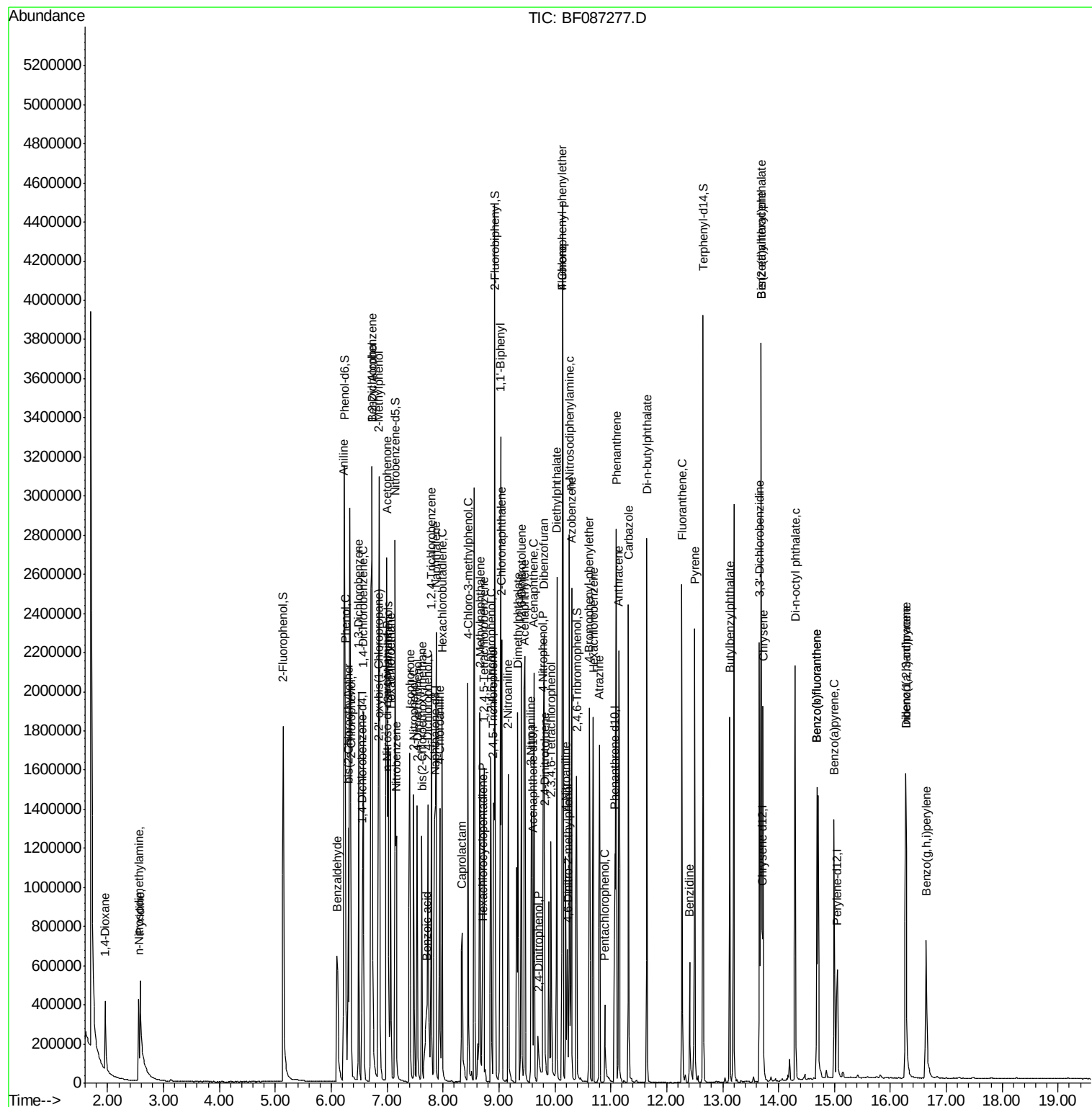
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	206158	39.44	ng	93
43) 2,4,5-Trichlorophenol	8.90	196	215432	39.67	ng #	88
45) 1,1'-Biphenyl	9.03	154	1020422	44.59	ng	99
46) 2-Chloronaphthalene	9.05	162	729767	41.54	ng	99
47) 2-Nitroaniline	9.16	65	274291	40.74	ng #	82
48) Acenaphthylene	9.45	152	1042649	38.87	ng	99
49) Dimethylphthalate	9.34	163	820166	38.96	ng	99
50) 2,6-Dinitrotoluene	9.40	165	164191	35.92	ng #	70
51) Acenaphthene	9.62	154	636260	37.97	ng	98
52) 3-Nitroaniline	9.58	138	169326	34.22	ng #	75
53) 2,4-Dinitrophenol	9.70	184	63729	27.63	ng	87
54) Dibenzofuran	9.80	168	843651	38.93	ng	99
55) 4-Nitrophenol	9.79	139	442418	101.57	ng #	26
56) 2,4-Dinitrotoluene	9.82	165	240838	41.14	ng #	76
57) Fluorene	10.14	166	654900	37.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	156757	37.06	ng	96
59) Diethylphthalate	10.03	149	820419	40.82	ng	98
60) 4-Chlorophenyl-phenylether	10.14	204	350242	42.44	ng	94
61) 4-Nitroaniline	10.19	138	161109	32.97	ng #	65
62) Azobenzene	10.30	77	961315	41.51	ng	87
64) 4,6-Dinitro-2-methylphenol	10.23	198	106491	31.75	ng	87
65) n-Nitrosodiphenylamine	10.26	169	591206	36.89	ng	99
66) 4-Bromophenyl-phenylether	10.62	248	204553	39.06	ng #	84
67) Hexachlorobenzene	10.68	284	222839	36.70	ng #	77
68) Atrazine	10.80	200	200091	38.27	ng	95
69) Pentachlorophenol	10.89	266	63037	27.64	ng	97
70) Phenanthrene	11.10	178	1061741	38.44	ng	100
71) Anthracene	11.14	178	991262	35.48	ng	99
72) Carbazole	11.31	167	897668	35.17	ng	99
73) Di-n-butylphthalate	11.65	149	1223229	41.73	ng #	98
74) Fluoranthene	12.27	202	948220	34.26	ng	97
76) Benzidine	12.41	184	257414	28.33	ng	99
77) Pyrene	12.50	202	1017118	47.84	ng	100
79) Butylbenzylphthalate	13.13	149	469997	52.36	ng	90
80) Benzo(a)anthracene	13.69	228	667454	39.22	ng	98
81) 3,3'-Dichlorobenzidine	13.66	252	443749	40.98	ng	99
82) Chrysene	13.73	228	715001	43.43	ng	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	612080	56.03	ng	98
84) Di-n-octyl phthalate	14.30	149	902630	47.96	ng #	84
85) Indeno(1,2,3-cd)pyrene	16.27	276	672238	46.51	ng	95
87) Benzo(b)fluoranthene	14.69	252	1182026	64.88	ng	98
88) Benzo(k)fluoranthene	14.69	252	1182707	87.20	ng	99
89) Benzo(a)pyrene	14.99	252	578206	37.97	ng	98
90) Dibenzo(a,h)anthracene	16.27	278	560647	43.73	ng	98
91) Benzo(g,h,i)perylene	16.64	276	556763	42.99	ng #	91

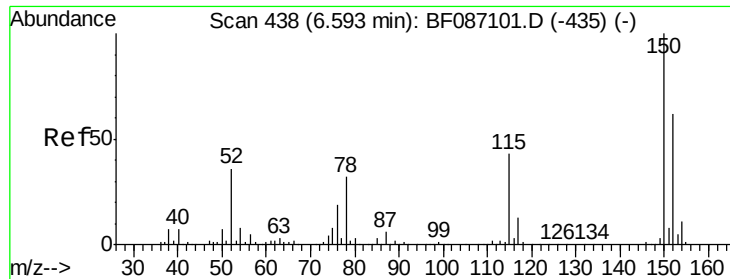
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

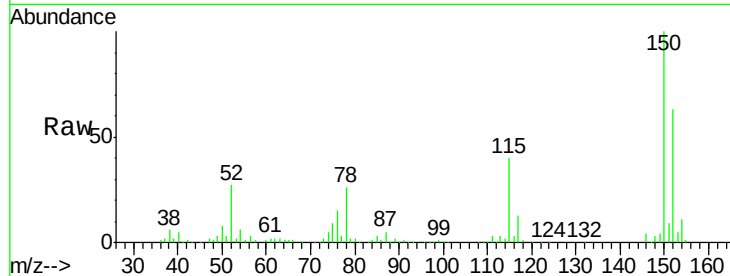
Tgt Ion:152 Resp: 140621

Ion Ratio Lower Upper

152 100

150 158.0 125.8 188.6

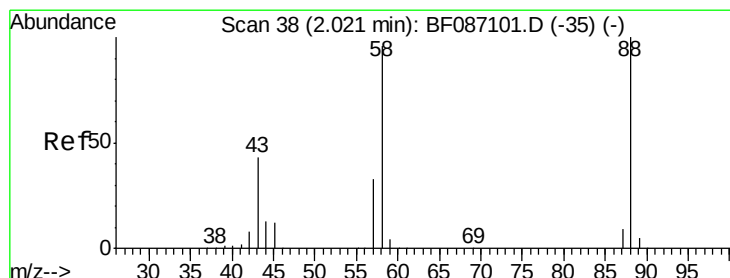
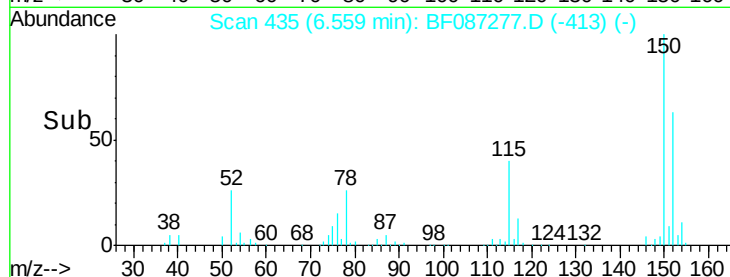
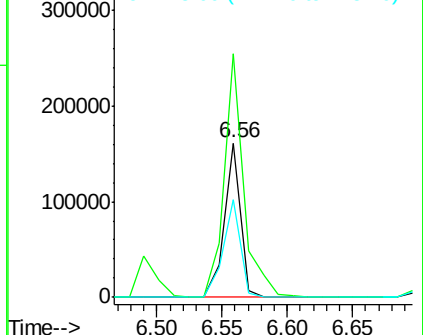
115 63.5 51.5 77.3



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: 37.11 ng

RT: 1.95 min Scan# 32

Delta R.T. -0.10 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

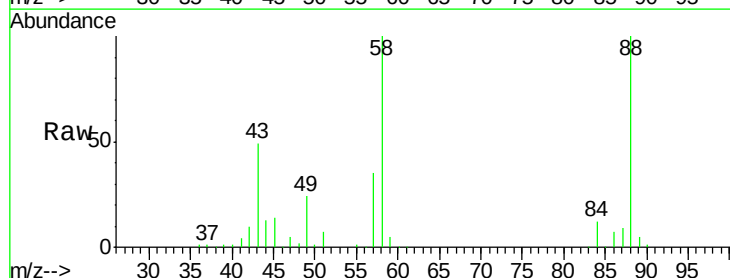
Tgt Ion: 88 Resp: 159714

Ion Ratio Lower Upper

88 100

58 94.1 59.6 89.4#

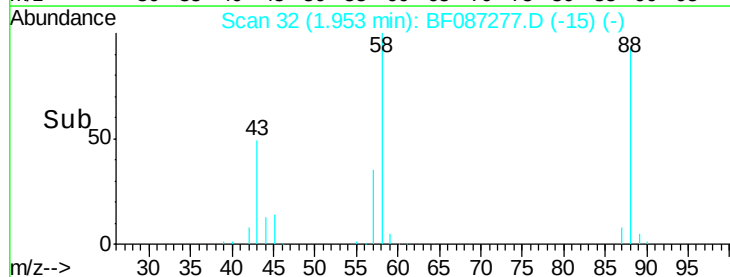
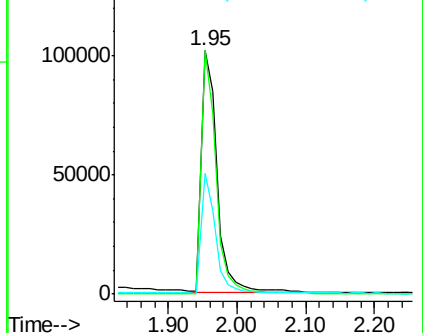
43 45.0 21.8 32.6#

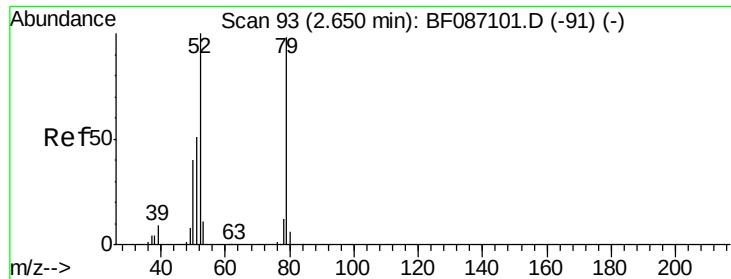


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.28 ng

RT: 2.58 min Scan# 87

Delta R.T. -0.10 min

Lab File: BF087277.D

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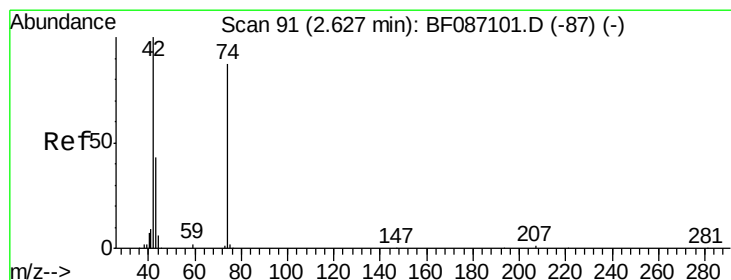
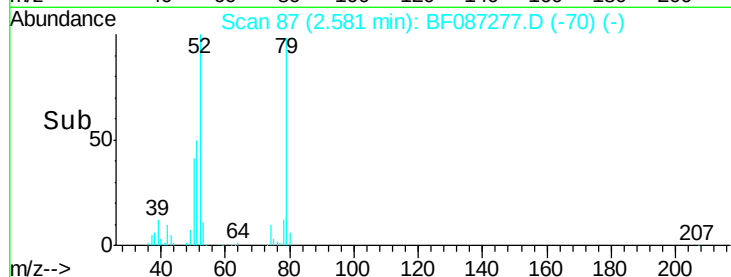
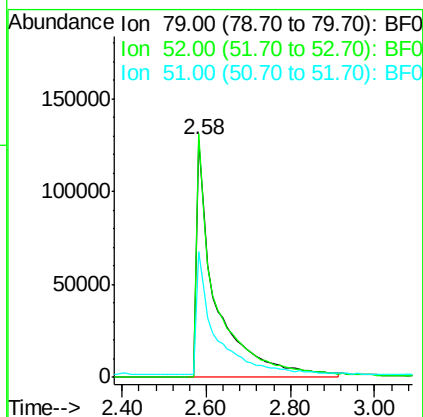
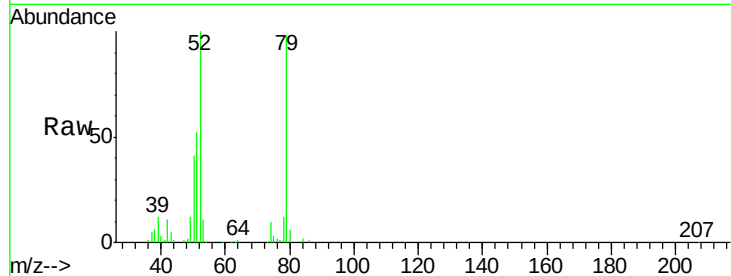
Tgt Ion: 79 Resp: 408891

Ion Ratio Lower Upper

79 100

52 102.6 55.9 83.9#

51 53.1 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 38.98 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.10 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

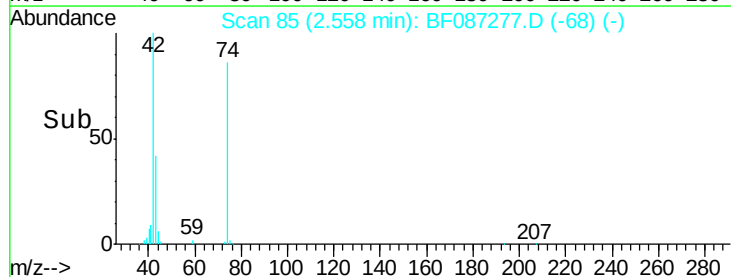
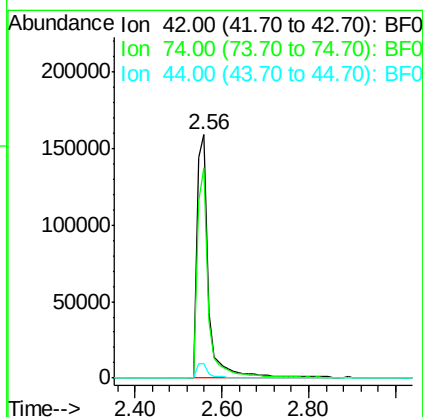
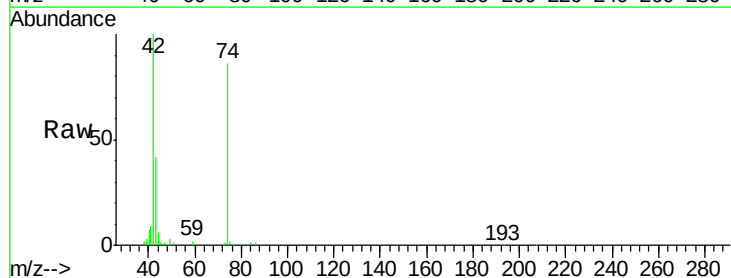
Tgt Ion: 42 Resp: 287551

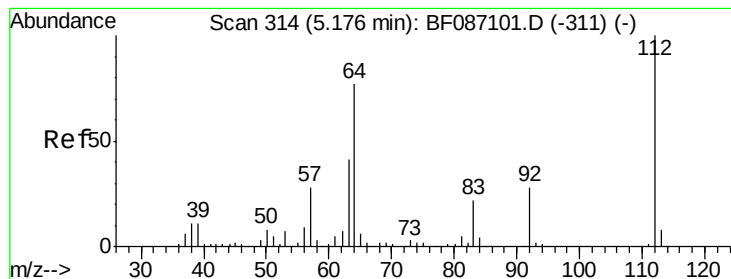
Ion Ratio Lower Upper

42 100

74 86.3 123.4 185.0#

44 6.0 5.8 8.6





#5

2-Fluorophenol

Concen: 80.10 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

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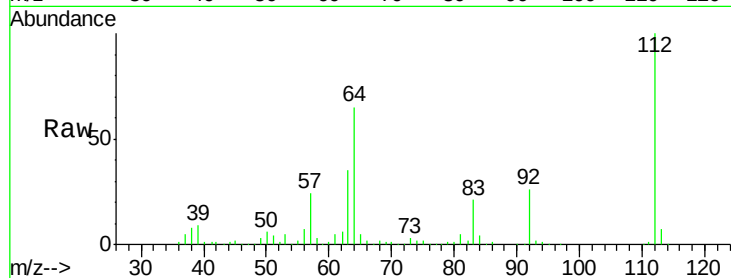
Tgt Ion: 112 Resp: 670086

Ion Ratio Lower Upper

112 100

64 64.9 52.1 78.1

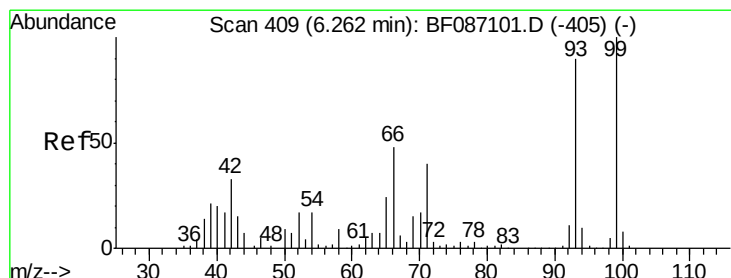
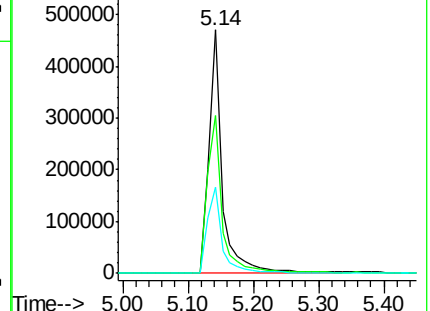
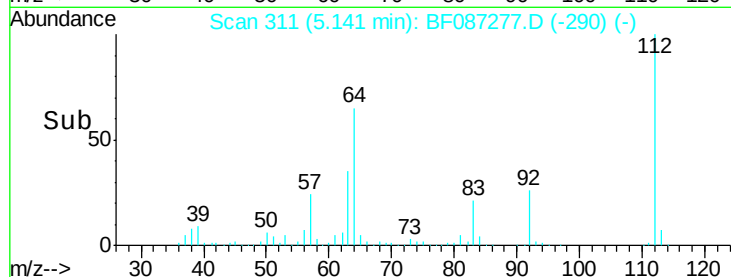
63 35.5 25.7 38.5



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: 37.07 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

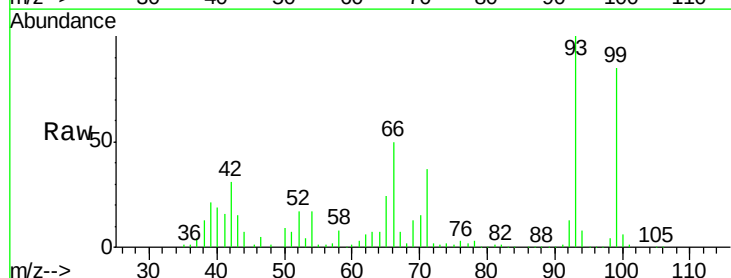
Tgt Ion: 93 Resp: 528330

Ion Ratio Lower Upper

93 100

66 50.1 39.0 58.6

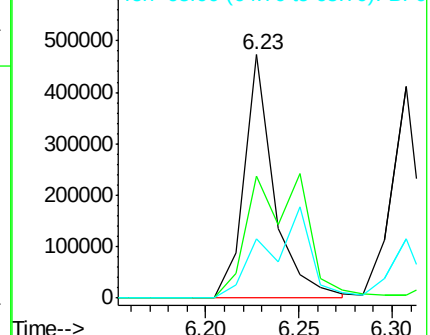
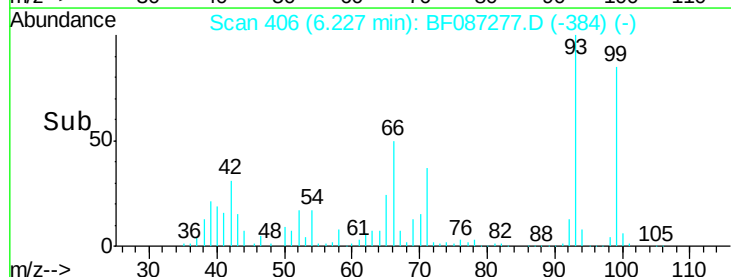
65 24.2 20.6 31.0

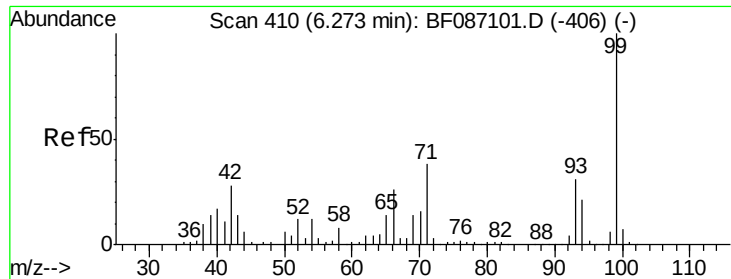


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.12 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087277.D

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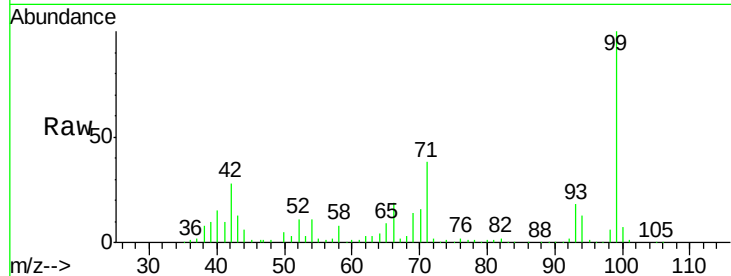
Tgt Ion: 99 Resp: 887786

Ion Ratio Lower Upper

99 100

42 27.6 13.6 20.4#

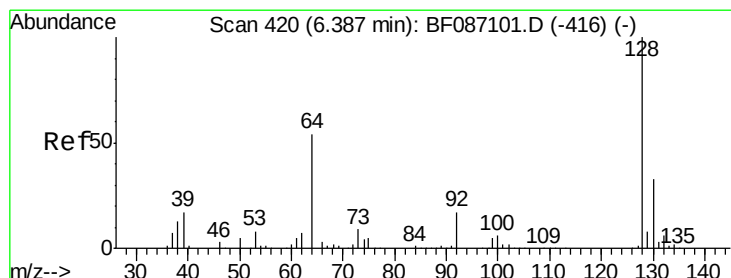
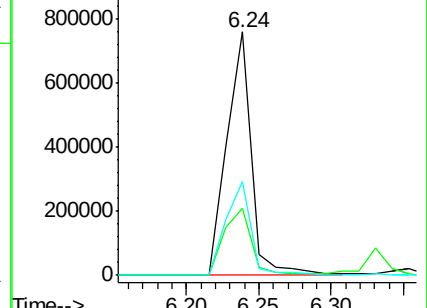
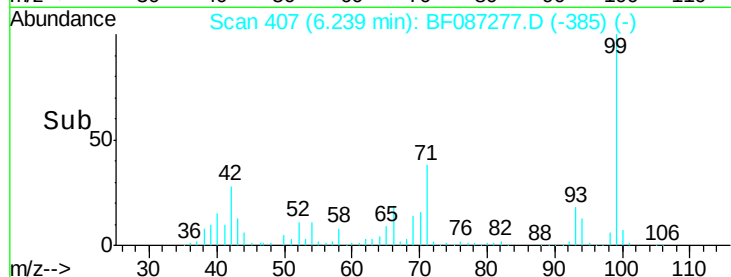
71 38.4 24.6 36.8#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.83 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.05 min

Lab File: BF087277.D

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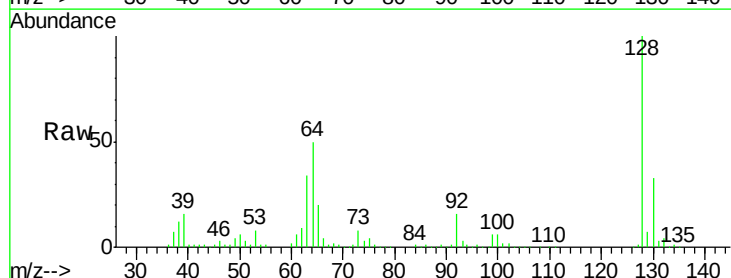
Tgt Ion: 128 Resp: 395293

Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

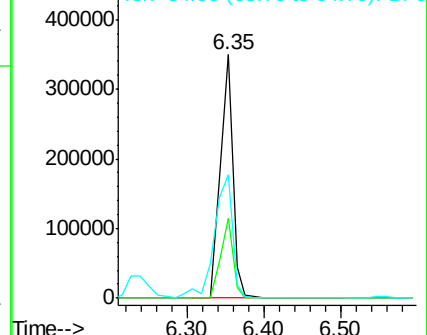
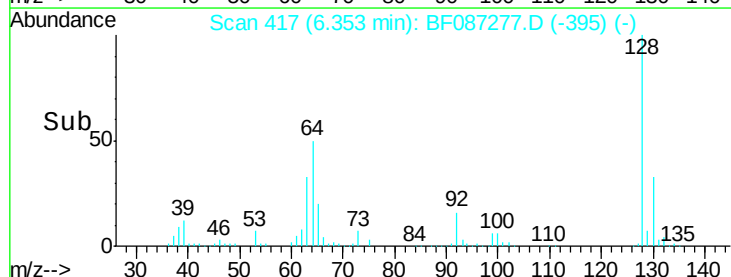
64 50.4 27.3 67.3

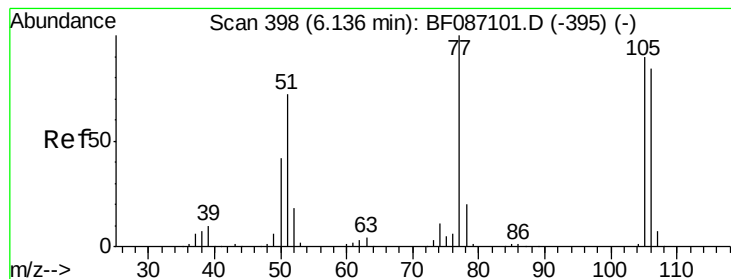


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.18 ng

RT: 6.10 min Scan# 395

Delta R.T. -0.05 min

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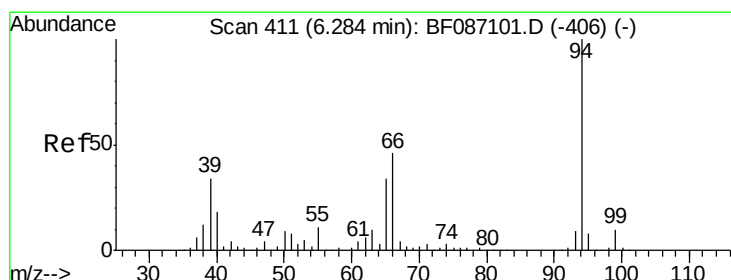
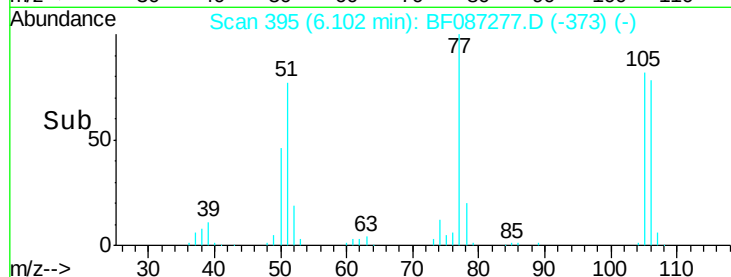
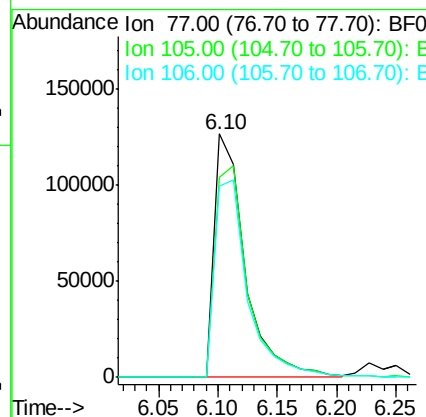
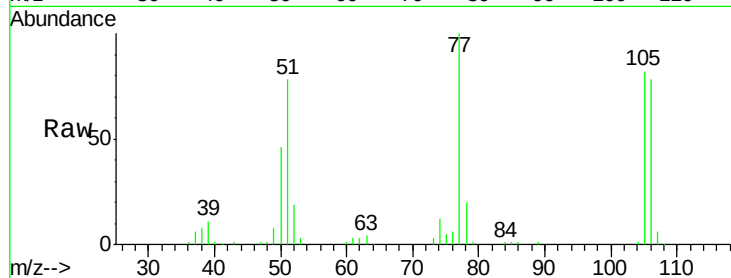
Tgt Ion: 77 Resp: 228176

Ion Ratio Lower Upper

77 100

105 81.9 72.7 112.7

106 78.5 70.8 110.8



#10

Phenol

Concen: 40.57 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.05 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

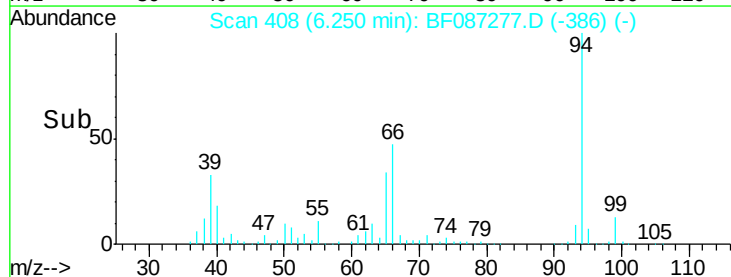
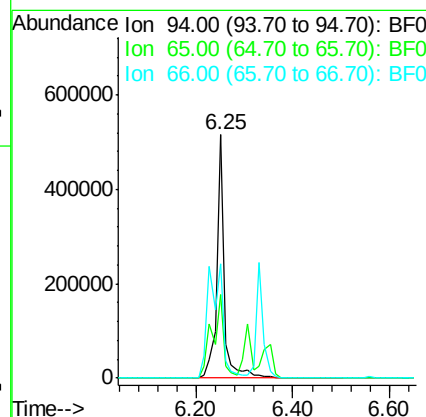
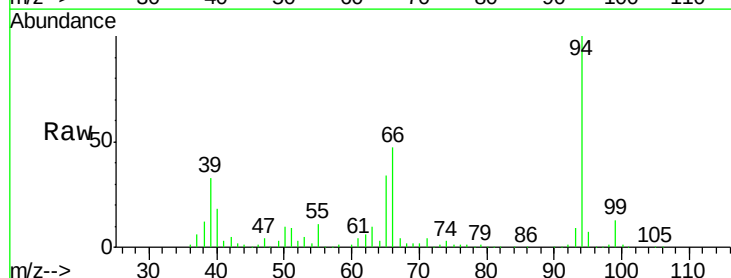
Tgt Ion: 94 Resp: 572314

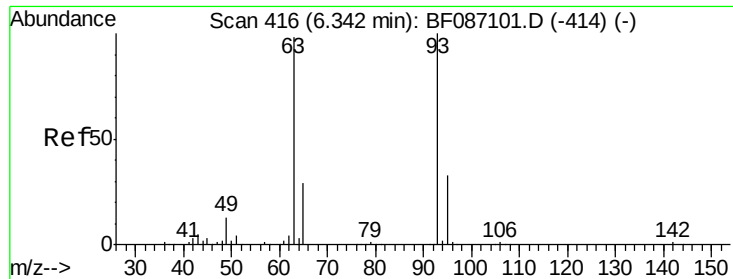
Ion Ratio Lower Upper

94 100

65 34.5 7.2 47.2

66 47.0 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 39.78 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

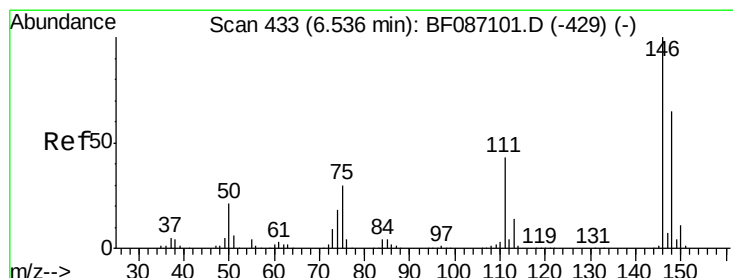
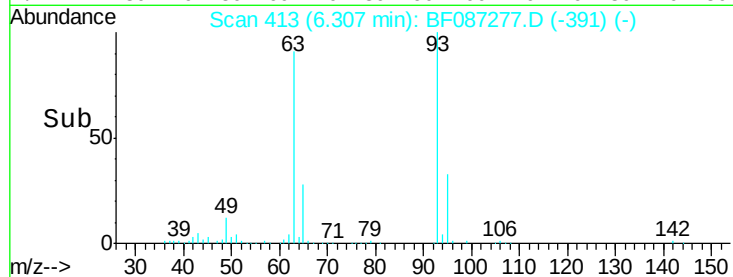
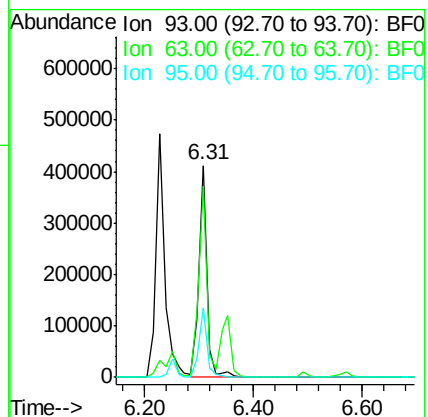
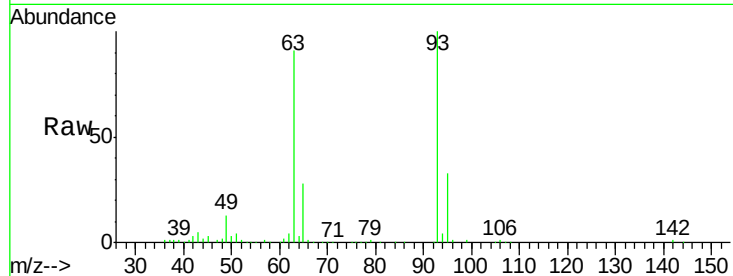
Tgt Ion: 93 Resp: 421281

Ion Ratio Lower Upper

93 100

63 90.6 58.0 98.0

95 32.8 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 38.33 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

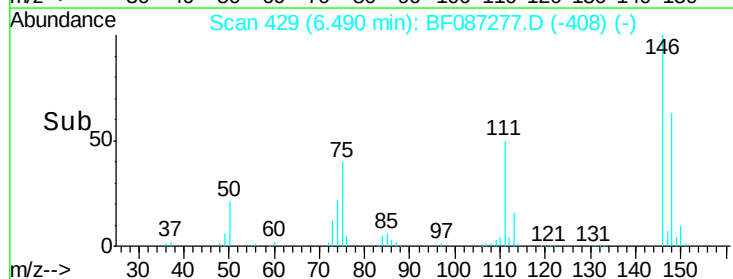
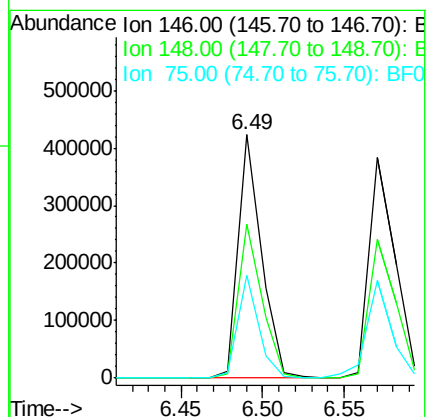
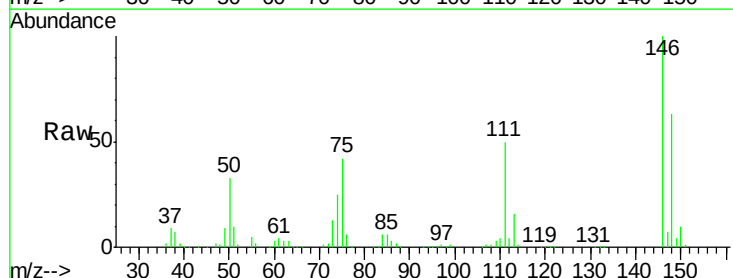
Tgt Ion: 146 Resp: 414729

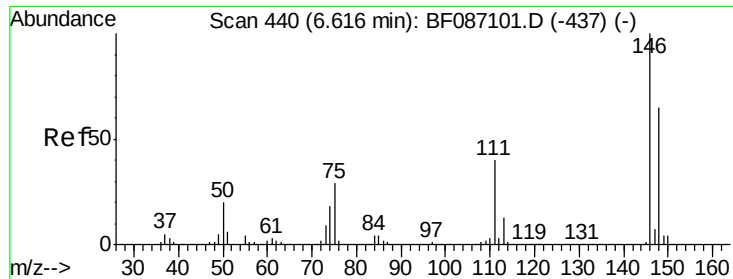
Ion Ratio Lower Upper

146 100

148 63.4 52.4 78.6

75 42.0 22.8 34.2#

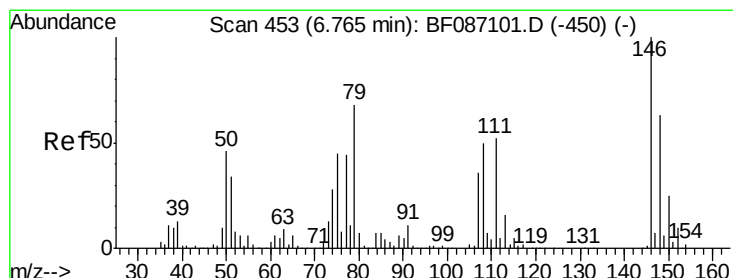
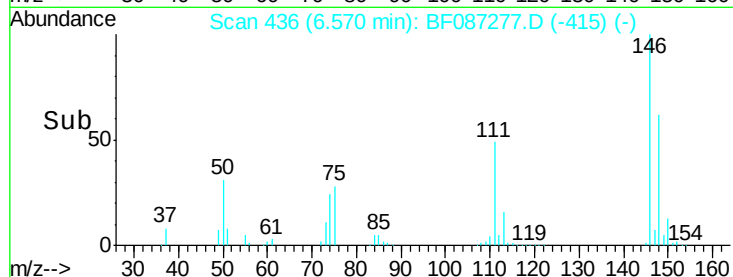
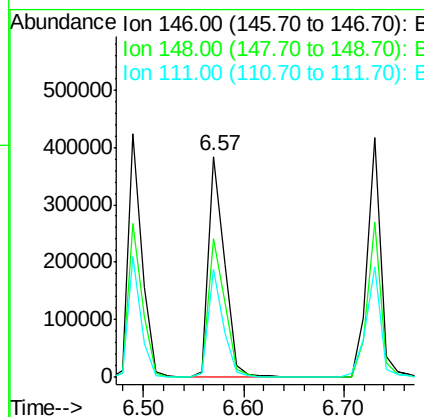
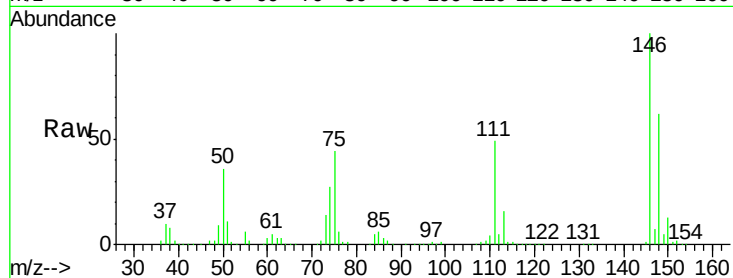




#13
 1,4-Dichlorobenzene
 Concen: 38.73 ng
 RT: 6.57 min Scan# 436
 Delta R.T. -0.06 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

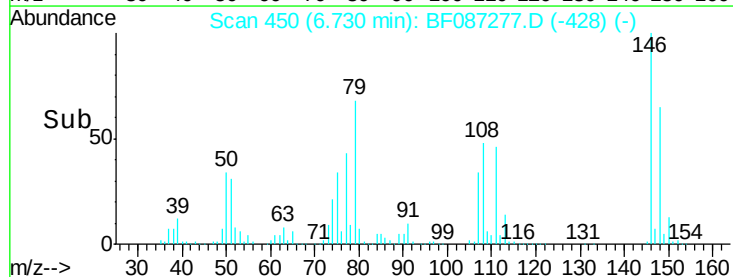
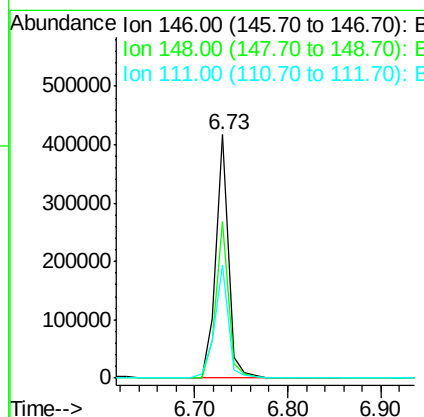
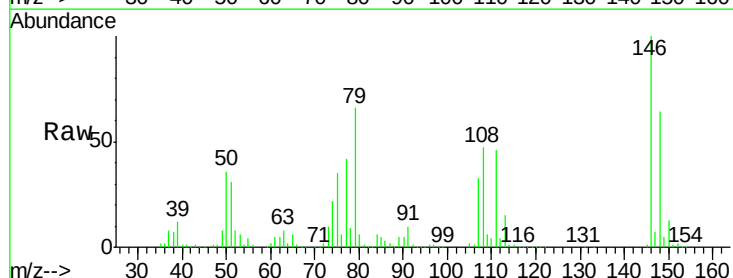
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

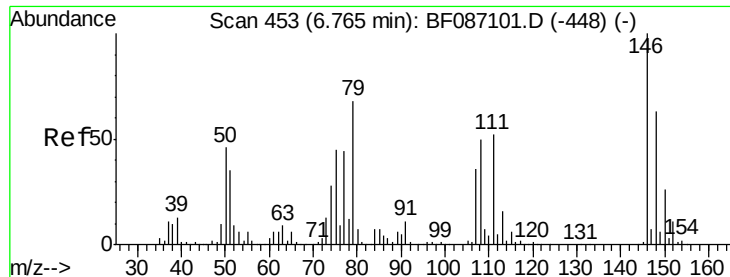
Tgt Ion:146 Resp: 428836
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.2 78.4
 111 49.0 30.7 46.1#



#14
 1,2-Dichlorobenzene
 Concen: 40.73 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Tgt Ion:146 Resp: 394739
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.6
 111 46.2 36.2 54.4





#15

Benzyl Alcohol

Concen: 41.66 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

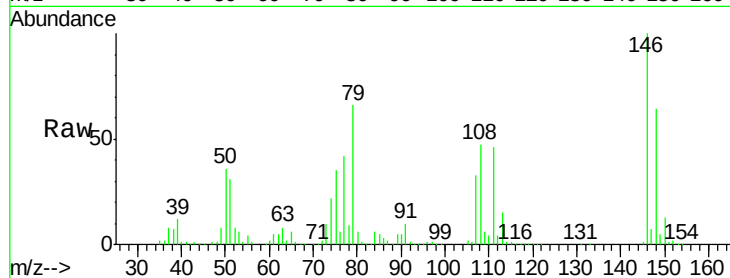
Tgt Ion: 79 Resp: 348007

Ion Ratio Lower Upper

79 100

108 70.2 68.4 102.6

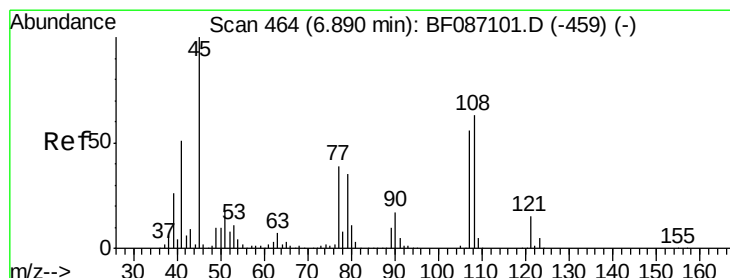
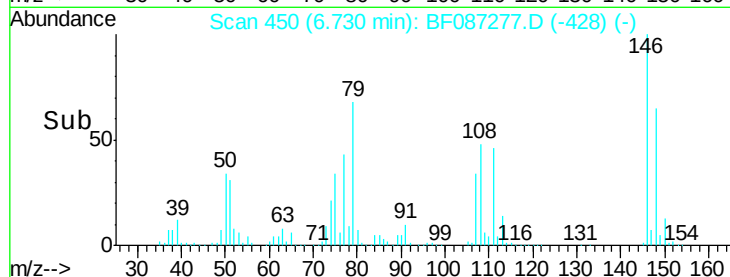
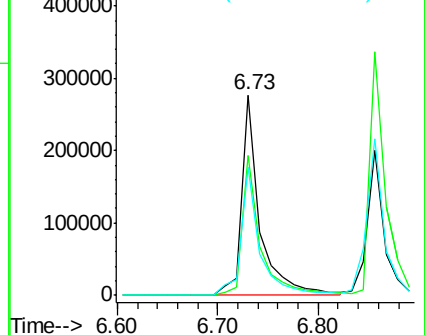
77 63.8 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.05 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

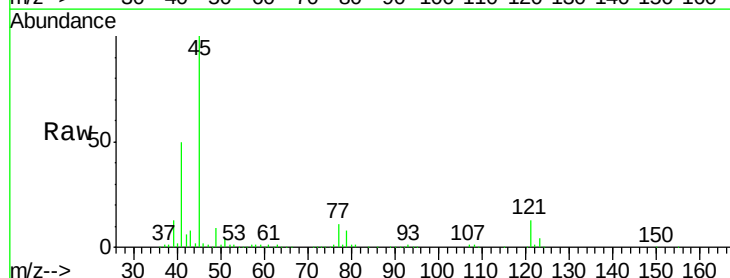
Tgt Ion: 45 Resp: 850246

Ion Ratio Lower Upper

45 100

77 10.7 0.0 36.4

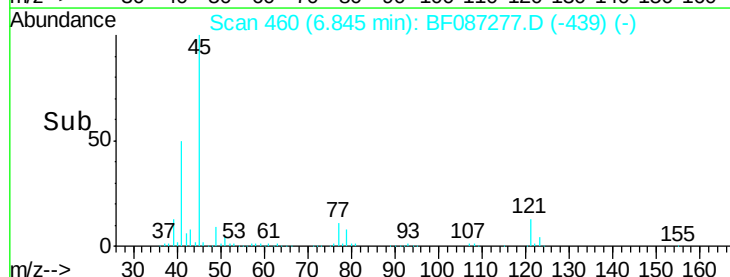
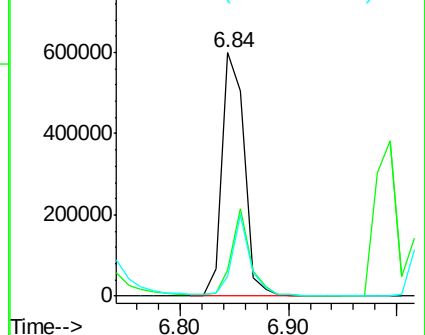
79 7.8 0.0 33.4

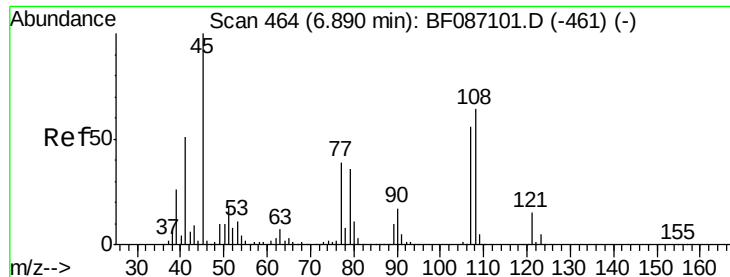


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

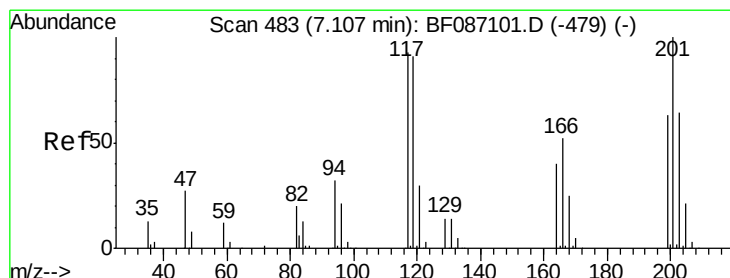
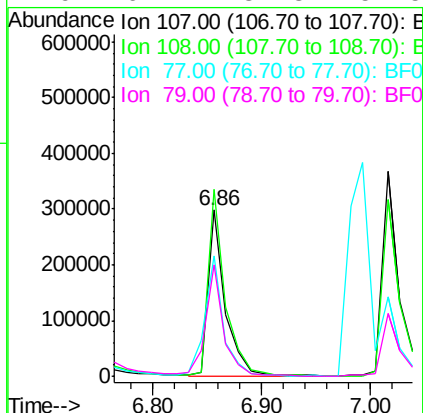
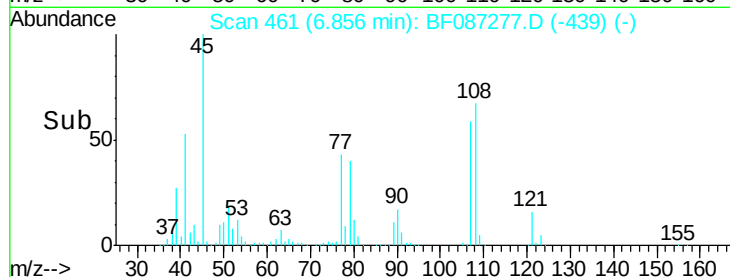
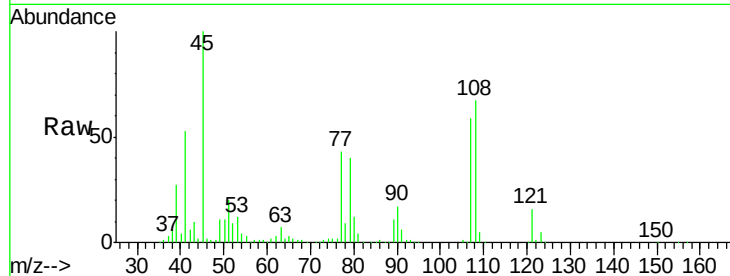




#17
2-Methylphenol
Concen: 38.85 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.05 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

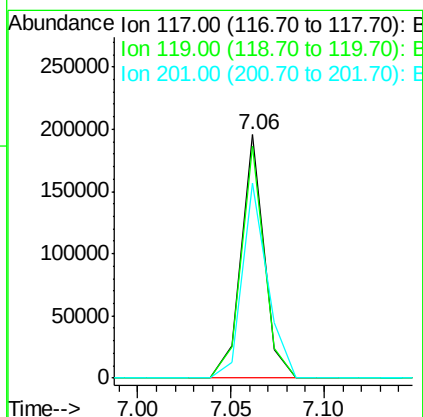
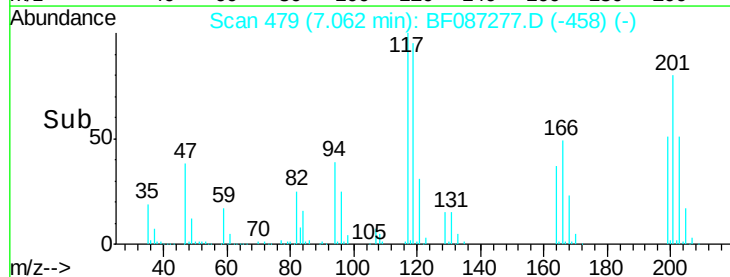
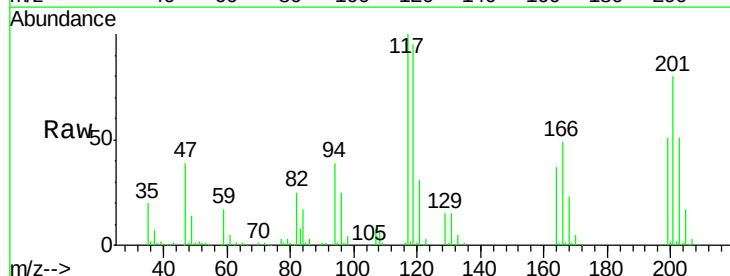
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

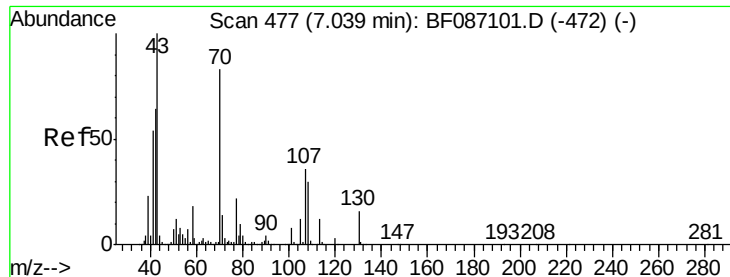
Tgt Ion:107 Resp: 324773
Ion Ratio Lower Upper
107 100
108 112.8 93.7 140.5
77 72.3 33.4 50.0#
79 67.4 34.3 51.5#



#18
Hexachloroethane
Concen: 39.80 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.06 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Tgt Ion:117 Resp: 168453
Ion Ratio Lower Upper
117 100
119 95.1 76.5 114.7
201 80.1 63.0 94.6

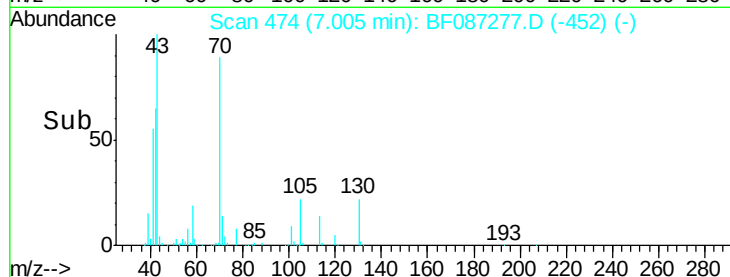
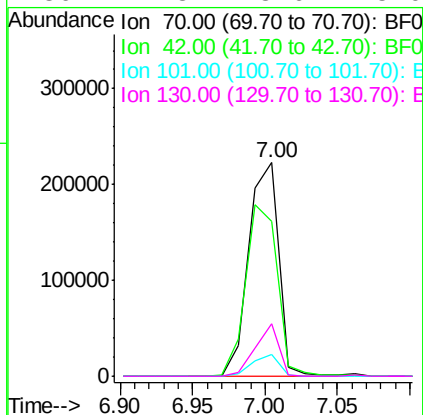
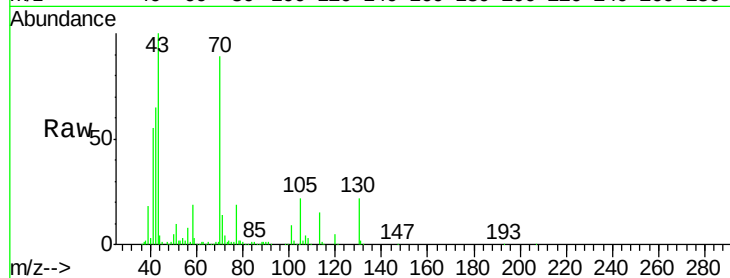




#19
n-Nitroso-di-n-propylamine
Concen: 37.50 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.05 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

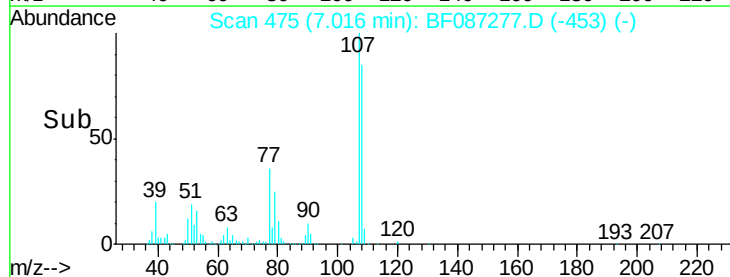
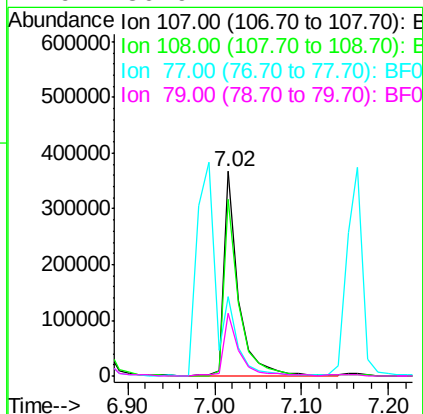
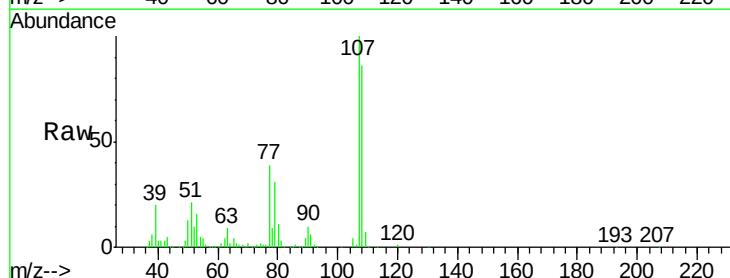
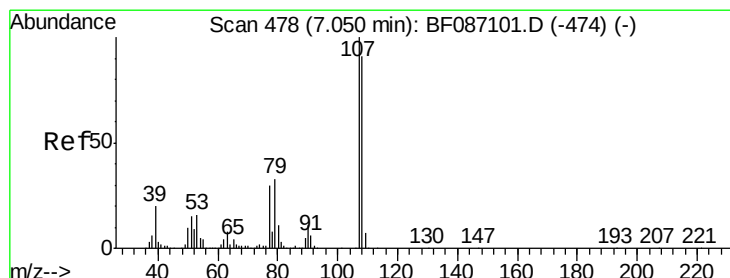
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

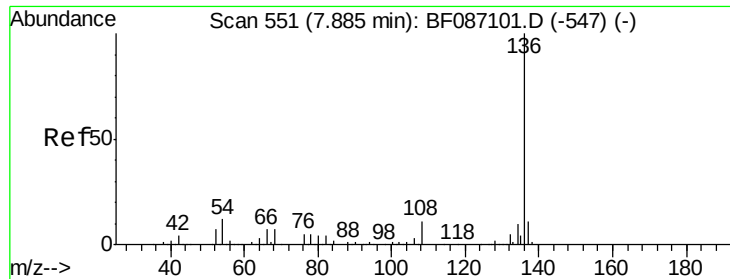
Tgt Ion: 70 Resp: 319821
Ion Ratio Lower Upper
70 100
42 72.7 43.1 64.7#
101 10.5 8.1 12.1
130 24.3 18.6 28.0



#20
3+4-Methylphenols
Concen: 38.49 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.05 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Tgt Ion: 107 Resp: 424458
Ion Ratio Lower Upper
107 100
108 86.5 68.5 108.5
77 39.1 101.6 141.6#
79 30.9 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.85 min Scan# 548

Delta R.T. -0.05 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 607172

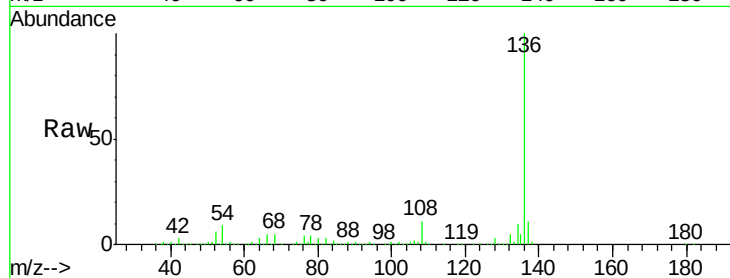
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.3 5.0 7.4#

68 4.9 4.4 6.6

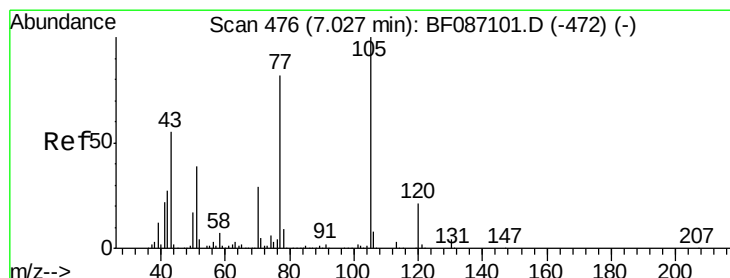
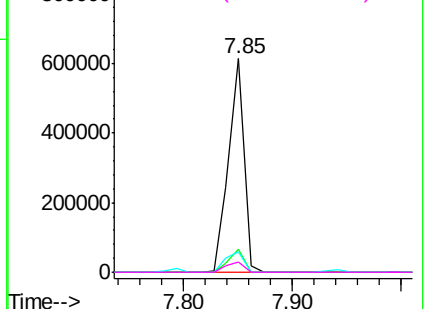
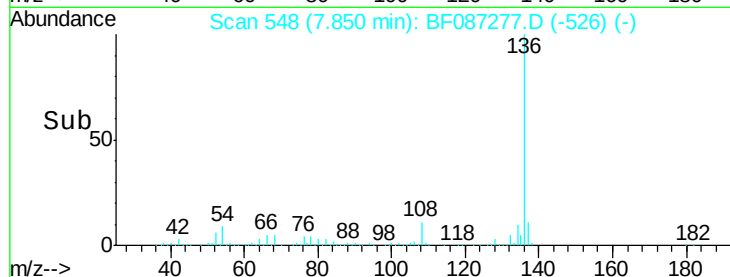


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.68 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.05 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Tgt Ion:105 Resp: 619308

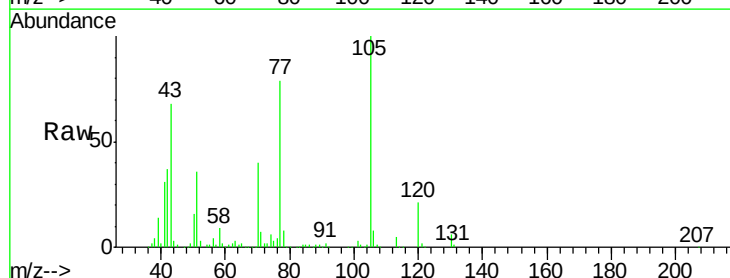
Ion Ratio Lower Upper

105 100

71 6.8 4.8 7.2

51 35.9 32.6 49.0

120 20.7 16.5 24.7

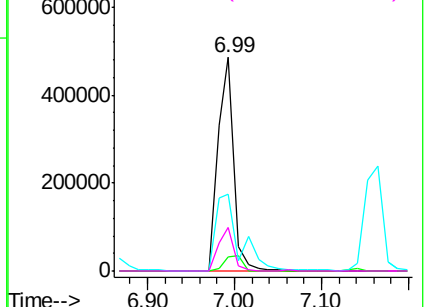
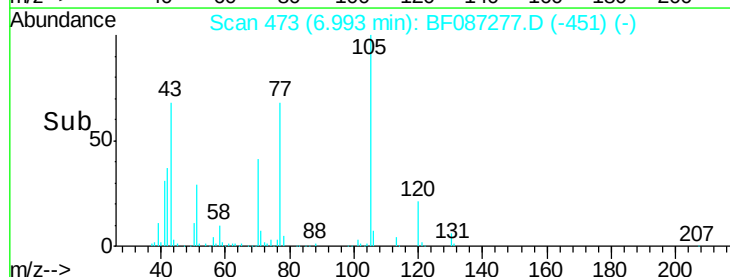


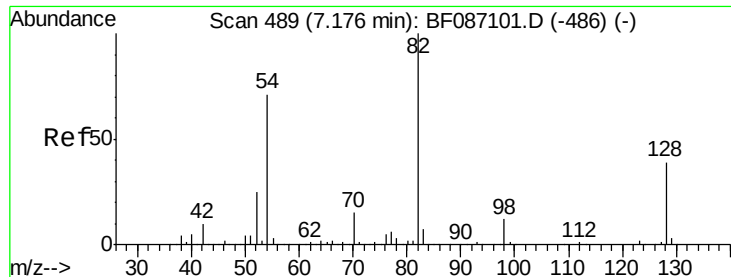
Abundance Ion 105.00 (104.70 to 105.70): E

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

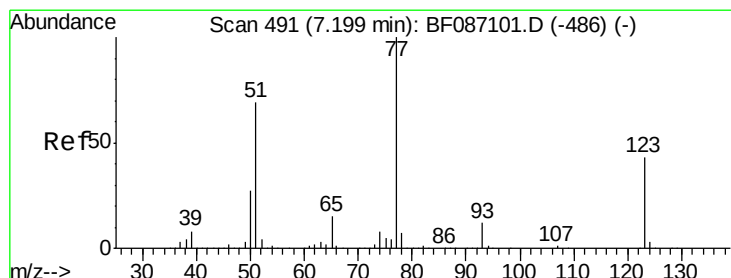
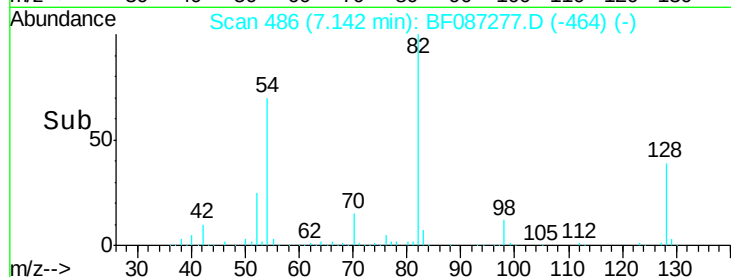
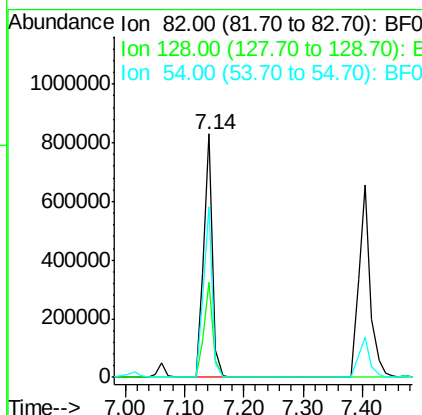
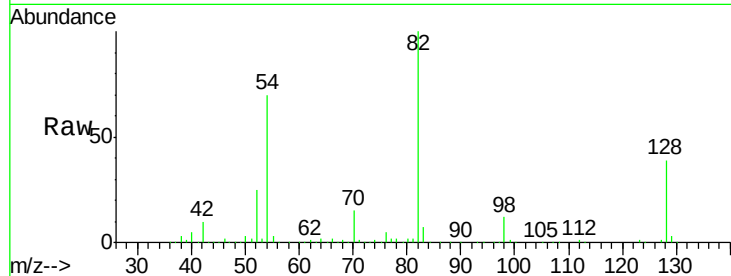




#23
 Nitrobenzene-d5
 Concen: 73.48 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

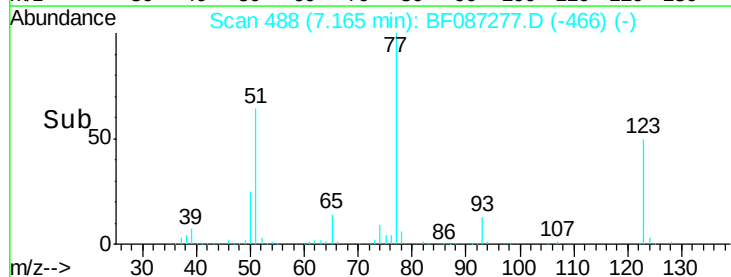
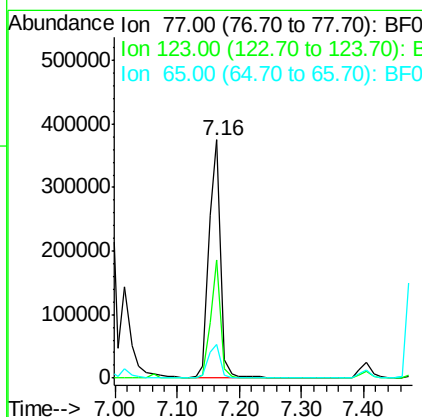
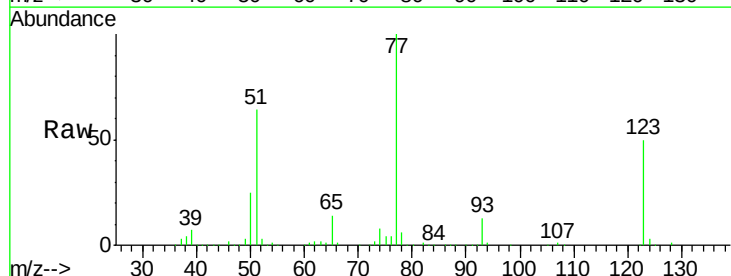
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

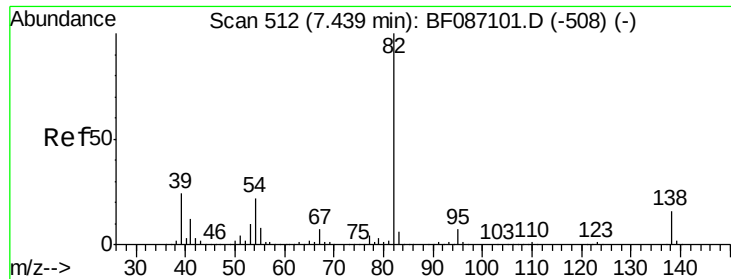
Tgt Ion: 82 Resp: 895235
 Ion Ratio Lower Upper
 82 100
 128 39.1 40.6 61.0#
 54 70.1 38.1 57.1#



#24
 Nitrobenzene
 Concen: 36.26 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Tgt Ion: 77 Resp: 482354
 Ion Ratio Lower Upper
 77 100
 123 49.6 33.0 49.4#
 65 14.3 10.8 16.2





#25

Isophorone

Concen: 39.22 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.05 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

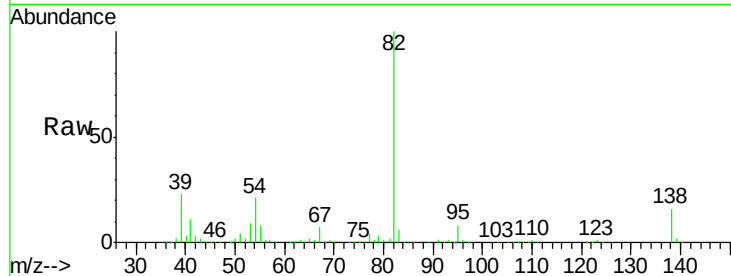
Tgt Ion: 82 Resp: 874747

Ion Ratio Lower Upper

82 100

95 7.5 5.1 7.7

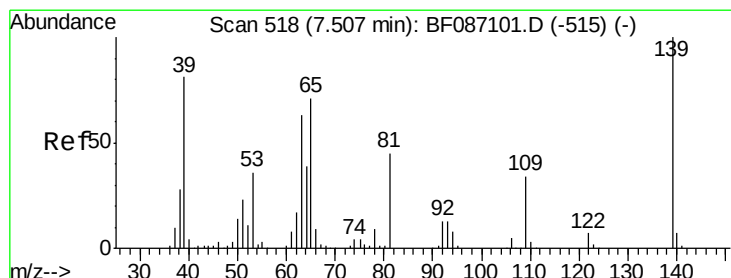
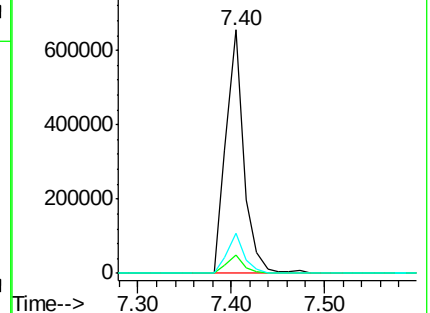
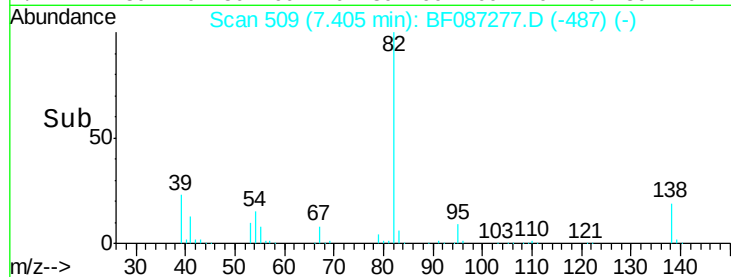
138 16.5 12.4 18.6



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: 38.33 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.05 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

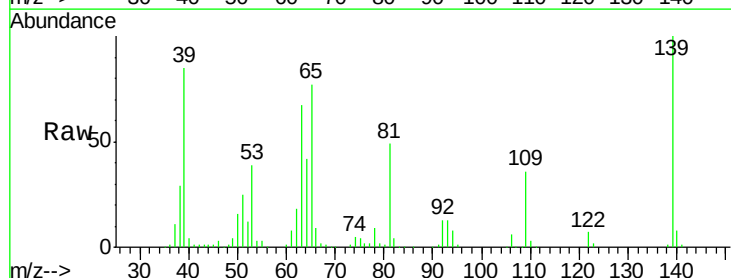
Tgt Ion: 139 Resp: 211212

Ion Ratio Lower Upper

139 100

109 35.6 19.5 29.3#

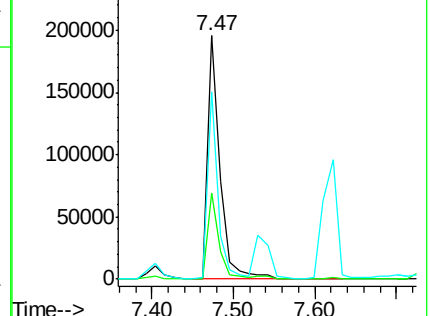
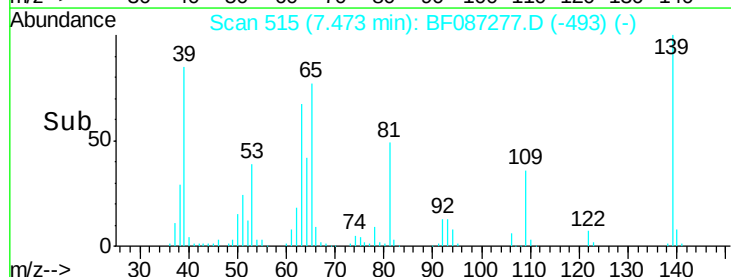
65 76.7 37.5 56.3#

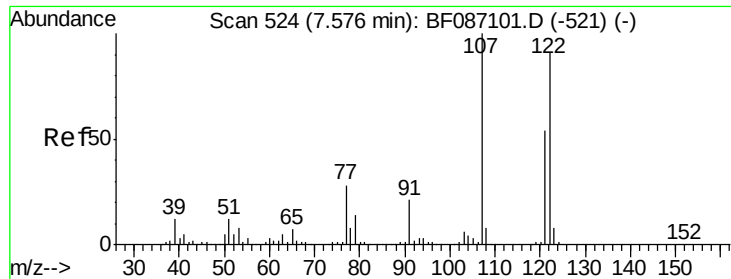


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

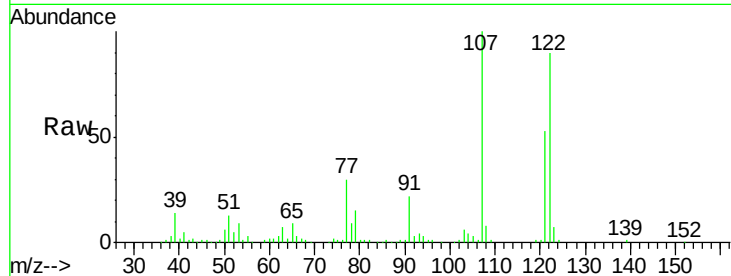




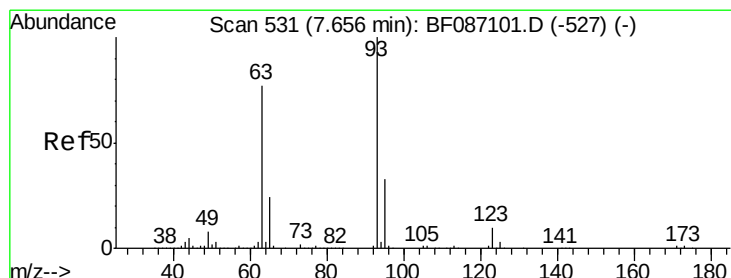
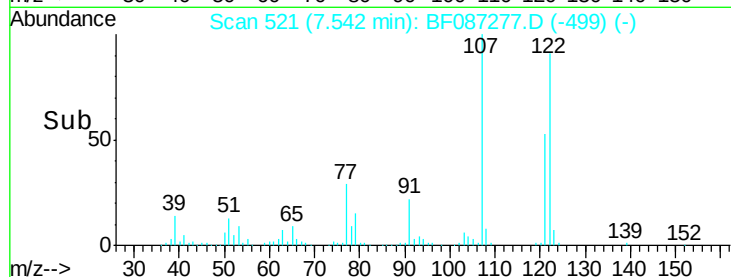
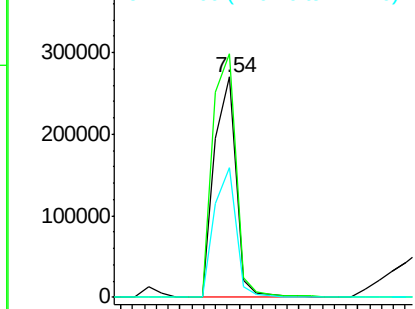
#27
 2,4-Dimethylphenol
 Concen: 36.25 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:122 Resp: 340901
 Ion Ratio Lower Upper
 122 100
 107 110.6 82.0 123.0
 121 58.7 46.1 69.1

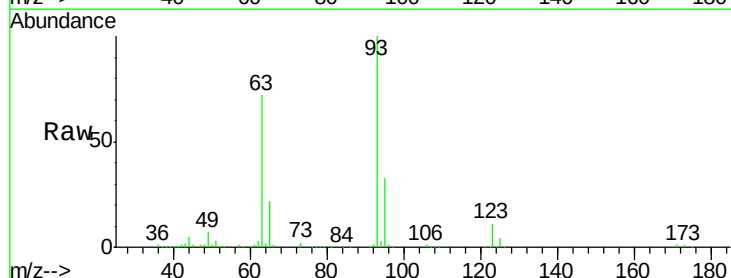


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

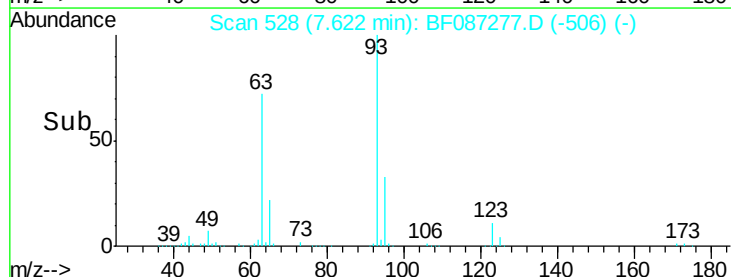
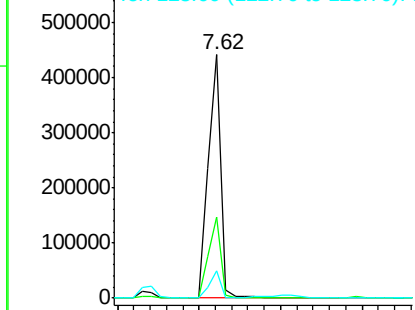


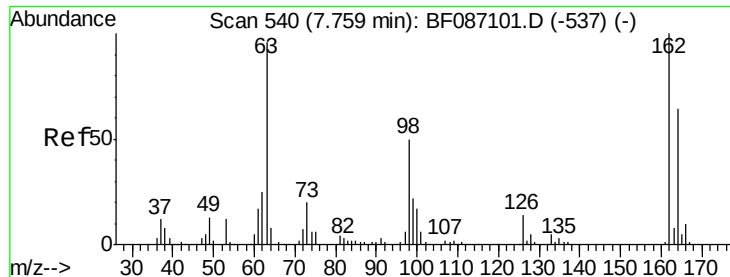
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.66 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Tgt Ion: 93 Resp: 485621
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.0 39.0
 123 11.3 9.5 14.3



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

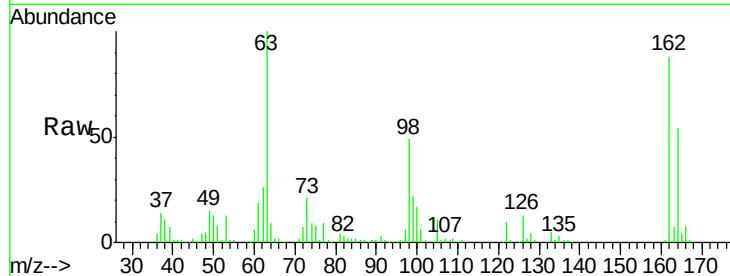




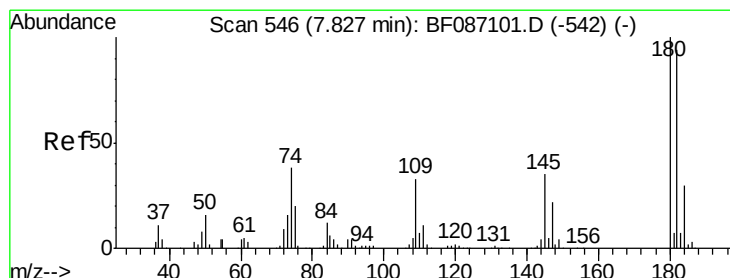
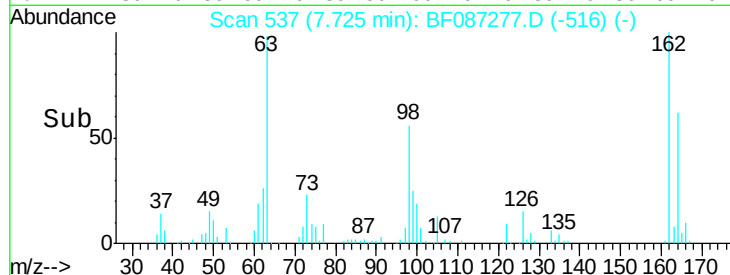
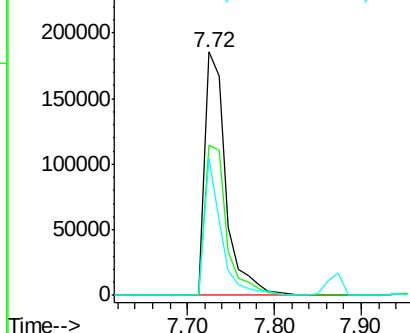
#29
2,4-Dichlorophenol
Concen: 37.78 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.06 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.8	42.2	82.2
98	56.2	19.0	59.0

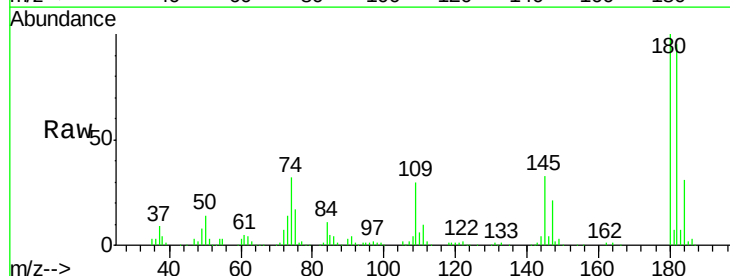


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

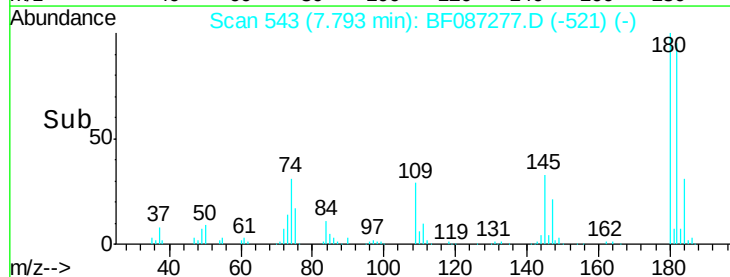
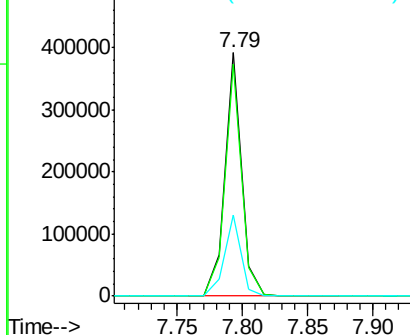


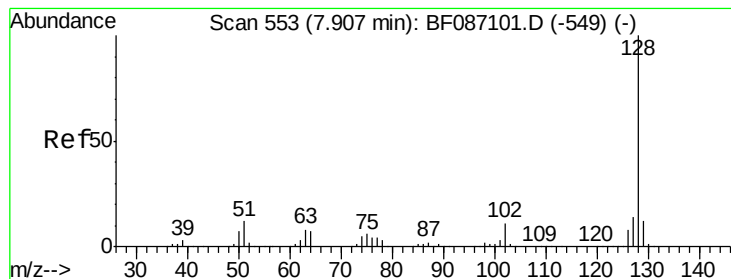
#30
1,2,4-Trichlorobenzene
Concen: 38.13 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.0	117.0
145	33.3	24.2	36.2



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: 39.78 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

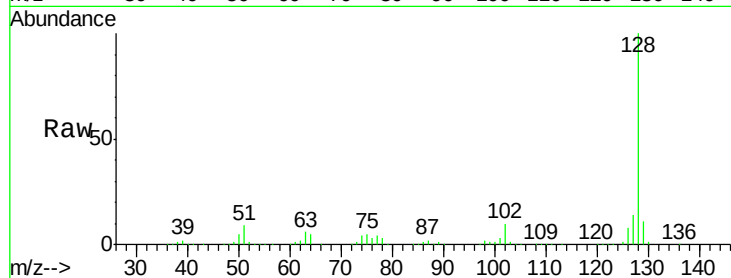
Tgt Ion:128 Resp: 1180124

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

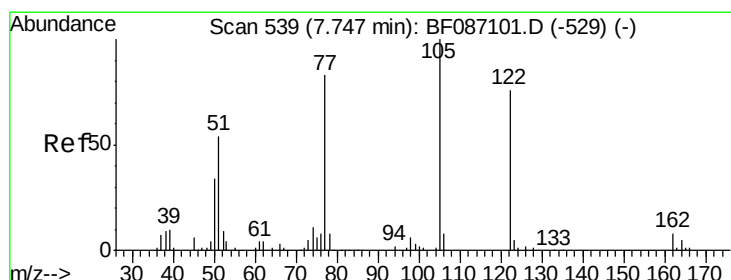
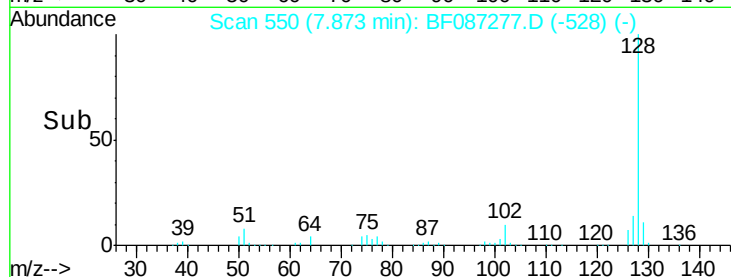
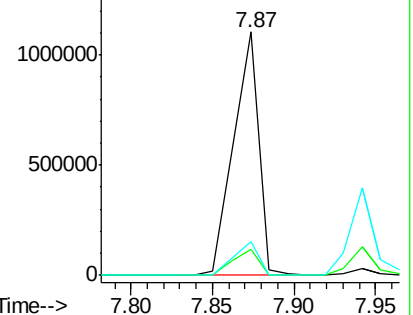
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.82 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

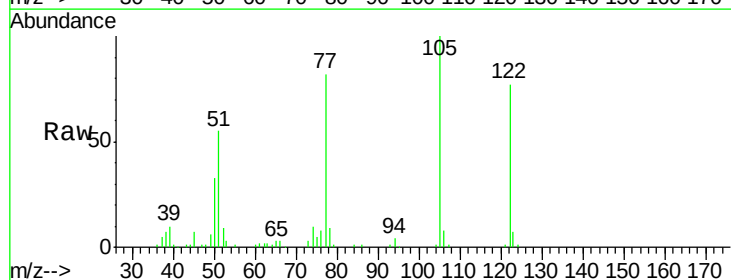
Tgt Ion:122 Resp: 206373

Ion Ratio Lower Upper

122 100

105 129.2 92.6 132.6

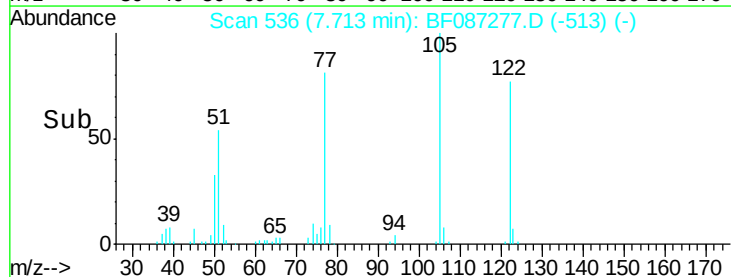
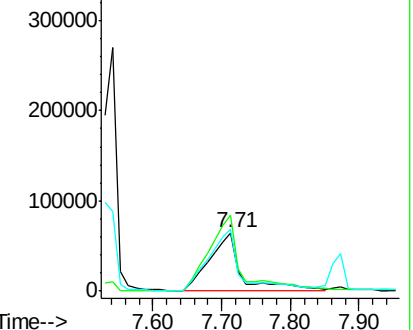
77 105.5 60.0 100.0#

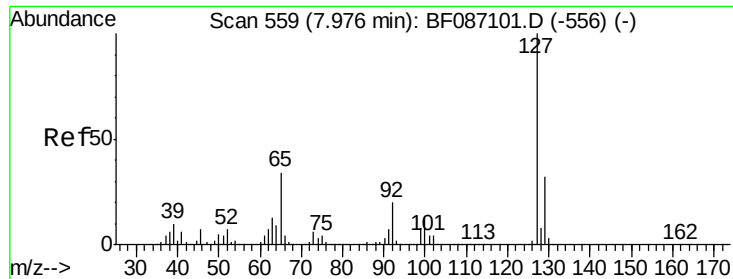


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

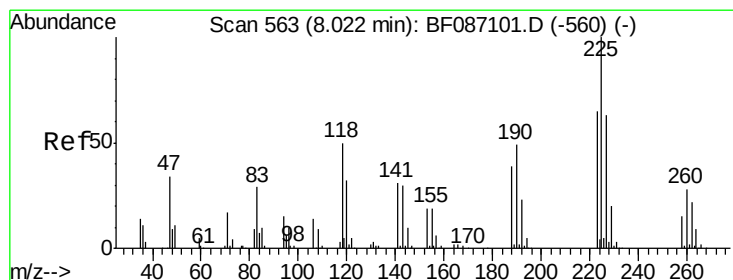
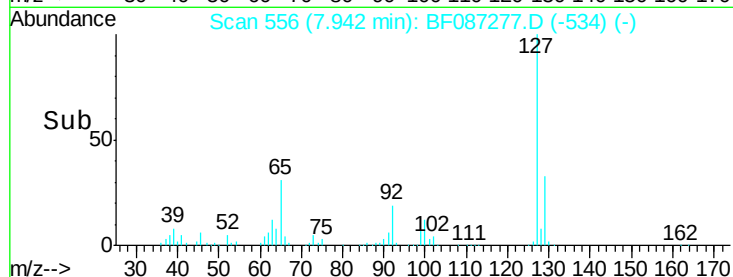
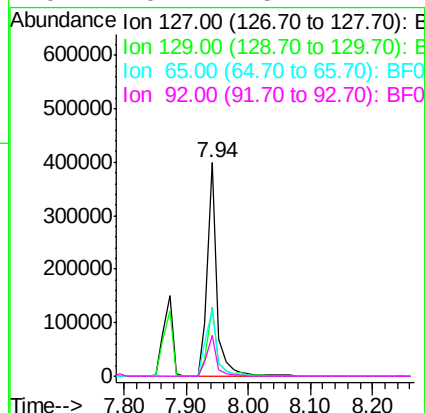
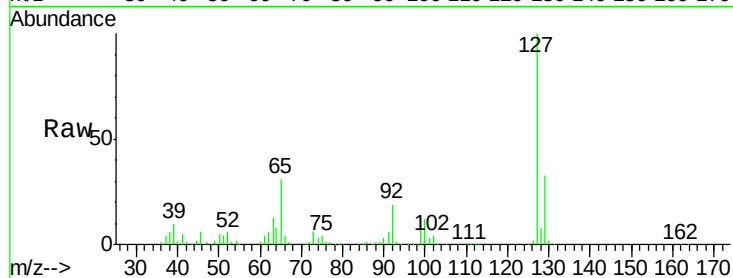




#33
 4-Chloroaniline
 Concen: 35.15 ng
 RT: 7.94 min Scan# 556
 Delta R.T. -0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

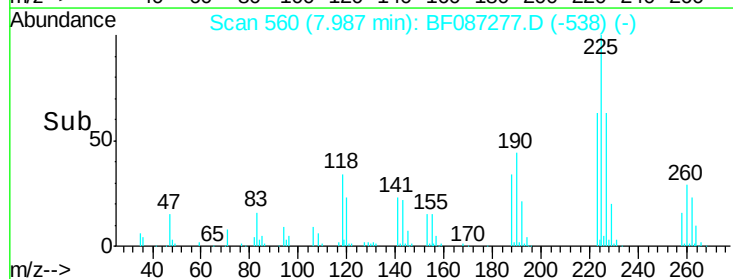
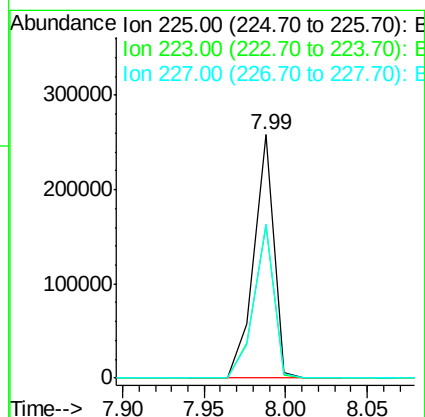
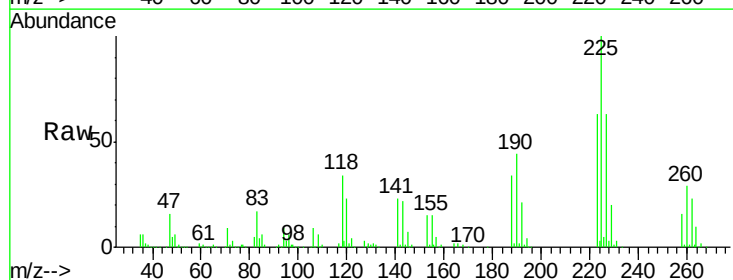
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

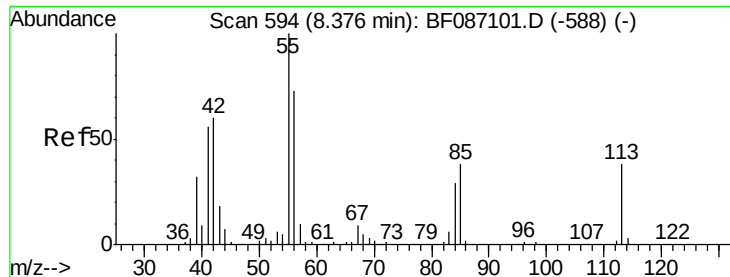
Tgt Ion:	127	Resp:	433382
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	31.4	23.0	34.4
92	19.1	15.1	22.7



#34
 Hexachlorobutadiene
 Concen: 42.50 ng
 RT: 7.99 min Scan# 560
 Delta R.T. -0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Tgt Ion:	225	Resp:	221773
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.5	77.3
227	63.5	52.2	78.2

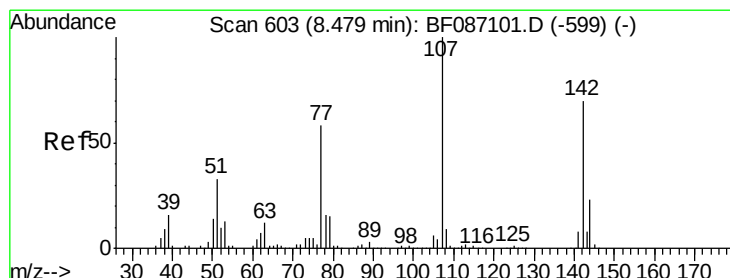
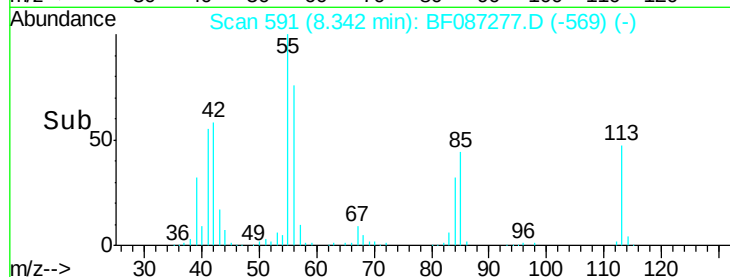
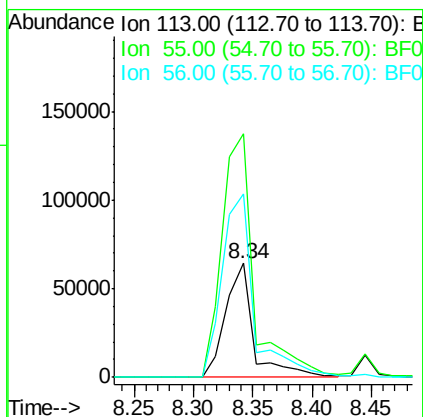
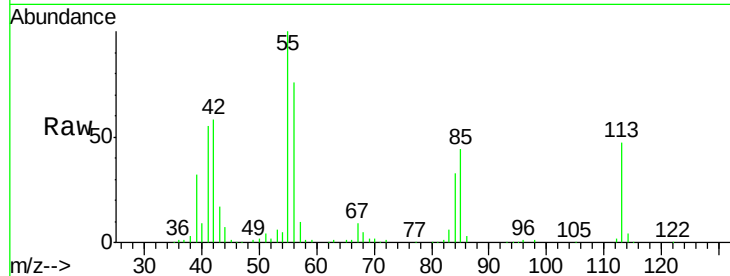




#35
 Caprolactam
 Concen: 38.33 ng
 RT: 8.34 min Scan# 591
 Delta R.T. -0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

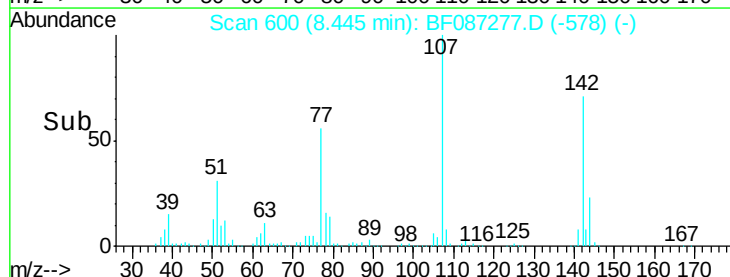
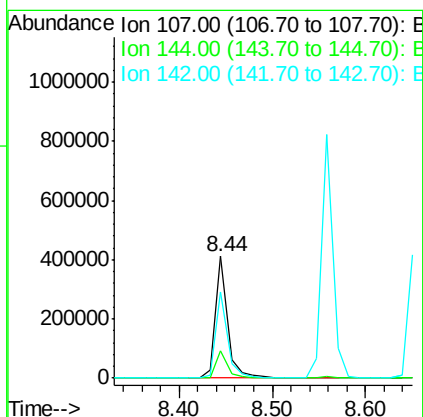
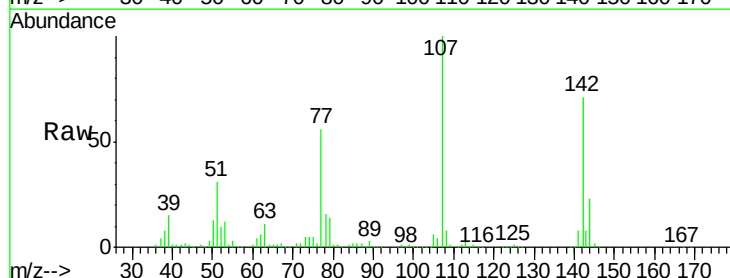
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

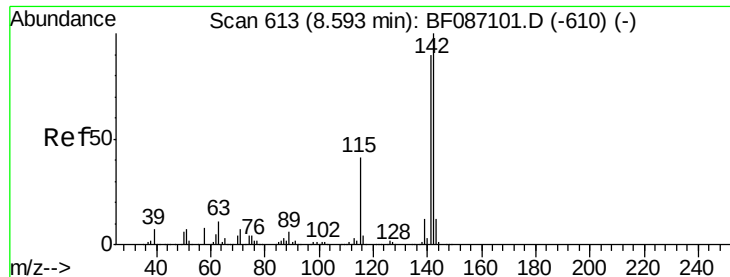
Tgt Ion:113 Resp: 105757
 Ion Ratio Lower Upper
 113 100
 55 213.6 162.0 202.0#
 56 161.3 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 37.33 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Tgt Ion:107 Resp: 373117
 Ion Ratio Lower Upper
 107 100
 144 22.8 20.7 31.1
 142 70.6 63.2 94.8

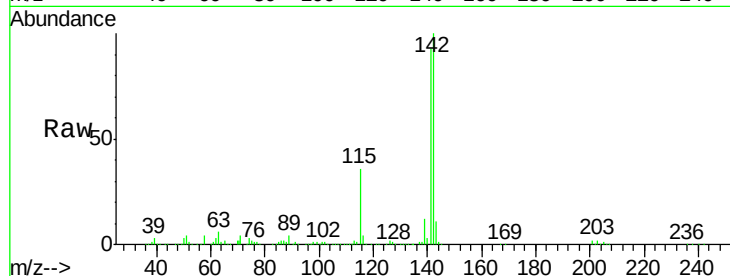




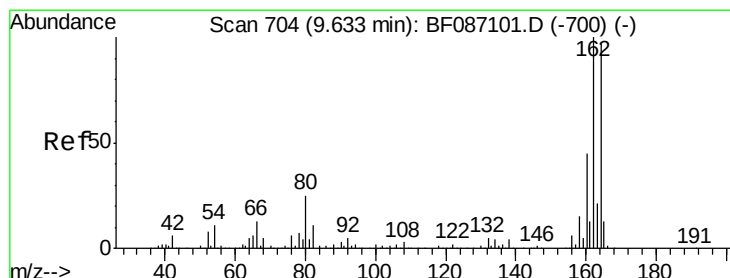
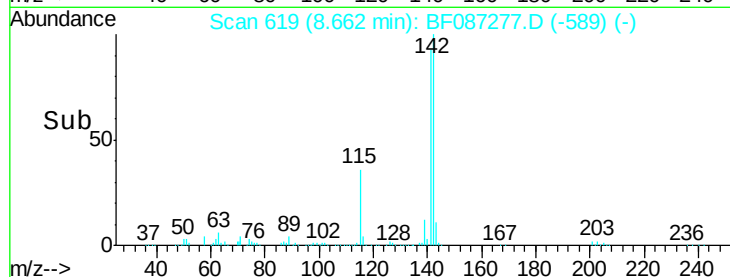
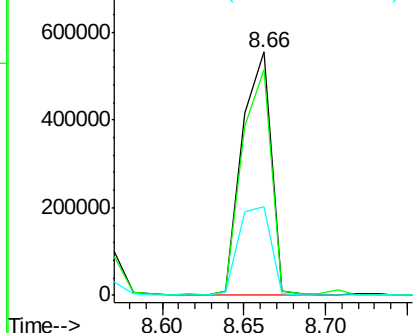
#37
 2-Methylnaphthalene
 Concen: 35.68 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:142 Resp: 677094
 Ion Ratio Lower Upper
 142 100
 141 92.5 71.0 106.6
 115 36.2 26.6 39.8

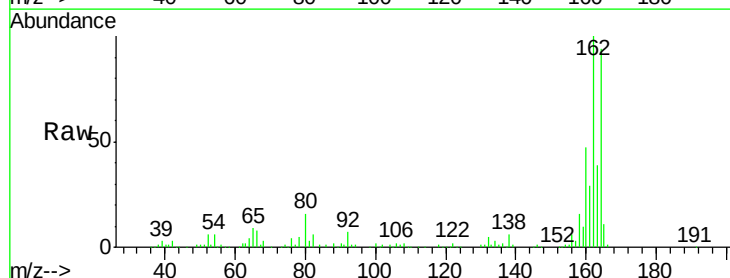


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

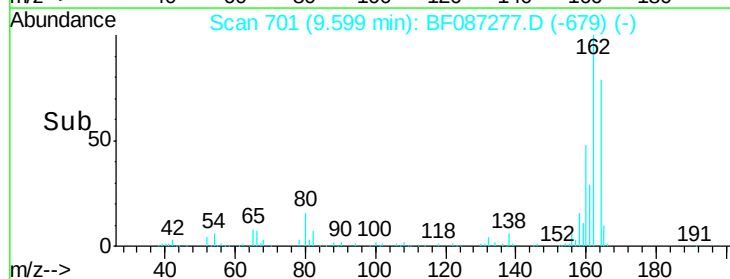
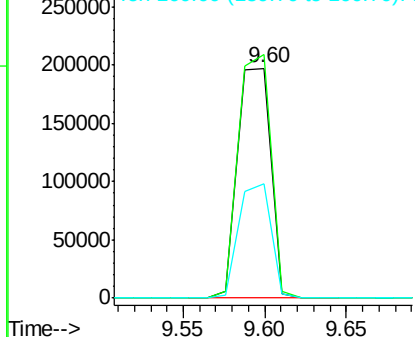


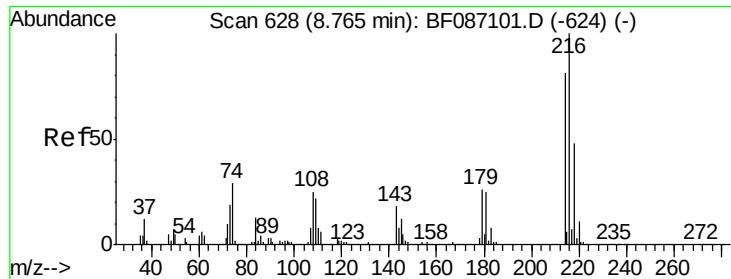
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Tgt Ion:164 Resp: 275975
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.8 124.2
 160 49.8 36.9 55.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.13 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 347644

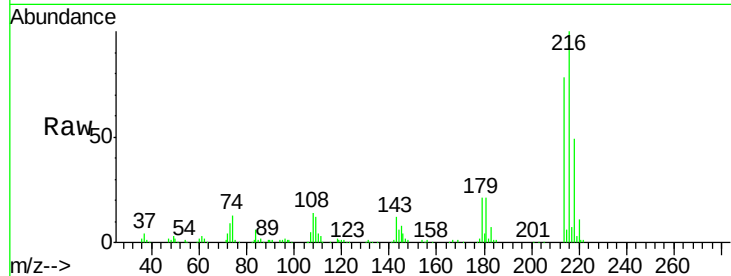
Ion Ratio Lower Upper

216 100

214 79.3 62.6 93.8

179 23.4 18.2 27.4

108 21.0 17.5 26.3

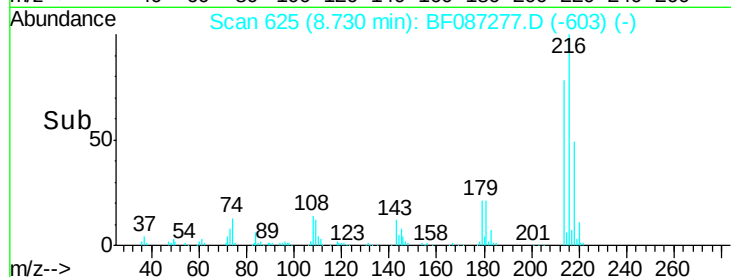


Abundance Ion 216.00 (215.70 to 216.70): E

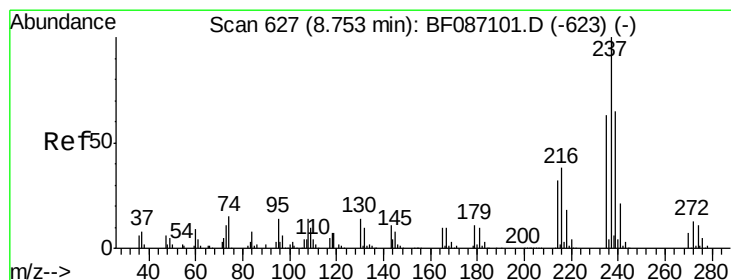
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 28.88 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

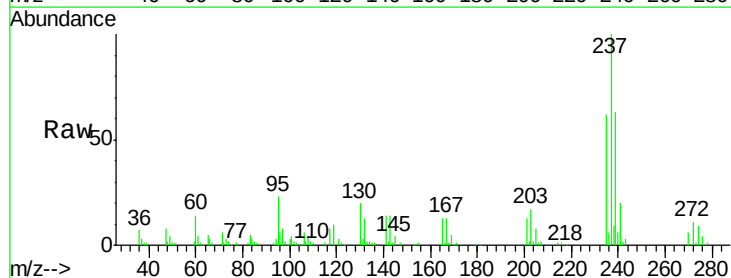
Tgt Ion:237 Resp: 72571

Ion Ratio Lower Upper

237 100

235 62.0 47.2 87.2

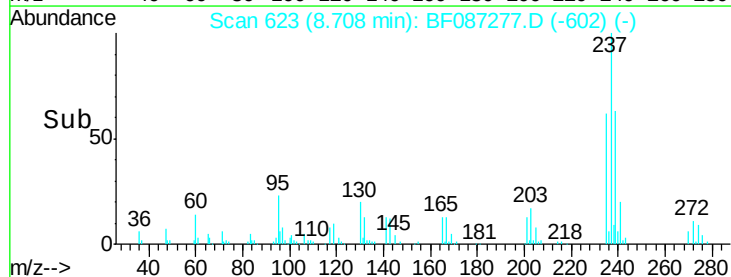
272 11.4 0.0 31.1



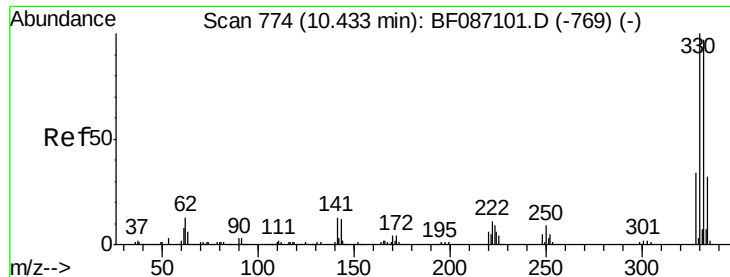
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



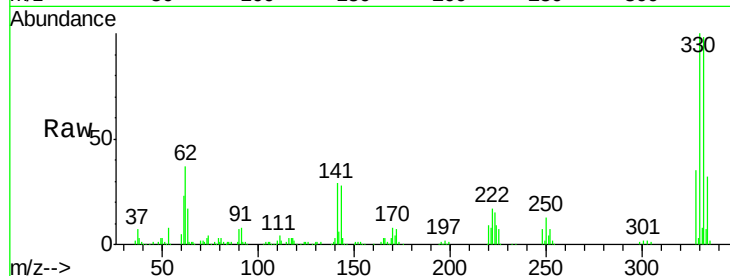
Time-->



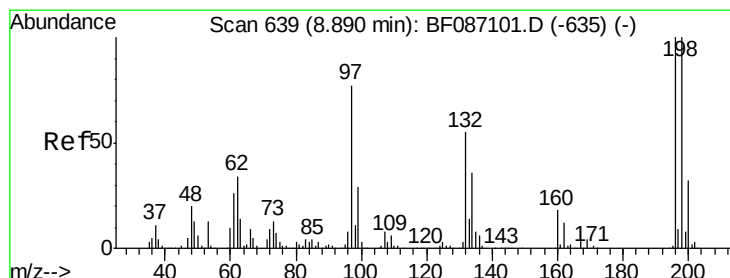
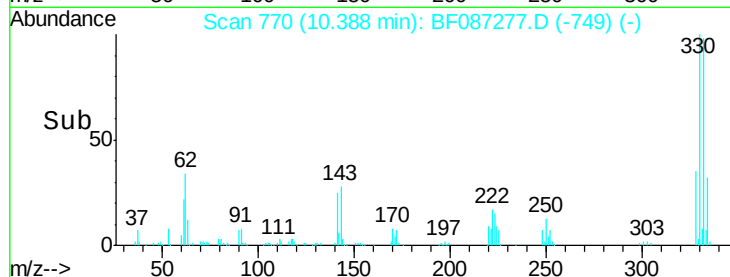
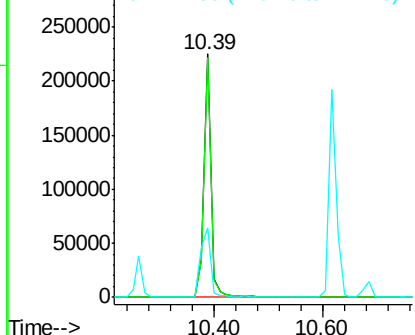
#41
 2,4,6-Tribromophenol
 Concen: 66.94 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.06 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	79.0	118.4
141	41.6	31.2	46.8

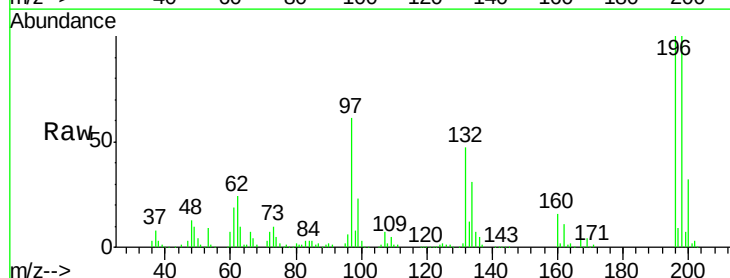


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

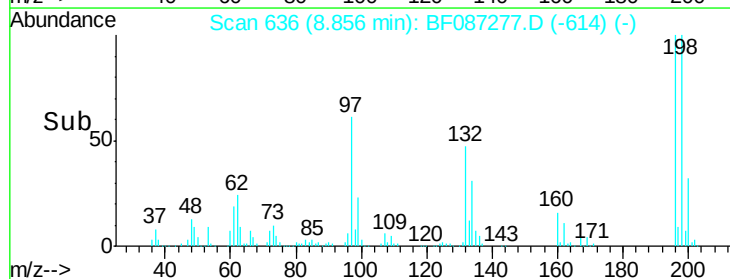
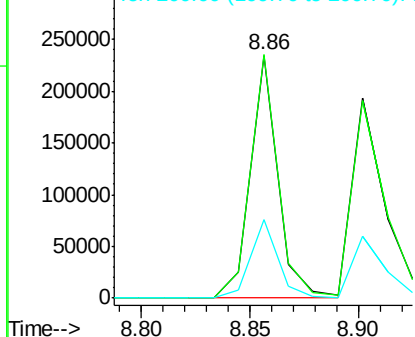


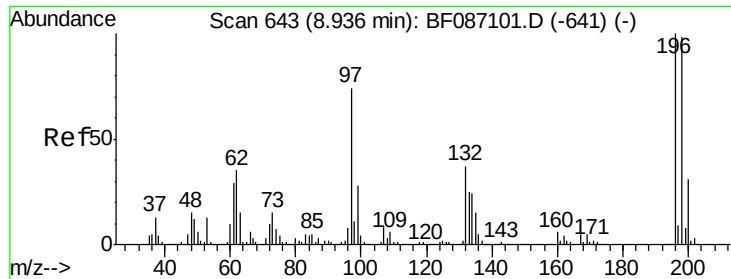
#42
 2,4,6-Trichlorophenol
 Concen: 39.44 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.5	74.7	112.1
200	32.3	23.8	35.6



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

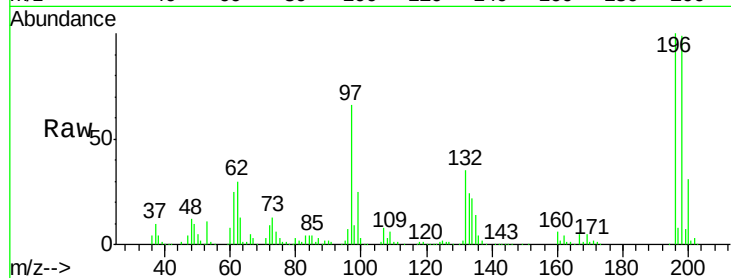




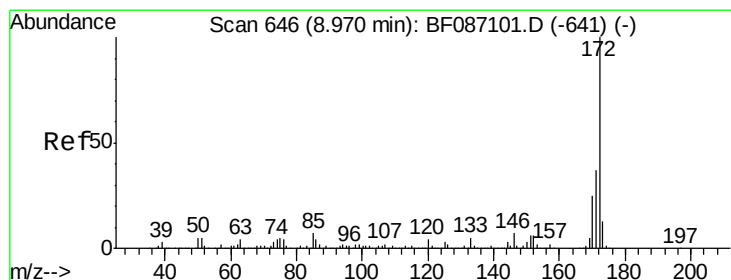
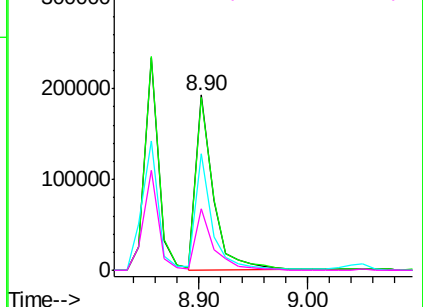
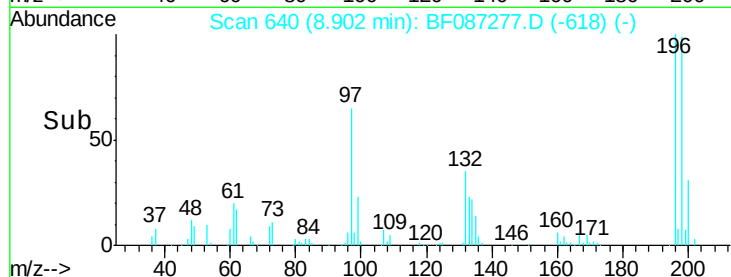
#43
 2,4,5-Trichlorophenol
 Concen: 39.67 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.9	77.5	116.3
97	66.1	34.8	52.2
132	34.8	23.0	34.4

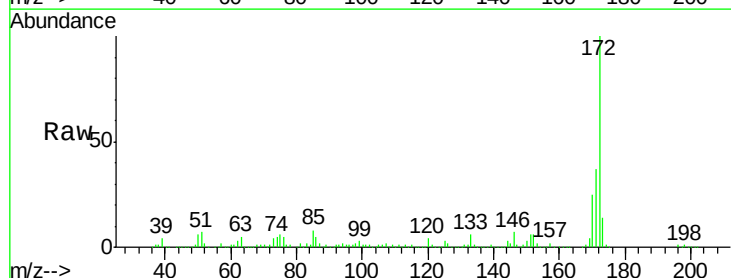


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

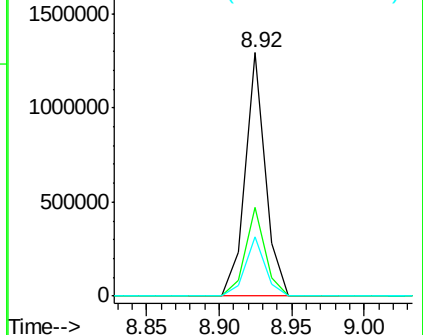
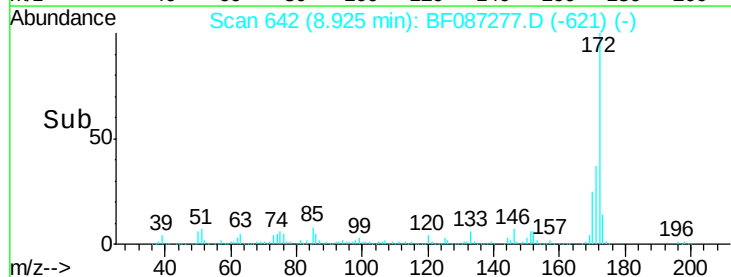


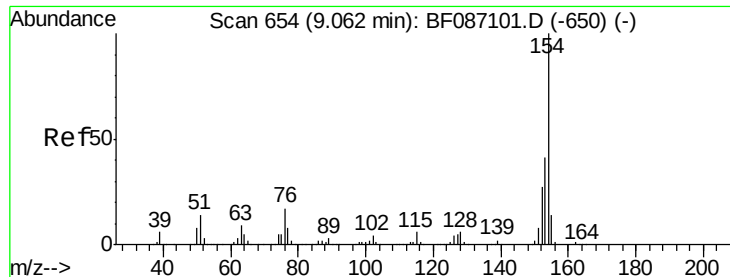
#44
 2-Fluorobiphenyl
 Concen: 74.86 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.06 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.6	19.8	29.8



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

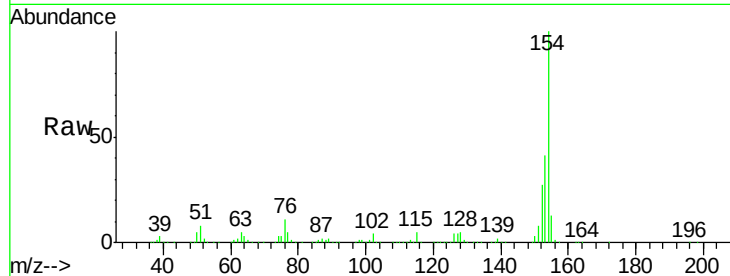




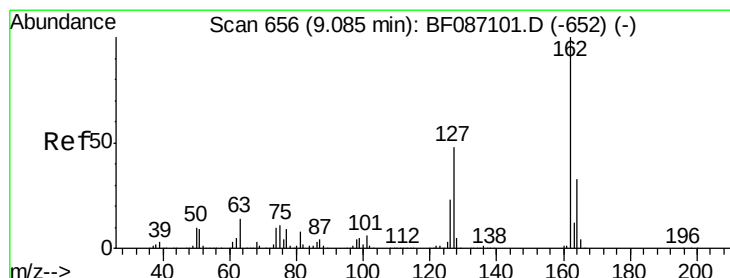
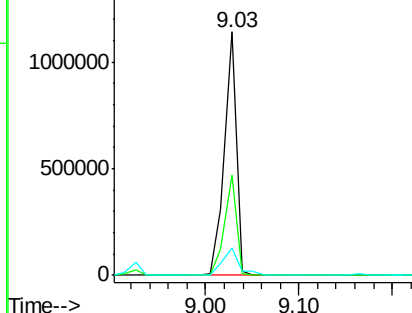
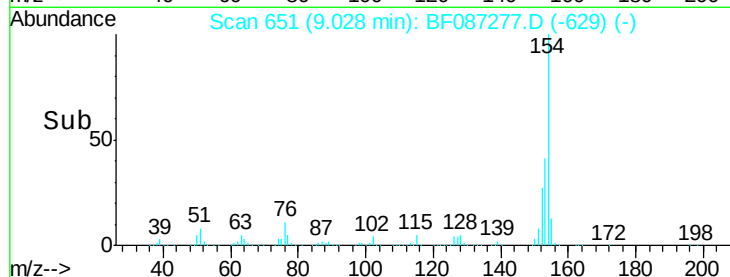
#45
 1,1'-Biphenyl
 Concen: 44.59 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 1020422
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.3 60.3
 76 11.0 0.0 30.2

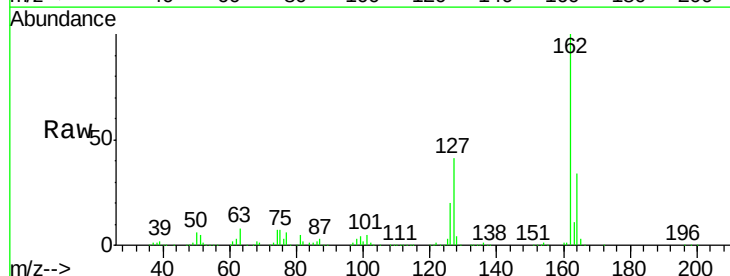


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

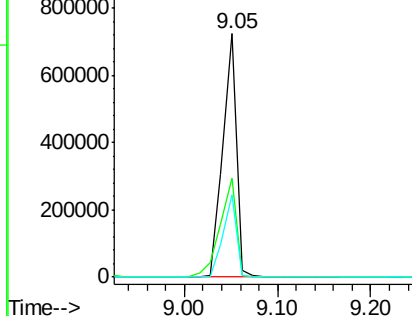
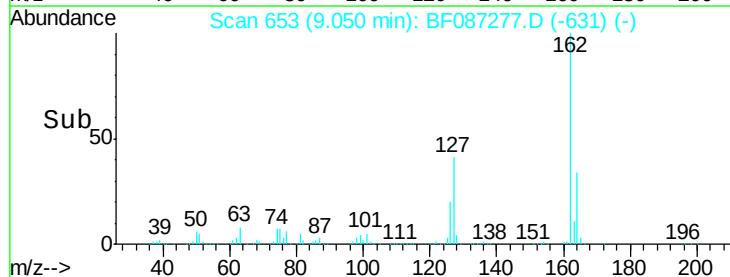


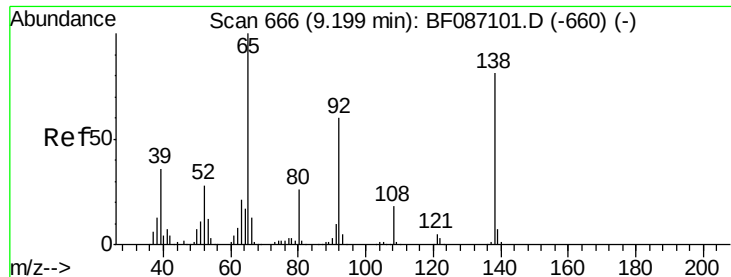
#46
 2-Chloronaphthalene
 Concen: 41.54 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.05 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Tgt Ion:162 Resp: 729767
 Ion Ratio Lower Upper
 162 100
 127 40.9 31.8 47.6
 164 33.6 27.0 40.6



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

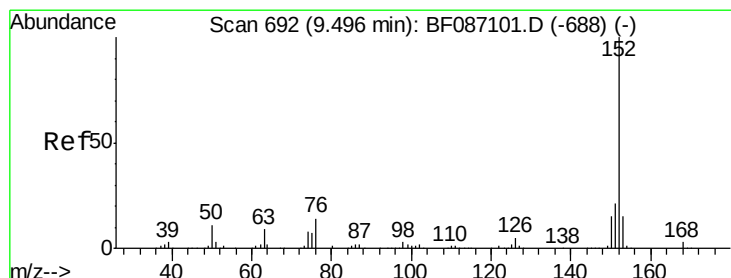
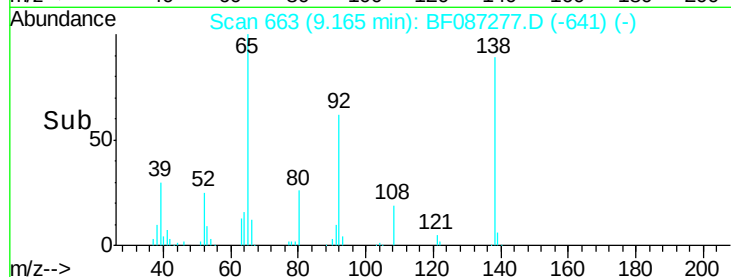
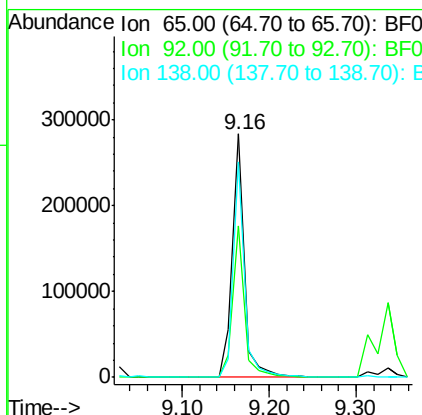
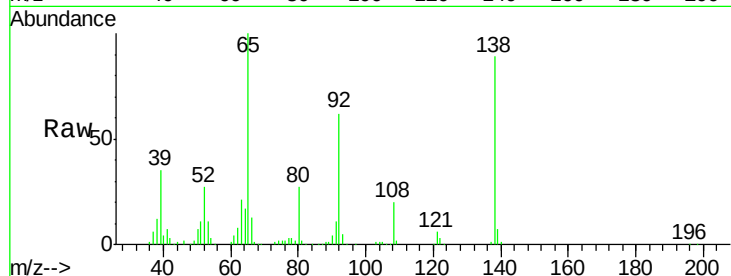




#47
2-Nitroaniline
Concen: 40.74 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.05 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

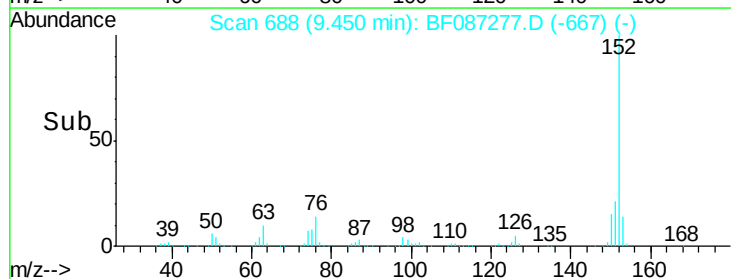
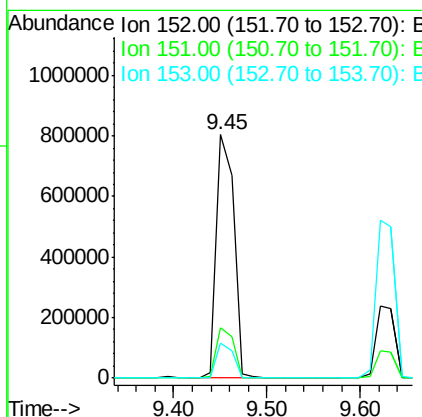
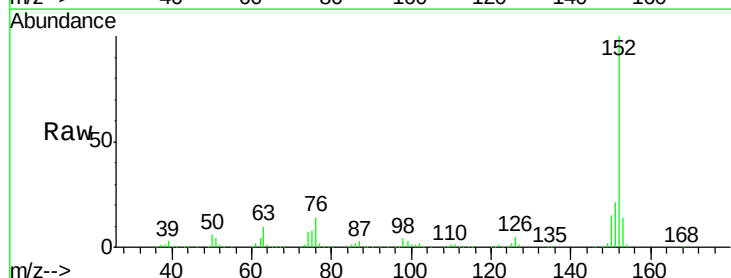
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

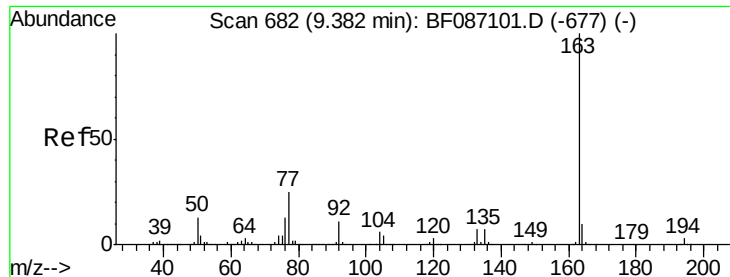
Tgt Ion: 65 Resp: 274291
Ion Ratio Lower Upper
65 100
92 62.4 57.4 86.2
138 88.6 90.1 135.1#



#48
Acenaphthylene
Concen: 38.87 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Tgt Ion: 152 Resp: 1042649
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 14.5 10.9 16.3





#49

Dimethylphthalate

Concen: 38.96 ng

RT: 9.34 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

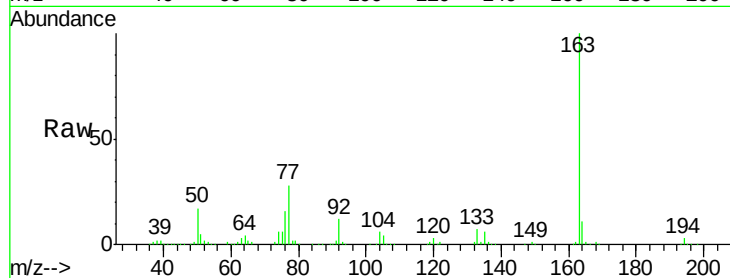
Tgt Ion:163 Resp: 820166

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

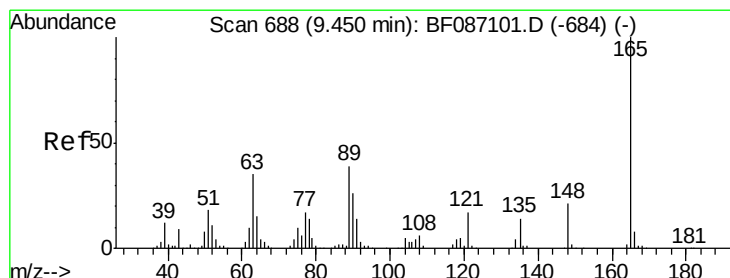
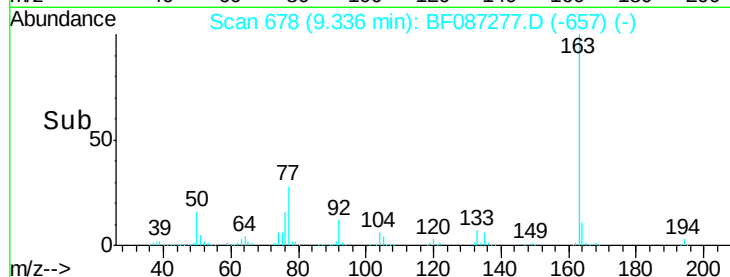
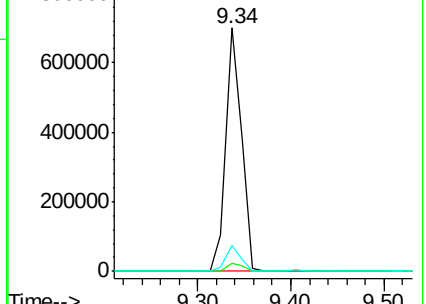
164 10.6 8.2 12.4



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: 35.92 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

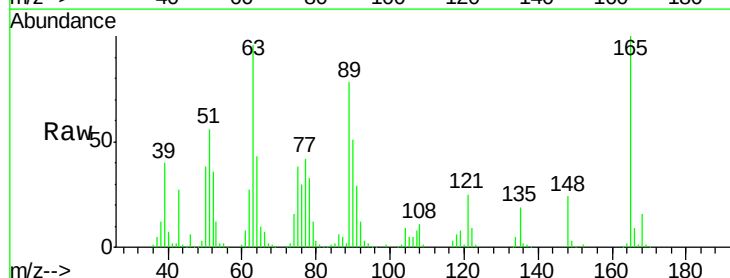
Tgt Ion:165 Resp: 164191

Ion Ratio Lower Upper

165 100

63 96.4 51.8 77.8#

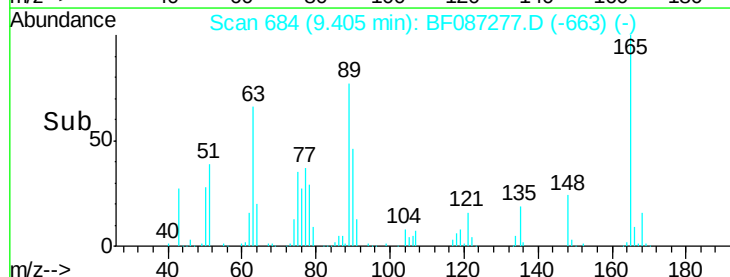
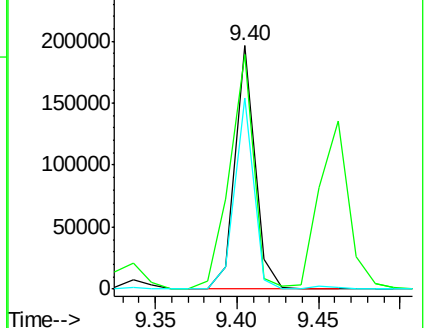
89 78.3 50.7 76.1#

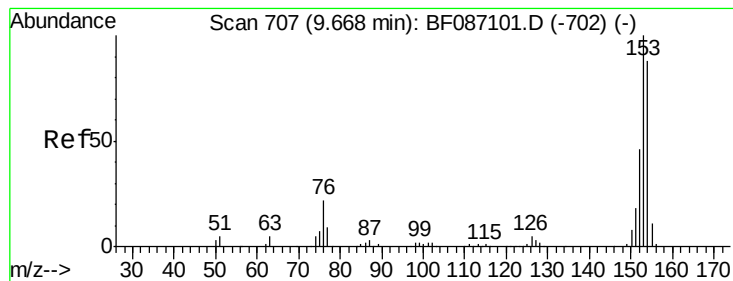


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.97 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

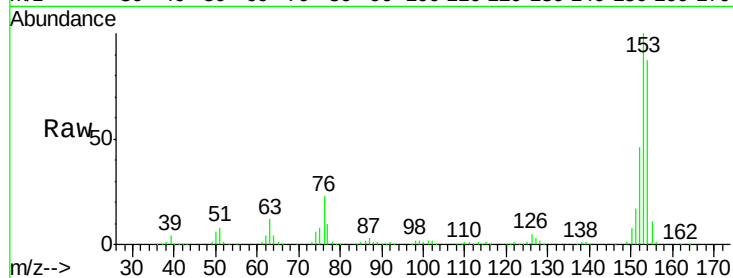
Tgt Ion:154 Resp: 636260

Ion Ratio Lower Upper

154 100

153 114.8 89.8 134.6

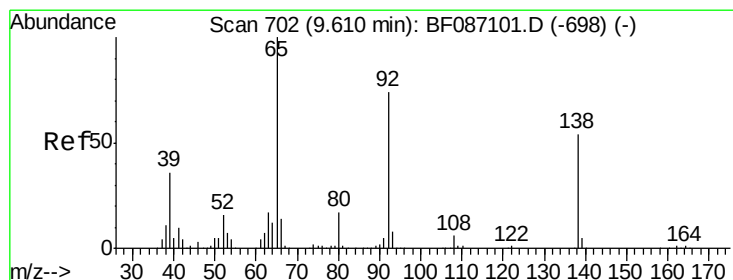
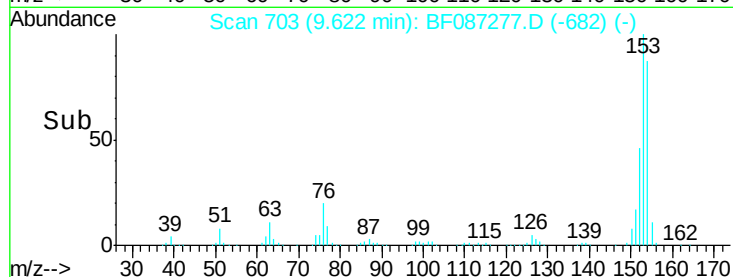
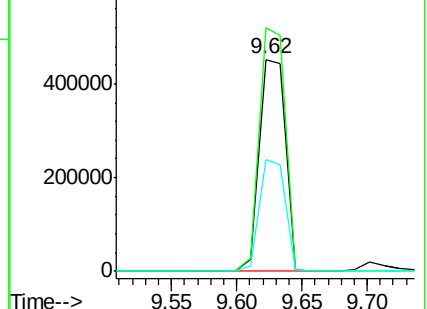
152 52.9 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.22 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

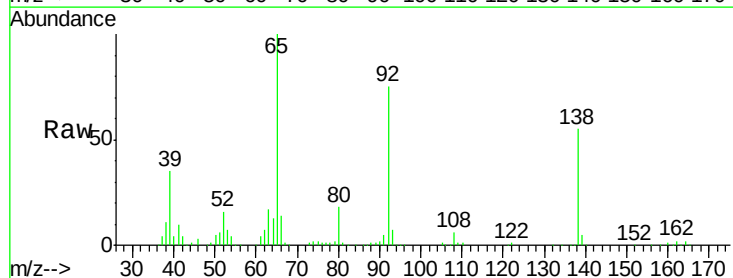
Tgt Ion:138 Resp: 169326

Ion Ratio Lower Upper

138 100

108 11.4 7.8 11.6

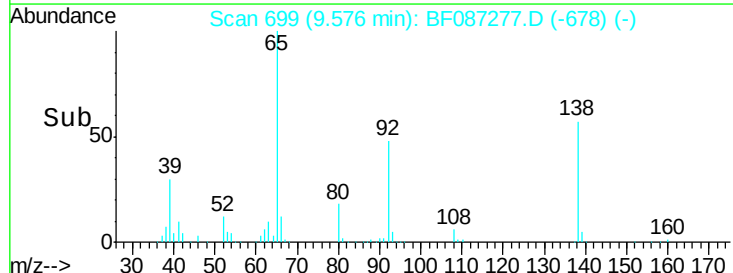
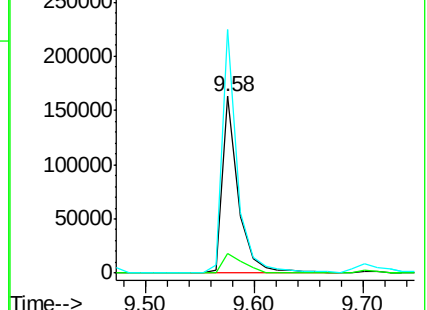
92 137.6 87.8 131.8#

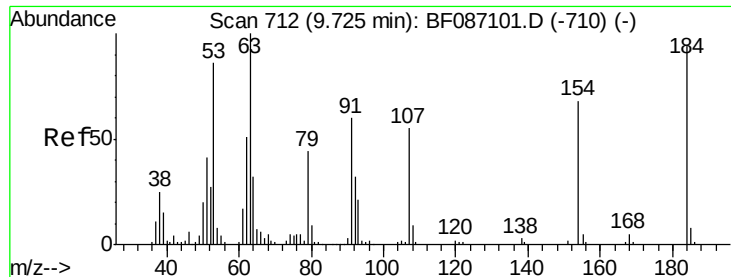


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

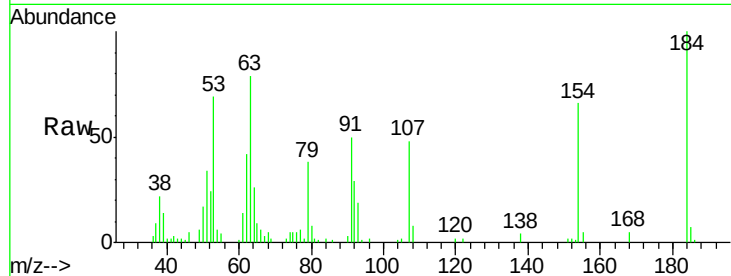




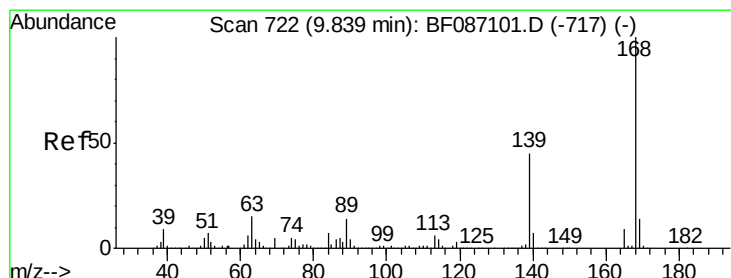
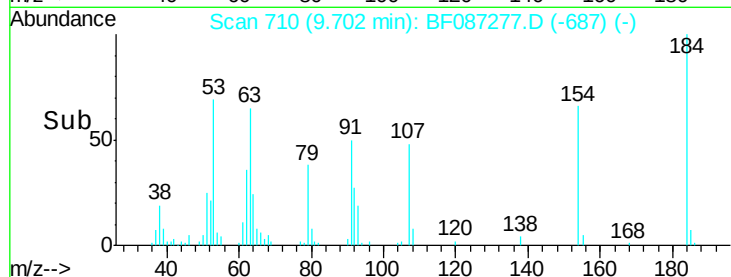
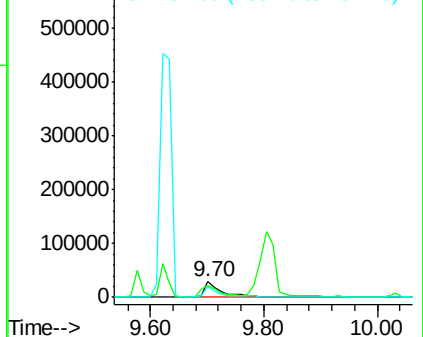
#53
2,4-Dinitrophenol
Concen: 27.63 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.03 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:184 Resp: 63729
Ion Ratio Lower Upper
184 100
63 79.3 55.8 83.8
154 66.2 62.4 93.6

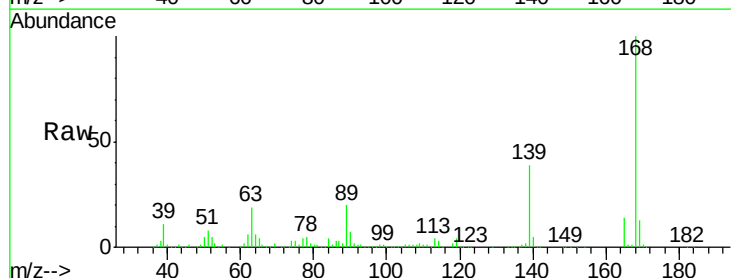


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

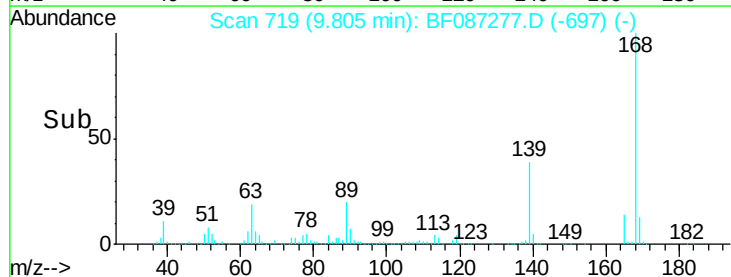
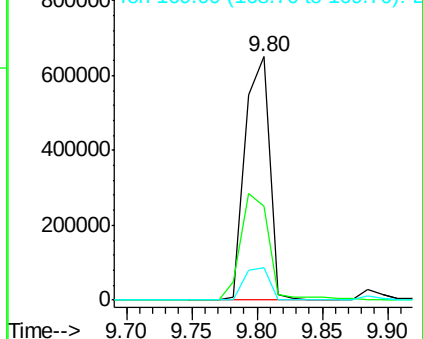


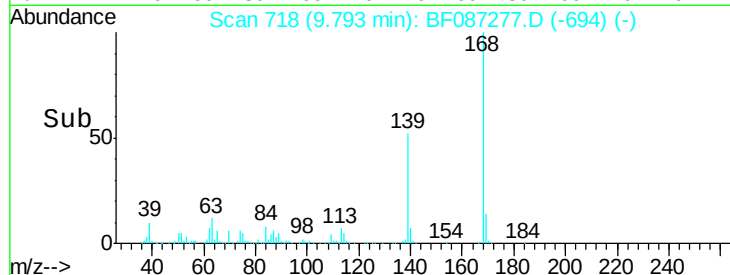
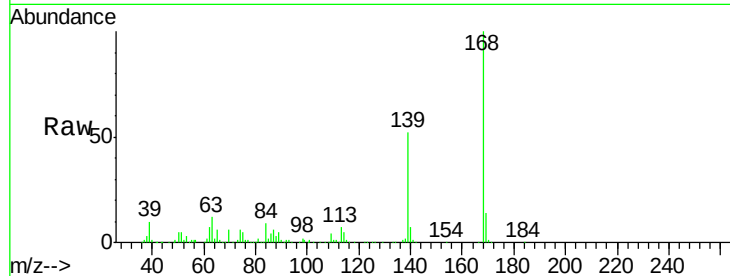
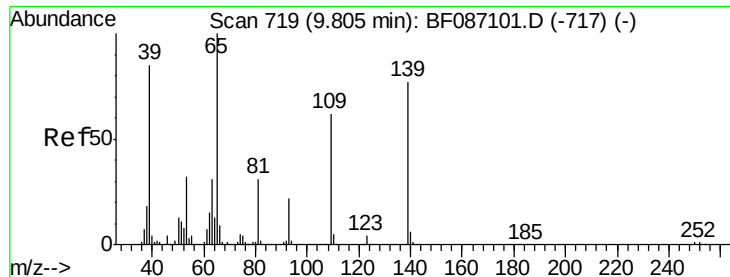
#54
Dibenzofuran
Concen: 38.93 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Tgt Ion:168 Resp: 843651
Ion Ratio Lower Upper
168 100
139 38.7 31.4 47.0
169 13.2 10.7 16.1



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





#55

4-Nitrophenol

Concen: 101.57 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

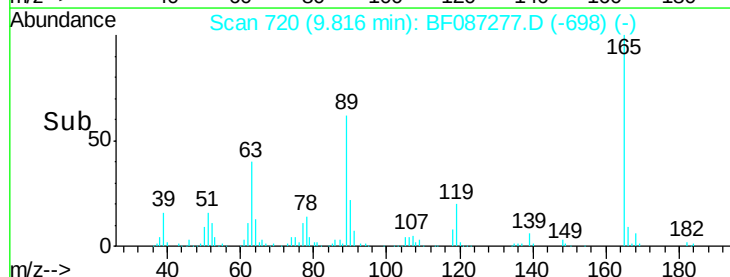
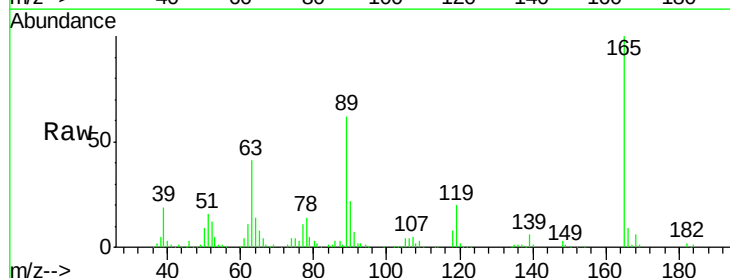
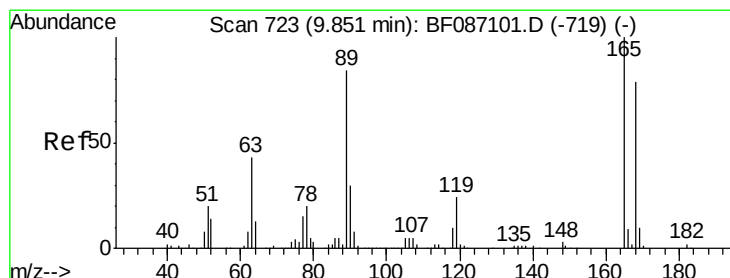
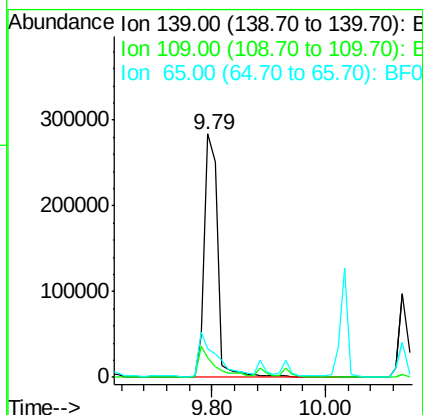
Tgt Ion:139 Resp: 442418

Ion Ratio Lower Upper

139 100

109 8.2 36.9 76.9#

65 11.9 64.0 104.0#



#56

2,4-Dinitrotoluene

Concen: 41.14 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Tgt Ion:165 Resp: 240838

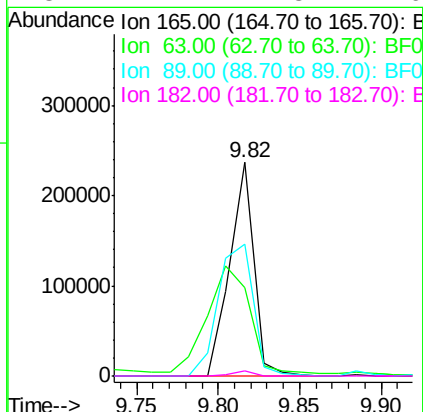
Ion Ratio Lower Upper

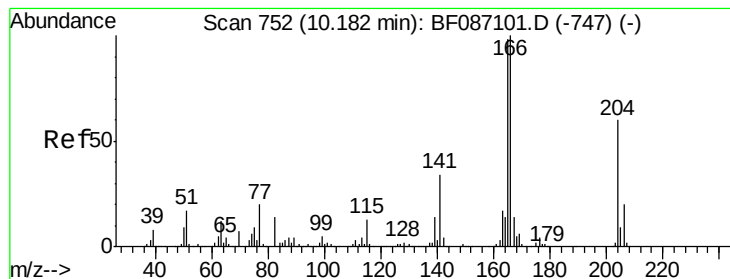
165 100

63 41.3 44.3 66.5#

89 62.0 70.0 105.0#

182 2.4 1.8 2.6





#57

Fluorene

Concen: 37.61 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

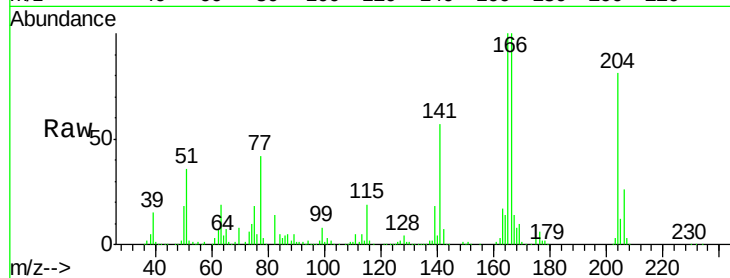
Tgt Ion:166 Resp: 654900

Ion Ratio Lower Upper

166 100

165 99.9 79.0 118.6

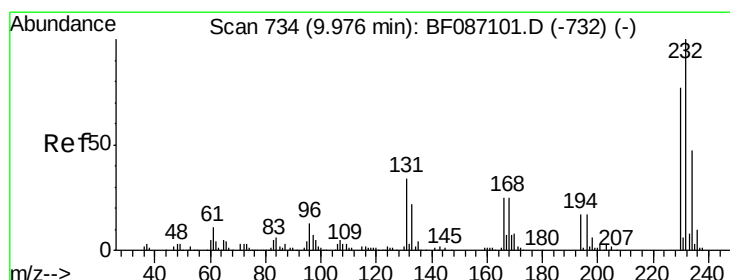
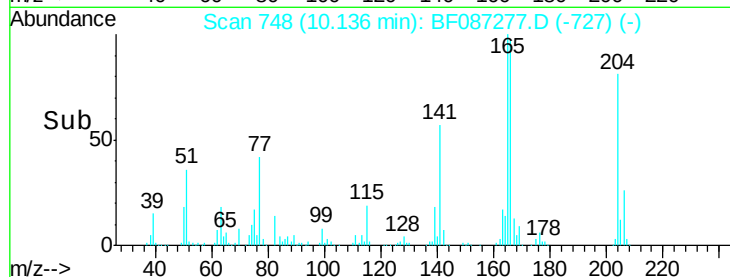
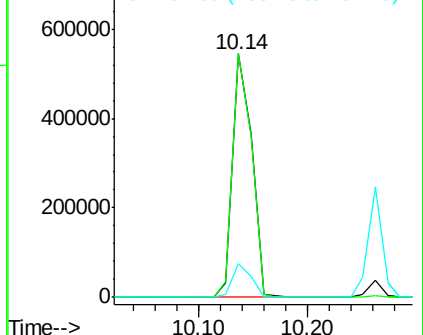
167 14.0 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.06 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Tgt Ion:232 Resp: 156757

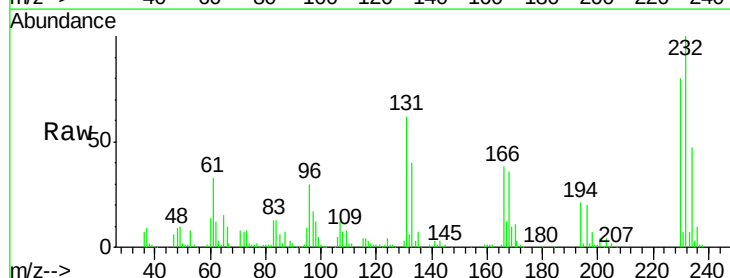
Ion Ratio Lower Upper

232 100

131 54.3 41.9 62.9

130 2.7 2.2 3.4

166 30.3 26.8 40.2

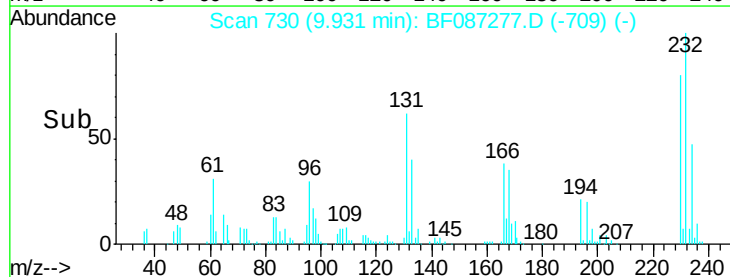
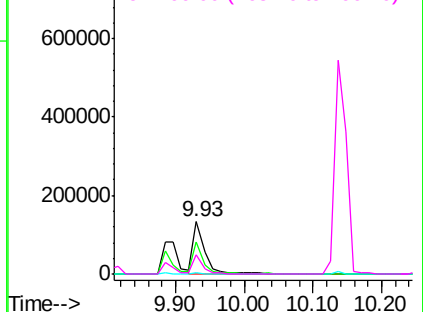


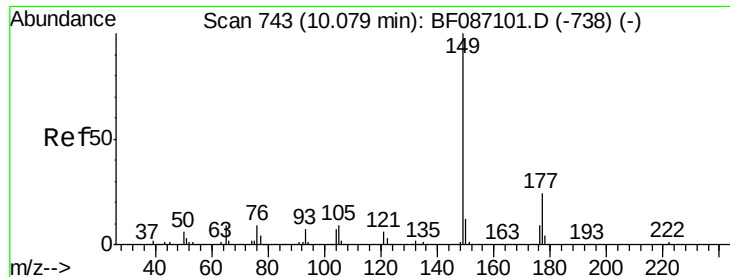
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

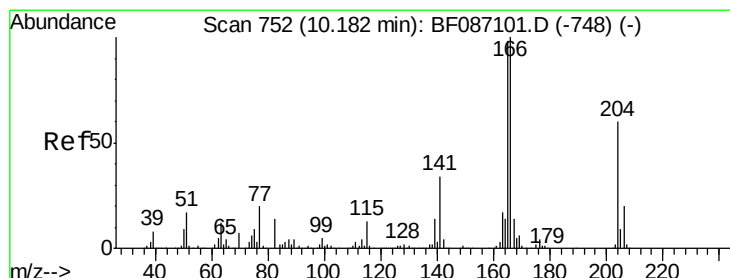
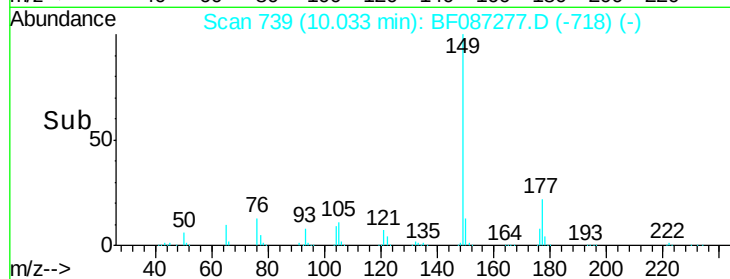
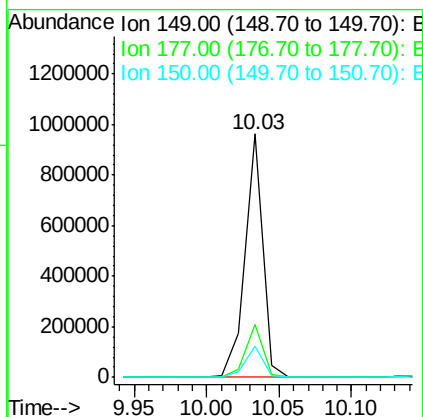
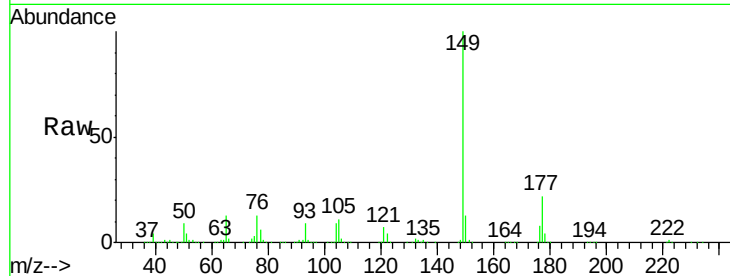




#59
Diethylphthalate
Concen: 40.82 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.06 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

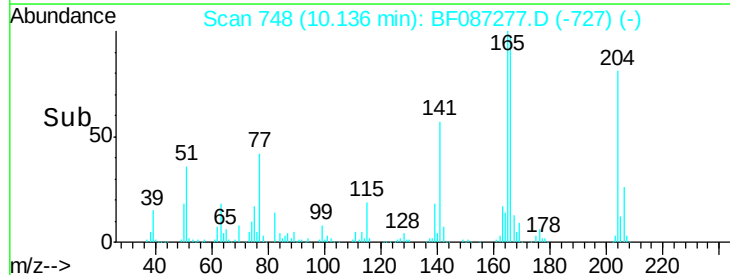
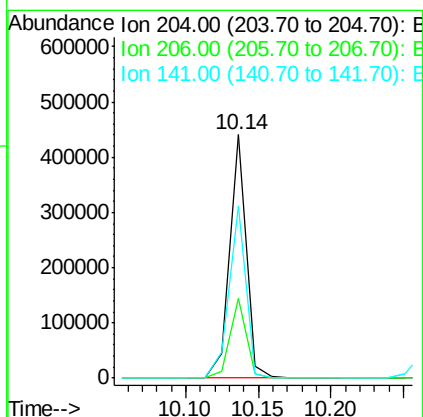
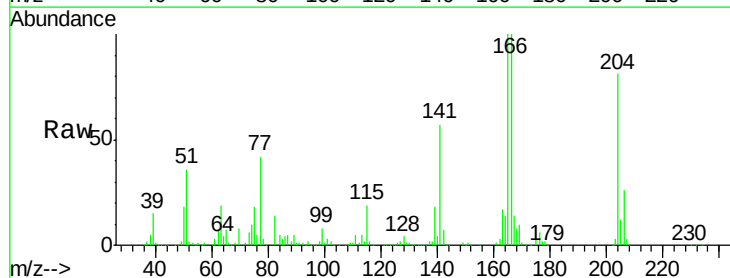
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

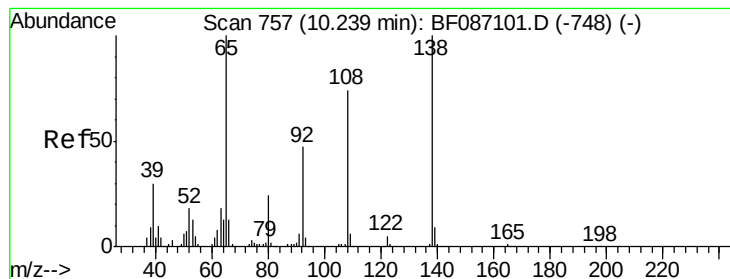
Tgt Ion:149 Resp: 820419
Ion Ratio Lower Upper
149 100
177 21.6 16.6 24.8
150 13.0 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 42.44 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Tgt Ion:204 Resp: 350242
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.0
141 70.4 61.6 92.4





#61

4-Nitroaniline

Concen: 32.97 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

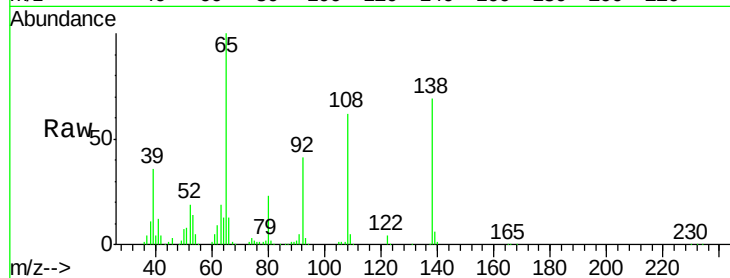
Tgt Ion:138 Resp: 161109

Ion Ratio Lower Upper

138 100

92 59.7 24.7 64.7

108 90.3 37.4 77.4#



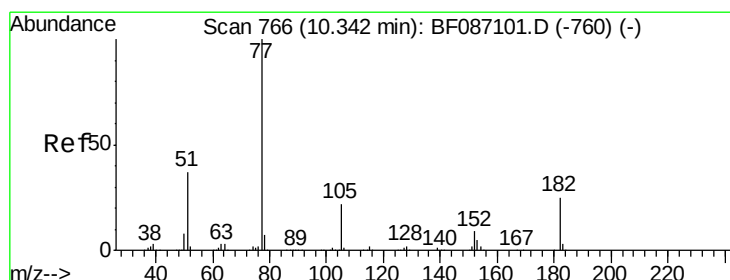
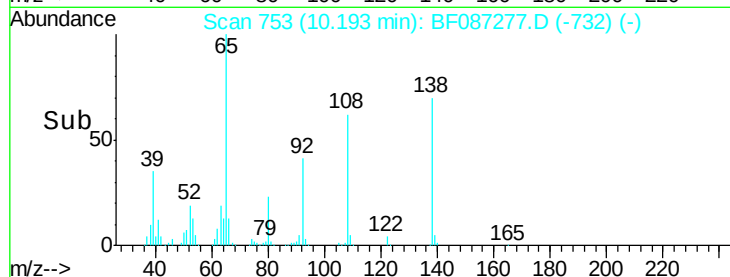
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

10.19

Time-->



#62

Azobenzene

Concen: 41.51 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Tgt Ion: 77 Resp: 961315

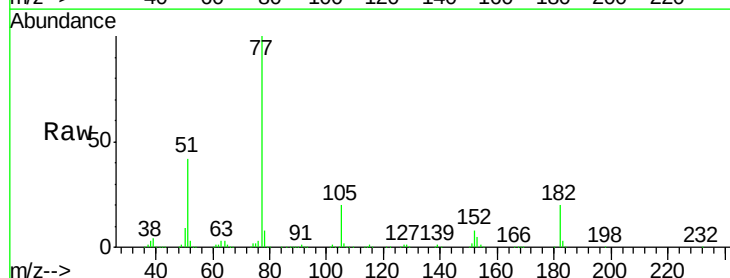
Ion Ratio Lower Upper

77 100

182 20.3 0.0 38.8

105 20.3 3.2 43.2

51 41.5 8.8 48.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

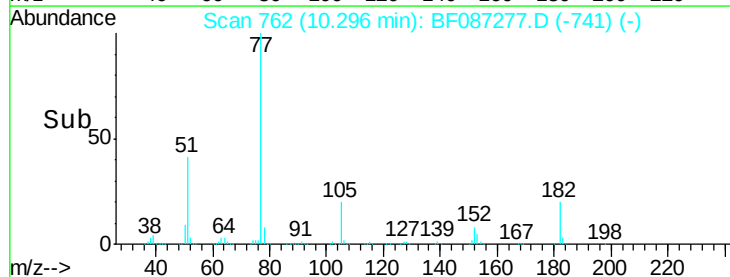
Ion 182.00 (181.70 to 182.70): E

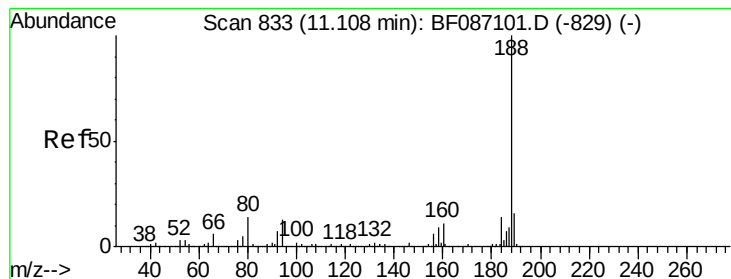
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

10.30

Time-->





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.05 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

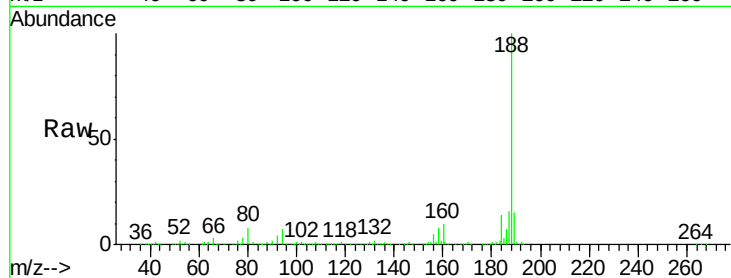
Tgt Ion:188 Resp: 509292

Ion Ratio Lower Upper

188 100

94 7.4 6.8 10.2

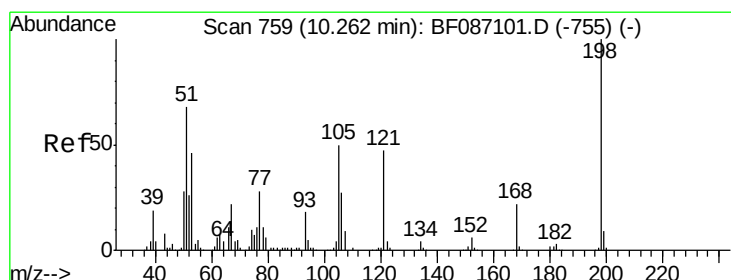
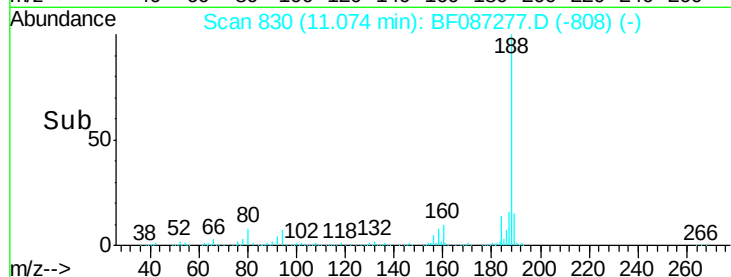
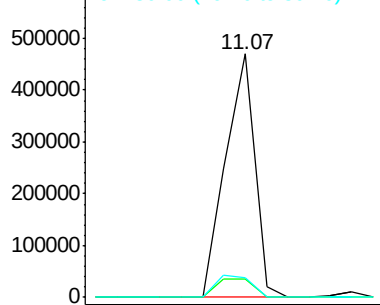
80 7.9 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 31.75 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.05 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

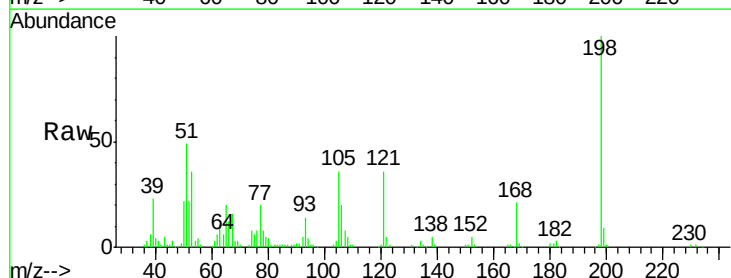
Tgt Ion:198 Resp: 106491

Ion Ratio Lower Upper

198 100

51 48.8 20.5 60.5

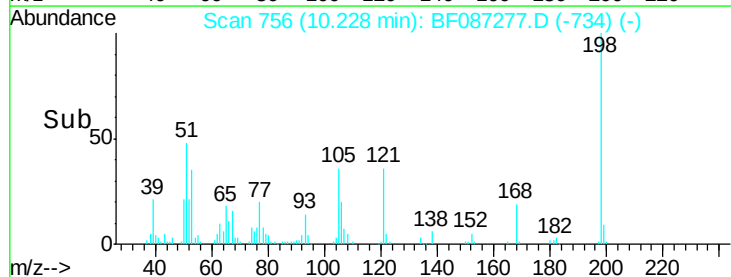
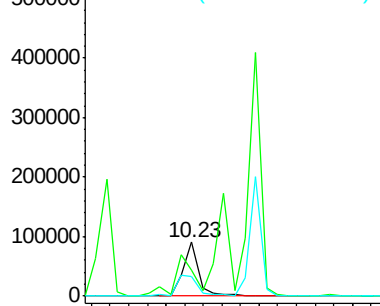
105 36.3 24.5 64.5

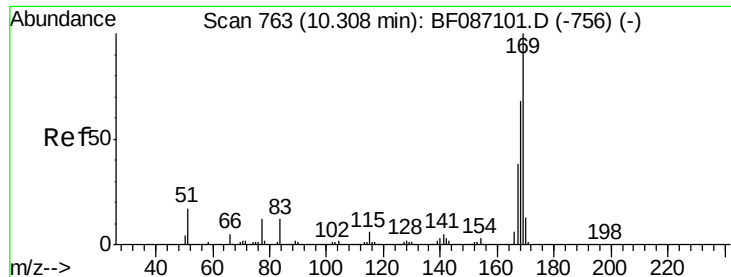


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.89 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

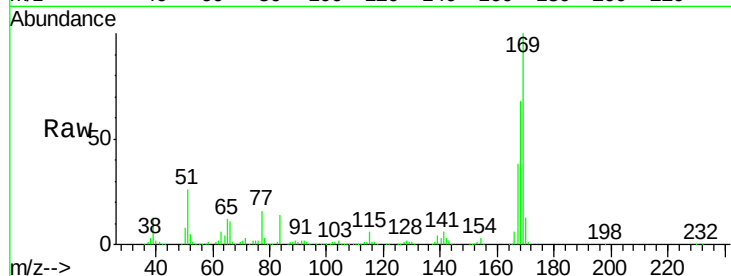
Tgt Ion:169 Resp: 591206

Ion Ratio Lower Upper

169 100

168 67.6 53.8 80.6

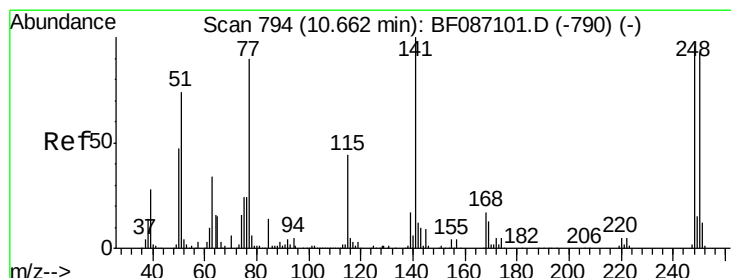
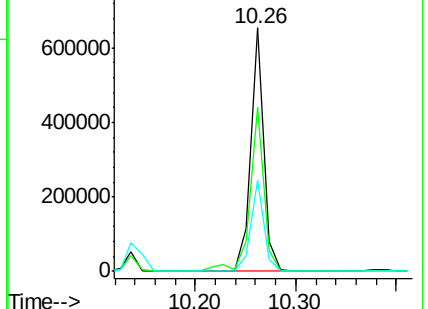
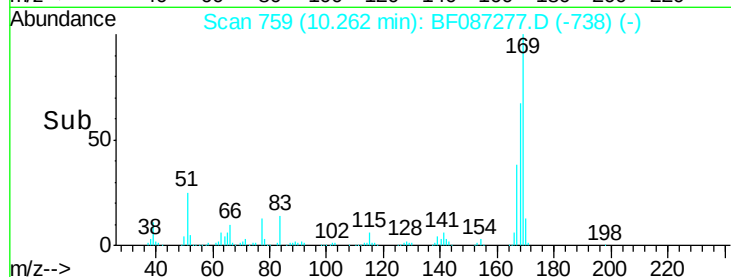
167 37.7 29.5 44.3



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: 39.06 ng

RT: 10.62 min Scan# 790

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

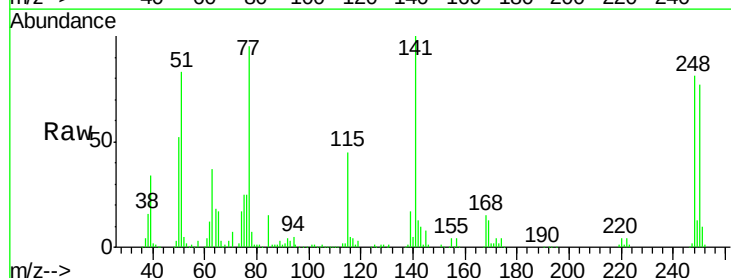
Tgt Ion:248 Resp: 204553

Ion Ratio Lower Upper

248 100

250 95.9 78.6 117.8

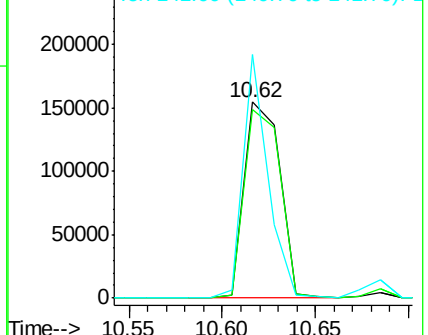
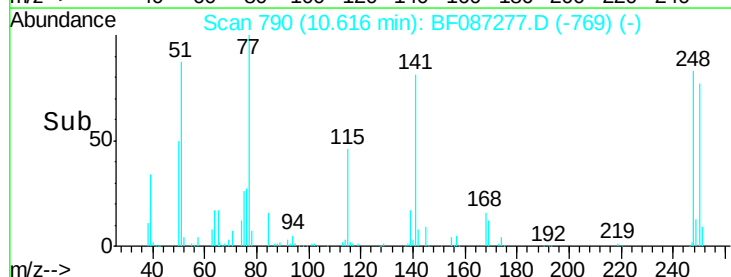
141 124.1 76.0 114.0#

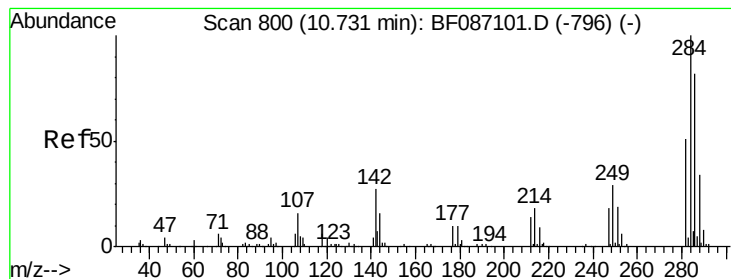


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.70 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

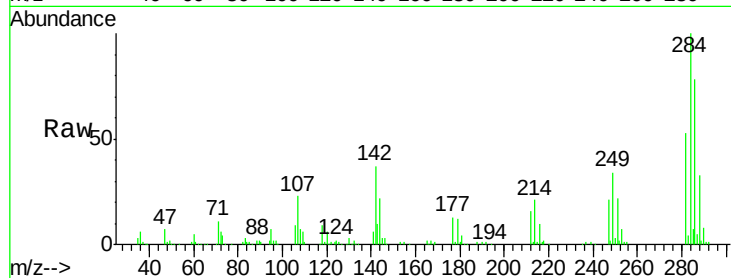
Tgt Ion:284 Resp: 222839

Ion Ratio Lower Upper

284 100

142 37.4 16.7 25.1#

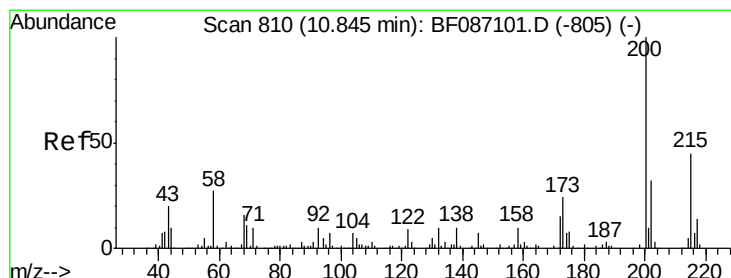
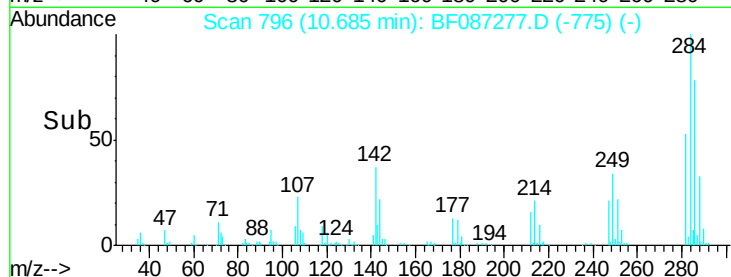
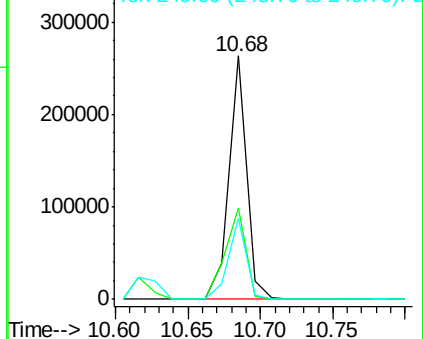
249 33.6 21.3 31.9#



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: 38.27 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

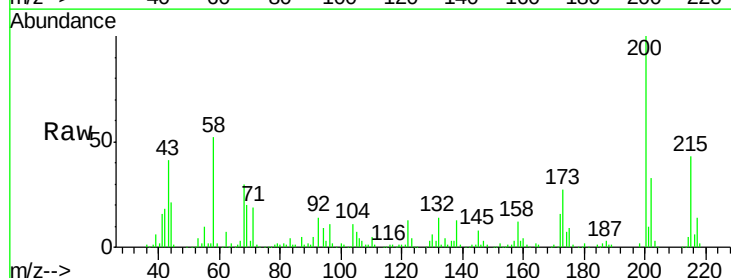
Tgt Ion:200 Resp: 200091

Ion Ratio Lower Upper

200 100

173 27.1 8.5 48.5

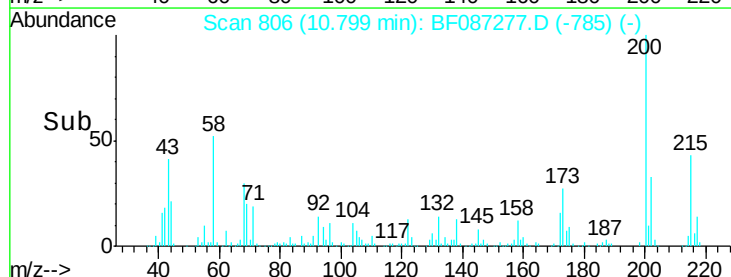
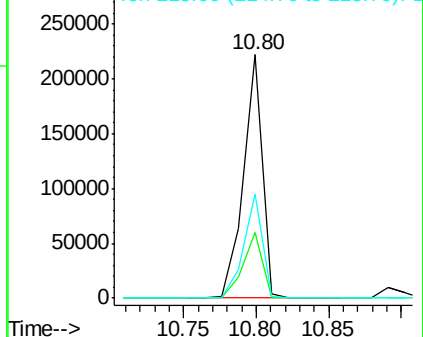
215 42.8 27.2 67.2

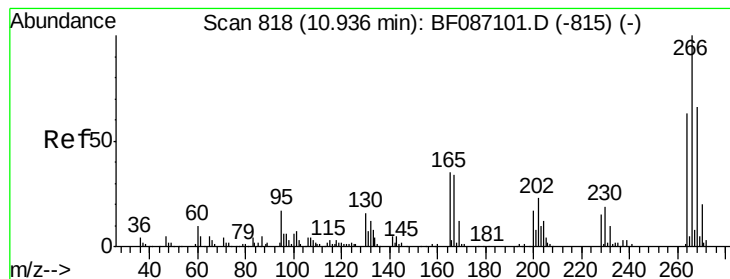


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 27.64 ng

RT: 10.89 min Scan# 814

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

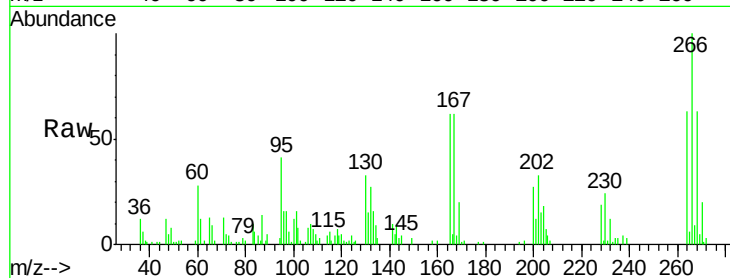
Tgt Ion:266 Resp: 63037

Ion Ratio Lower Upper

266 100

268 63.2 51.5 77.3

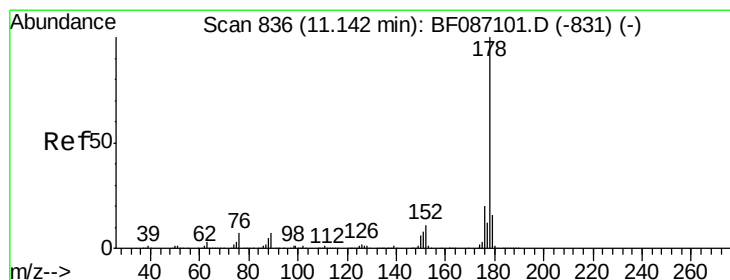
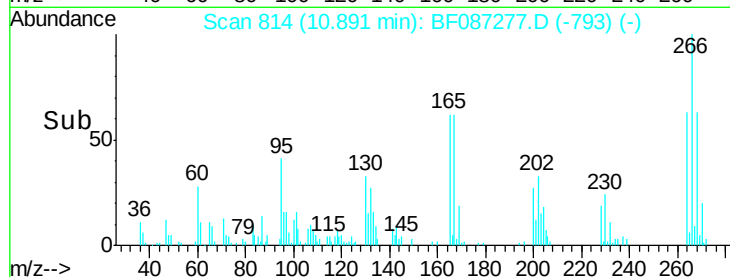
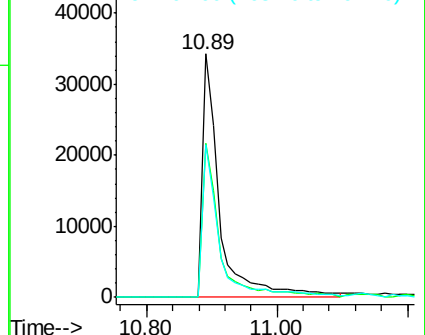
264 62.5 52.9 79.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.44 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

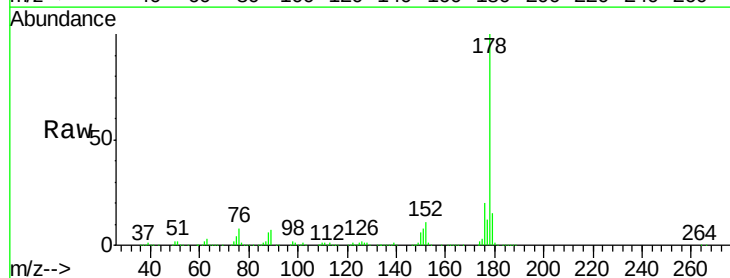
Tgt Ion:178 Resp: 1061741

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

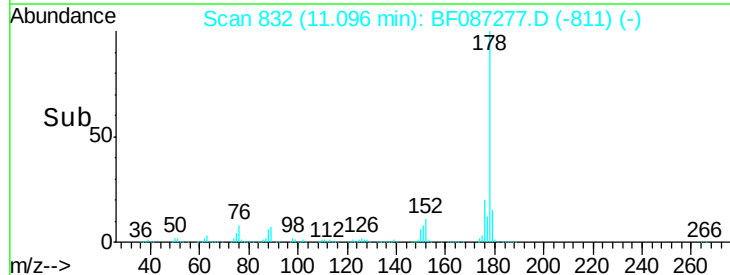
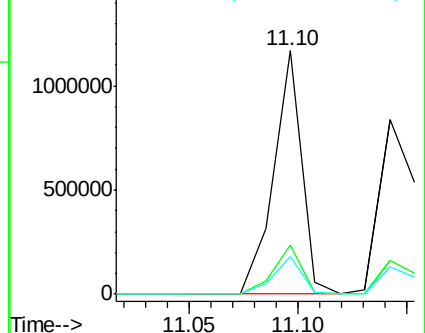
179 15.5 12.6 18.8

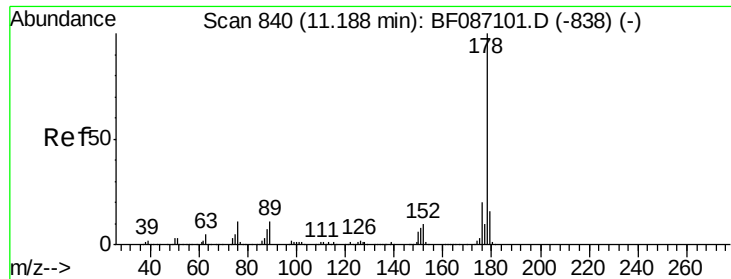


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

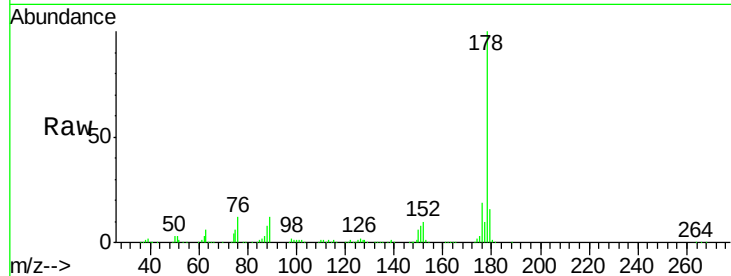




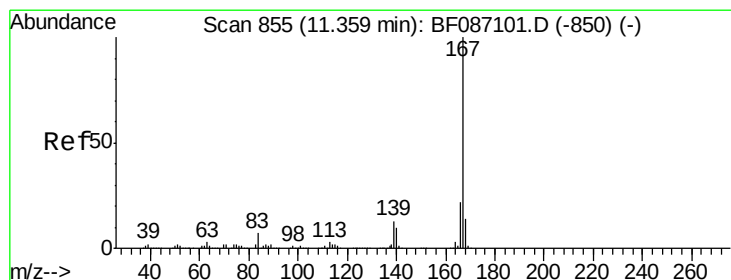
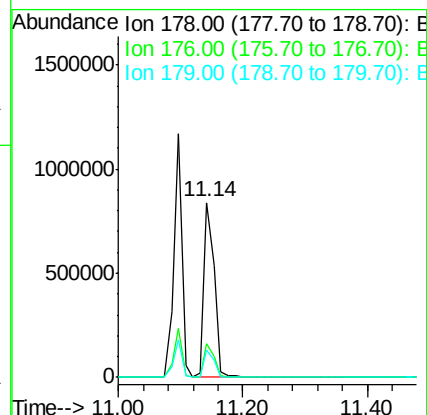
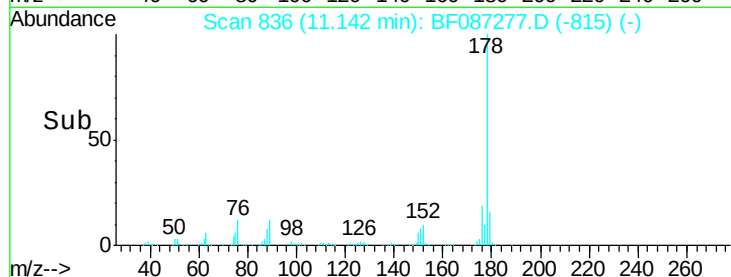
#71
 Anthracene
 Concen: 35.48 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.06 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 991262
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.8 12.7 19.1

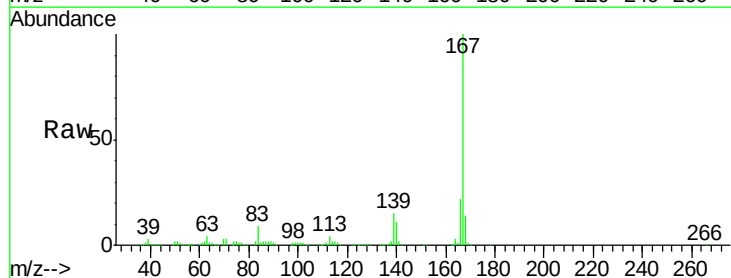


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

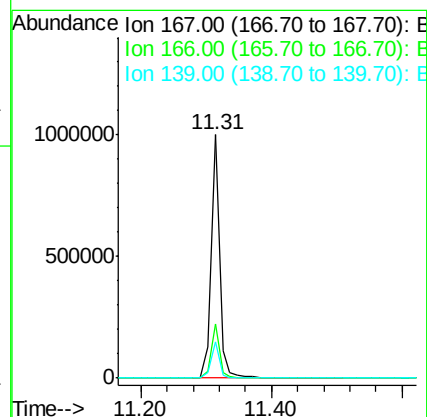
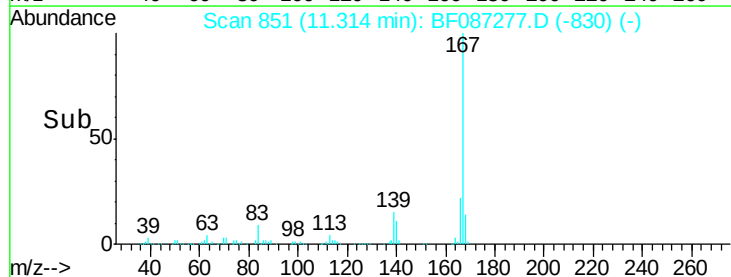


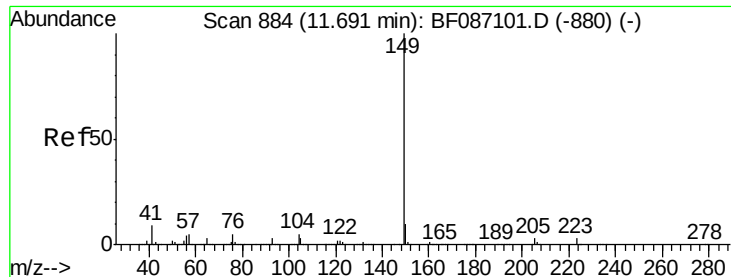
#72
 Carbazole
 Concen: 35.17 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.06 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Tgt Ion:167 Resp: 897668
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 14.7 10.8 16.2



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





#73

Di-n-butylphthalate

Concen: 41.73 ng

RT: 11.65 min Scan# 880

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

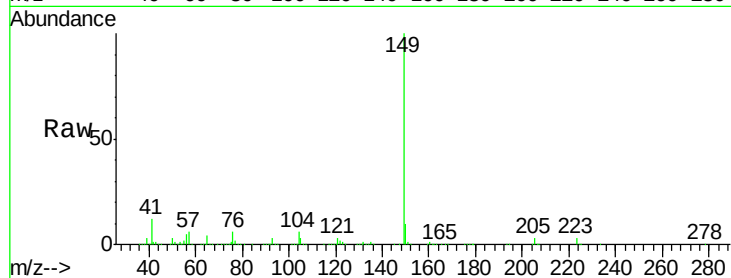
Tgt Ion:149 Resp: 1223229

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

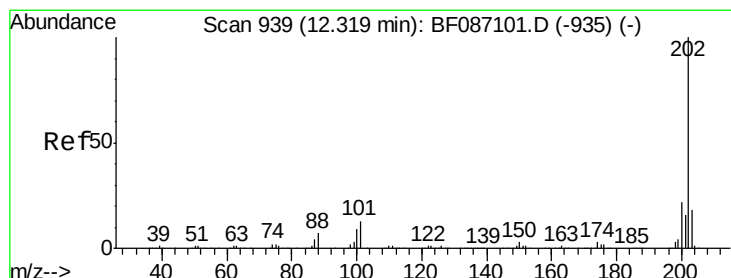
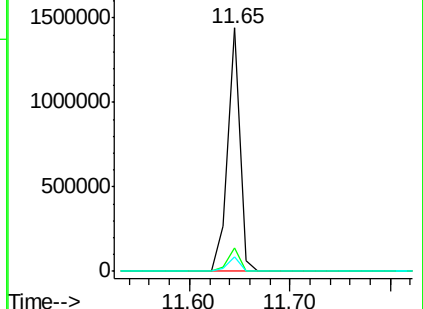
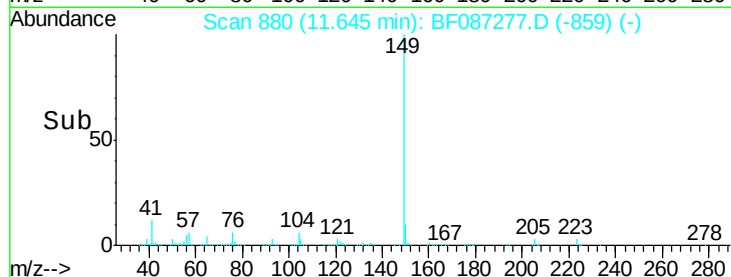
104 6.1 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.26 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

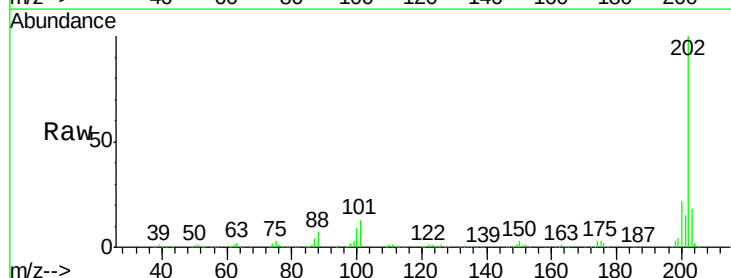
Tgt Ion:202 Resp: 948220

Ion Ratio Lower Upper

202 100

101 12.6 0.0 35.4

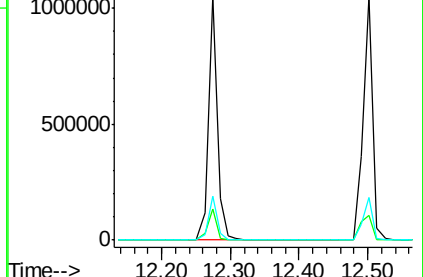
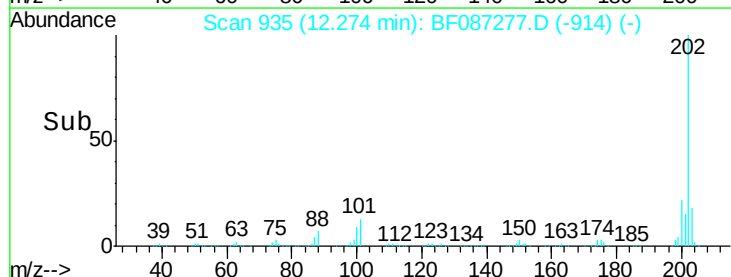
203 18.0 0.0 38.1

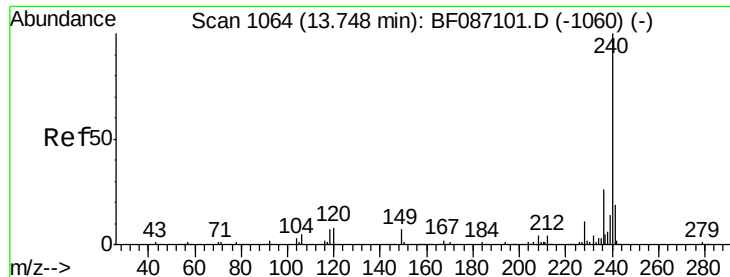


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

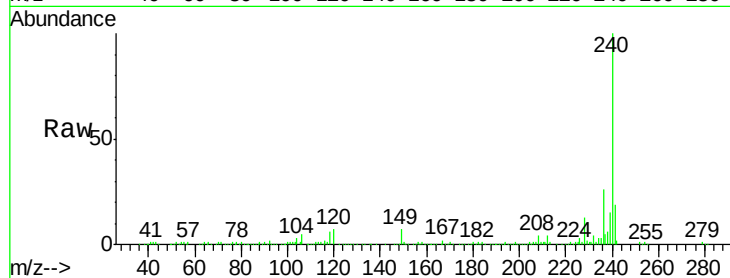
Tgt Ion:240 Resp: 294321

Ion Ratio Lower Upper

240 100

120 7.0 11.2 16.8#

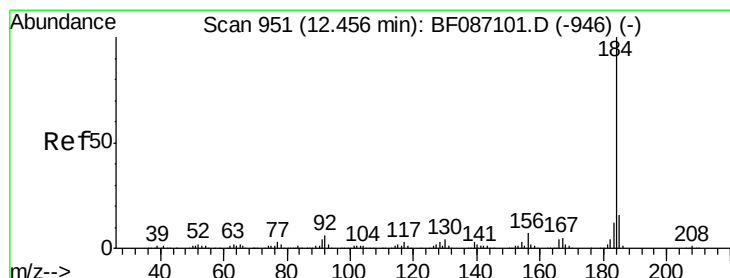
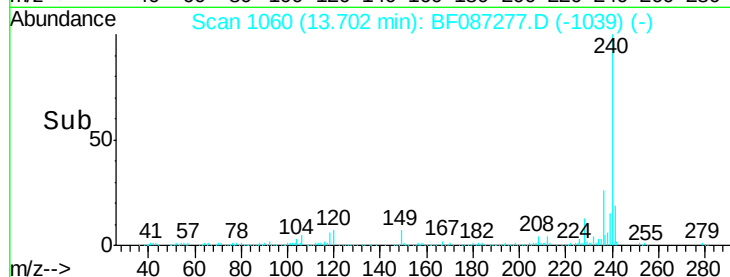
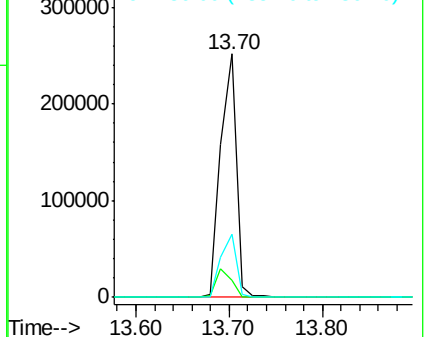
236 25.8 21.2 31.8



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: 28.33 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

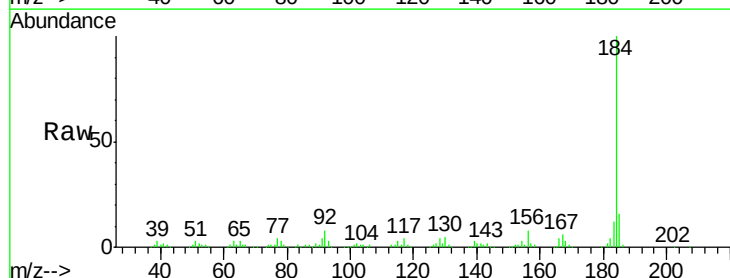
Tgt Ion:184 Resp: 257414

Ion Ratio Lower Upper

184 100

185 15.9 13.6 20.4

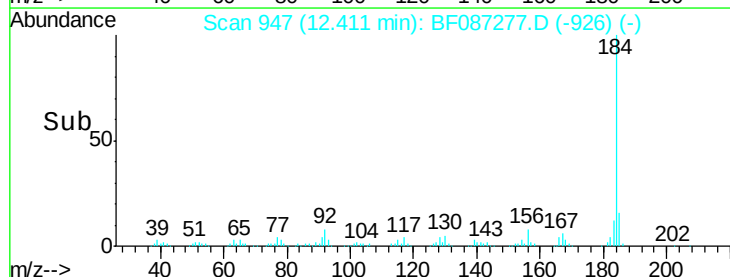
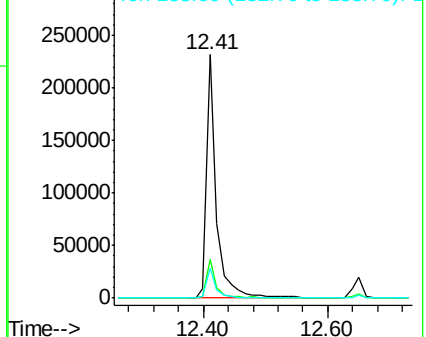
183 12.2 9.8 14.6

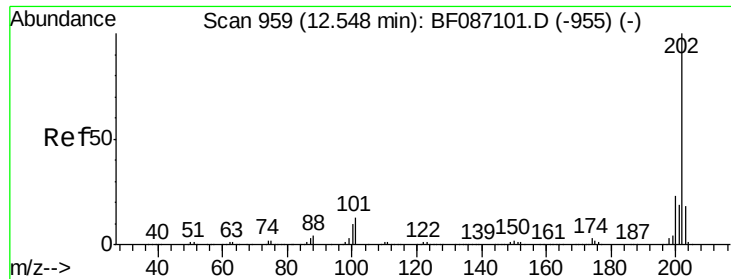


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

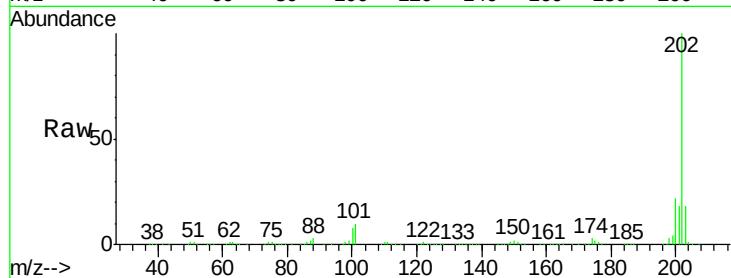




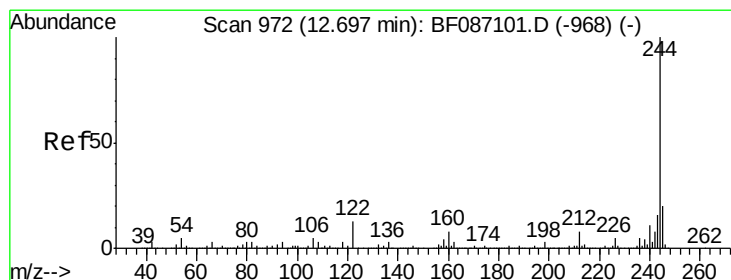
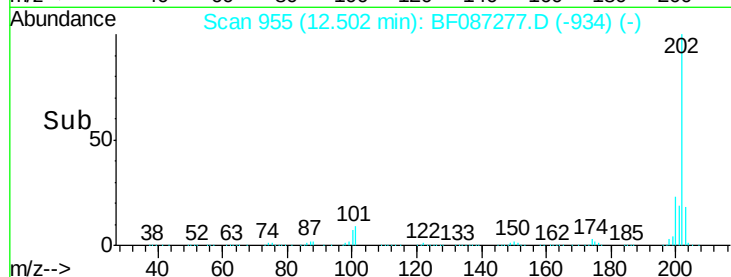
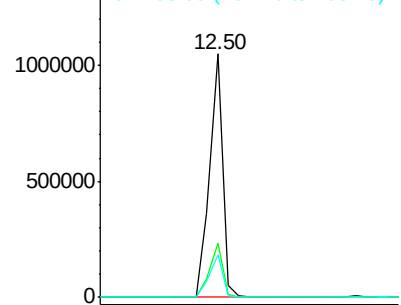
#77
 Pyrene
 Concen: 47.84 ng
 RT: 12.50 min Scan# 955
 Delta R.T. -0.06 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:202 Resp: 1017118
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.7 26.5
 203 17.7 14.2 21.4

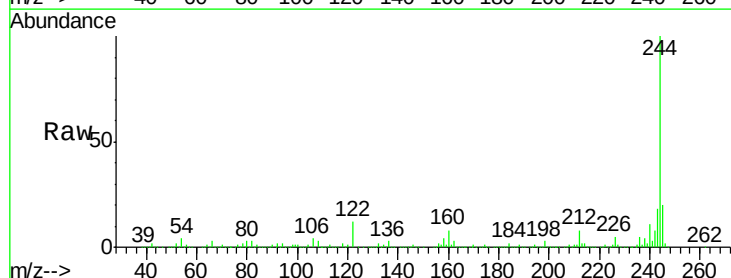


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

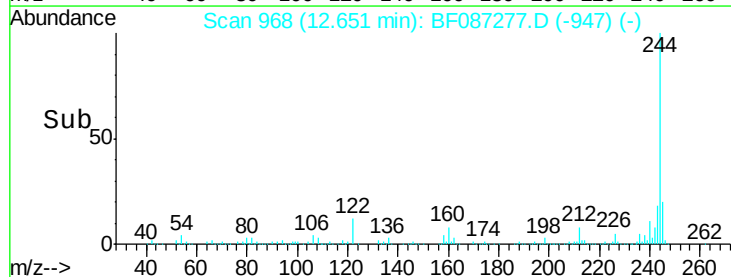
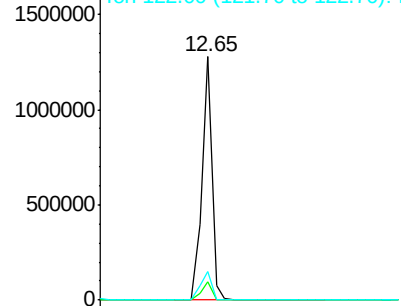


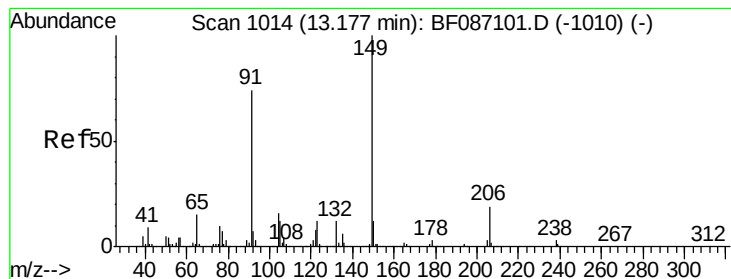
#78
 Terphenyl-d14
 Concen: 93.75 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.06 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Tgt Ion:244 Resp: 1219833
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 12.0 12.0 18.0#



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: 52.36 ng

RT: 13.13 min Scan# 1010

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

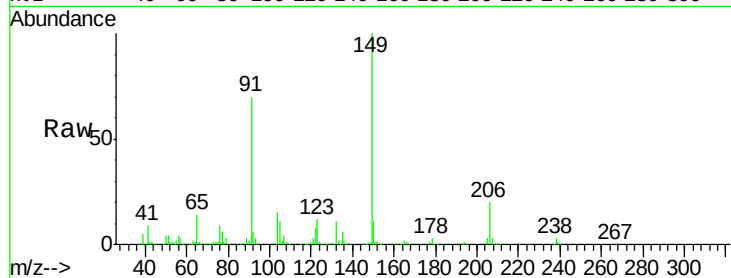
Tgt Ion:149 Resp: 469997

Ion Ratio Lower Upper

149 100

91 70.4 48.0 72.0

206 19.7 15.8 23.6

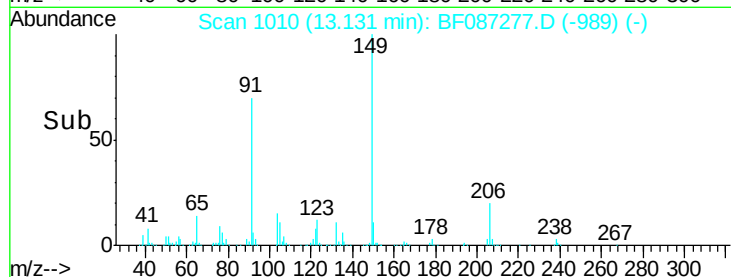


Abundance Ion 149.00 (148.70 to 149.70): E

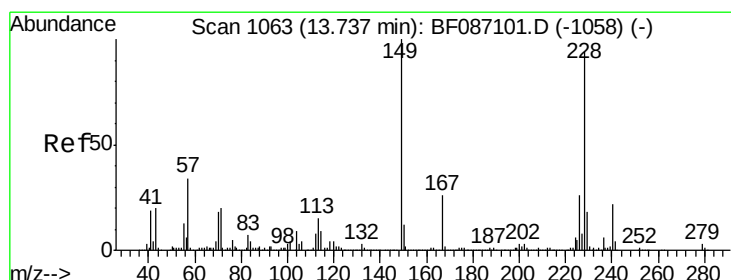
Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time--> 13.05 13.10 13.15 13.20



Time--> 13.05 13.10 13.15 13.20



#80

Benzo(a)anthracene

Concen: 39.22 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

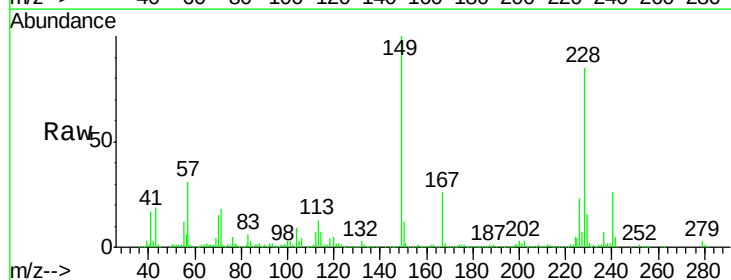
Tgt Ion:228 Resp: 667454

Ion Ratio Lower Upper

228 100

226 27.2 22.5 33.7

229 19.3 16.6 25.0

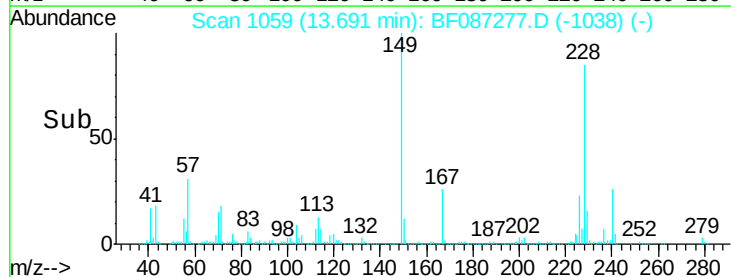


Abundance Ion 228.00 (227.70 to 228.70): E

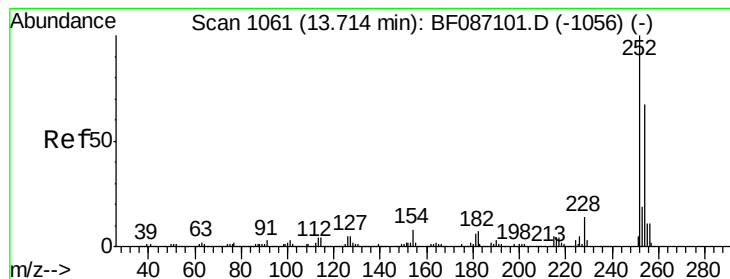
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time--> 13.60 13.65 13.70



Time--> 13.60 13.65 13.70



#81

3,3'-Dichlorobenzidine

Concen: 40.98 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.07 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

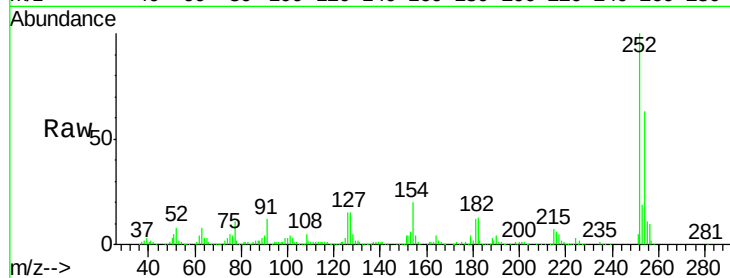
Tgt Ion:252 Resp: 443749

Ion Ratio Lower Upper

252 100

254 62.8 50.7 76.1

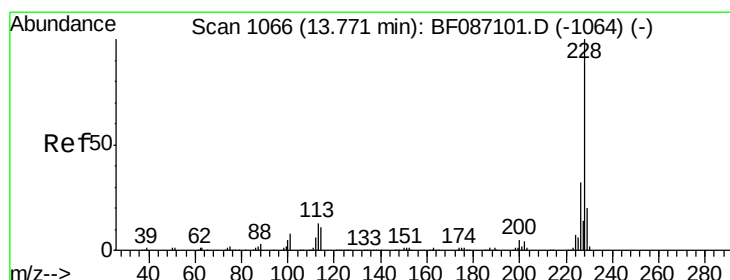
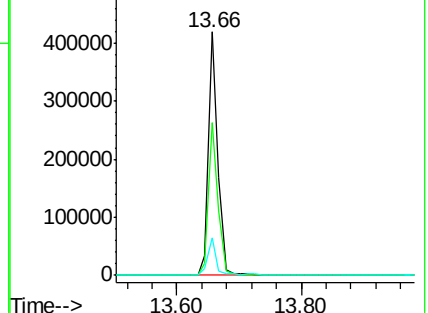
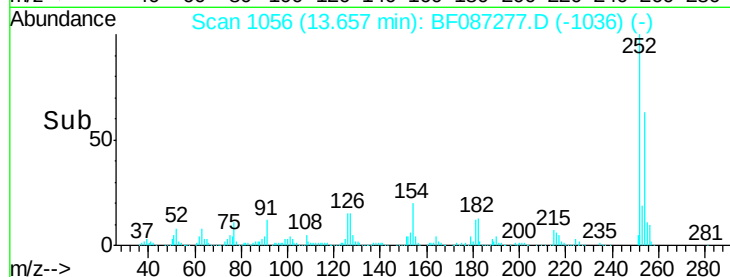
126 15.2 12.7 19.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 43.43 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

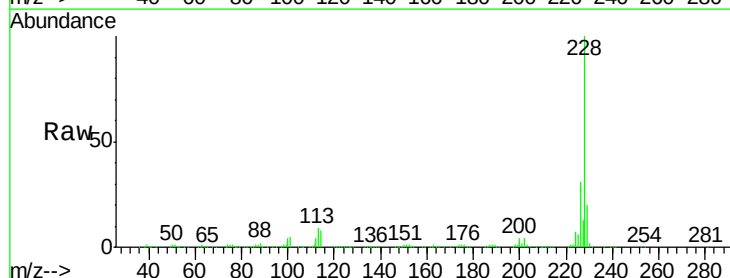
Tgt Ion:228 Resp: 715001

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

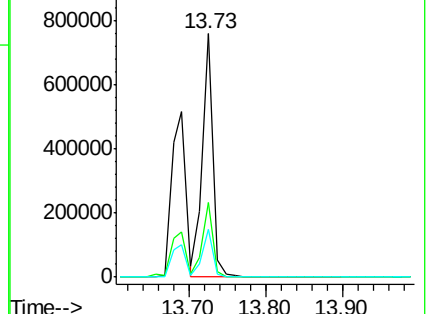
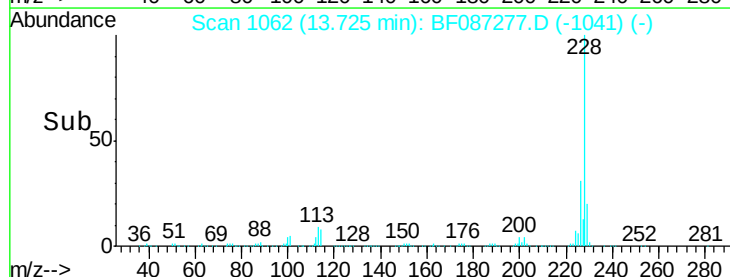
229 19.7 15.8 23.8

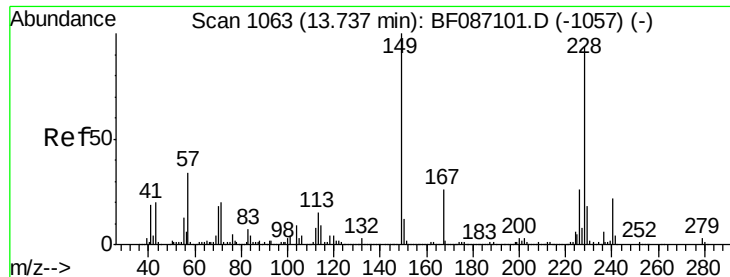


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.03 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

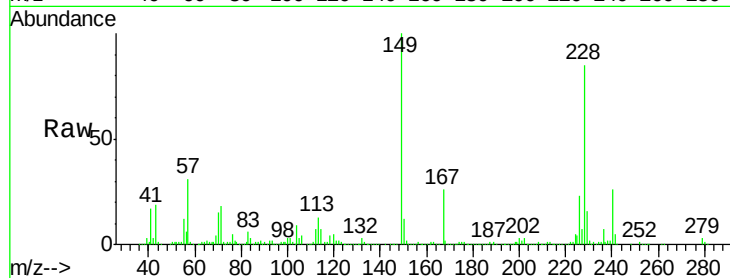
Tgt Ion:149 Resp: 612080

Ion Ratio Lower Upper

149 100

167 26.1 21.8 32.6

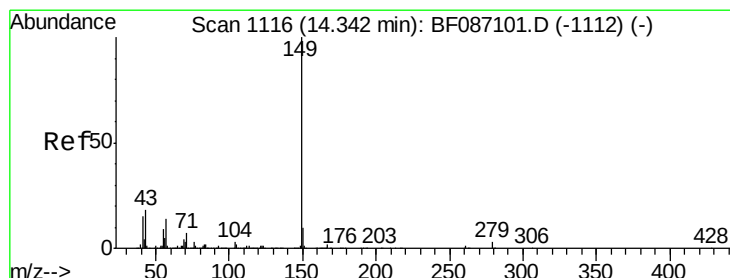
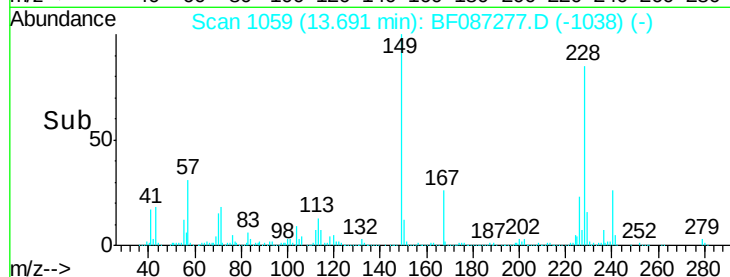
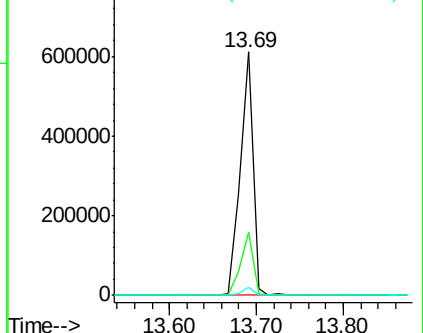
279 3.4 2.6 4.0



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: 47.96 ng

RT: 14.30 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

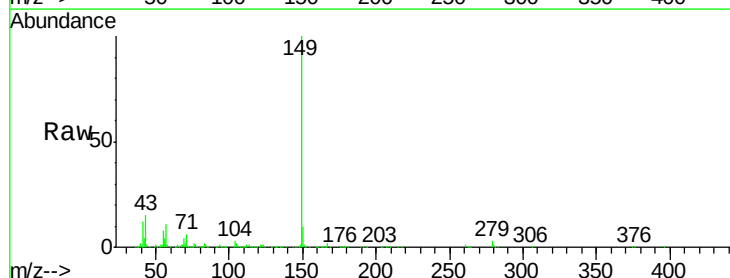
Tgt Ion:149 Resp: 902630

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

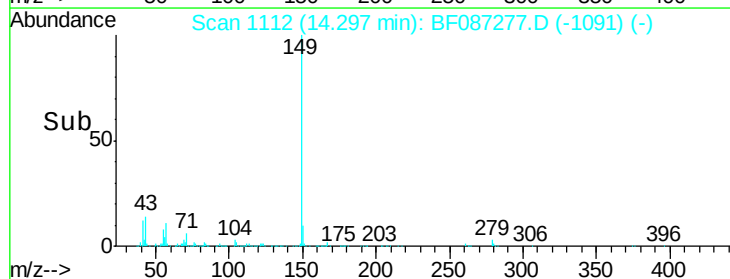
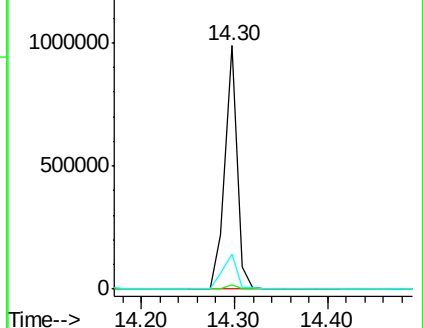
43 17.0 8.2 12.4#

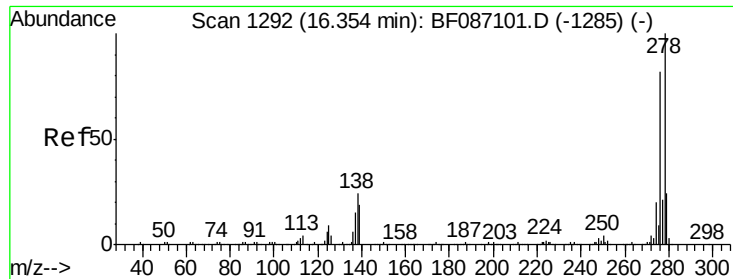


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

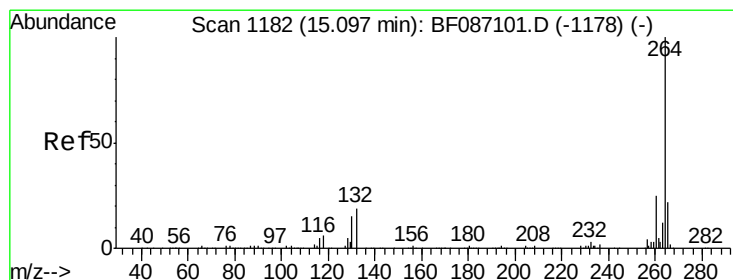
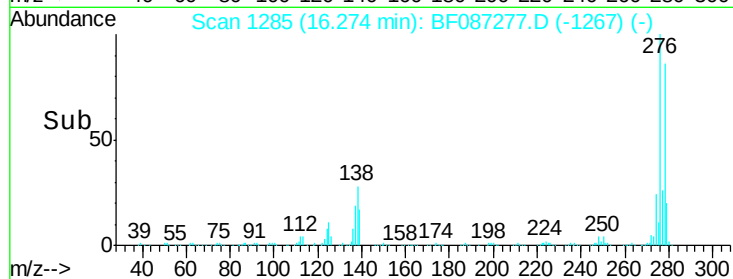
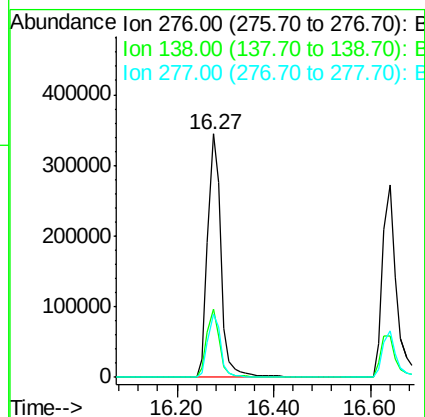
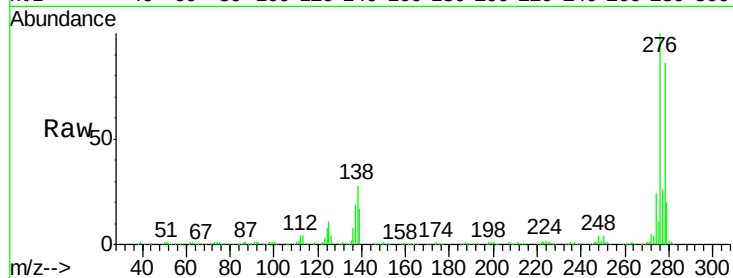




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.51 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.09 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

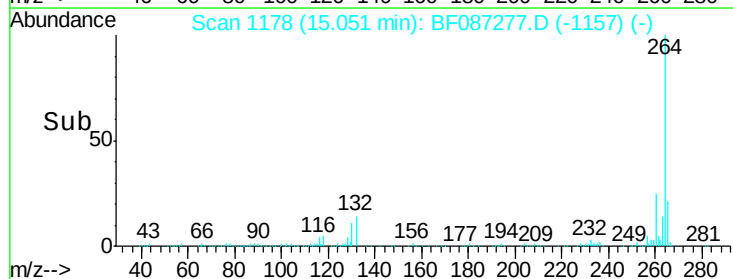
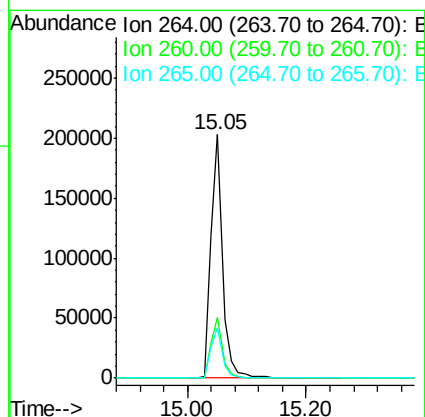
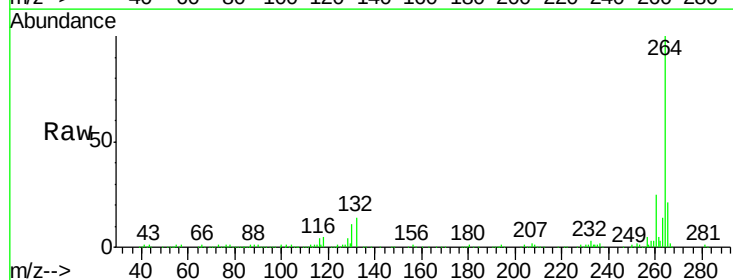
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

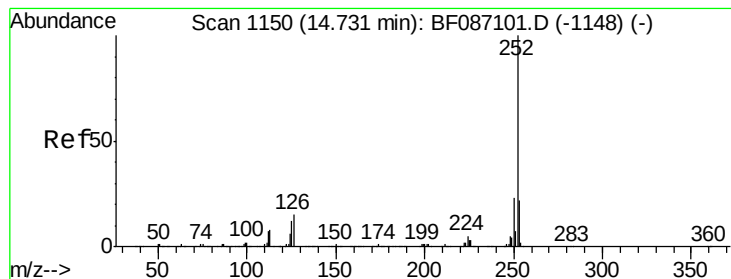
Tgt Ion:	276	Resp:	672238
Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.6	38.4
277	25.5	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.06 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Tgt Ion:	264	Resp:	274616
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	20.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 64.88 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.06 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

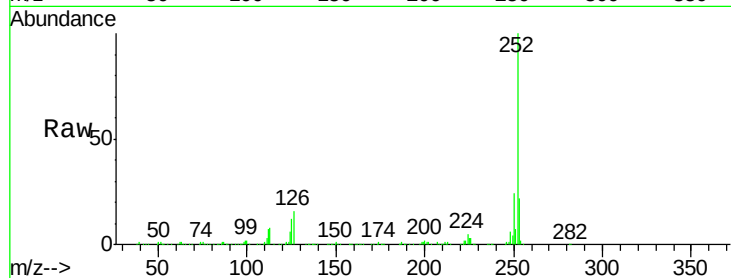
Tgt Ion:252 Resp: 1182026

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

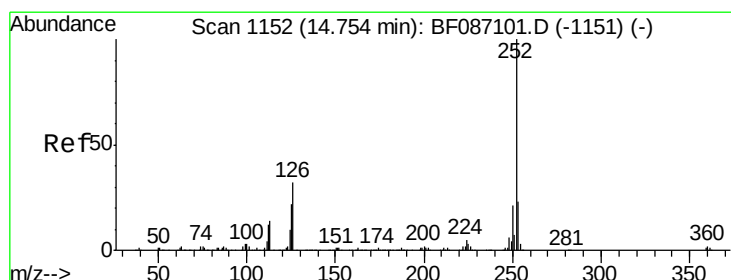
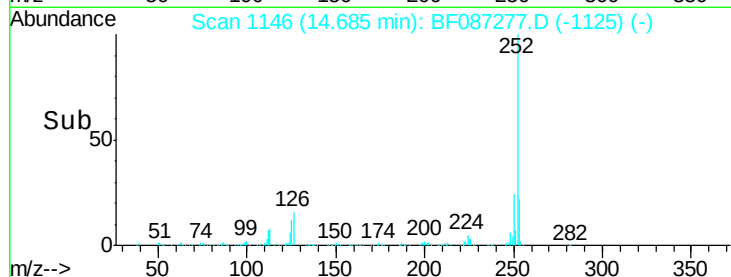
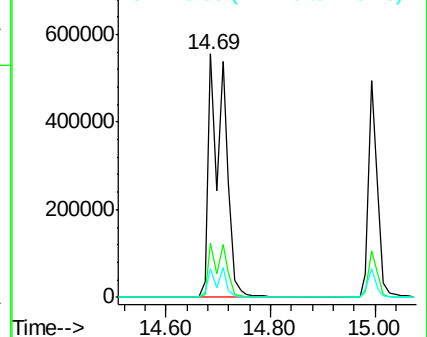
125 11.9 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 87.20 ng

RT: 14.69 min Scan# 1146

Delta R.T. -0.09 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

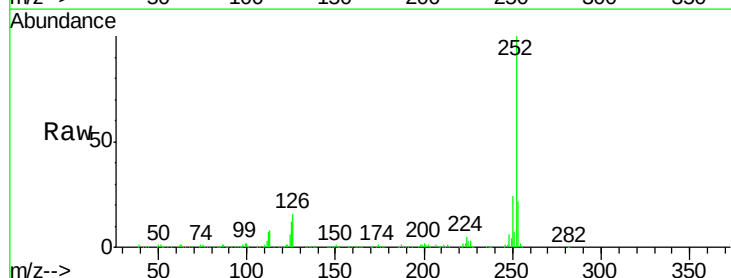
Tgt Ion:252 Resp: 1182707

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

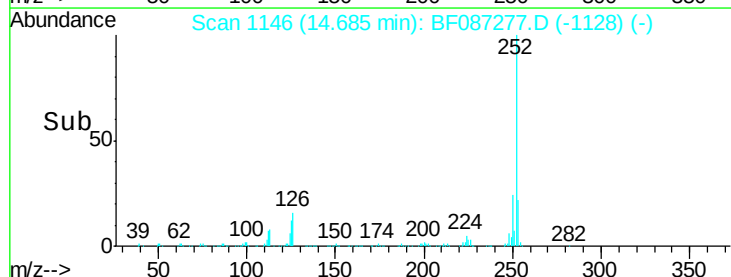
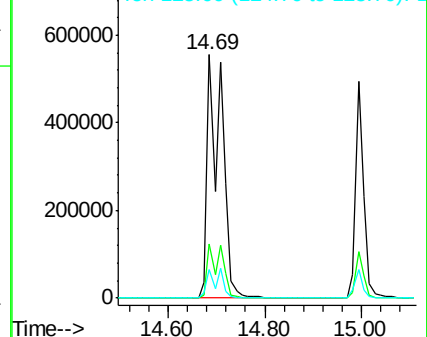
125 11.9 9.1 13.7

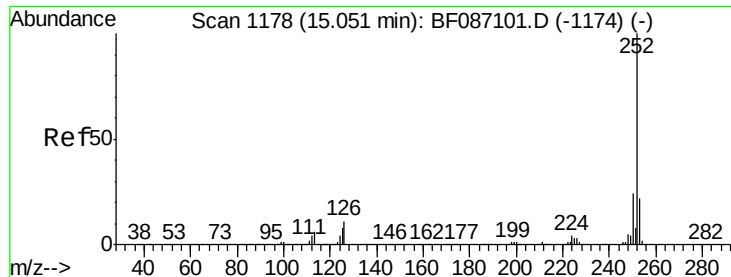


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

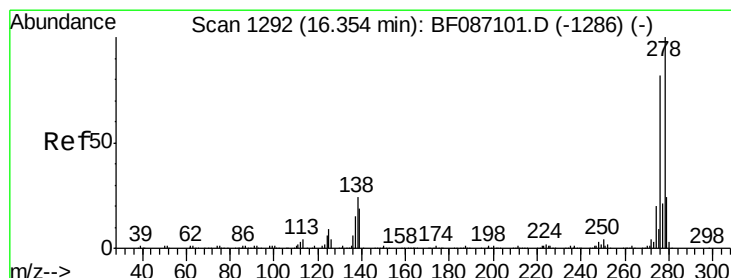
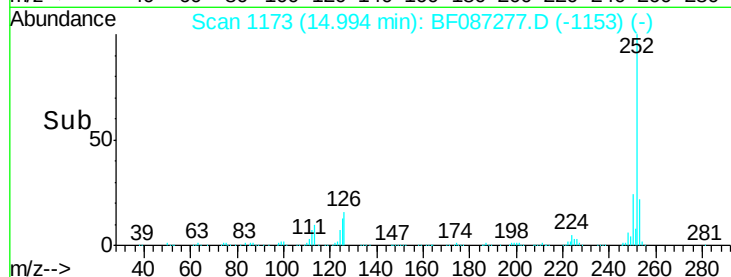
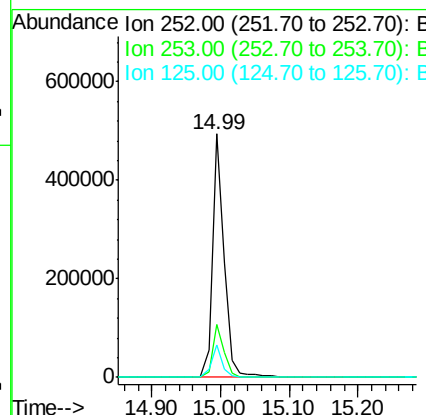
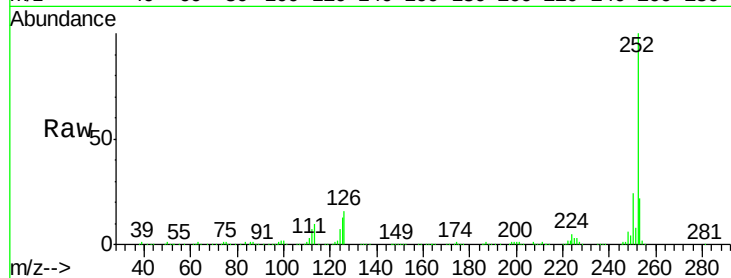




#89
Benzo(a)pyrene
Concen: 37.97 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.07 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

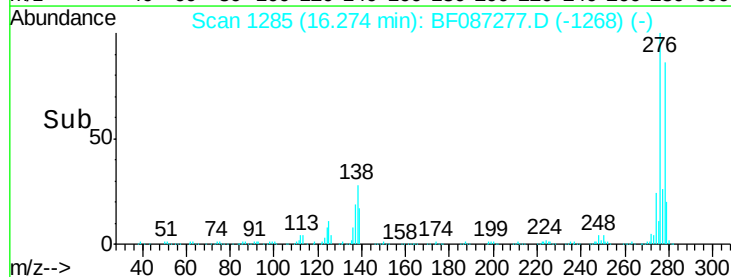
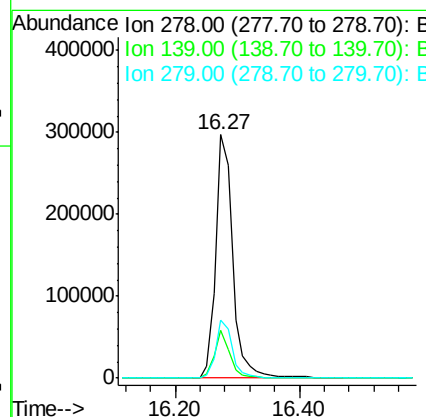
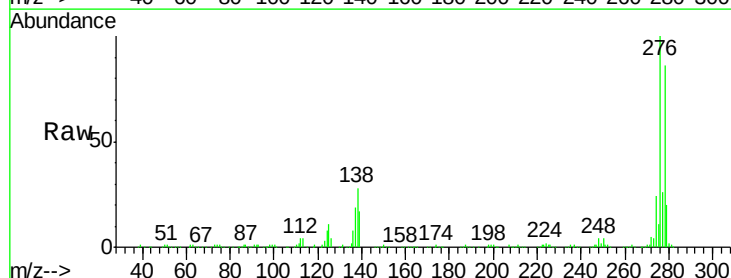
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

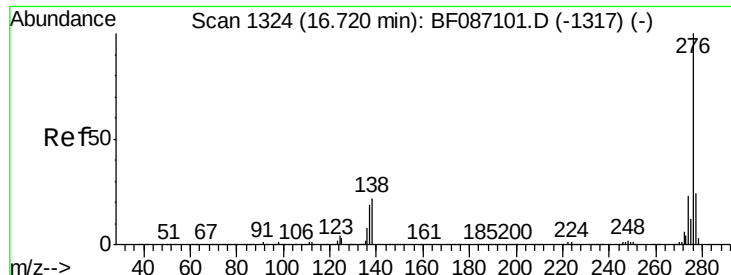
Tgt Ion: 252 Resp: 578206
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 13.1 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 43.73 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.10 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Tgt Ion: 278 Resp: 560647
Ion Ratio Lower Upper
278 100
139 19.5 16.6 24.8
279 23.6 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 42.99 ng

RT: 16.64 min Scan# 1317

Delta R.T. -0.10 min

Lab File: BF087277.D

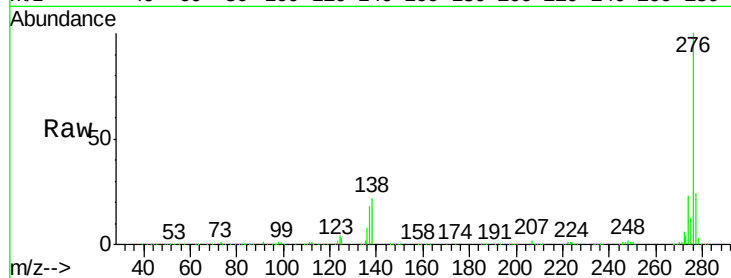
Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:	276	Resp:	556763
Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	21.7	23.6	35.4

