

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 02:08:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 23 01:56:40 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	0.00
21) Naphthalene-d8	7.85	136	607172	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	275975	20.00	ng	0.01
63) Phenanthrene-d10	11.07	188	509292	20.00	ng	0.00
75) Chrysene-d12	13.70	240	294321	20.00	ng	0.00
86) Perylene-d12	15.05	264	274616	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	670086	80.10	ng	0.01
7) Phenol-d6	6.24	99	887786	79.12	ng	0.01
23) Nitrobenzene-d5	7.14	82	895235	73.48	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	204135	66.94	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1247509	74.86	ng	0.00
78) Terphenyl-d14	12.65	244	1219833	93.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	159714	37.11	ng	# 74
3) Pyridine	2.58	79	396154	38.05	ng	# 63
4) n-Nitrosodimethylamine	2.56	42	285077	38.64	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	571684	40.53	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	428381	38.69	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	8.56	142	685189m	36.11	ng	
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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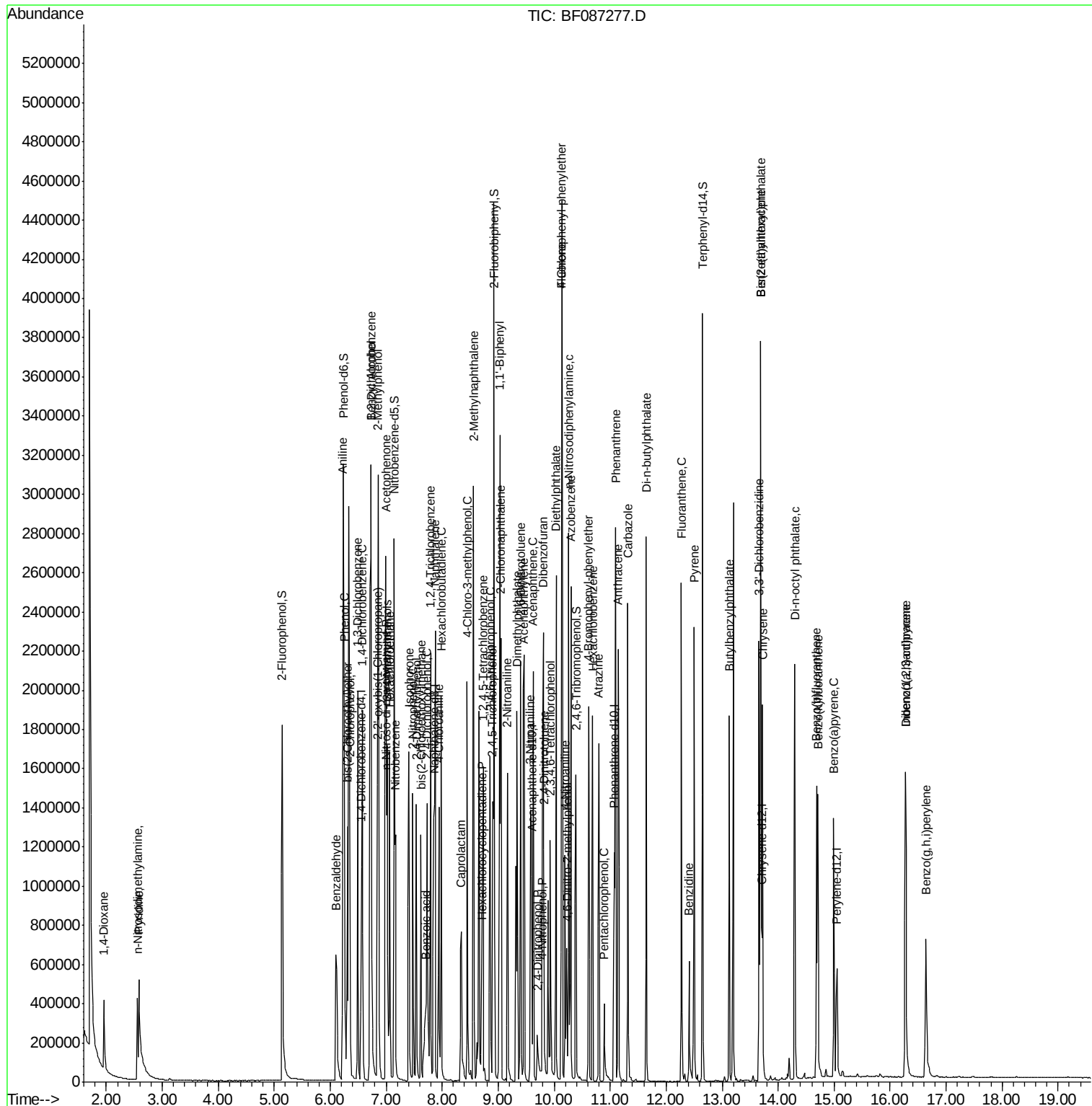
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	206158	39.44	nq	93
43) 2,4,5-Trichlorophenol	8.90	196	215432	39.67	nq	# 88
45) 1,1'-Biphenyl	9.03	154	1020422	44.59	nq	99
46) 2-Chloronaphthalene	9.05	162	729767	41.54	nq	99
47) 2-Nitroaniline	9.16	65	274291	40.74	nq	# 82
48) Acenaphthylene	9.45	152	1042649	38.87	nq	99
49) Dimethylphthalate	9.34	163	820166	38.96	nq	99
50) 2,6-Dinitrotoluene	9.40	165	164191	35.92	nq	# 70
51) Acenaphthene	9.62	154	636260	37.97	nq	98
52) 3-Nitroaniline	9.58	138	169326	34.22	nq	# 75
53) 2,4-Dinitrophenol	9.70	184	64275	27.82	nq	87
54) Dibenzofuran	9.80	168	843651	38.93	nq	99
55) 4-Nitrophenol	9.78	139	34487m	19.71	nq	
56) 2,4-Dinitrotoluene	9.82	165	240838	41.14	nq	# 76
57) Fluorene	10.14	166	654900	37.61	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	156757	37.06	nq	96
59) Diethylphthalate	10.03	149	820419	40.82	nq	98
60) 4-Chlorophenyl-phenylether	10.14	204	350242	42.44	nq	94
61) 4-Nitroaniline	10.19	138	161109	32.97	nq	# 65
62) Azobenzene	10.30	77	961315	41.51	nq	87
64) 4,6-Dinitro-2-methylphenol	10.23	198	106491	31.75	nq	87
65) n-Nitrosodiphenylamine	10.26	169	591206	36.89	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	204553	39.06	nq	# 84
67) Hexachlorobenzene	10.68	284	222839	36.70	nq	# 77
68) Atrazine	10.80	200	200091	38.27	nq	95
69) Pentachlorophenol	10.89	266	63037	27.64	nq	97
70) Phenanthrene	11.10	178	1061741	38.44	nq	100
71) Anthracene	11.14	178	991262	35.48	nq	99
72) Carbazole	11.31	167	897668	35.17	nq	99
73) Di-n-butylphthalate	11.65	149	1223229	41.73	nq	# 98
74) Fluoranthene	12.27	202	948220	34.26	nq	97
76) Benzidine	12.41	184	257414	28.33	nq	99
77) Pyrene	12.50	202	1017118	47.84	nq	100
79) Butylbenzylphthalate	13.13	149	469997	52.36	nq	90
80) Benzo(a)anthracene	13.69	228	667454	39.22	nq	98
81) 3,3'-Dichlorobenzidine	13.66	252	443749	40.98	nq	99
82) Chrysene	13.73	228	715001	43.43	nq	100
83) Bis(2-ethylhexyl)phthalate	13.69	149	612080	56.03	nq	98
84) Di-n-octyl phthalate	14.30	149	902630	47.96	nq	# 84
85) Indeno(1,2,3-cd)pyrene	16.27	276	671865	46.49	nq	95
87) Benzo(b)fluoranthene	14.69	252	572949m	31.45	nq	
88) Benzo(k)fluoranthene	14.71	252	595368m	43.90	nq	
89) Benzo(a)pyrene	14.99	252	578206	37.97	nq	98
90) Dibenzo(a,h)anthracene	16.27	278	560647	43.73	nq	98
91) Benzo(g,h,i)perylene	16.64	276	556088	42.94	nq	# 91

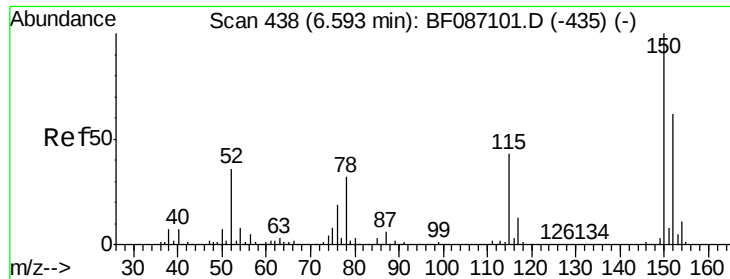
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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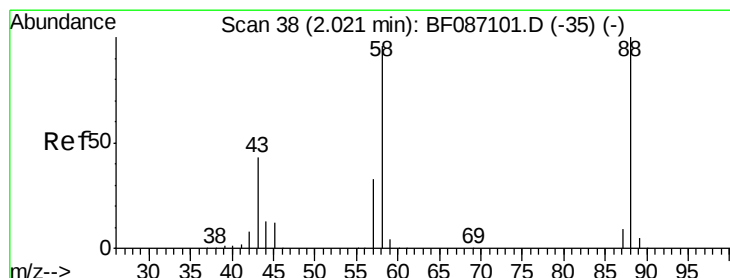
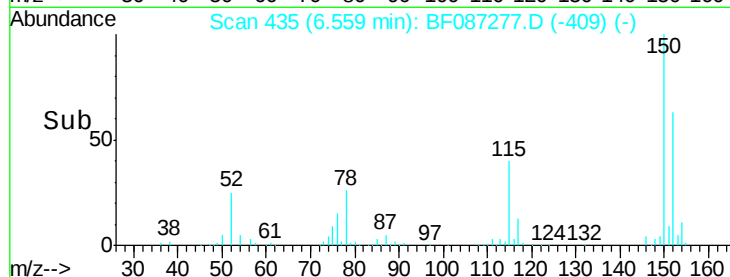
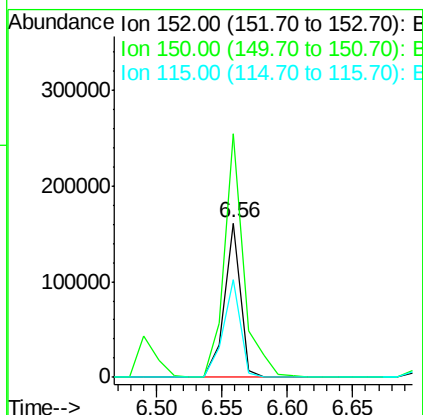
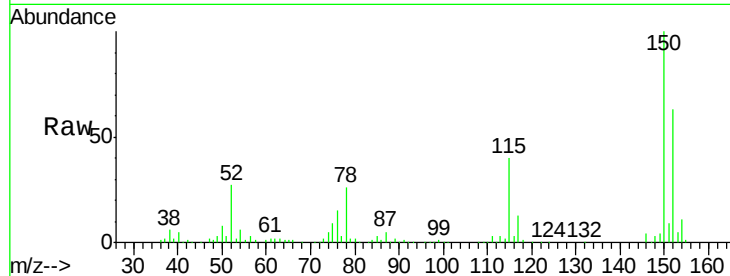


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

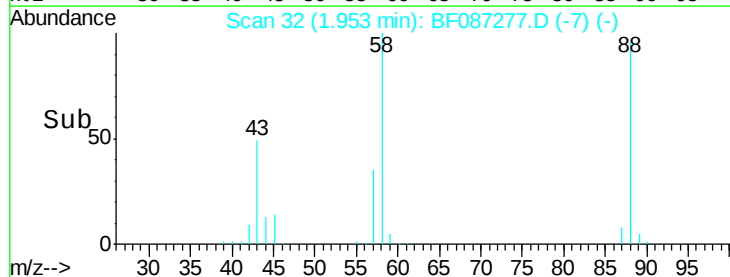
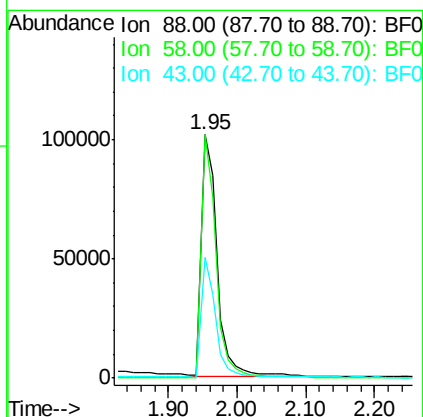
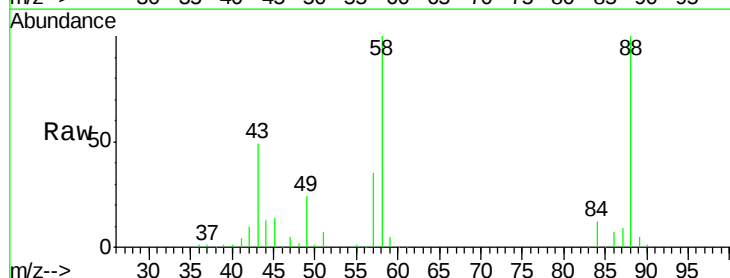
Tot Ion:152 Resp: 140621
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 63.5 51.5 77.3

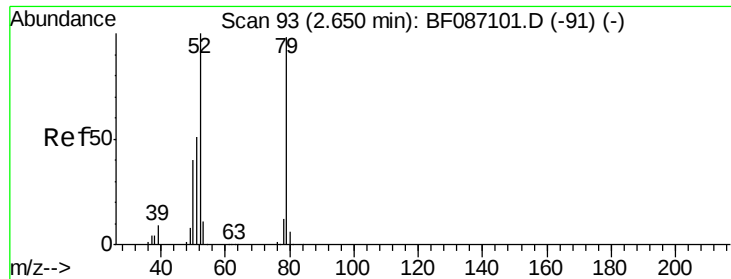


#2

1,4-Dioxane
Concen: 37.11 ng
RT: 1.95 min Scan# 32
Delta R.T. -0.01 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#





#3

Pvridine

Concen: 38.05 ng

RT: 2.58 min Scan# 87

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

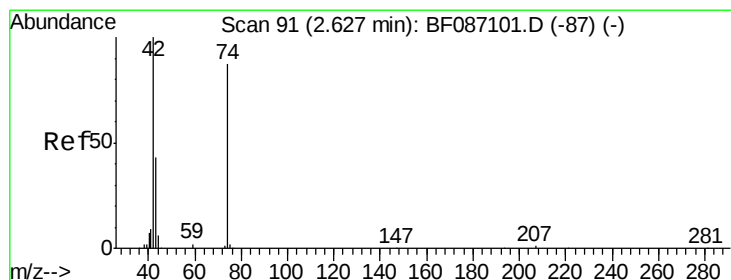
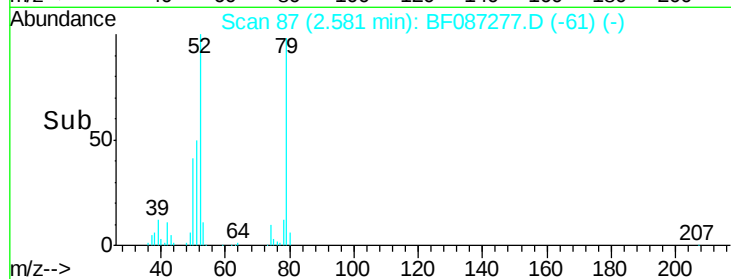
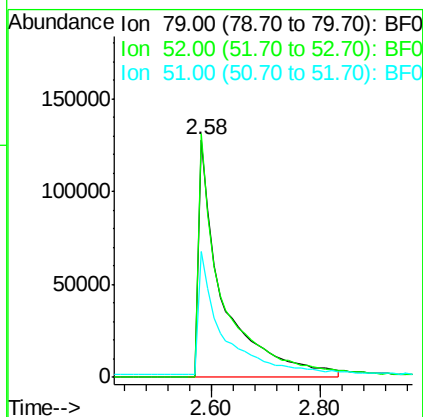
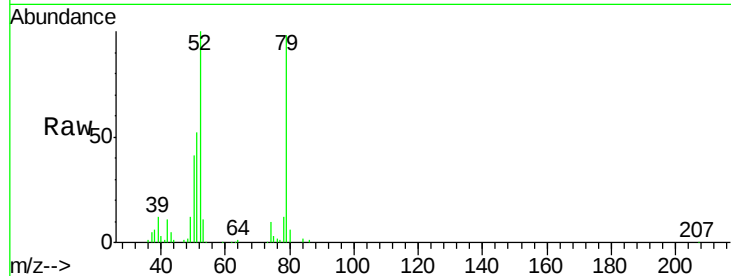
Tot Ion: 79 Resp: 396154

Ion Ratio Lower Upper

79 100

52 102.6 55.9 83.9#

51 53.1 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 38.64 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

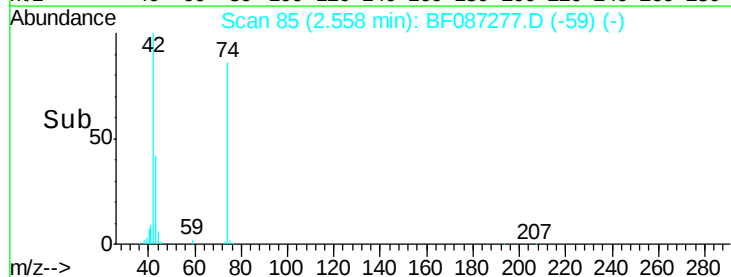
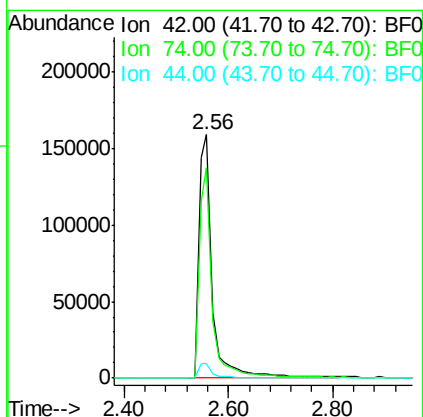
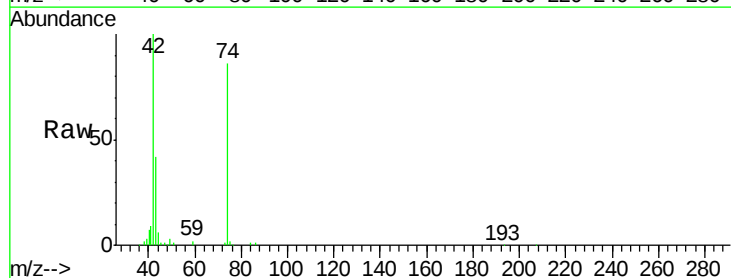
Tgt Ion: 42 Resp: 285077

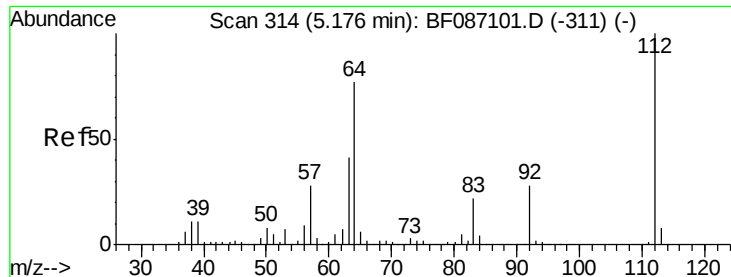
Ion Ratio Lower Upper

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. 0.01 min

Lab File: BF087277.D

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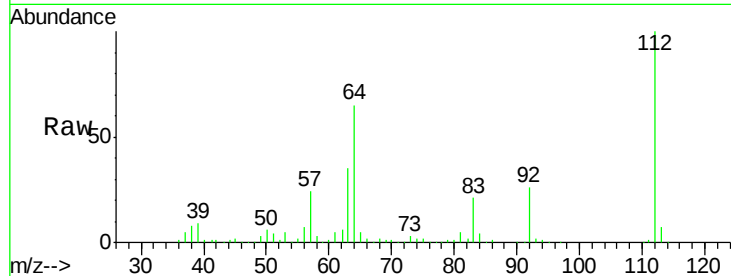
Tot Ion:112 Resp: 670086

Ion Ratio Lower Upper

112 100

64 64.9 52.1 78.1

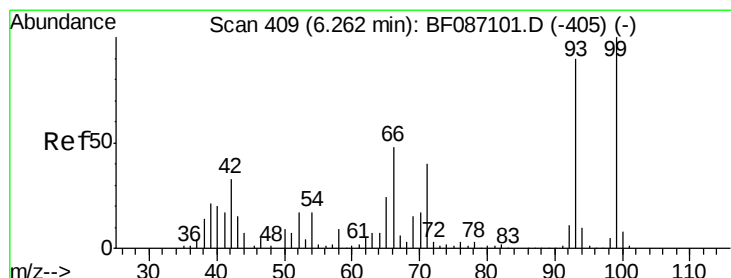
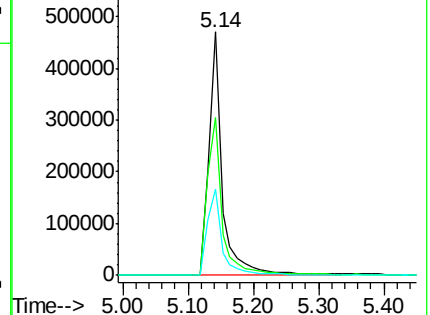
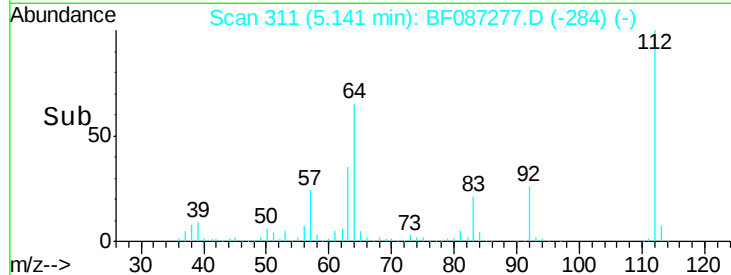
63 35.5 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

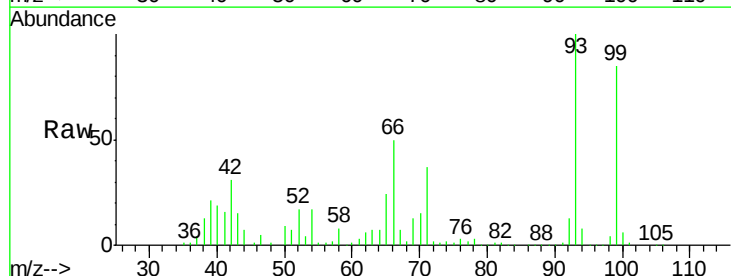
Tgt Ion: 93 Resp: 528330

Ion Ratio Lower Upper

93 100

66 50.1 39.0 58.6

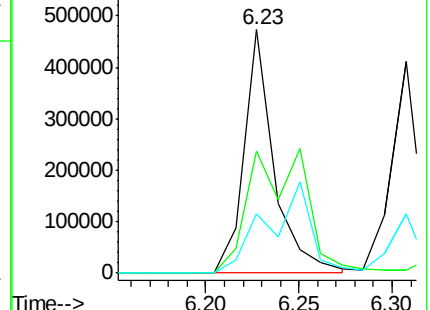
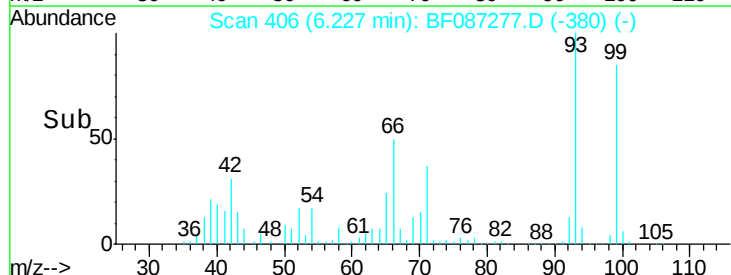
65 24.2 20.6 31.0

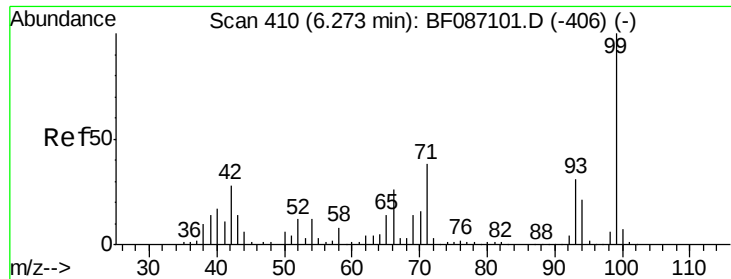


Abundance Ion 93.00 (92.70 to 93.70): BF0

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. 0.01 min

Lab File: BF087277.D

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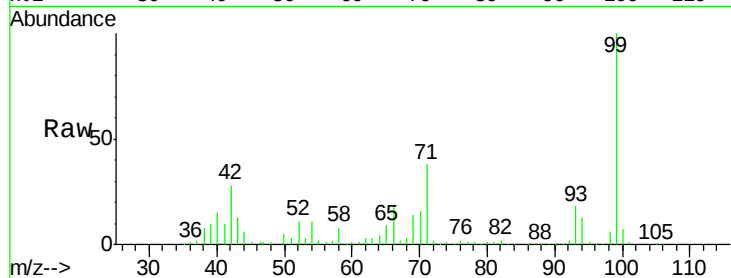
Tot Ion: 99 Resp: 887786

Ion Ratio Lower Upper

99 100

42 27.6 13.6 20.4#

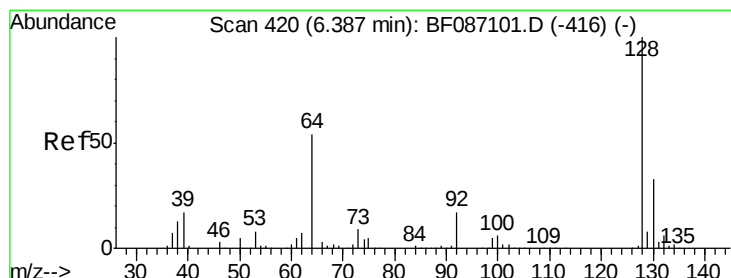
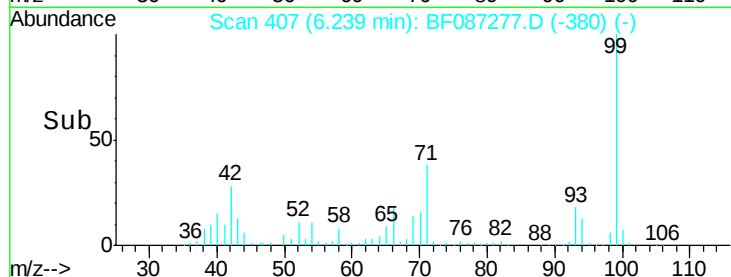
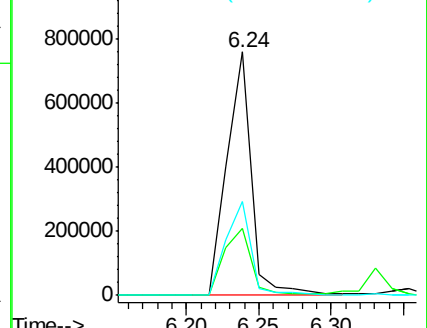
71 38.4 24.6 36.8#



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. 0.01 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

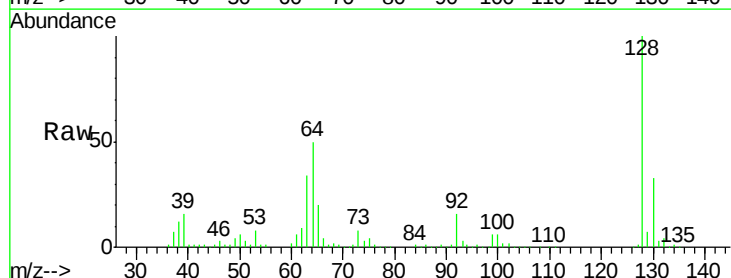
Tgt Ion: 128 Resp: 395293

Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

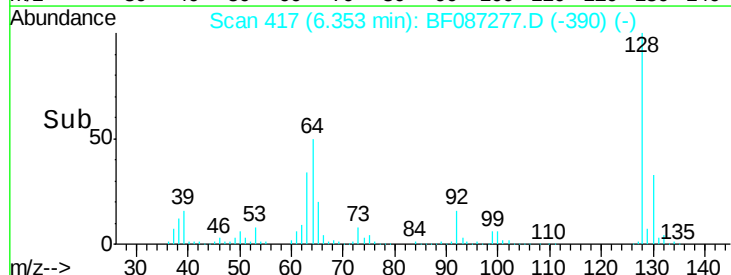
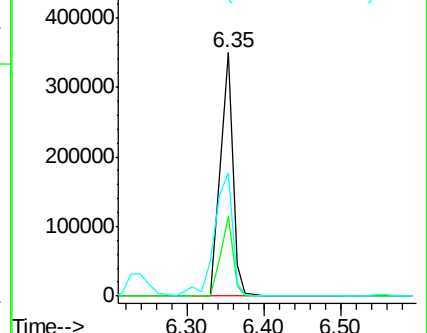
64 50.4 27.3 67.3

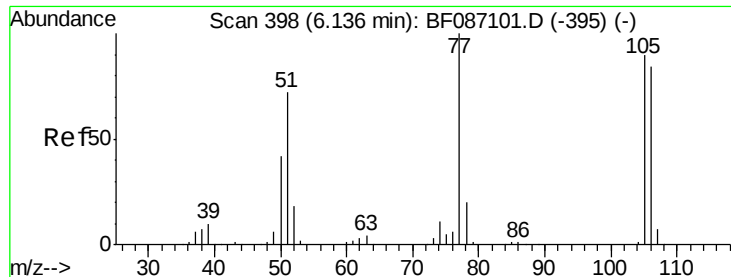


Abundance Ion 128.00 (127.70 to 128.70): E

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. -0.00 min

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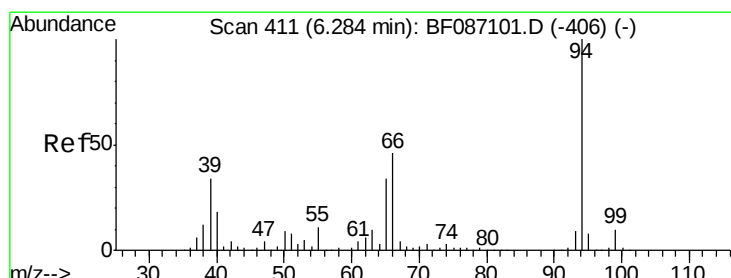
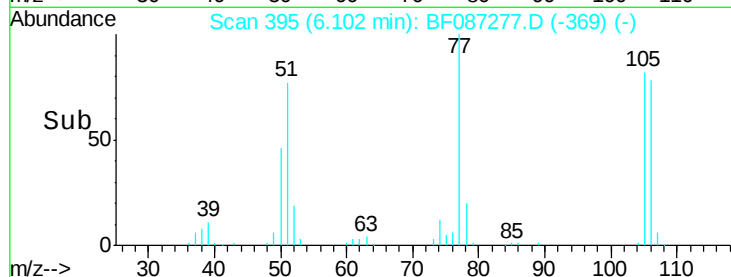
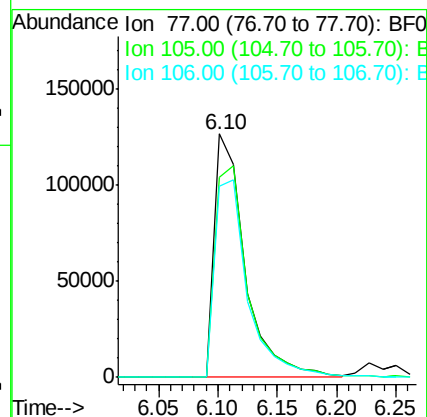
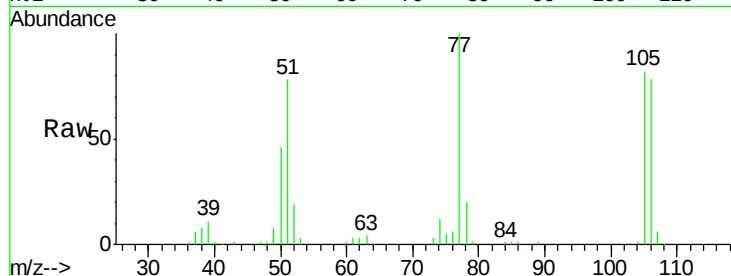
Tot Ion: 77 Resp: 228176

Ion Ratio Lower Upper

77 100

105 81.9 72.7 112.7

106 78.5 70.8 110.8



#10

Phenol

Concen: 40.53 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.01 min

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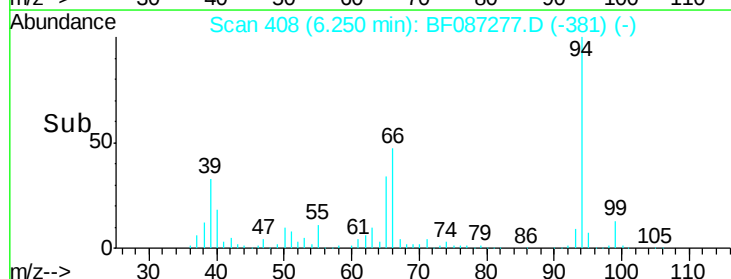
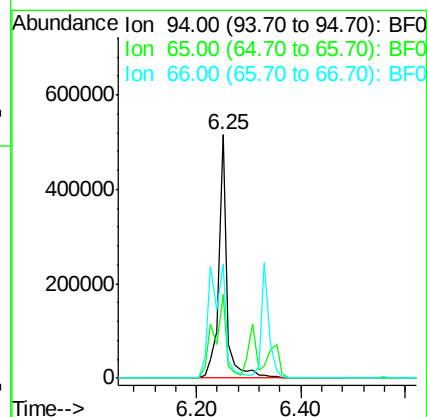
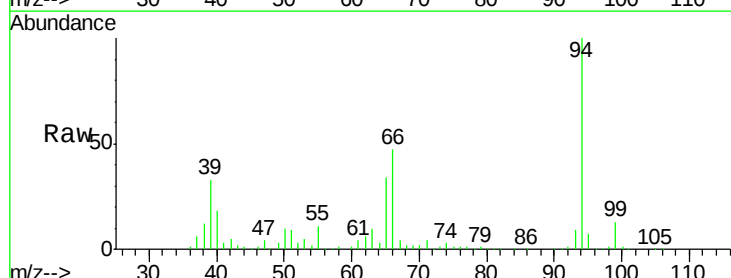
Tgt Ion: 94 Resp: 571684

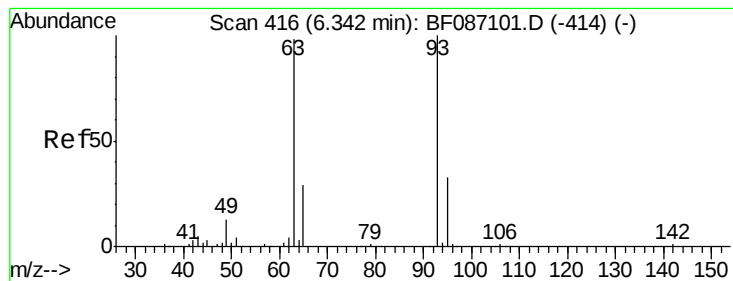
Ion Ratio Lower Upper

94 100

65 34.5 7.2 47.2

66 47.0 14.9 54.9

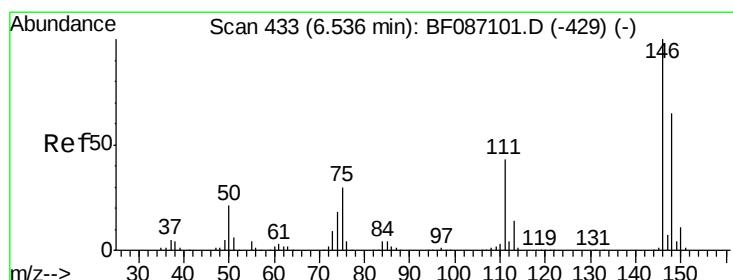
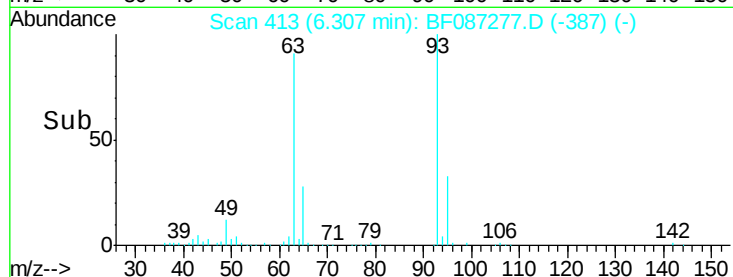
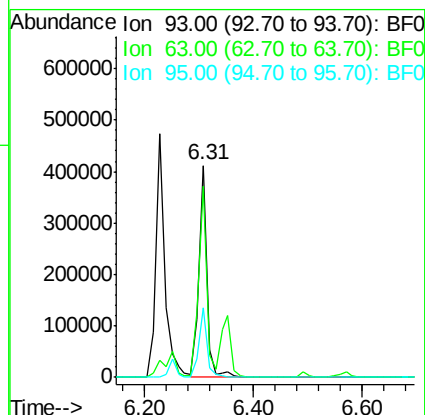
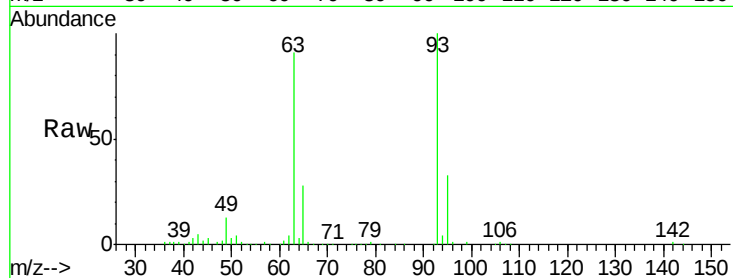




#11
bis(2-Chloroethyl)ether
Concen: 39.78 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

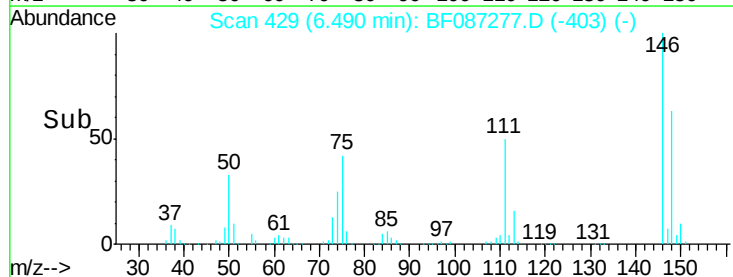
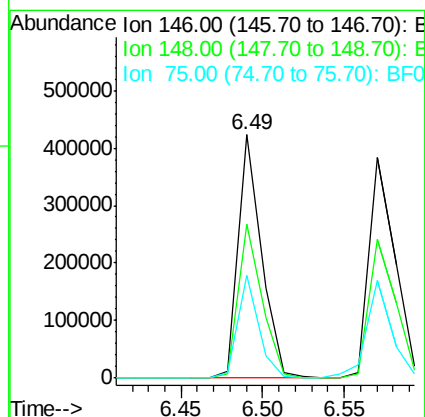
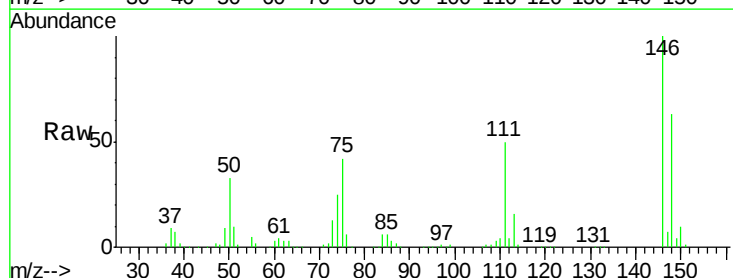
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

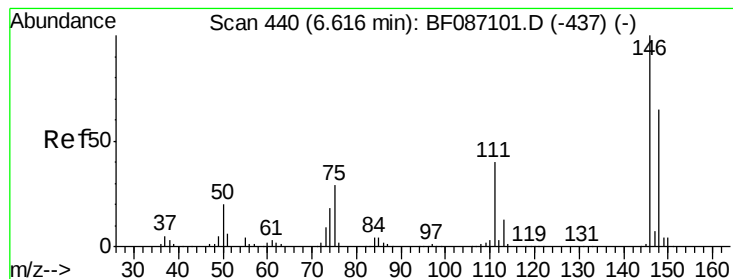
Tot Ion: 93 Resp: 421281
Ion Ratio Lower Upper
93 100
63 90.6 58.0 98.0
95 32.8 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 38.33 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.00 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: 38.69 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

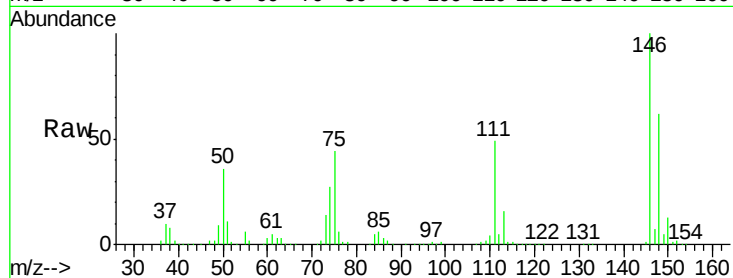
Tot Ion:146 Resp: 428381

Ion Ratio Lower Upper

146 100

148 62.4 52.2 78.4

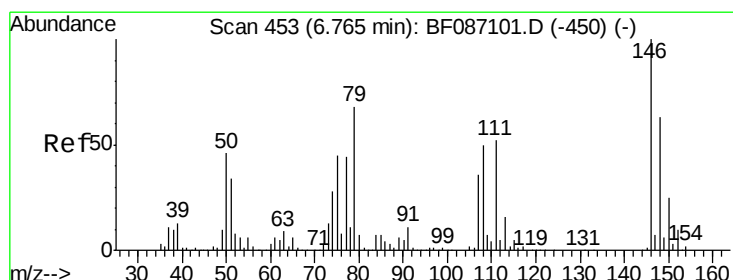
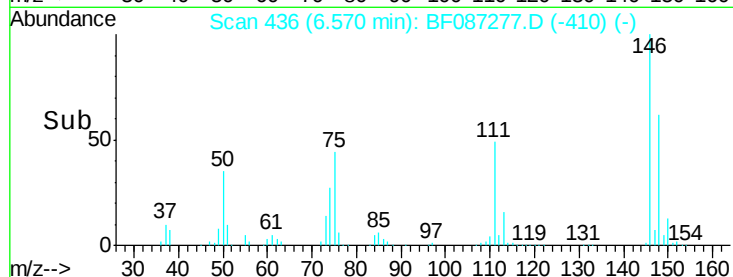
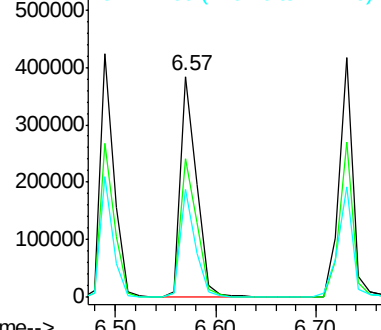
111 49.0 30.7 46.1#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.73 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

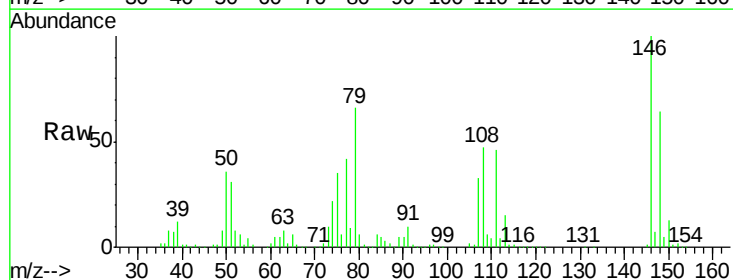
Tgt Ion:146 Resp: 394739

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

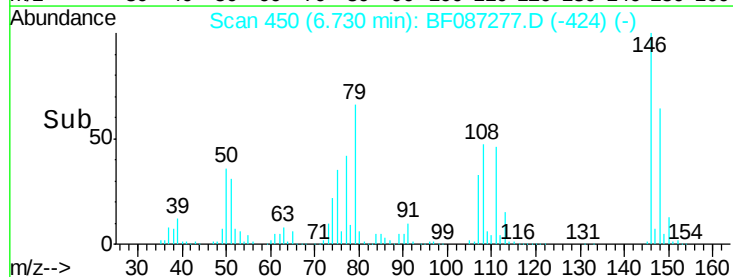
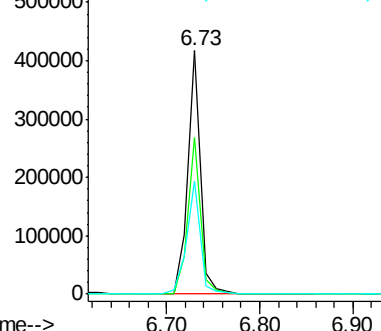
111 46.2 36.2 54.4

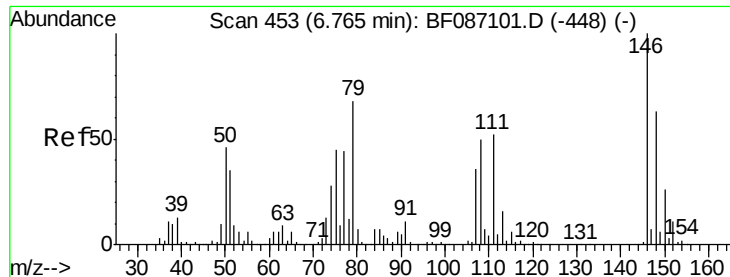


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.66 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

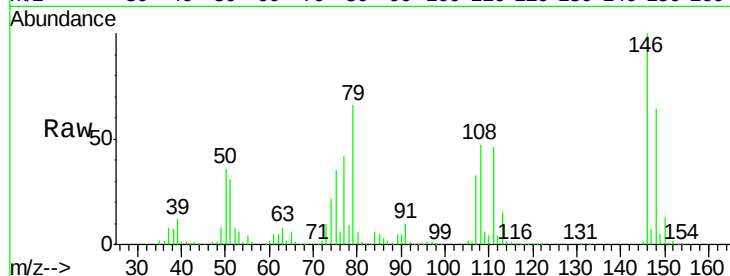
Tot Ion: 79 Resp: 348007

Ion Ratio Lower Upper

79 100

108 70.2 68.4 102.6

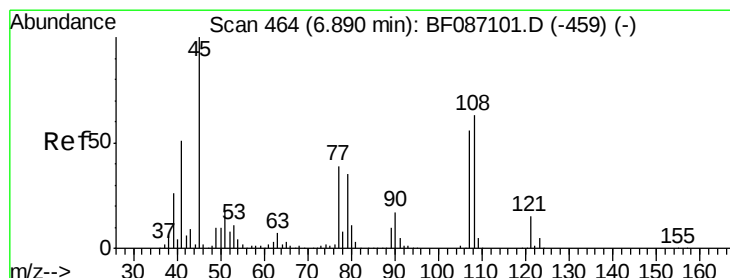
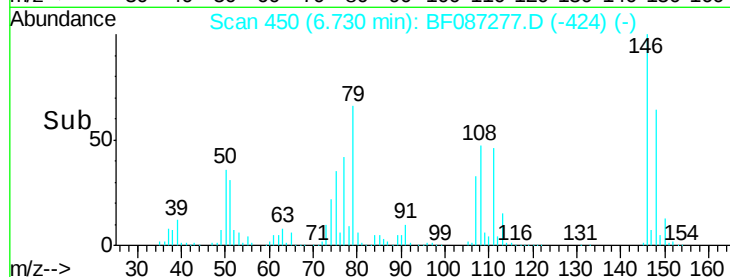
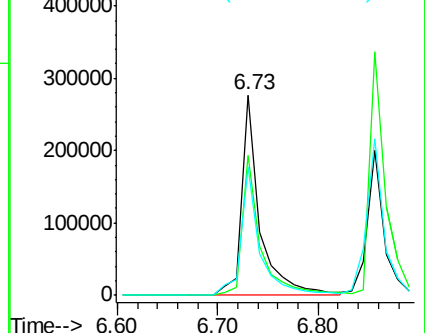
77 63.8 50.6 76.0



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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

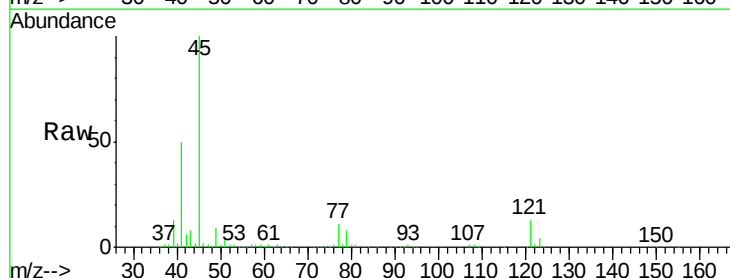
Tgt Ion: 45 Resp: 850246

Ion Ratio Lower Upper

45 100

77 10.7 0.0 36.4

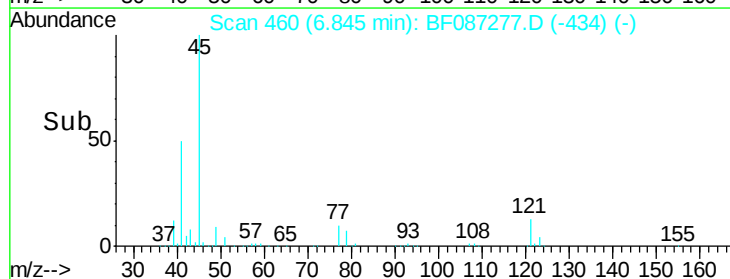
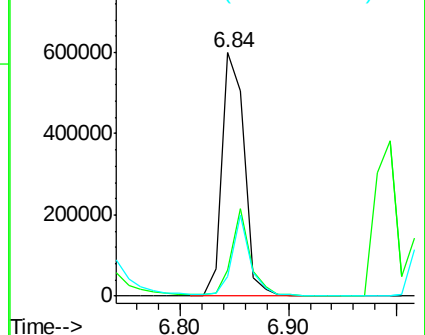
79 7.8 0.0 33.4

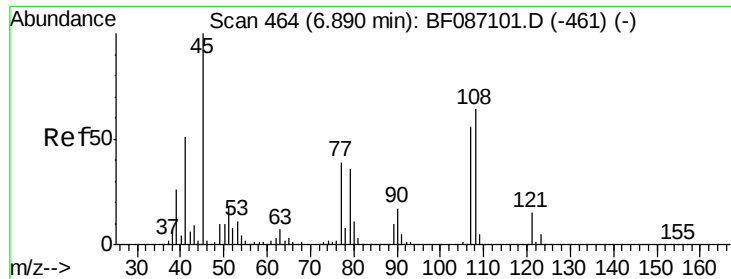


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

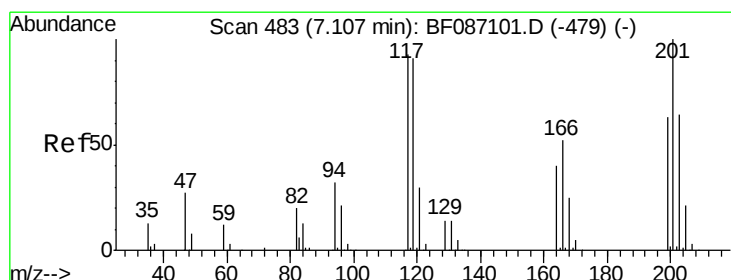
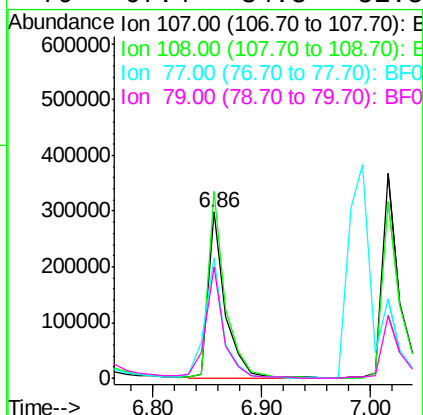
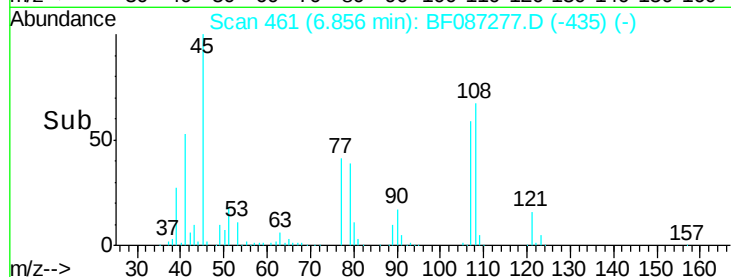
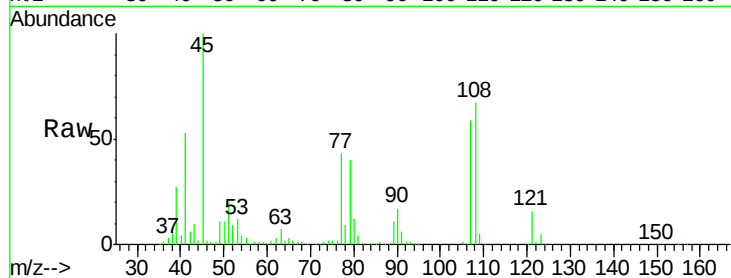




#17
2-Methylphenol
Concen: 38.85 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

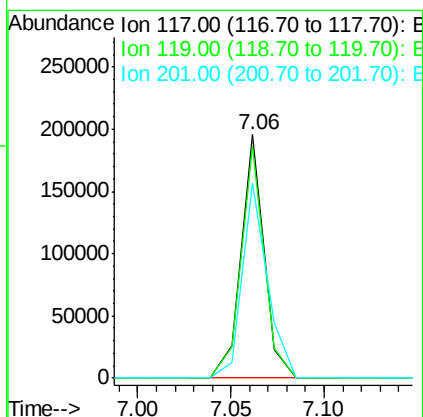
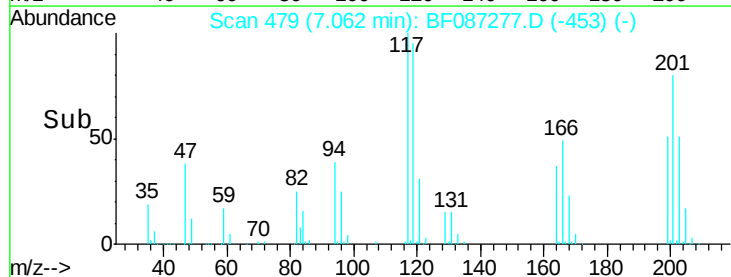
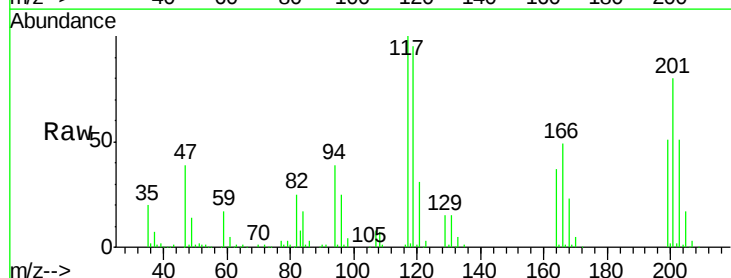
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

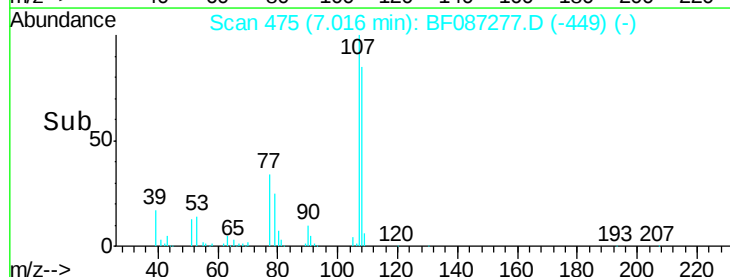
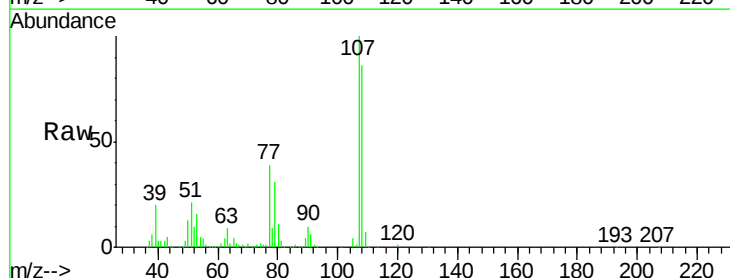
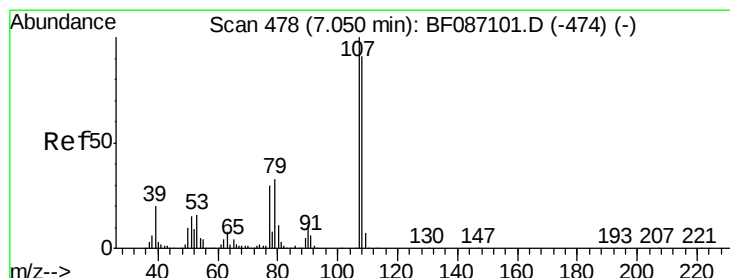
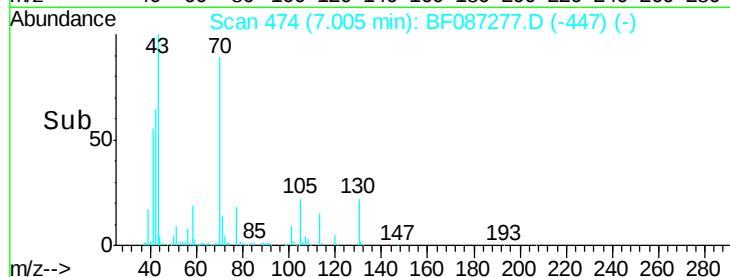
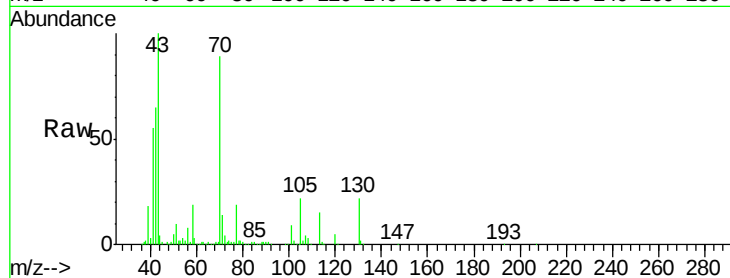
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	93.7	140.5
77	72.3	33.4	50.0#
79	67.4	34.3	51.5#



#18
Hexachloroethane
Concen: 39.80 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.00 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

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

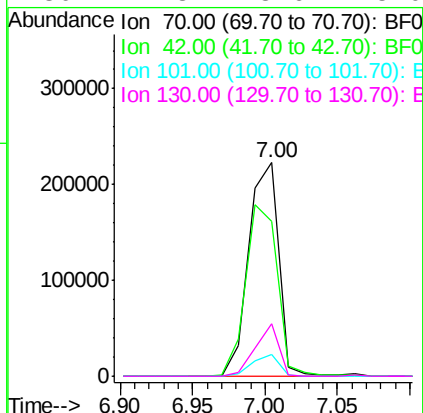




#19
n-Nitroso-di-n-propylamine
Concen: 37.50 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.01 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

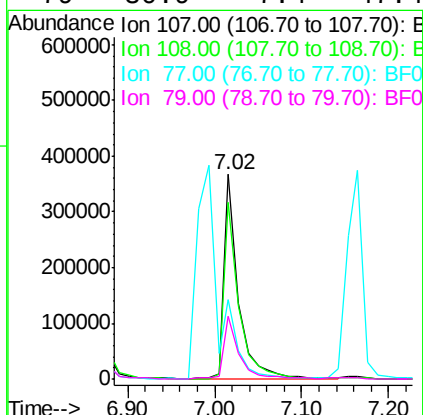
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

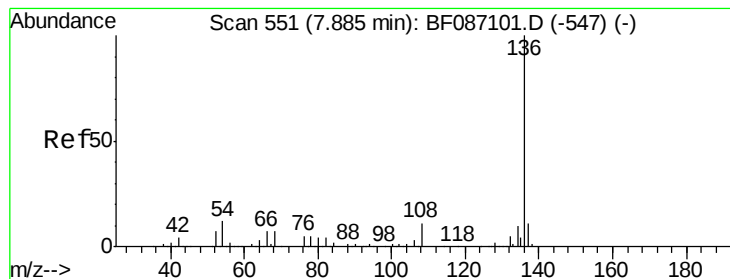
Tot Ion	Ratio	Lower	Upper
70	100		
42	72.7	43.1	64.7#
101	10.5	8.1	12.1
130	24.3	18.6	28.0



#20
3+4-Methylphenols
Concen: 38.49 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.00 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Tgt 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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:136 Resp: 607172

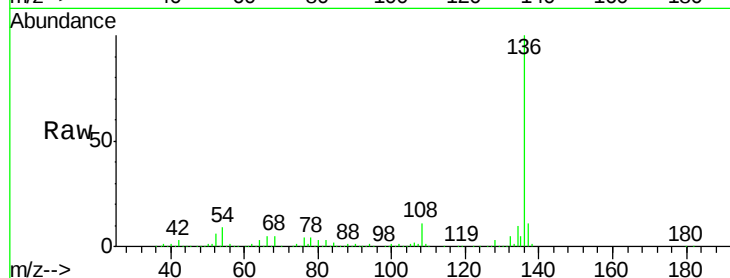
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 9.3 5.0 7.4#

68 4.9 4.4 6.6

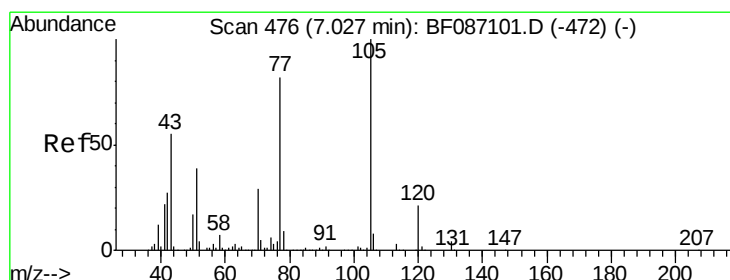
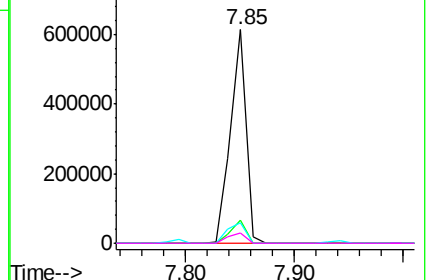
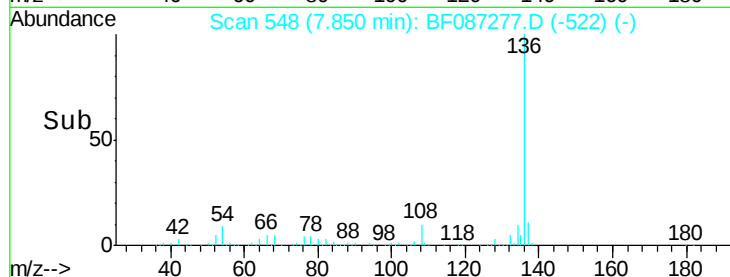


Abundance Ion 136.00 (135.70 to 136.70): E

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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Tgt Ion:105 Resp: 619308

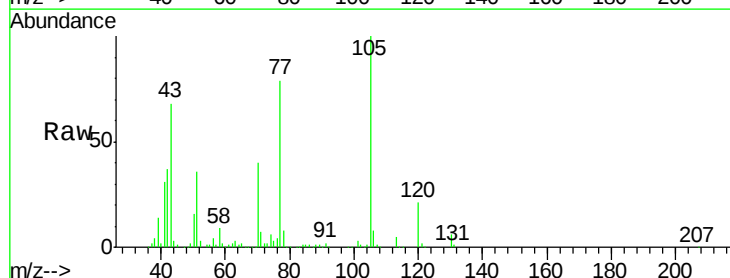
Ion Ratio Lower Upper

105 100

71 6.8 4.8 7.2

51 35.9 32.6 49.0

120 20.7 16.5 24.7

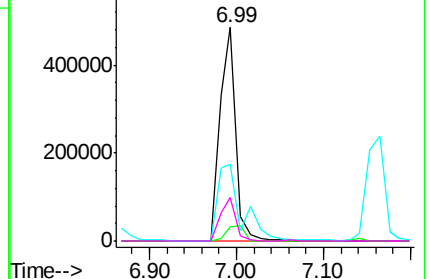
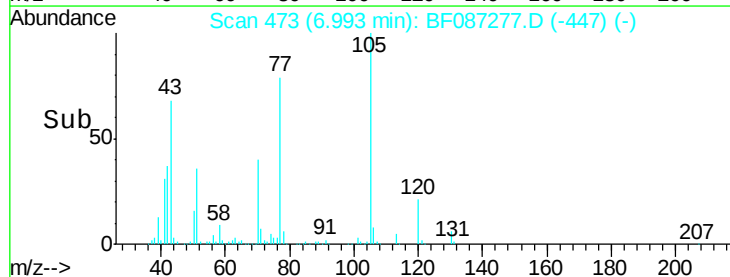


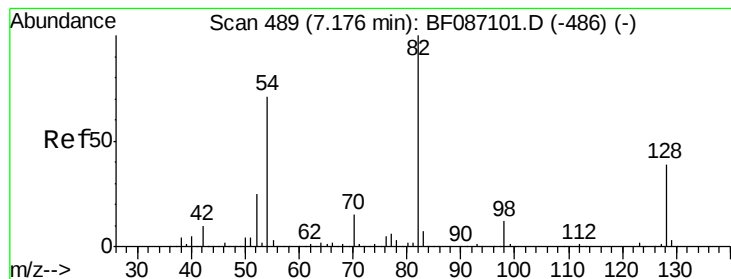
Abundance Ion 105.00 (104.70 to 105.70): E

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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

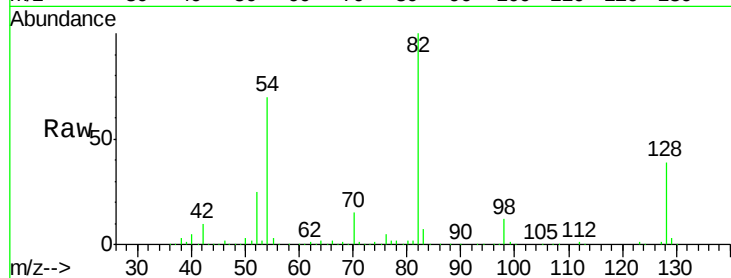
Tot Ion: 82 Resp: 895235

Ion Ratio Lower Upper

82 100

128 39.1 40.6 61.0#

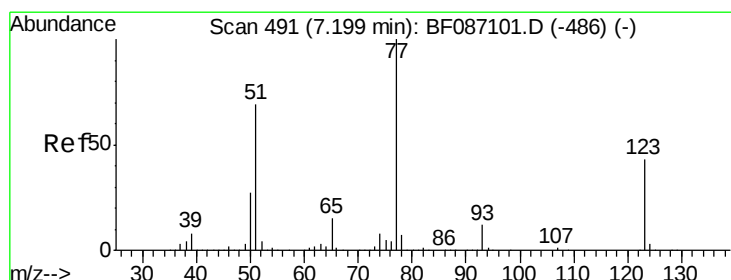
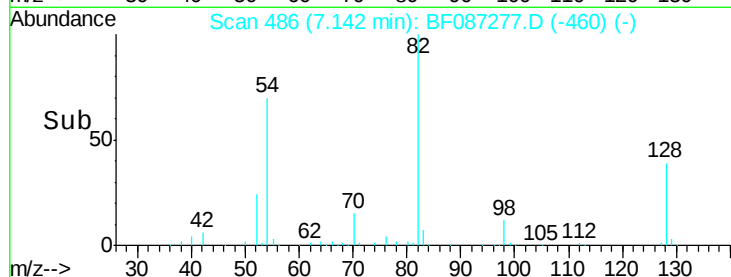
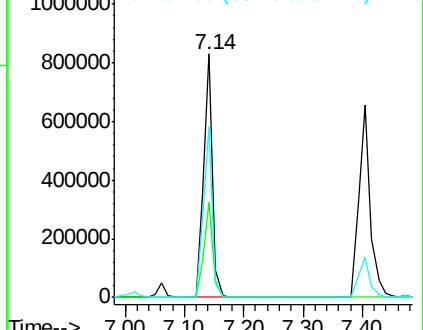
54 70.1 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.26 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

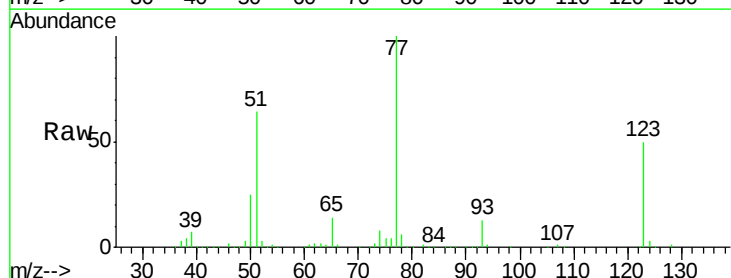
Tgt Ion: 77 Resp: 482354

Ion Ratio Lower Upper

77 100

123 49.6 33.0 49.4#

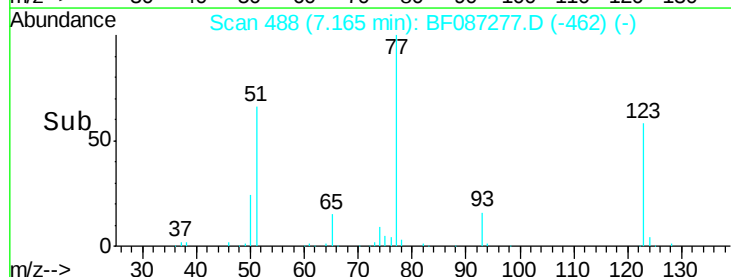
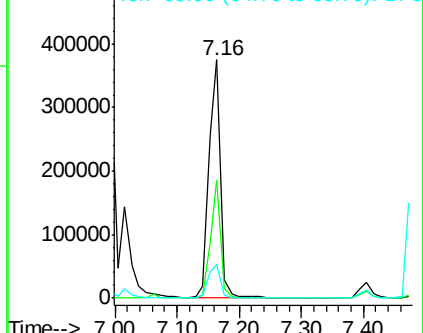
65 14.3 10.8 16.2

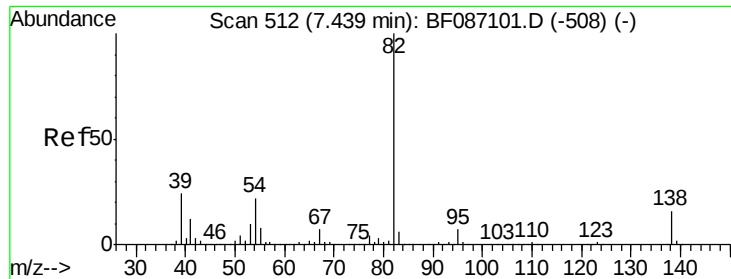


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.22 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

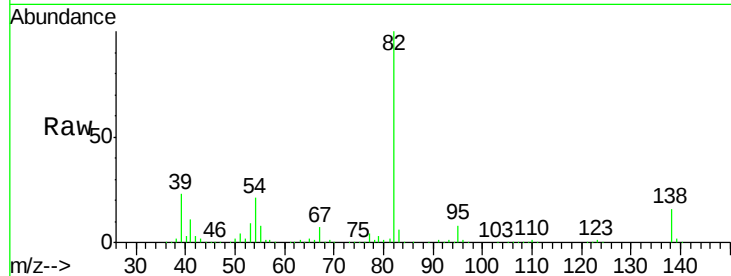
Tot Ion: 82 Resp: 874747

Ion Ratio Lower Upper

82 100

95 7.5 5.1 7.7

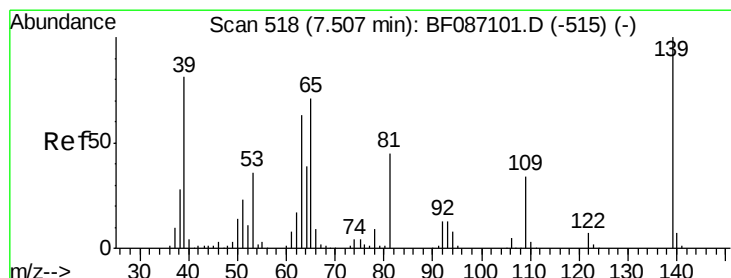
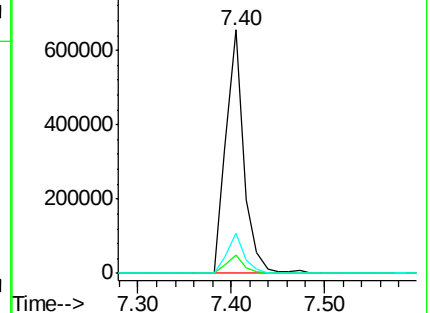
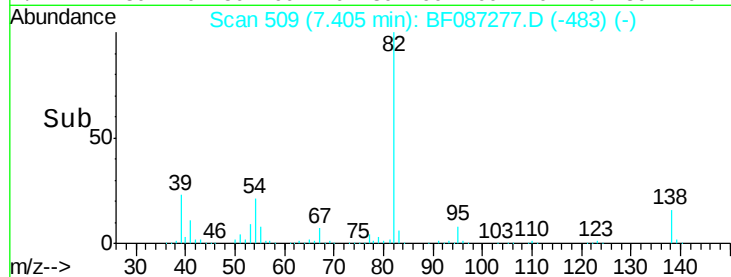
138 16.5 12.4 18.6



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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

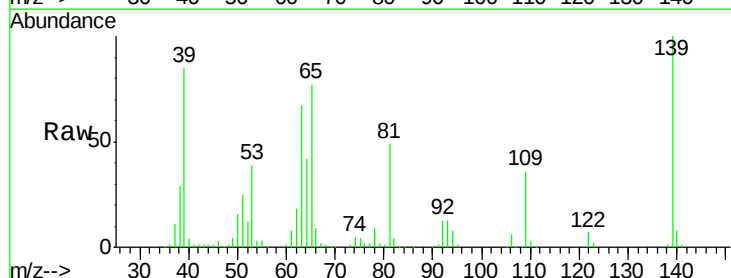
Tgt Ion: 139 Resp: 211212

Ion Ratio Lower Upper

139 100

109 35.6 19.5 29.3#

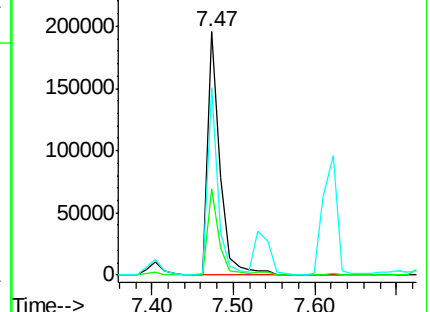
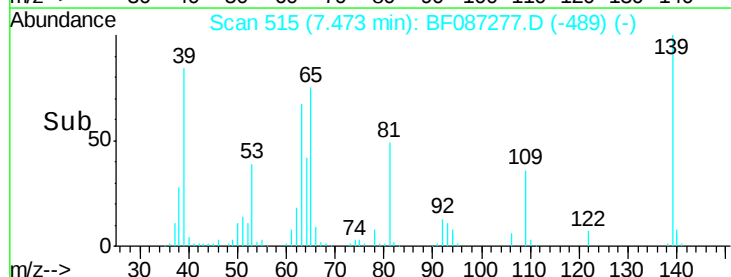
65 76.7 37.5 56.3#

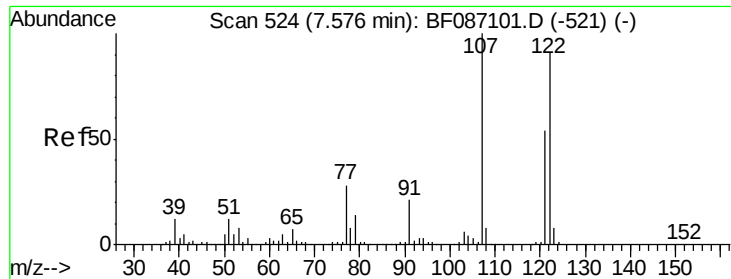


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

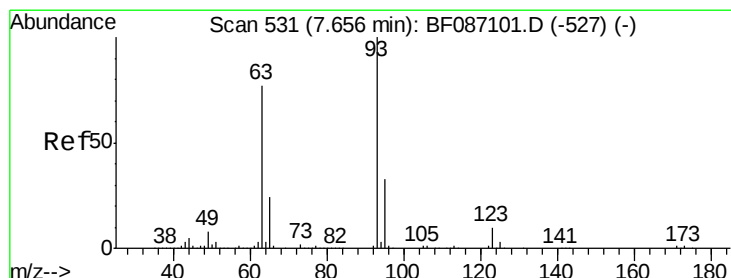
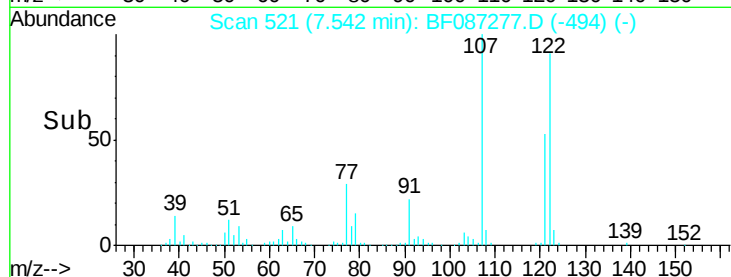
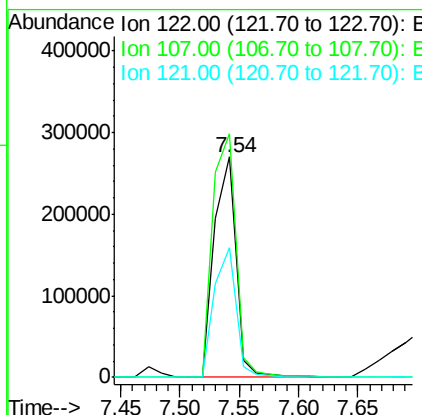
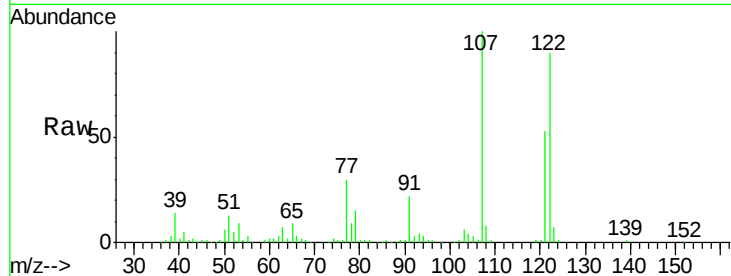




#27
2,4-Dimethylphenol
Concen: 36.25 ng
RT: 7.54 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

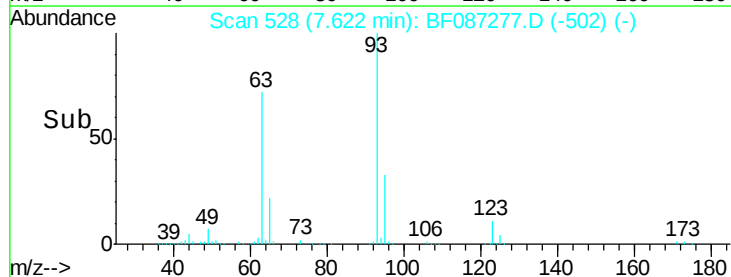
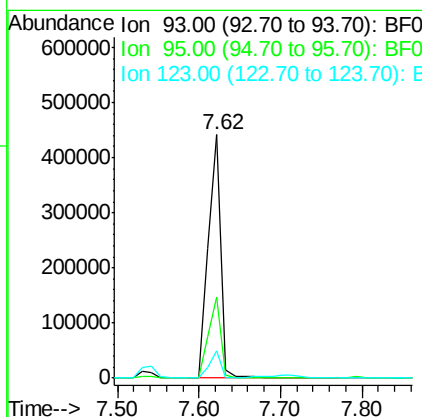
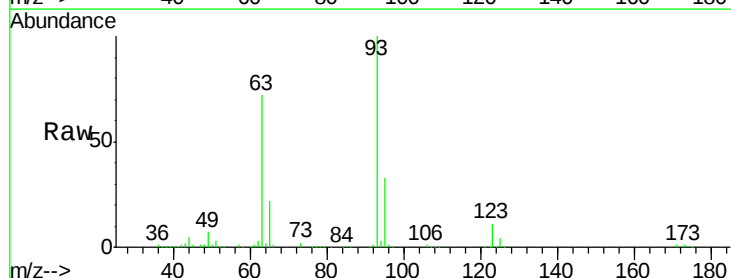
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

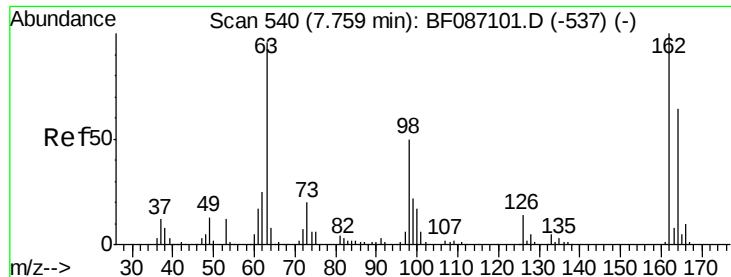
Tot Ion:122 Resp: 340901
Ion Ratio Lower Upper
122 100
107 110.6 82.0 123.0
121 58.7 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.66 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.00 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

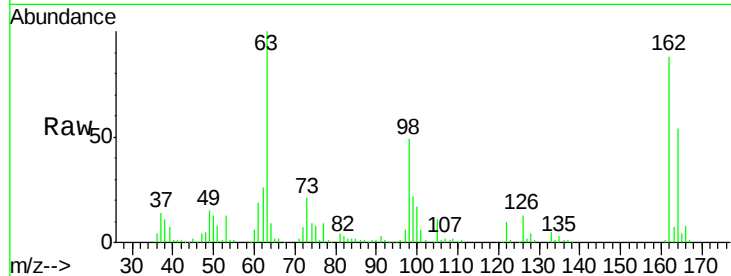




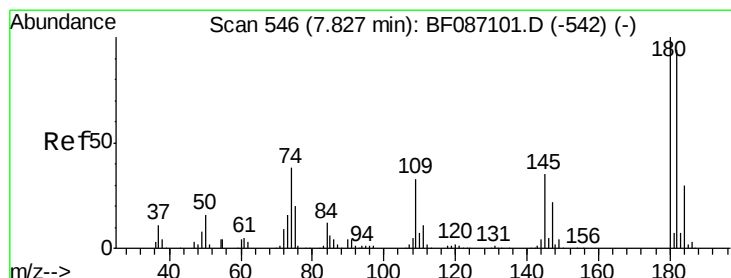
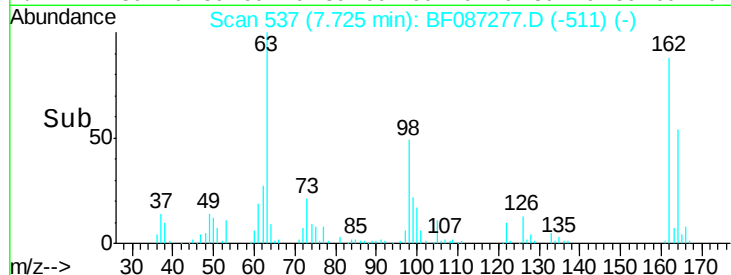
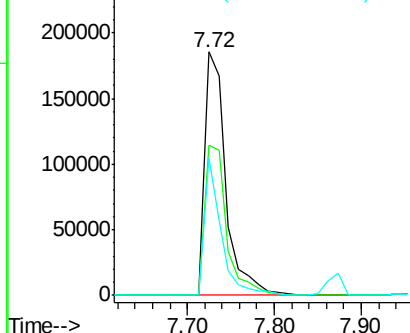
#29
 2,4-Dichlorophenol
 Concen: 37.78 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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

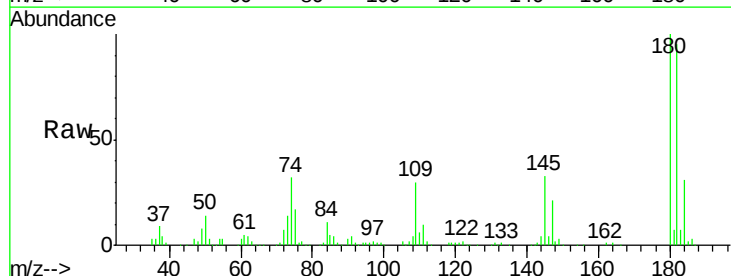


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

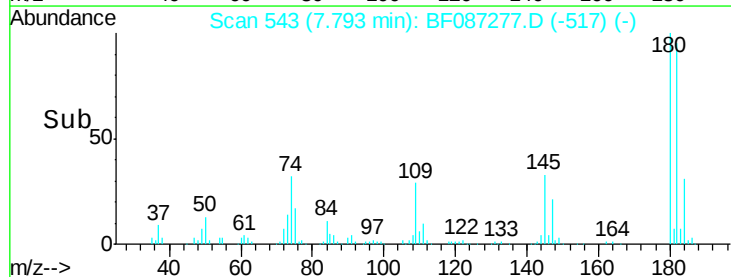
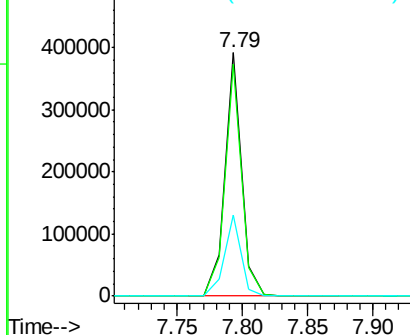


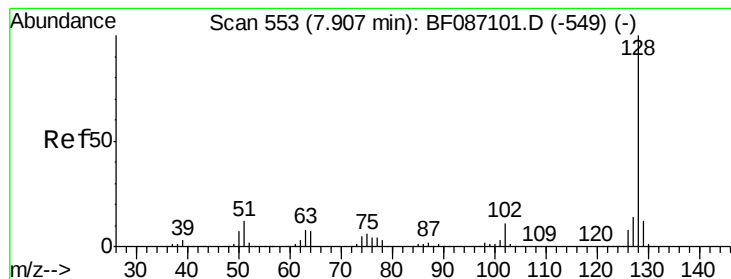
#30
 1,2,4-Trichlorobenzene
 Concen: 38.13 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

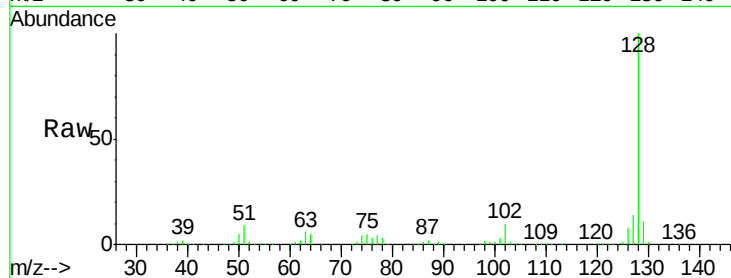
Tot Ion:128 Resp: 1180124

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

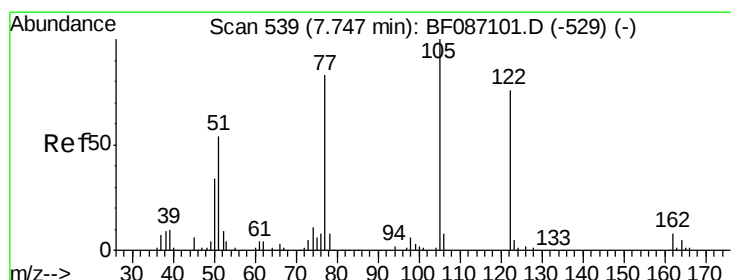
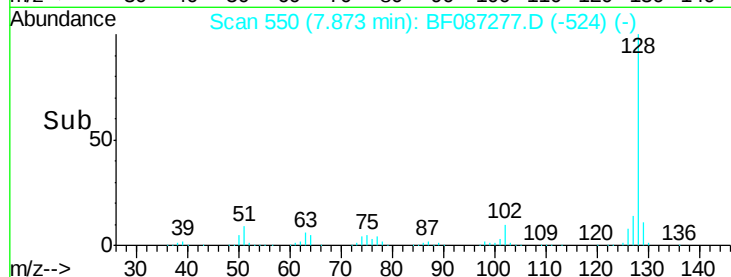
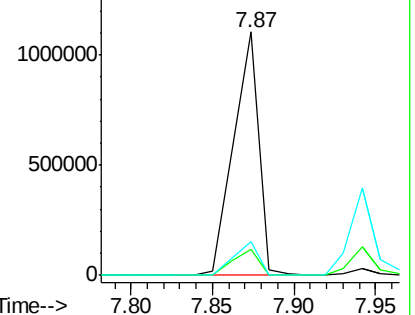
127 13.7 10.8 16.2



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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

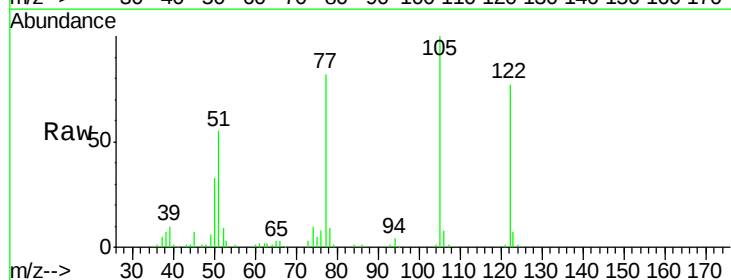
Tgt Ion:122 Resp: 206373

Ion Ratio Lower Upper

122 100

105 129.2 92.6 132.6

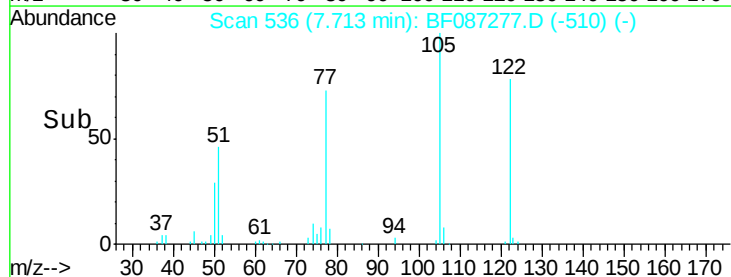
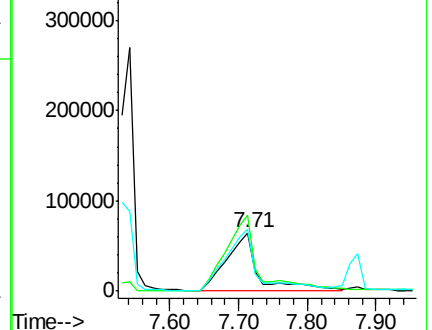
77 105.5 60.0 100.0#

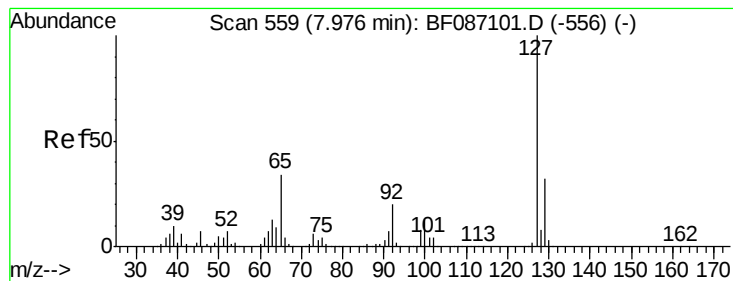


Abundance Ion 122.00 (121.70 to 122.70): E

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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:127 Resp: 433382

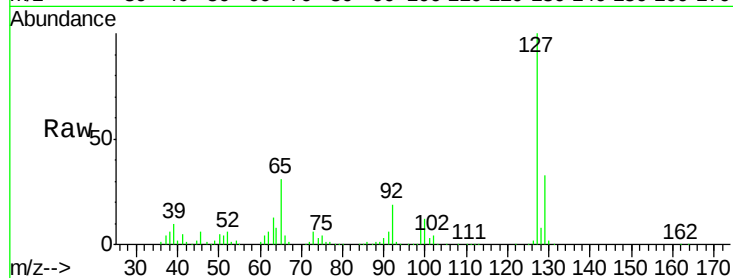
Ion Ratio Lower Upper

127 100

129 32.5 26.2 39.4

65 31.4 23.0 34.4

92 19.1 15.1 22.7

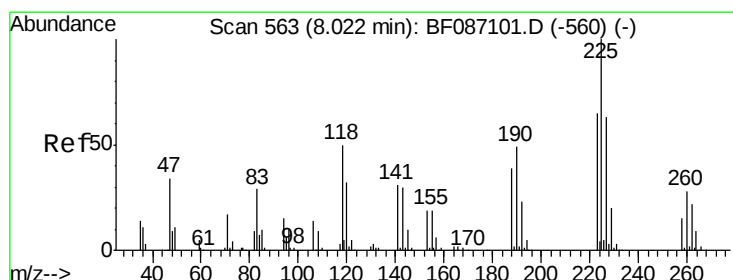
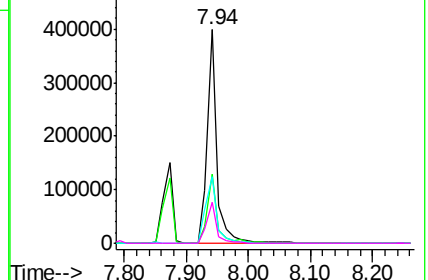
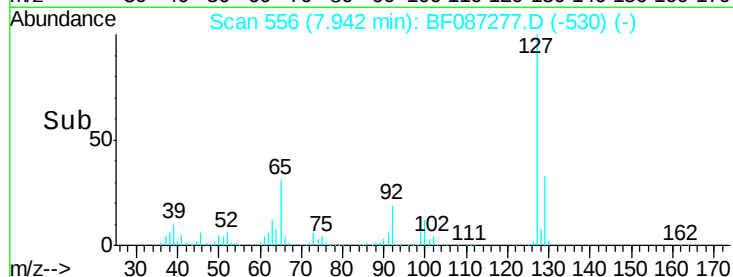


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 42.50 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

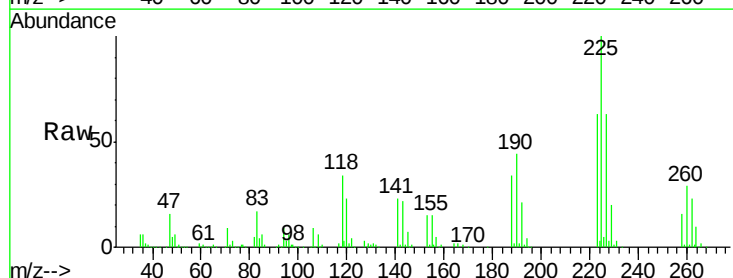
Tgt Ion:225 Resp: 221773

Ion Ratio Lower Upper

225 100

223 62.5 51.5 77.3

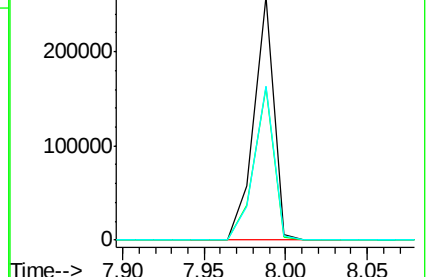
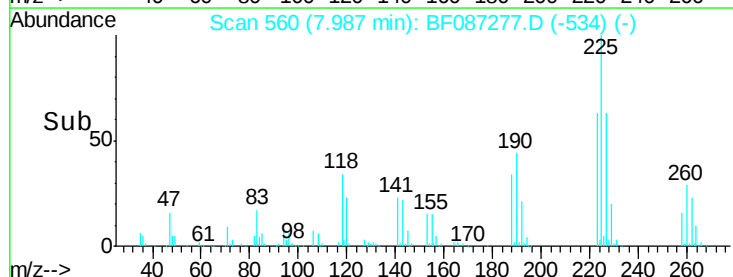
227 63.5 52.2 78.2

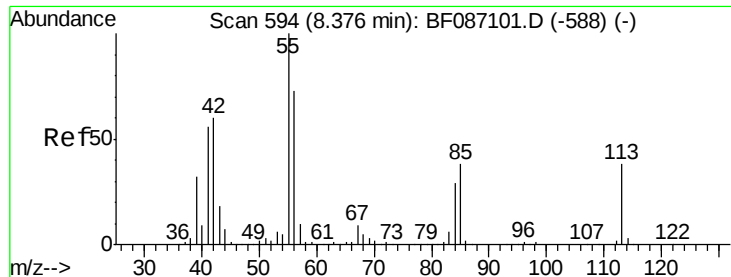


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

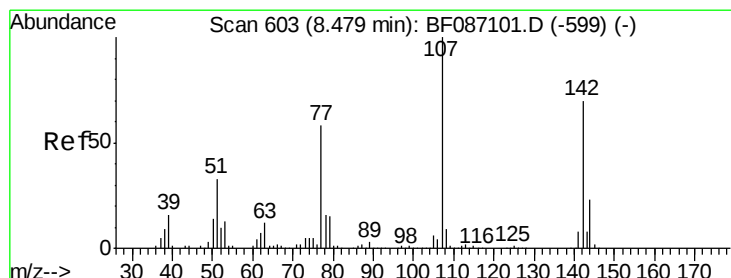
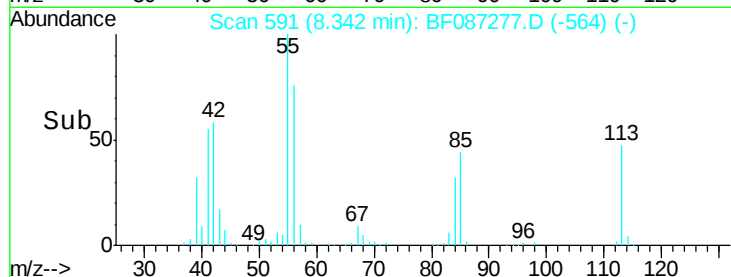
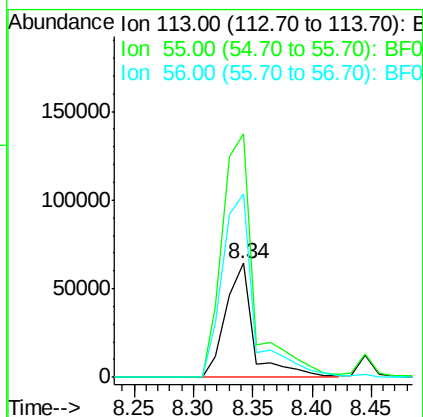
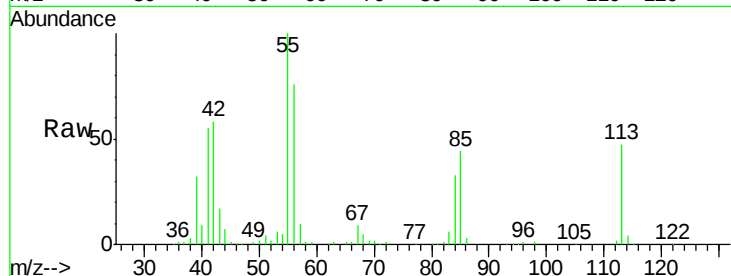




#35
 Caprolactam
 Concen: 38.33 ng
 RT: 8.34 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

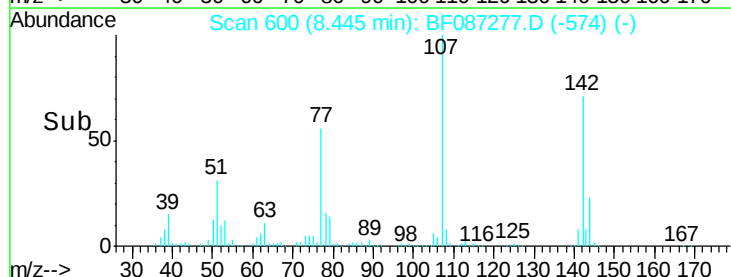
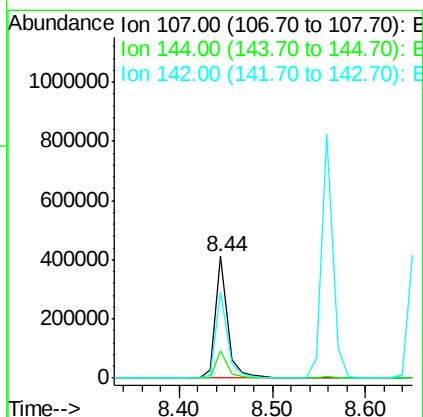
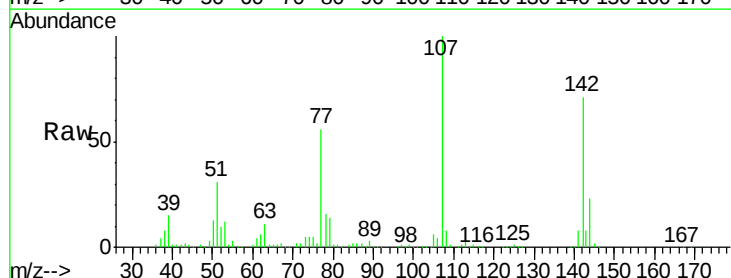
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

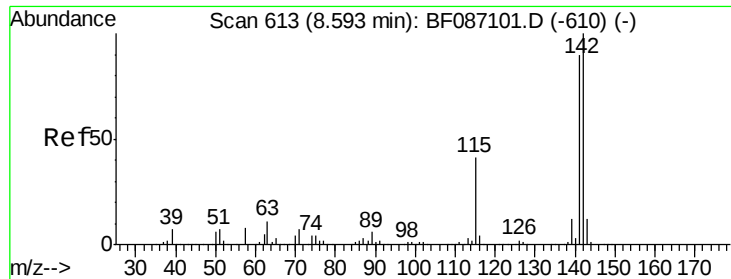
Tot Ion:113 Resp: 105757
 Ion Ratio Lower Upper
 113 100
 55 213.6 162.0 202.0#
 56 161.3 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 37.33 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.00 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

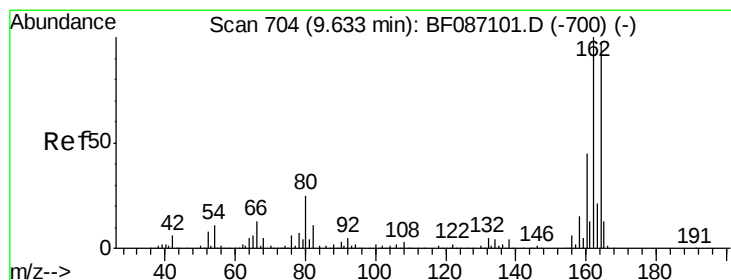
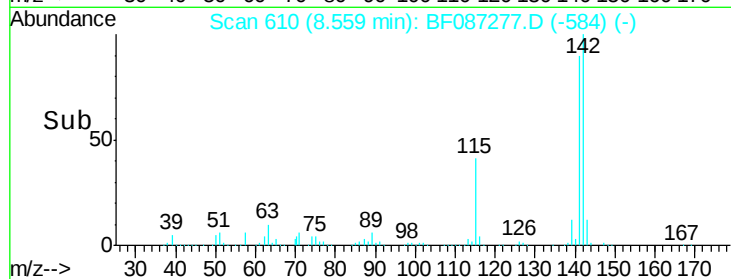
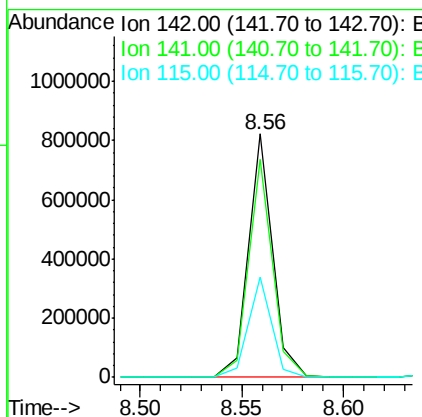
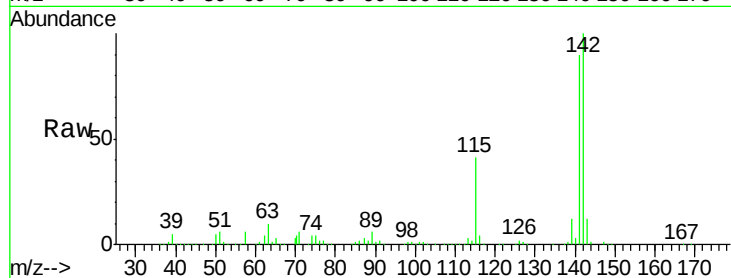




#37
 2-Methylnaphthalene
 Concen: 36.11 ng/ml
 RT: 8.56 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

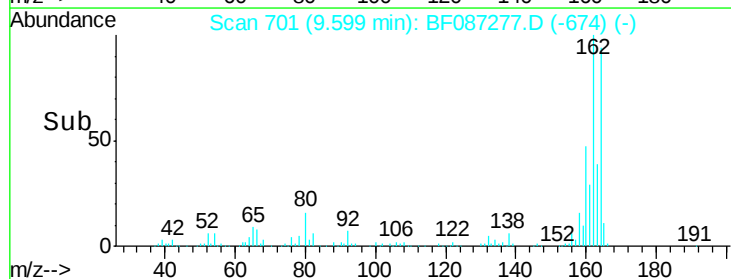
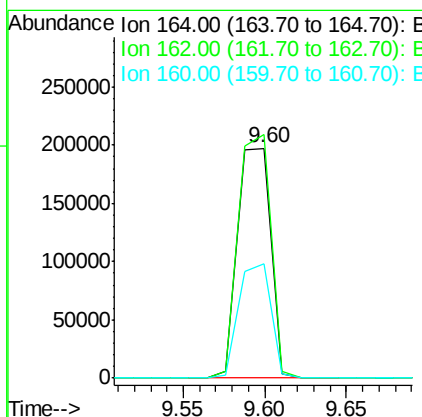
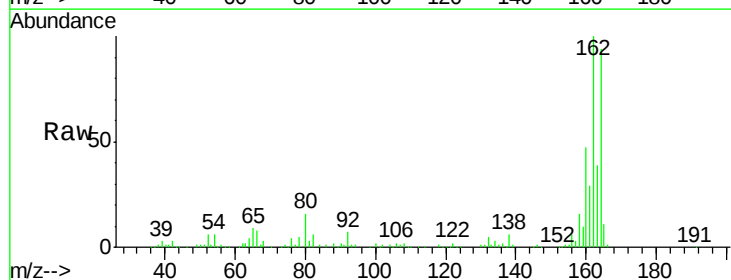
Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

Tot Ion:142 Resp: 685189
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 41.4 26.6 39.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 701
 Delta R.T. 0.01 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

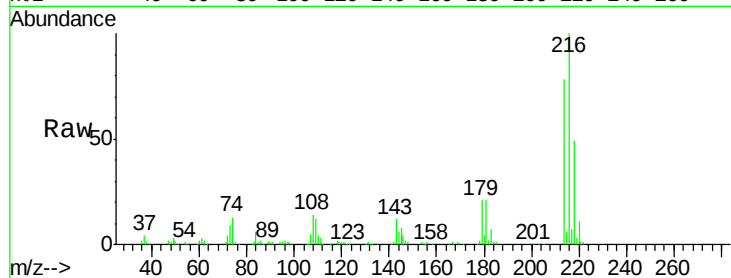




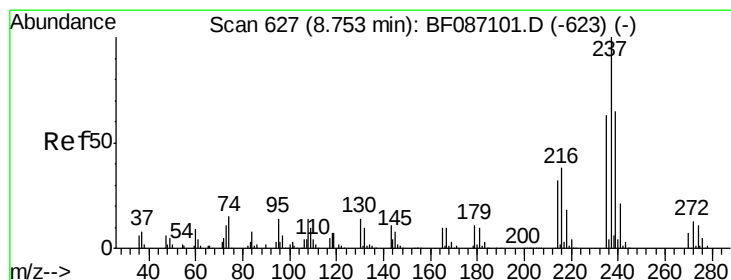
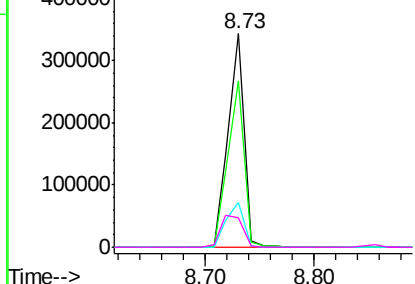
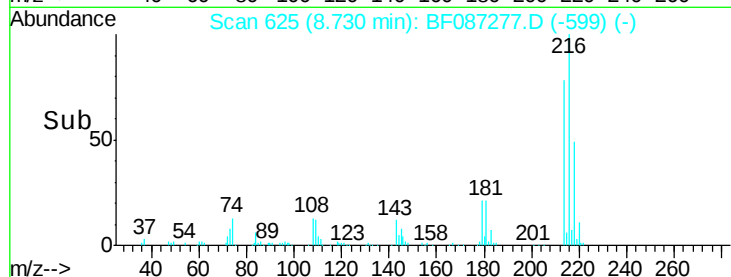
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.13 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot 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

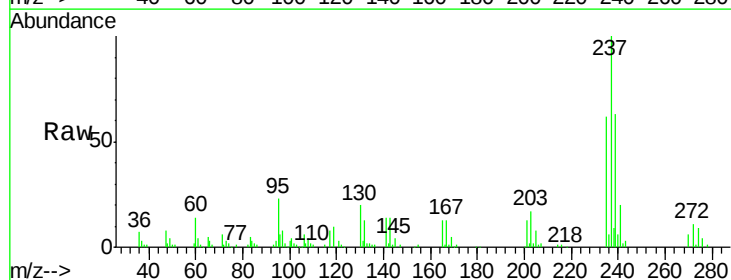


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

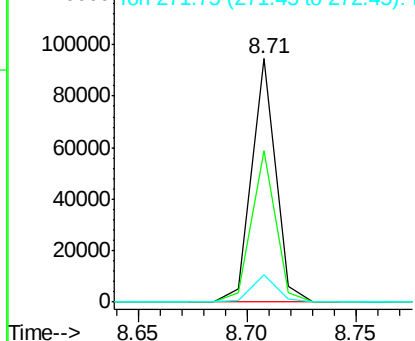
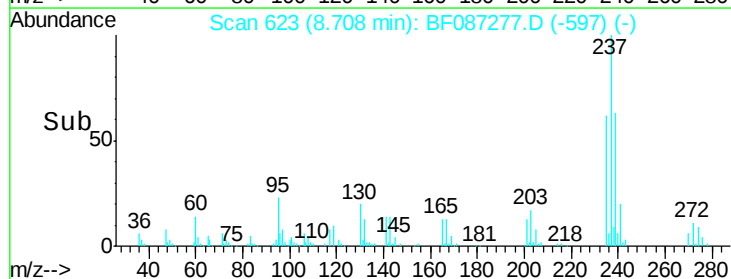


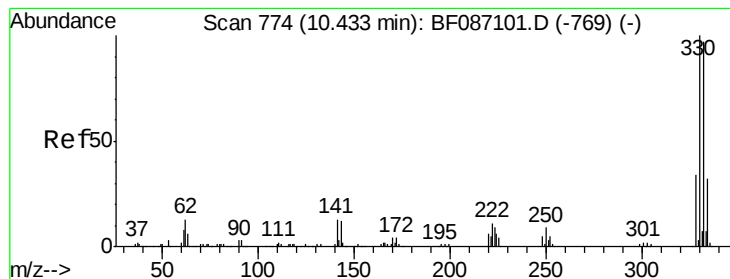
#40
 Hexachlorocyclopentadiene
 Concen: 28.88 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

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





#41

2,4,6-Tribromophenol

Concen: 66.94 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

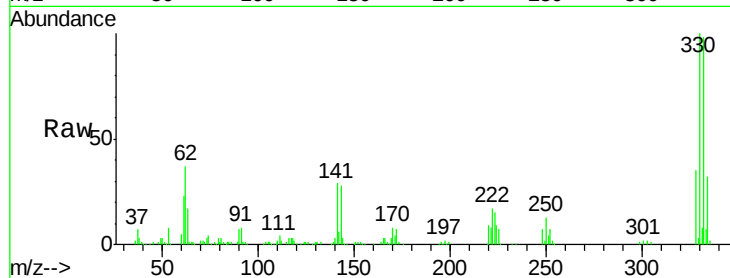
Tot Ion:330 Resp: 204135

Ion Ratio Lower Upper

330 100

332 97.3 79.0 118.4

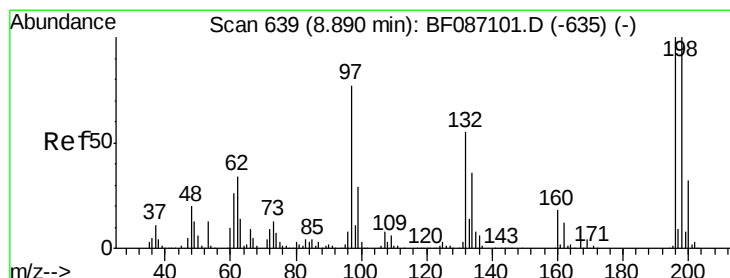
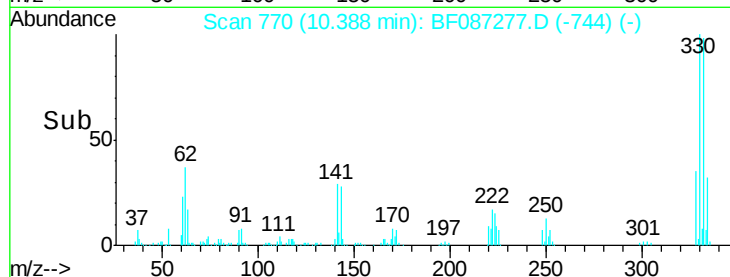
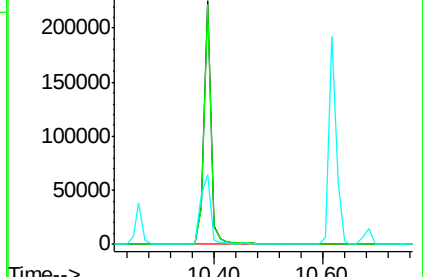
141 41.6 31.2 46.8



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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

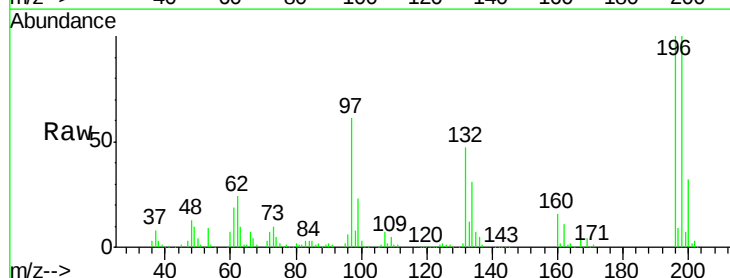
Tgt Ion:196 Resp: 206158

Ion Ratio Lower Upper

196 100

198 100.5 74.7 112.1

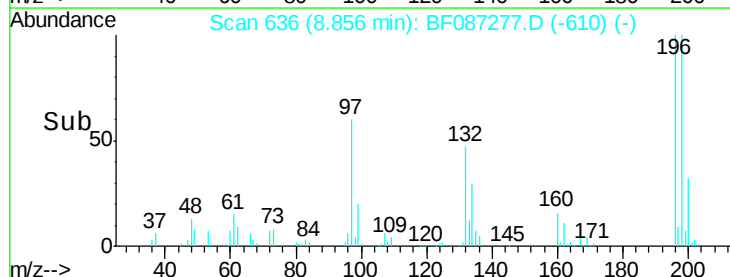
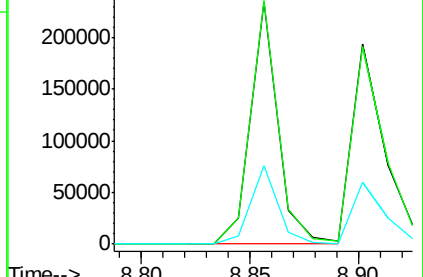
200 32.3 23.8 35.6



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

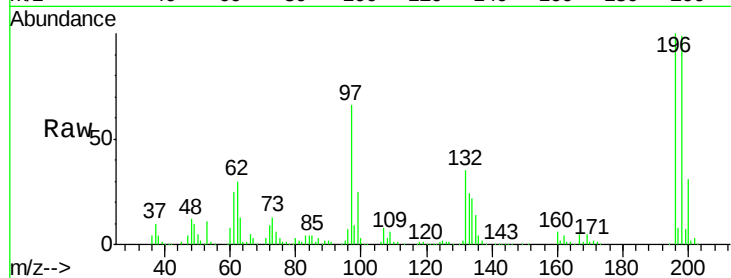




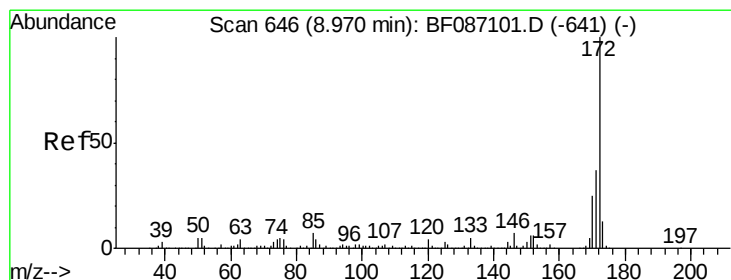
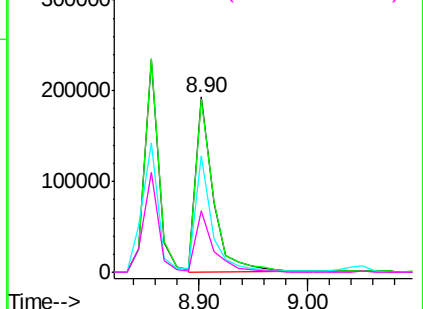
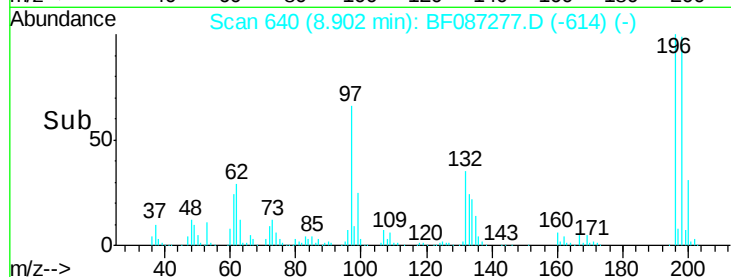
#43
 2,4,5-Trichlorophenol
 Concen: 39.67 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot 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

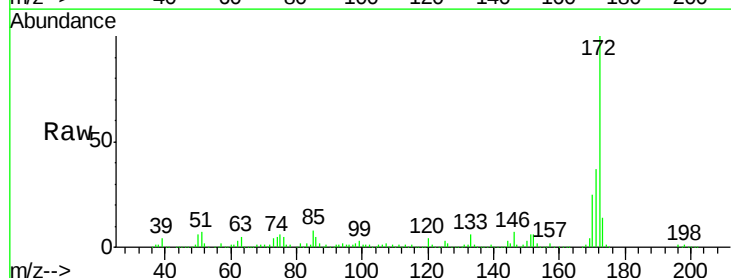


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

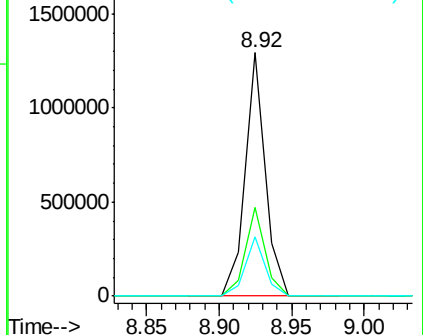
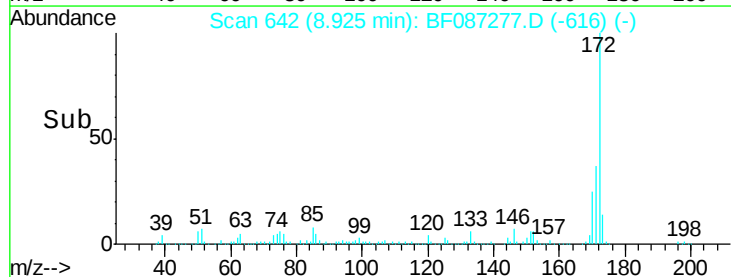


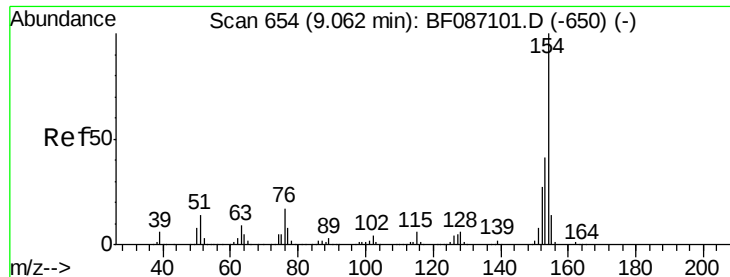
#44
 2-Fluorobiphenyl
 Concen: 74.86 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

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

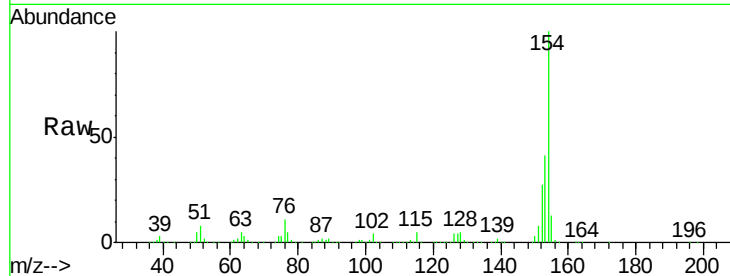




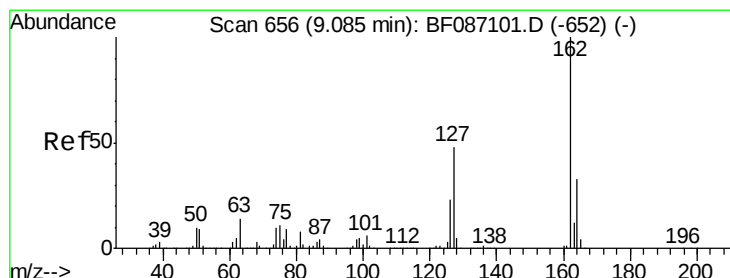
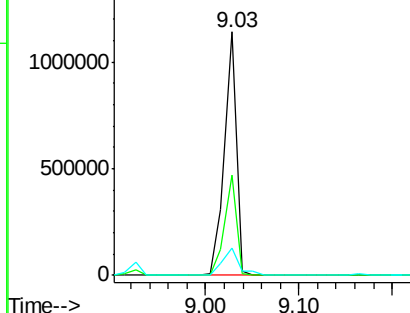
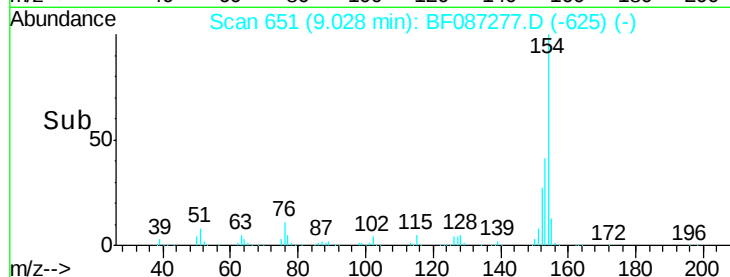
#45
 1,1'-Biphenyl
 Concen: 44.59 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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

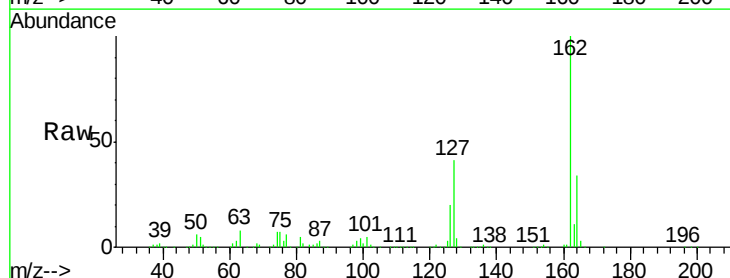


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

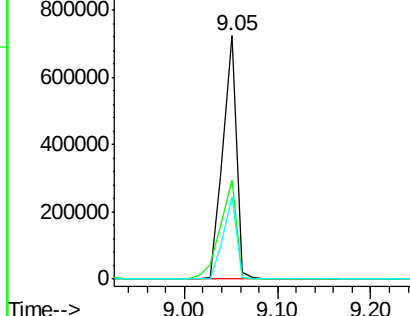
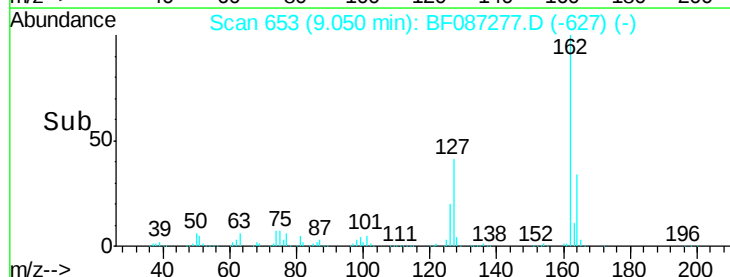


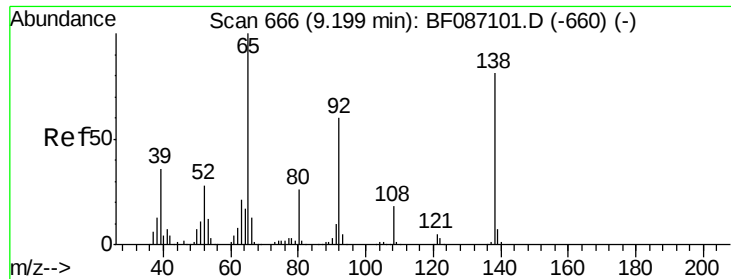
#46
 2-Chloronaphthalene
 Concen: 41.54 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

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

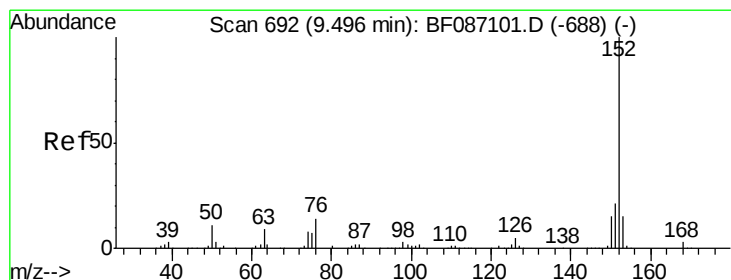
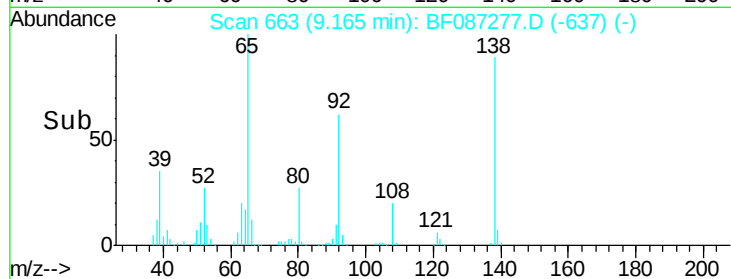
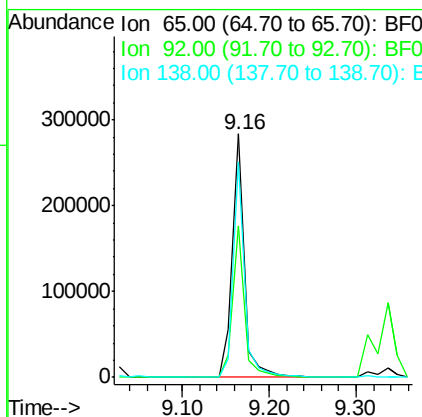
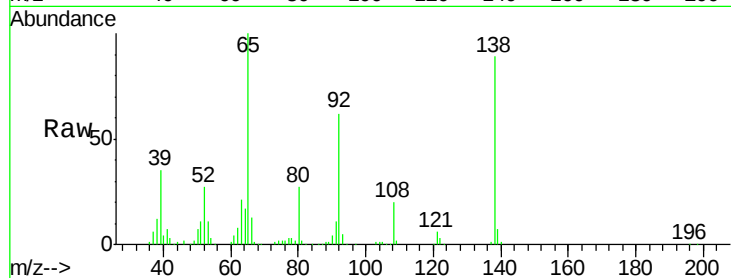




#47
2-Nitroaniline
Concen: 40.74 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

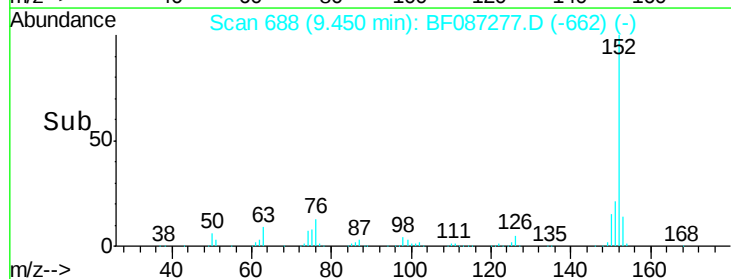
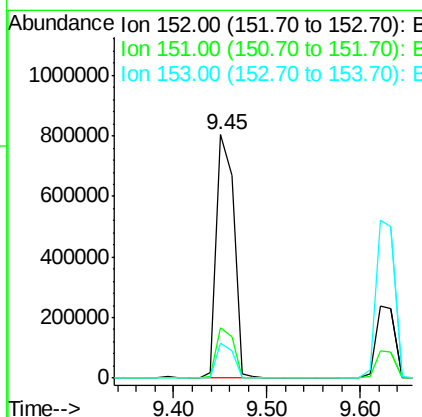
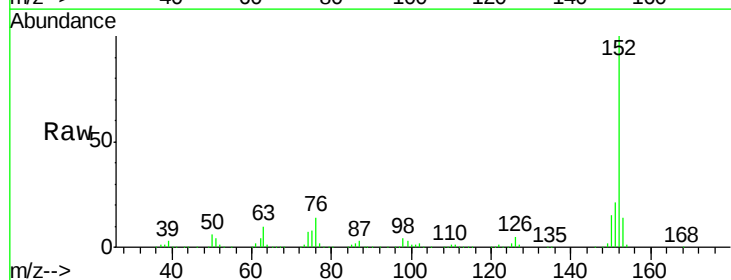
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

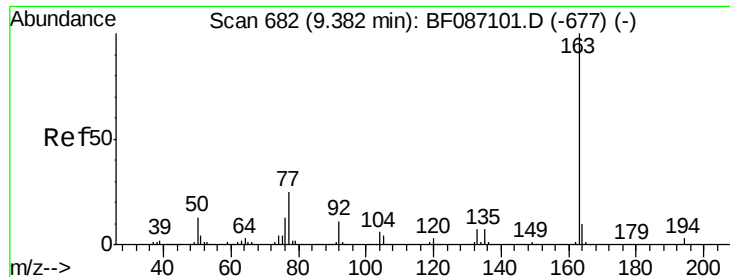
Tot Ion: 65 Resp: 274291
Ion Ratio Lower Upper
65 100
92 62.4 57.4 86.2
138 88.6 90.1 135.1#



#48
Acenaphthylene
Concen: 38.87 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.00 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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

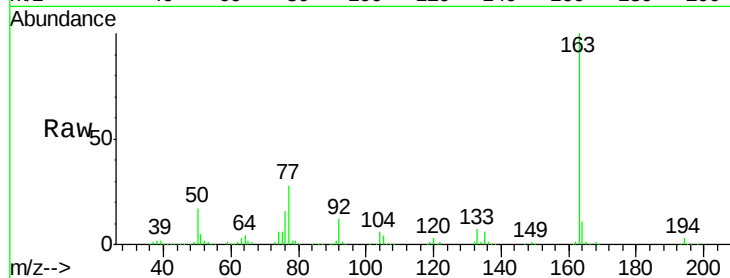
Tot Ion:163 Resp: 820166

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

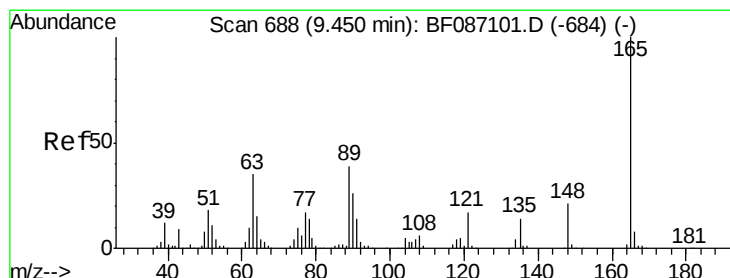
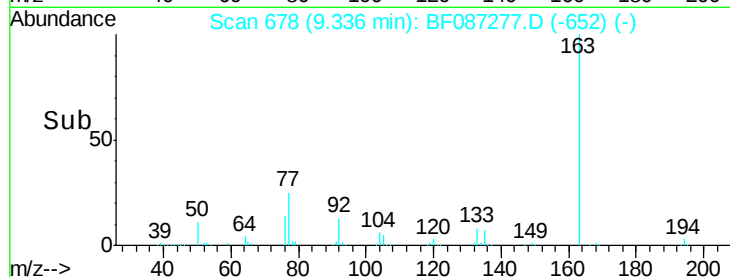
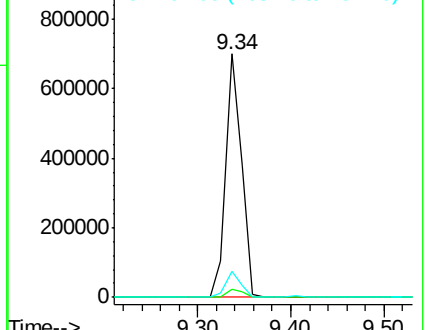
164 10.6 8.2 12.4



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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

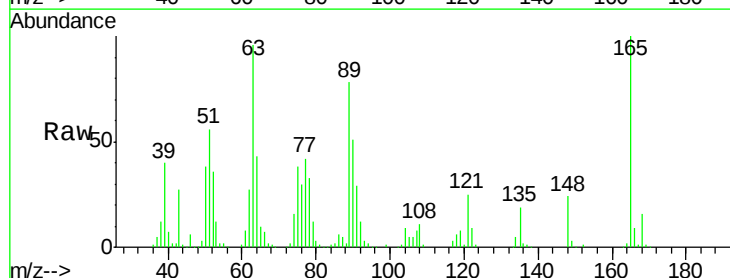
Tgt Ion:165 Resp: 164191

Ion Ratio Lower Upper

165 100

63 96.4 51.8 77.8#

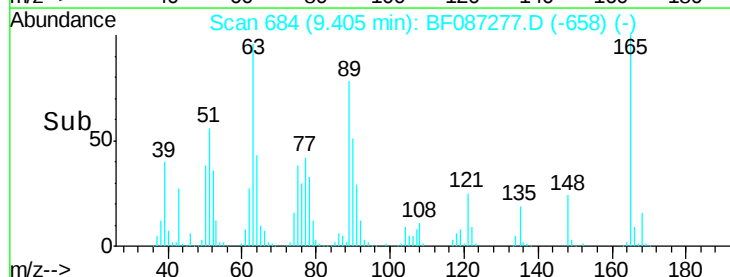
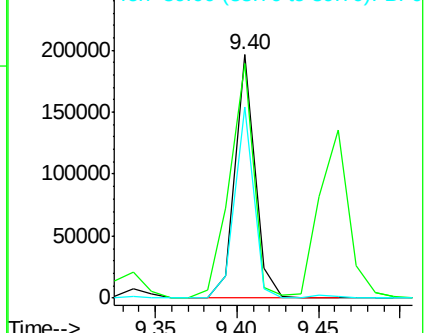
89 78.3 50.7 76.1#

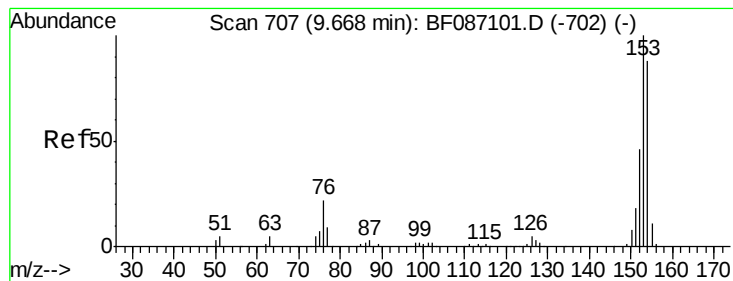


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

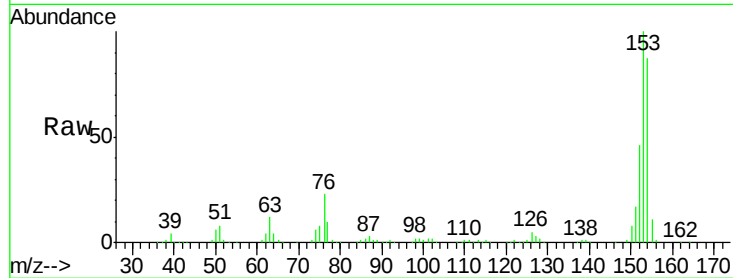
Tot Ion:154 Resp: 636260

Ion Ratio Lower Upper

154 100

153 114.8 89.8 134.6

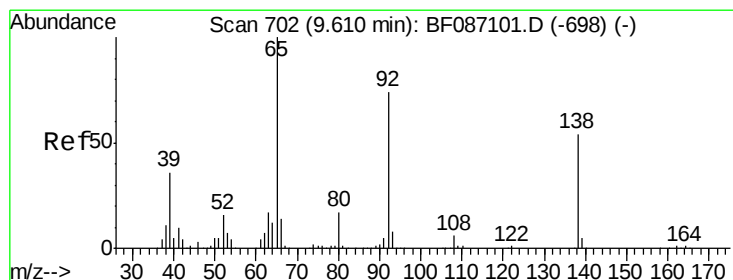
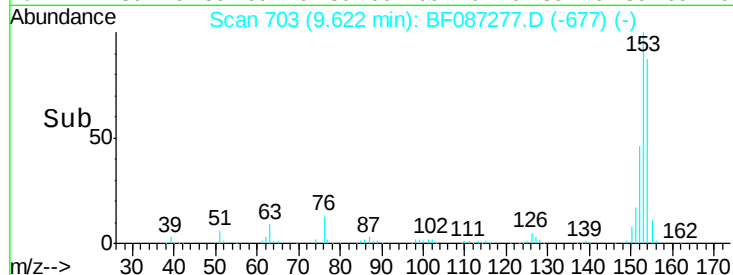
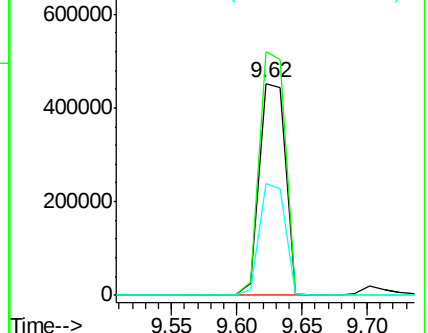
152 52.9 43.4 65.0



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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

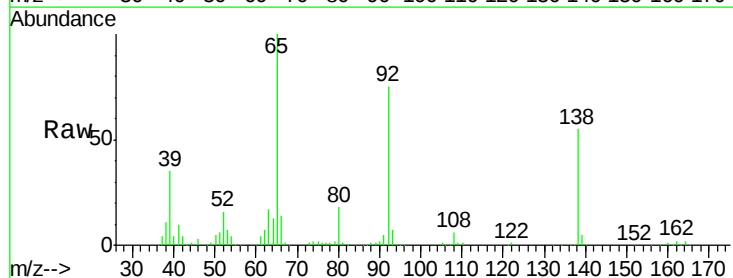
Tgt Ion:138 Resp: 169326

Ion Ratio Lower Upper

138 100

108 11.4 7.8 11.6

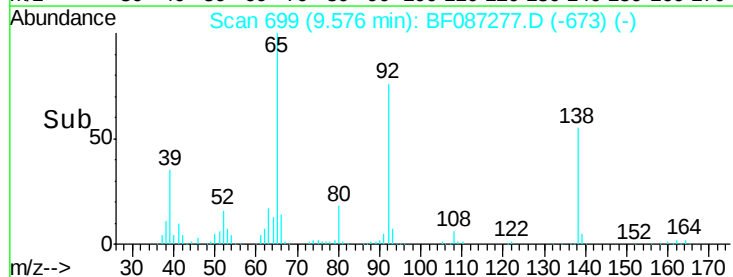
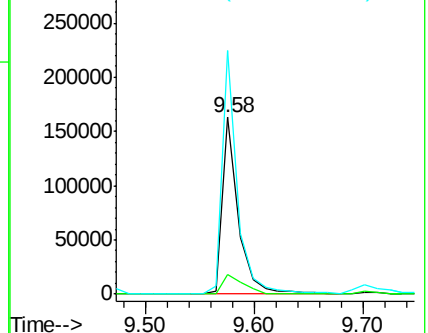
92 137.6 87.8 131.8#

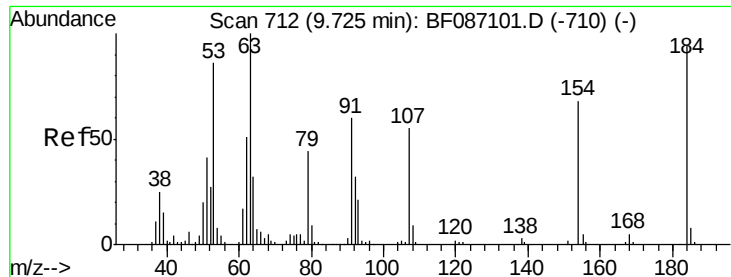


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

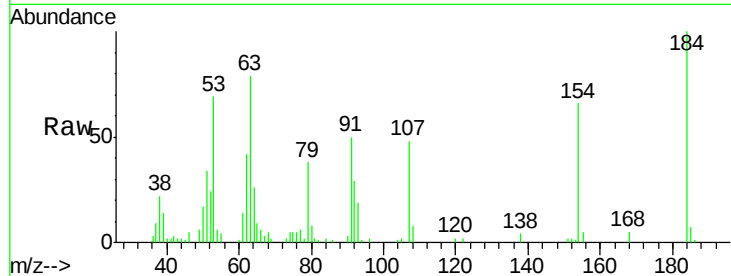




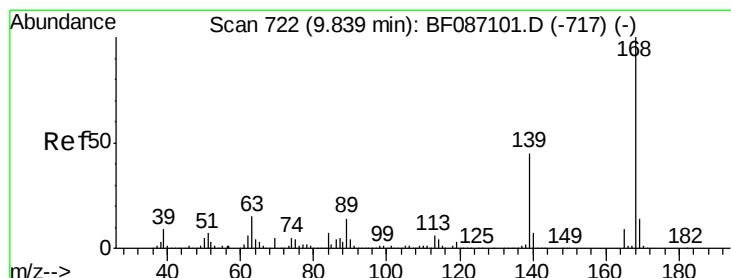
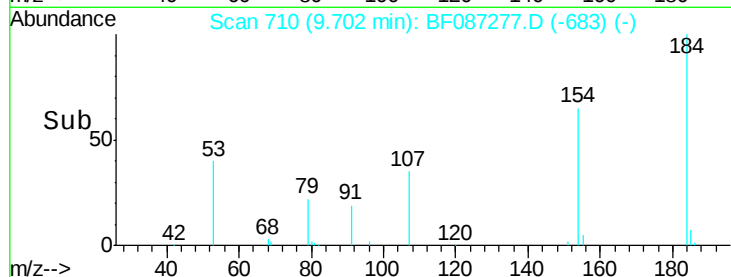
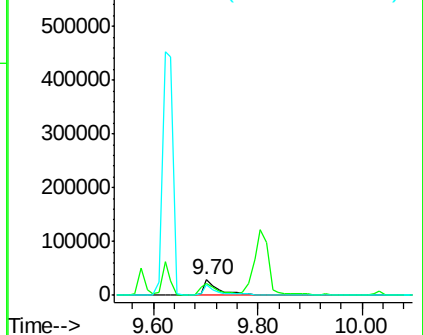
#53
2,4-Dinitrophenol
Concen: 27.82 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.01 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:184 Resp: 64275
Ion Ratio Lower Upper
184 100
63 79.3 55.8 83.8
154 66.2 62.4 93.6

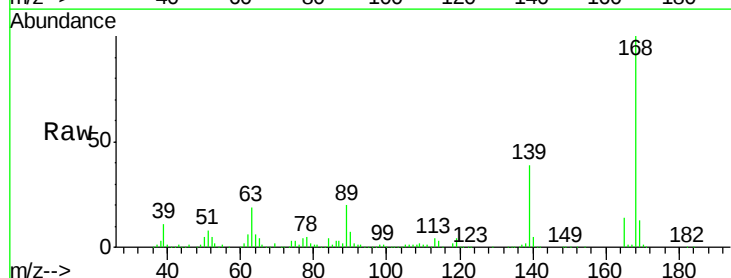


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

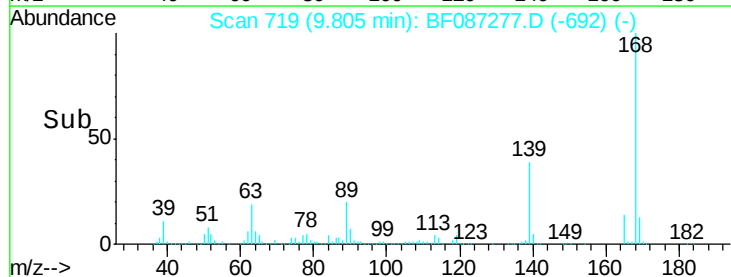
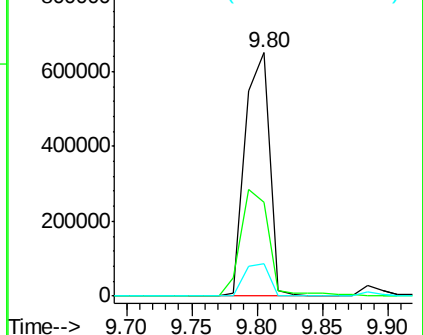


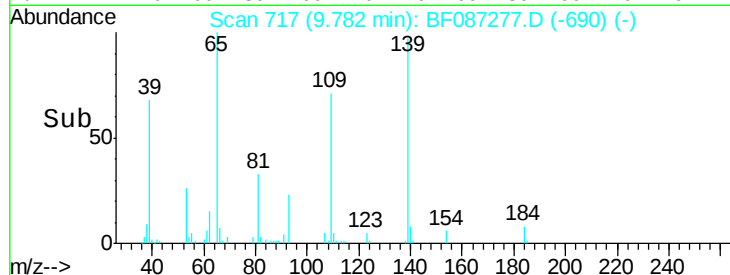
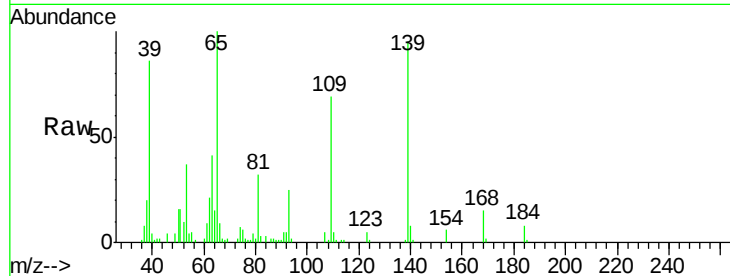
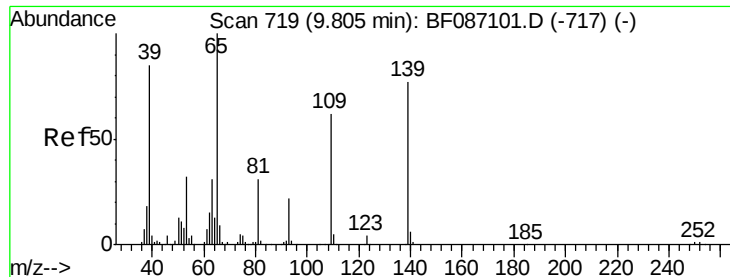
#54
Dibenzofuran
Concen: 38.93 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

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

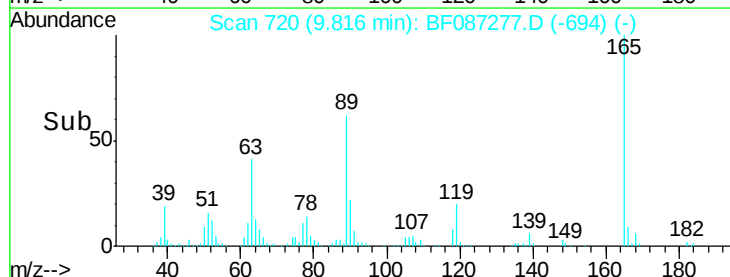
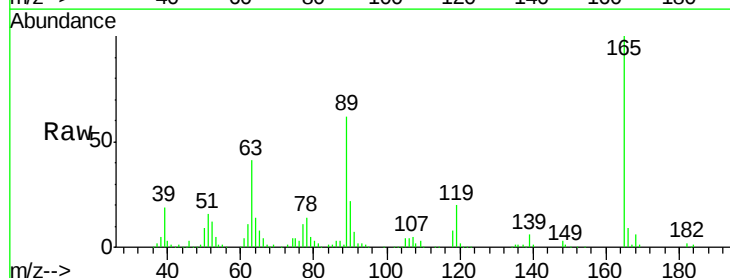
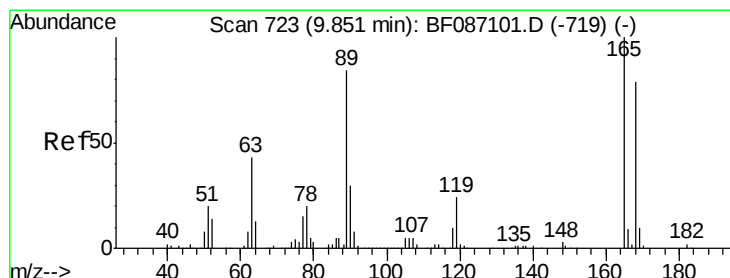
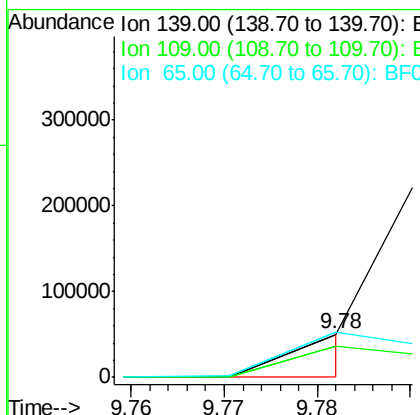




#55
4-Nitrophenol
Concen: 19.71 ng/mL
RT: 9.78 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

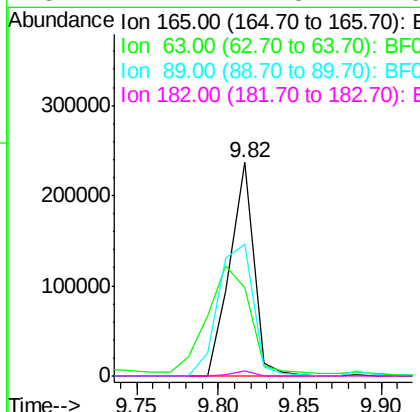
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

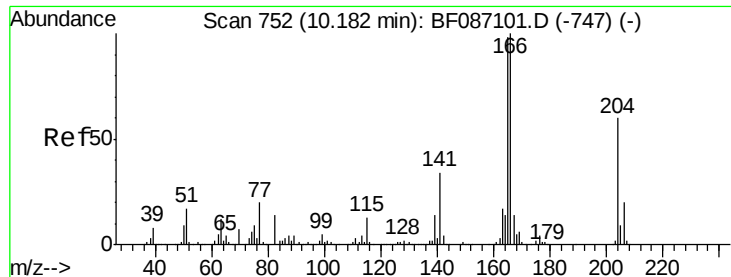
Tot Ion:139 Resp: 34487
Ion Ratio Lower Upper
139 100
109 72.9 36.9 76.9
65 105.5 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 41.14 ng/mL
RT: 9.82 min Scan# 720
Delta R.T. -0.00 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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

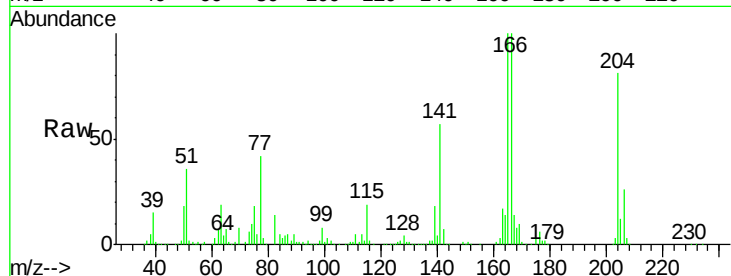
Tot Ion:166 Resp: 654900

Ion Ratio Lower Upper

166 100

165 99.9 79.0 118.6

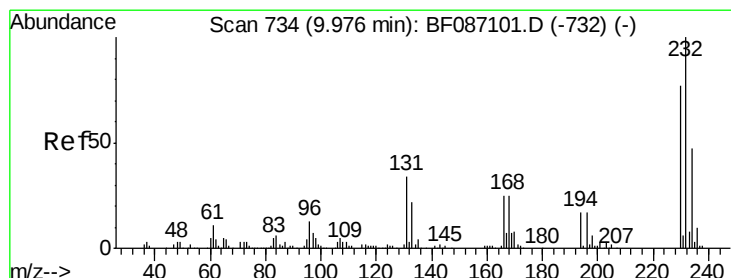
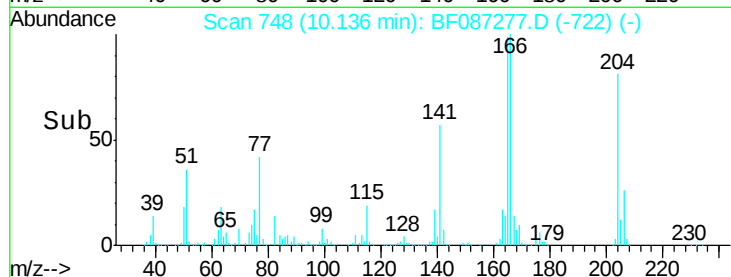
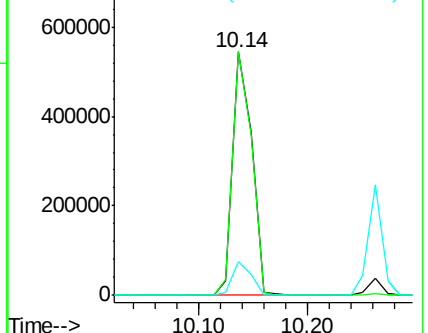
167 14.0 10.6 15.8



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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Tgt Ion:232 Resp: 156757

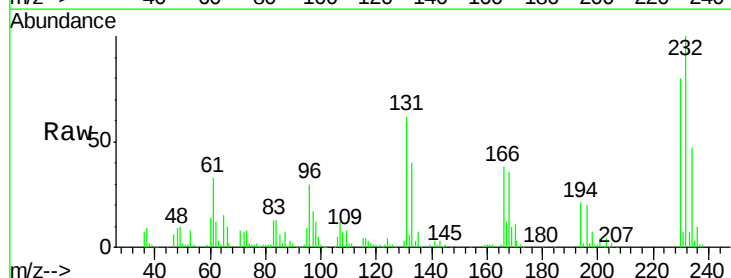
Ion Ratio Lower Upper

232 100

131 54.3 41.9 62.9

130 2.7 2.2 3.4

166 30.3 26.8 40.2

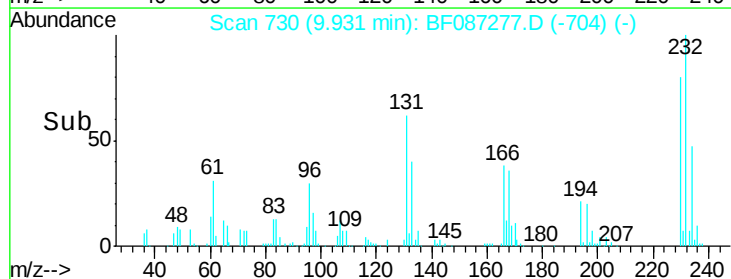
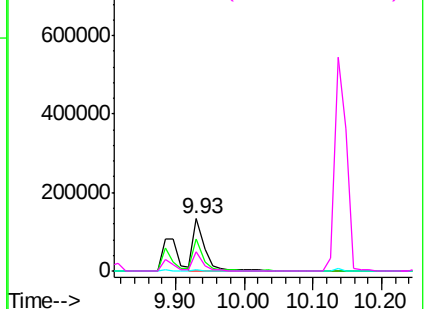


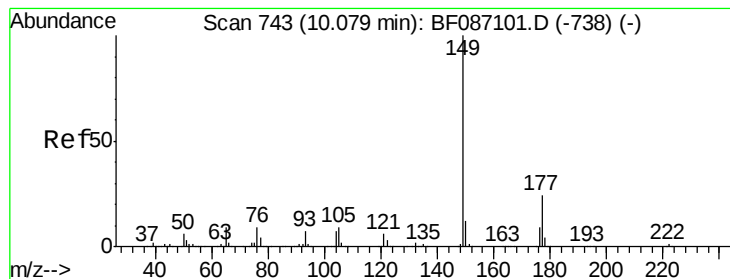
Abundance Ion 232.00 (231.70 to 232.70): E

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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

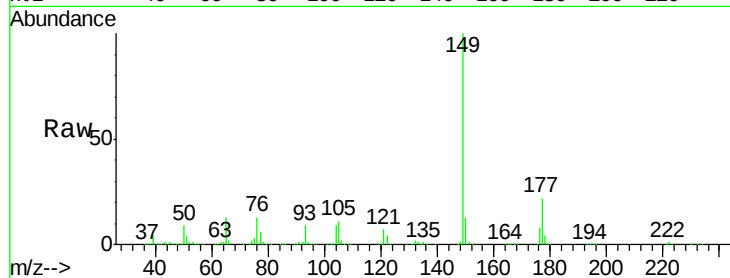
Tot Ion:149 Resp: 820419

Ion Ratio Lower Upper

149 100

177 21.6 16.6 24.8

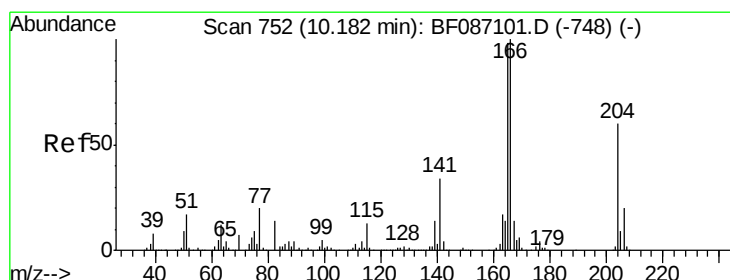
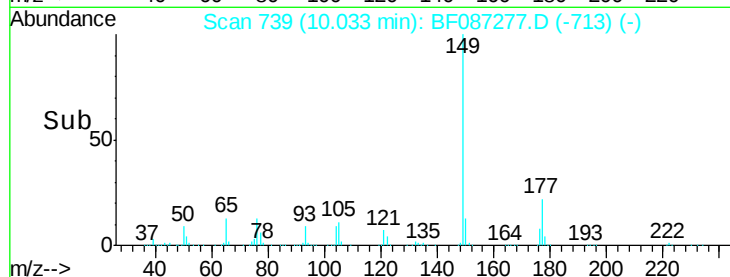
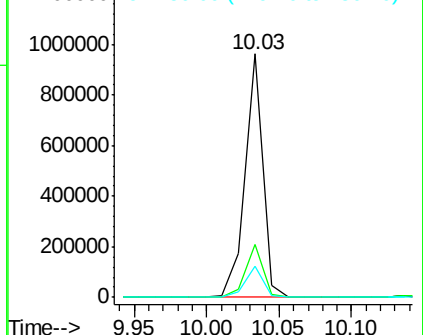
150 13.0 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.44 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

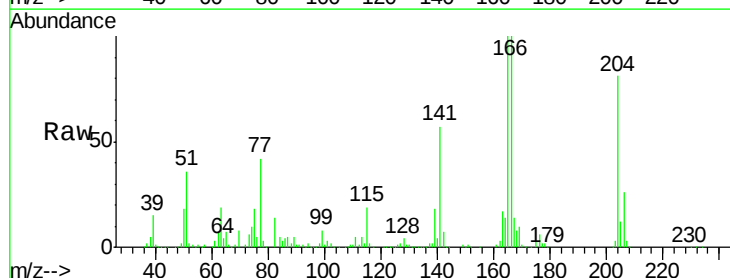
Tgt Ion:204 Resp: 350242

Ion Ratio Lower Upper

204 100

206 32.6 25.4 38.0

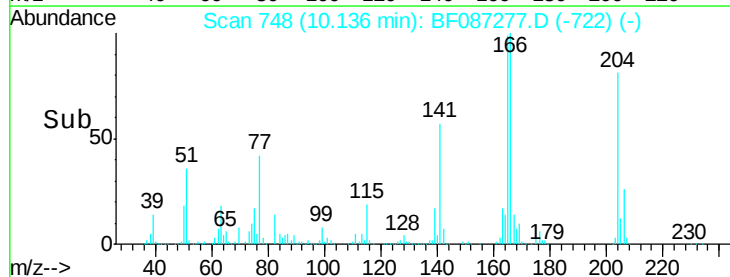
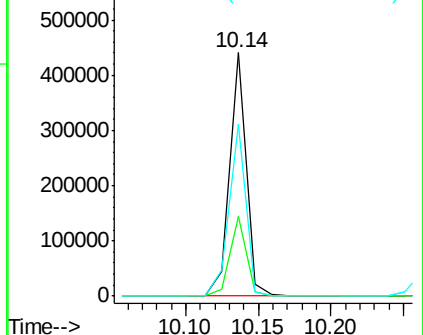
141 70.4 61.6 92.4

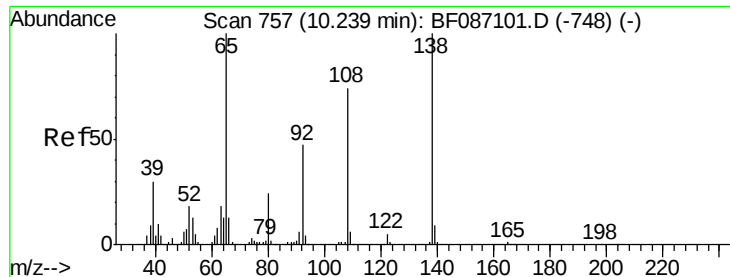


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.97 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

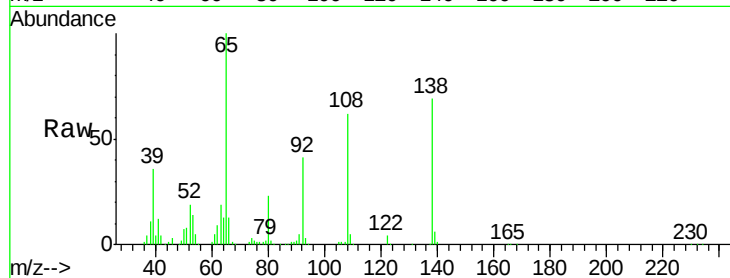
Tot Ion:138 Resp: 161109

Ion Ratio Lower Upper

138 100

92 59.7 24.7 64.7

108 90.3 37.4 77.4#



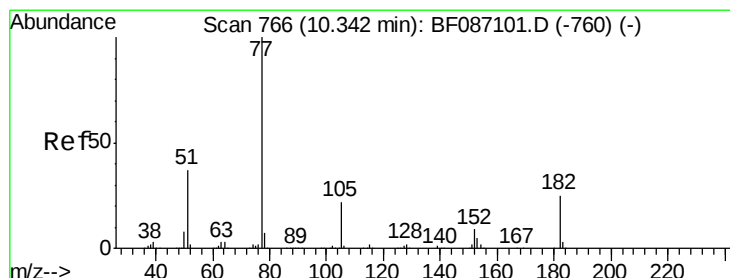
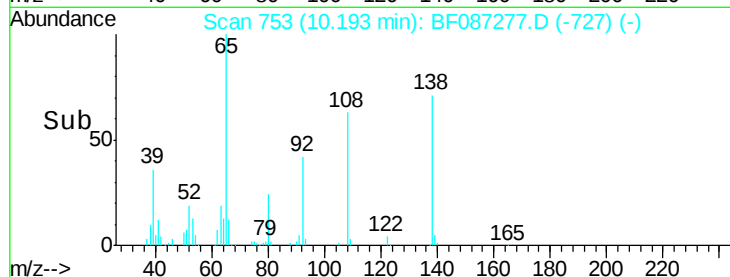
Abundance Ion 138.00 (137.70 to 138.70): E

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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Tgt Ion: 77 Resp: 961315

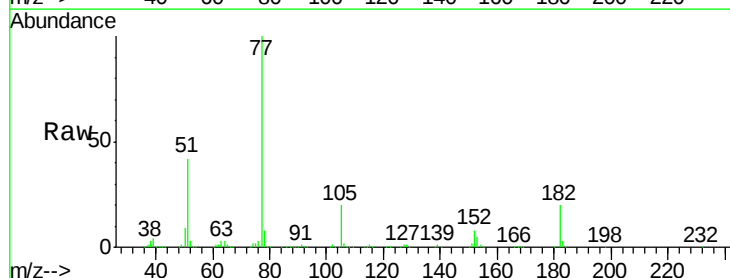
Ion Ratio Lower Upper

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

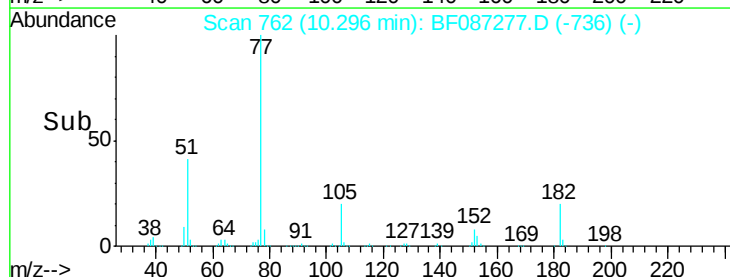
Ion 182.00 (181.70 to 182.70): E

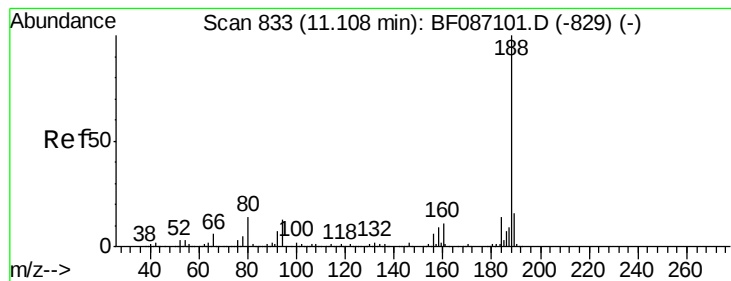
Ion 105.00 (104.70 to 105.70): E

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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

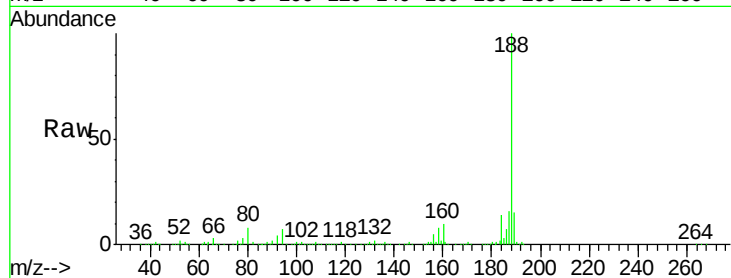
Tot Ion:188 Resp: 509292

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

600000

500000

400000

300000

200000

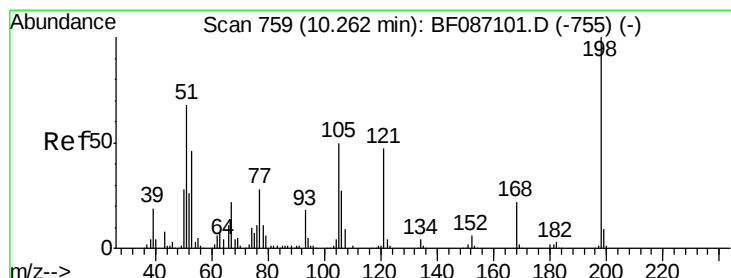
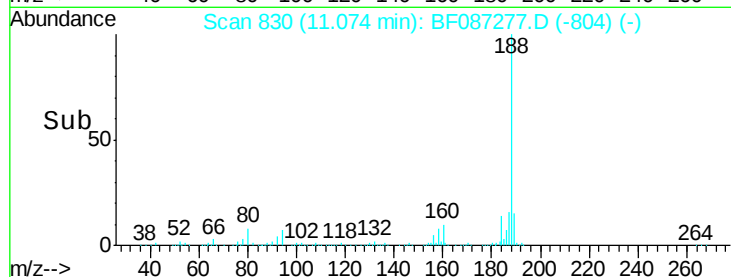
100000

0

11.00 11.05 11.10

11.07

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 31.75 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

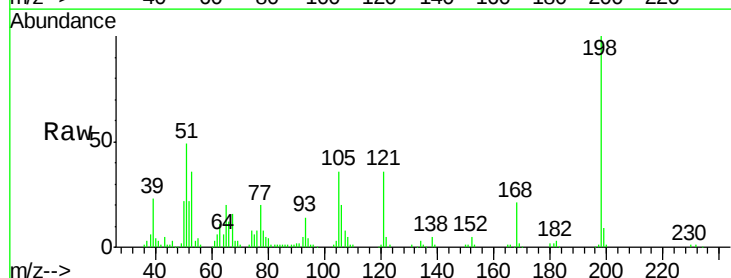
Tgt Ion:198 Resp: 106491

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

500000

400000

300000

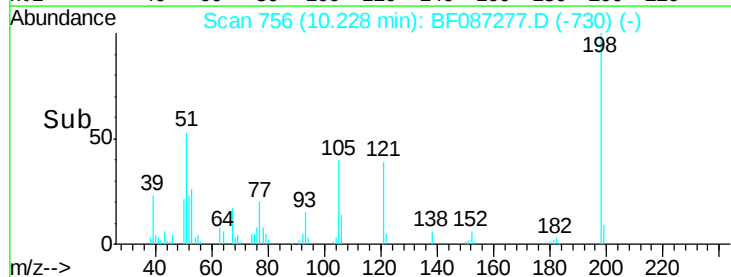
200000

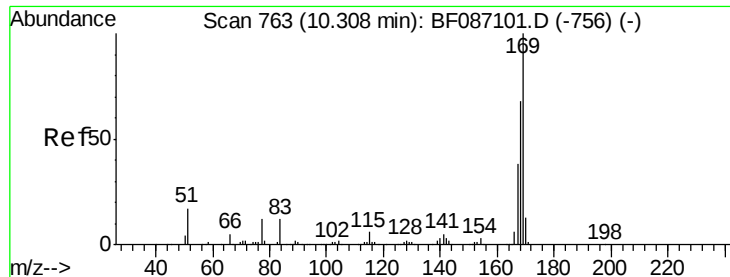
100000

0

10.20 10.23 10.30 10.40

Time-->





#65

n-Nitrosodiphenylamine

Concen: 36.89 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

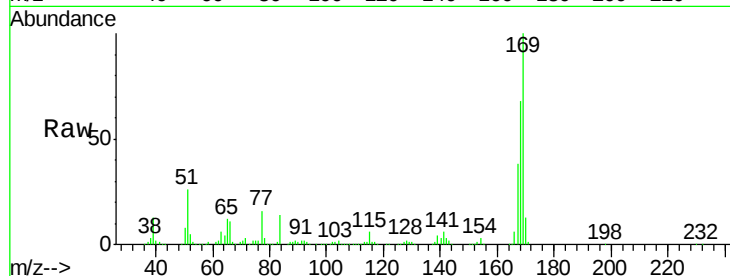
Tot Ion:169 Resp: 591206

Ion Ratio Lower Upper

169 100

168 67.6 53.8 80.6

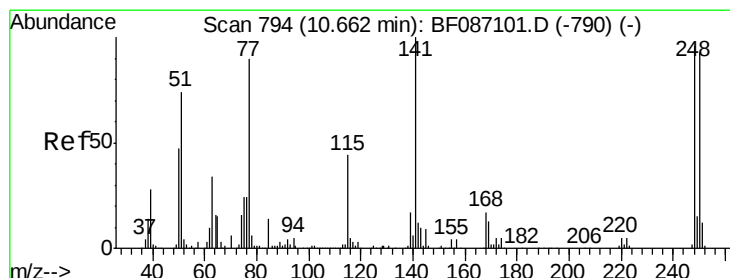
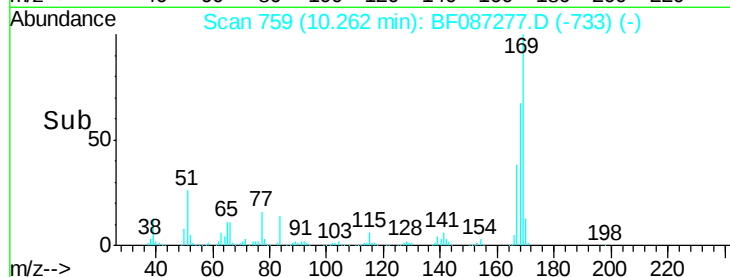
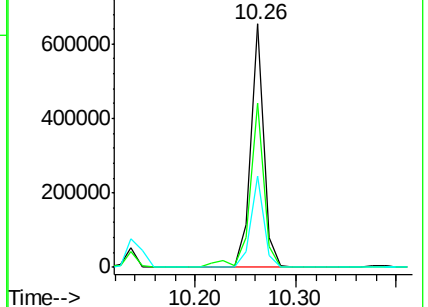
167 37.7 29.5 44.3



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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

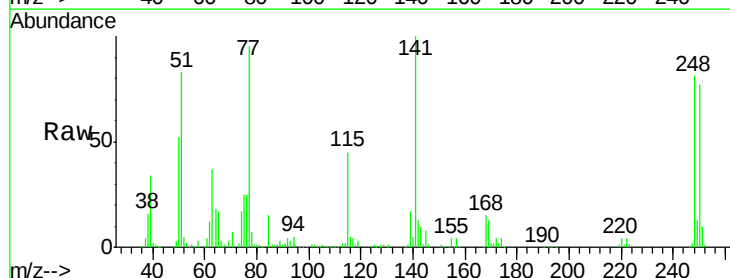
Tgt Ion:248 Resp: 204553

Ion Ratio Lower Upper

248 100

250 95.9 78.6 117.8

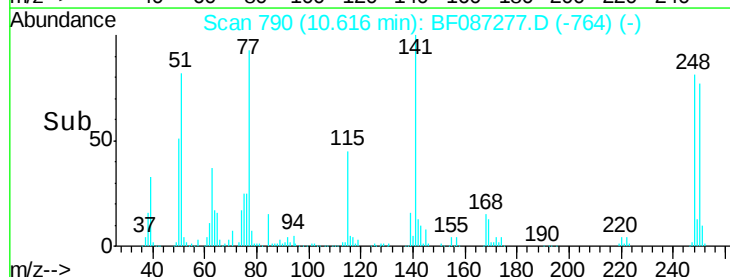
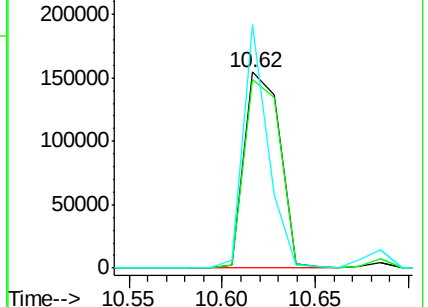
141 124.1 76.0 114.0#

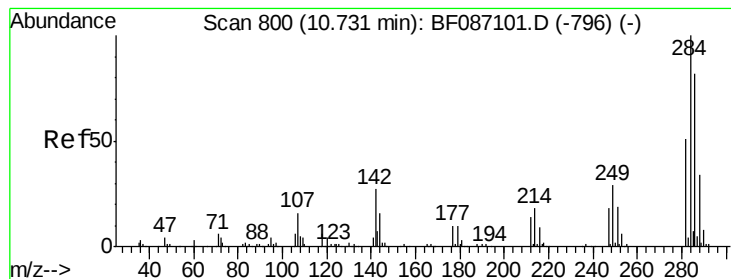


Abundance Ion 248.00 (247.70 to 248.70): E

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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

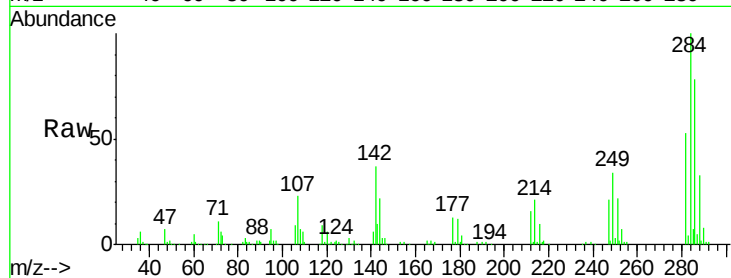
Tot Ion:284 Resp: 222839

Ion Ratio Lower Upper

284 100

142 37.4 16.7 25.1#

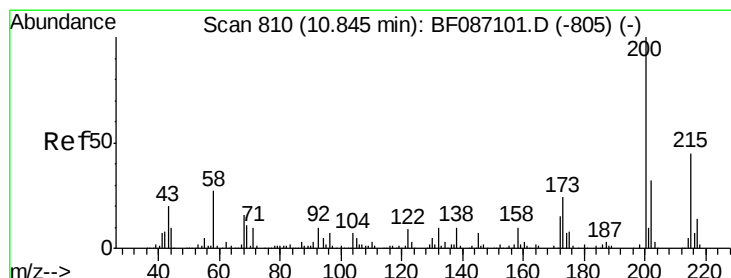
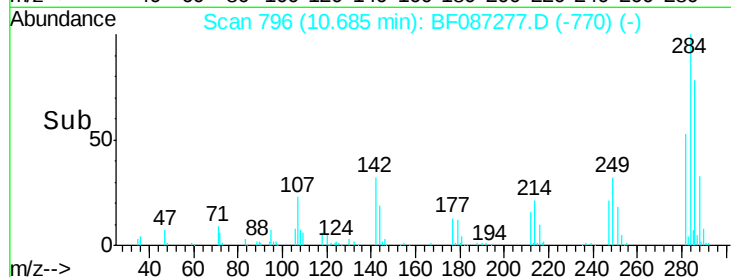
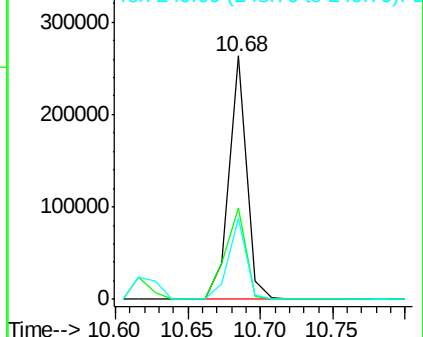
249 33.6 21.3 31.9#



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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

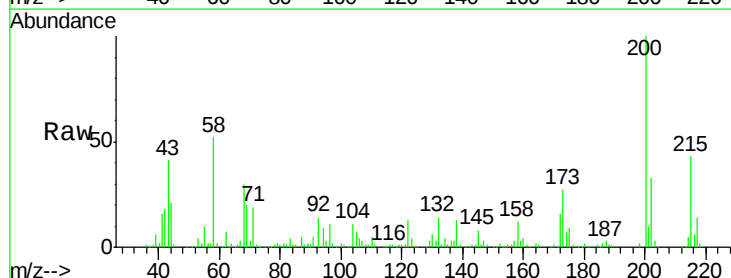
Tgt Ion:200 Resp: 200091

Ion Ratio Lower Upper

200 100

173 27.1 8.5 48.5

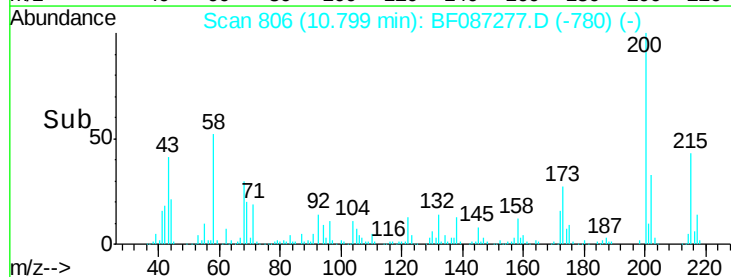
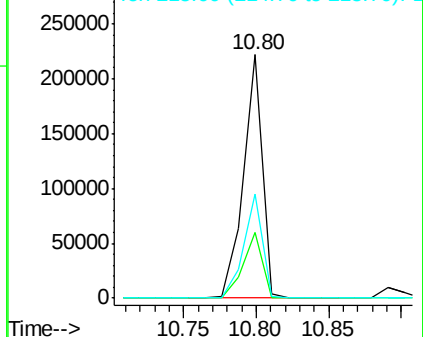
215 42.8 27.2 67.2

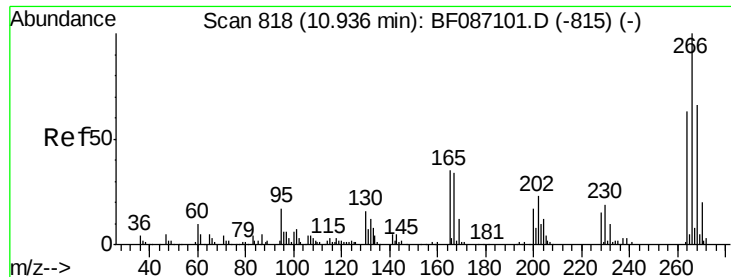


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

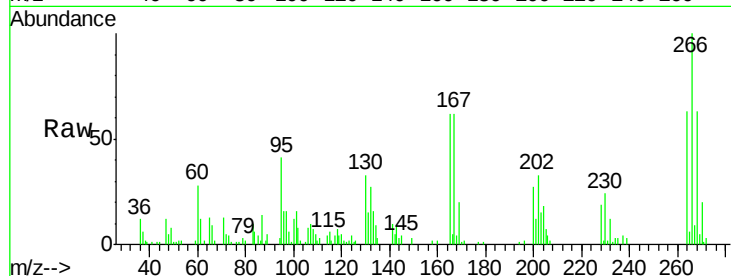




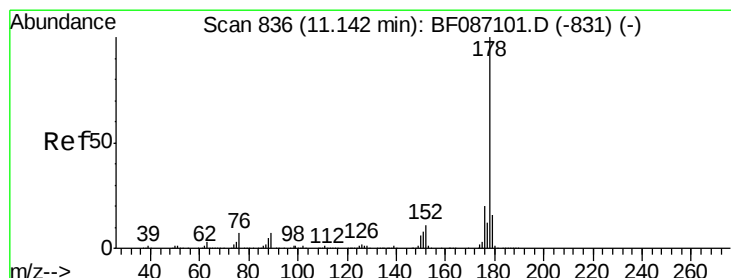
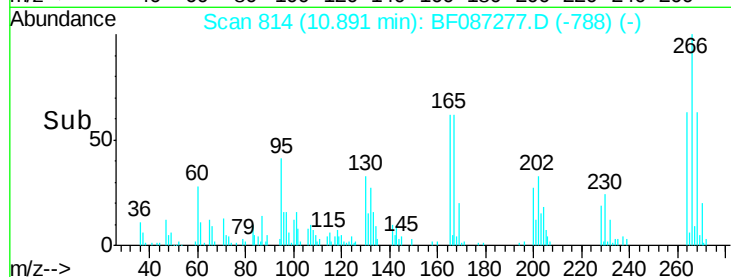
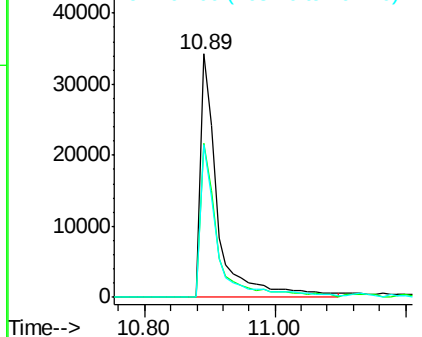
#69
 Pentachlorophenol
 Concen: 27.64 ng
 RT: 10.89 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:266 Resp: 63037
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.5 77.3
 264 62.5 52.9 79.3

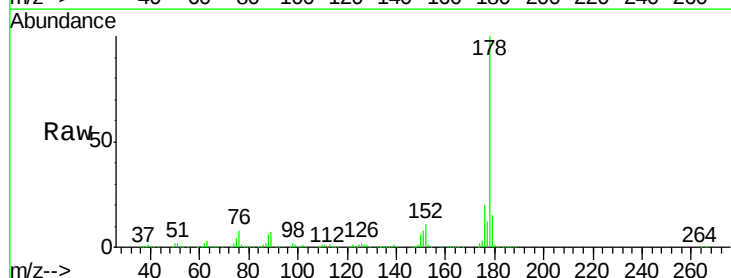


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

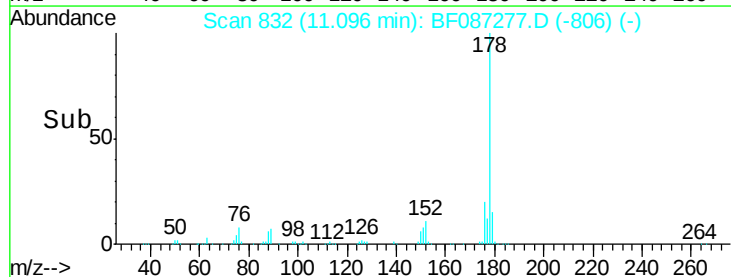
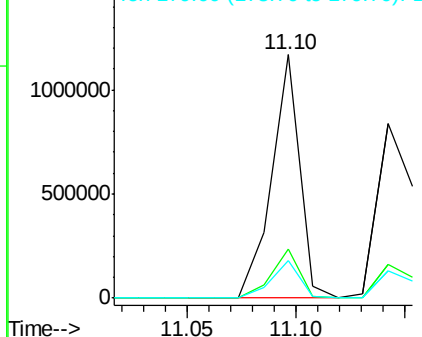


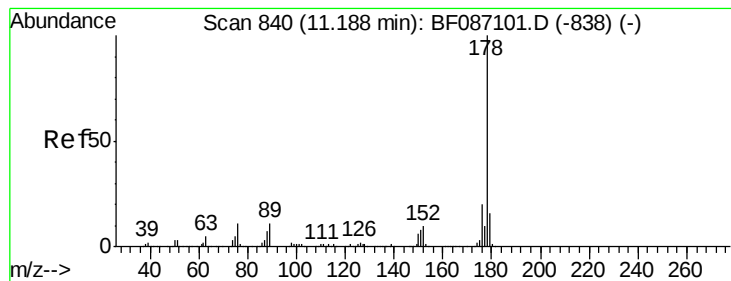
#70
 Phenanthrene
 Concen: 38.44 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

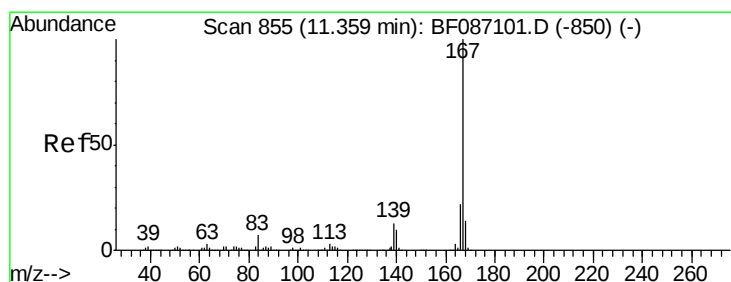
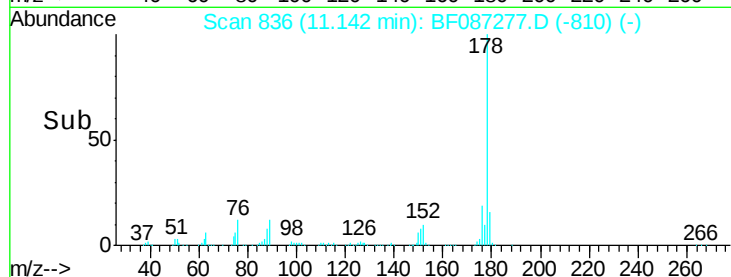
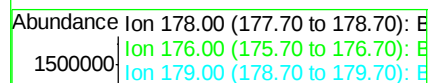
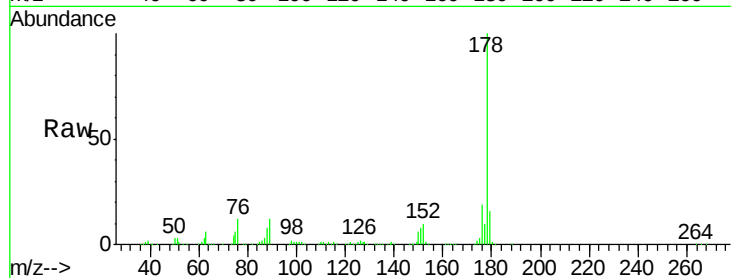
Tot Ion:178 Resp: 991262

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

179 15.8 12.7 19.1



#72

Carbazole

Concen: 35.17 ng

RT: 11.31 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

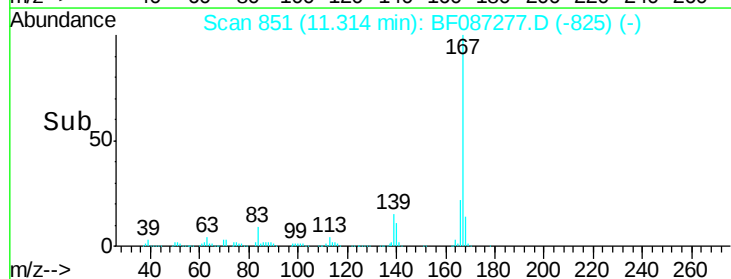
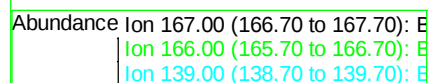
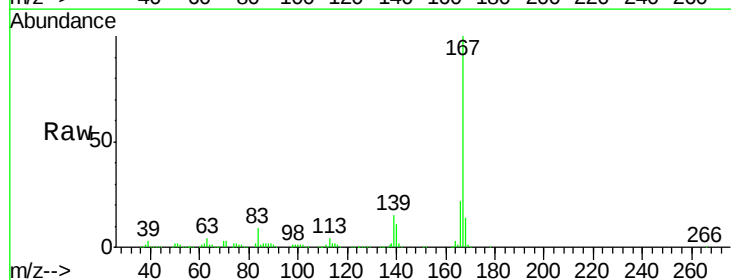
Tgt Ion:167 Resp: 897668

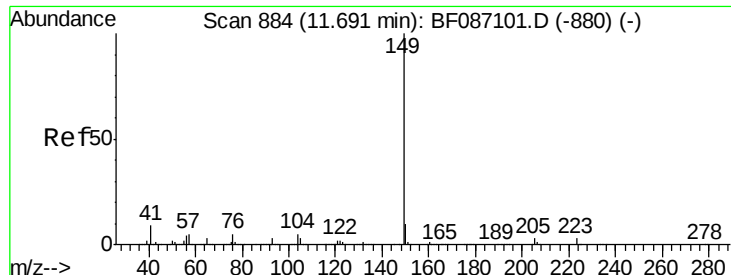
Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

139 14.7 10.8 16.2





#73

Di-n-butylphthalate

Concen: 41.73 ng

RT: 11.65 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

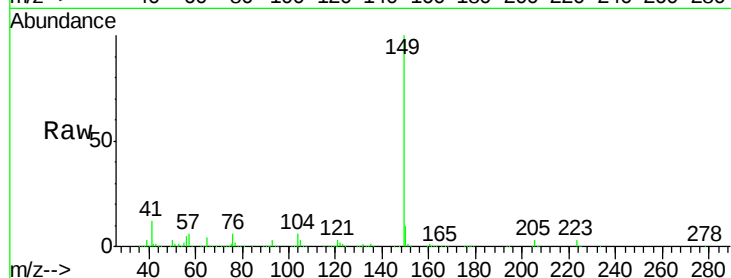
Tot Ion:149 Resp: 1223229

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

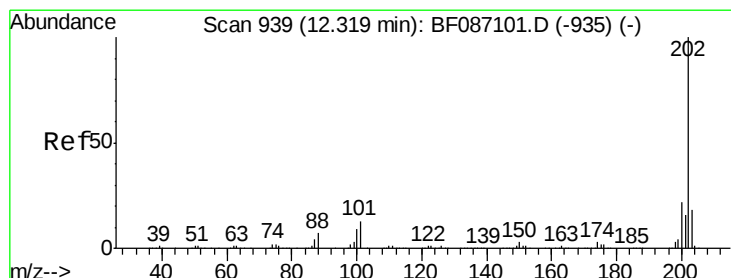
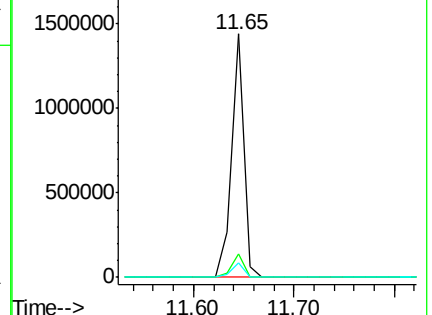
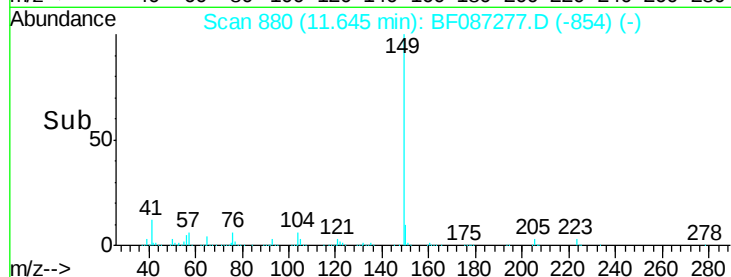
104 6.1 3.8 5.6#



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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

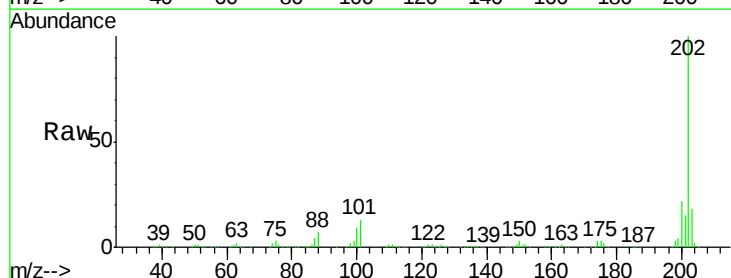
Tgt Ion:202 Resp: 948220

Ion Ratio Lower Upper

202 100

101 12.6 0.0 35.4

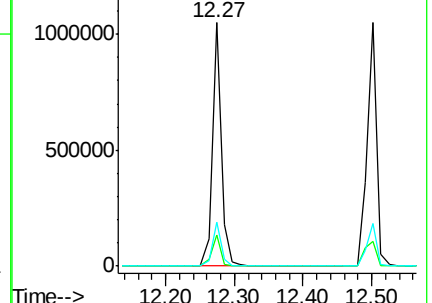
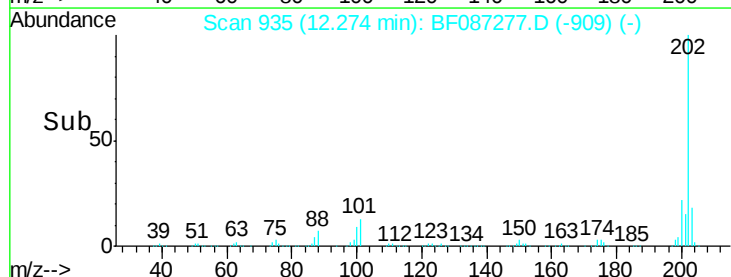
203 18.0 0.0 38.1

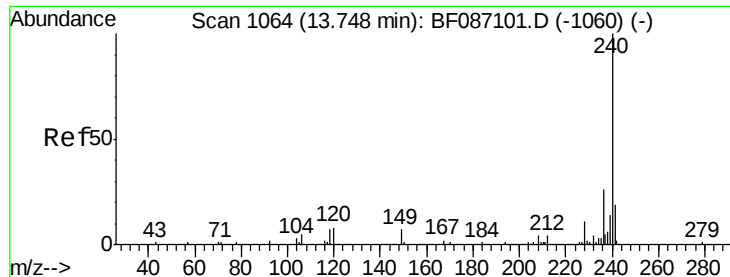


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

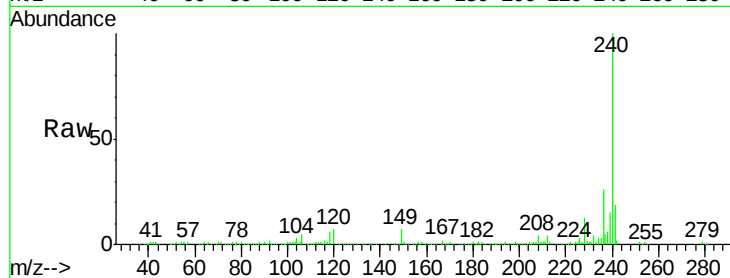
Tot Ion:240 Resp: 294321

Ion Ratio Lower Upper

240 100

120 7.0 11.2 16.8#

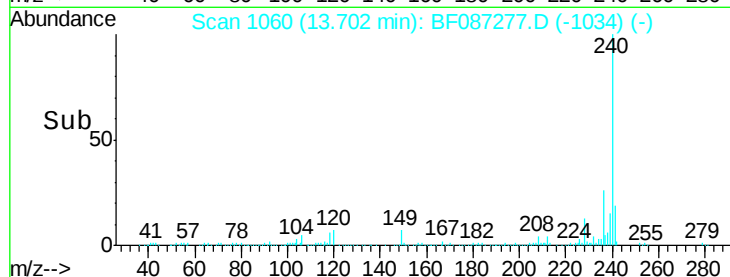
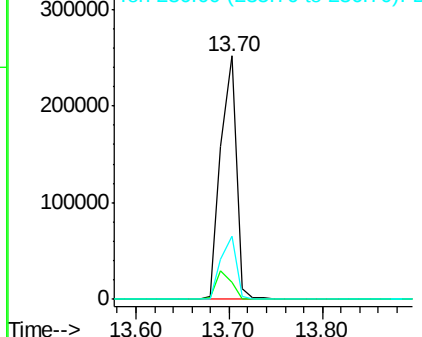
236 25.8 21.2 31.8



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. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

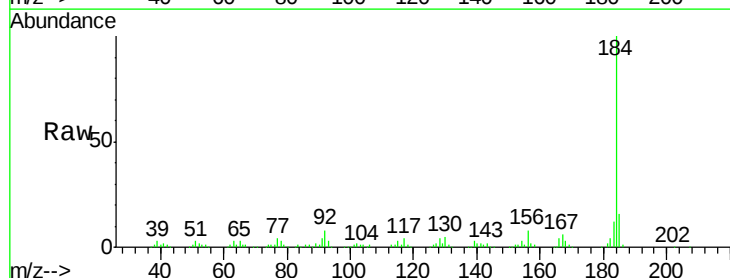
Tgt Ion:184 Resp: 257414

Ion Ratio Lower Upper

184 100

185 15.9 13.6 20.4

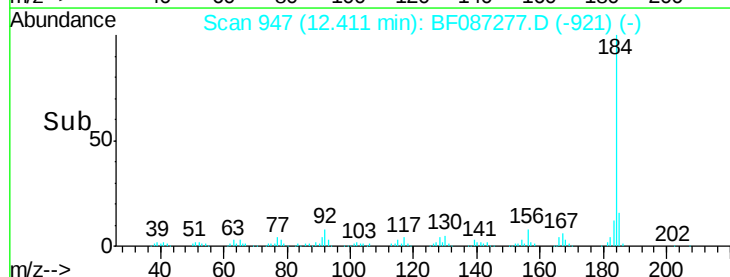
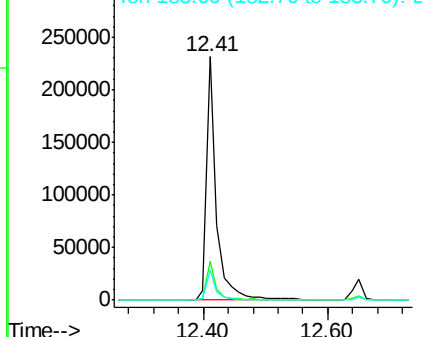
183 12.2 9.8 14.6

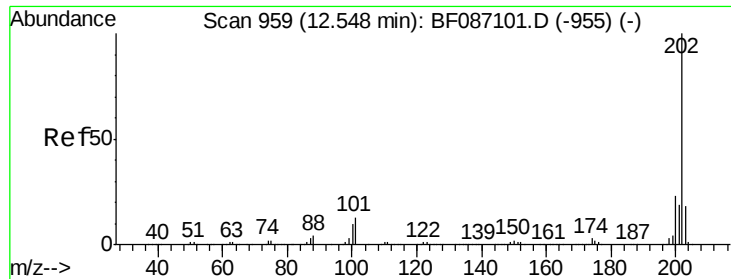


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

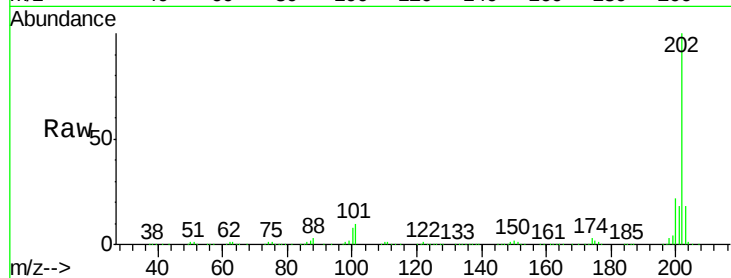




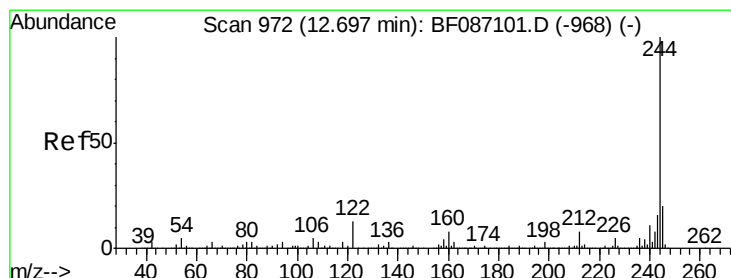
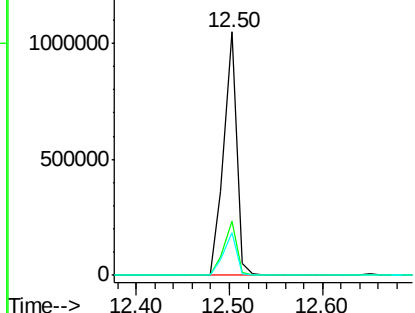
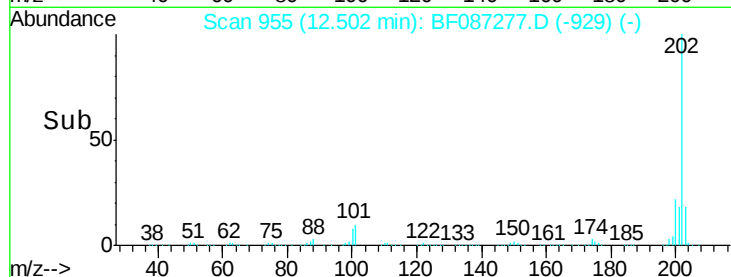
#77
Pvrene
Concen: 47.84 ng
RT: 12.50 min Scan# 955
Delta R.T. -0.00 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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

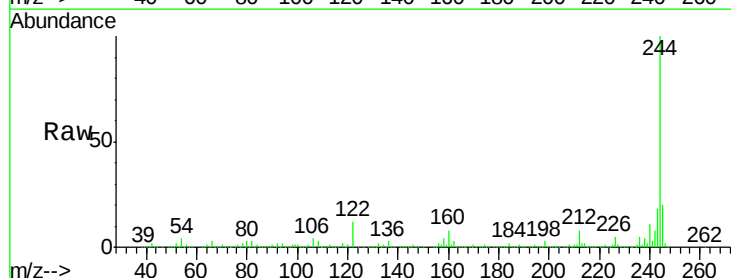


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

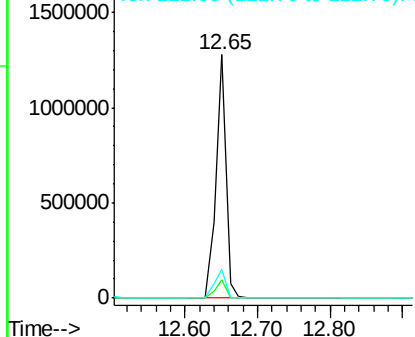
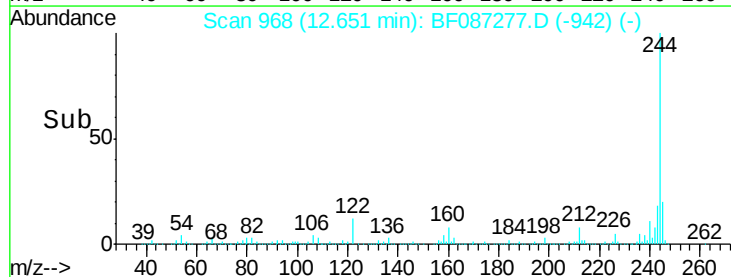


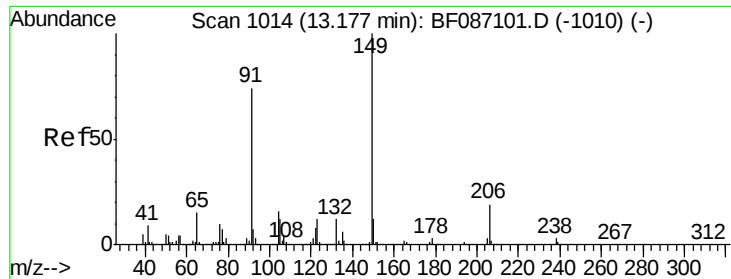
#78
Terphenyl-d14
Concen: 93.75 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

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

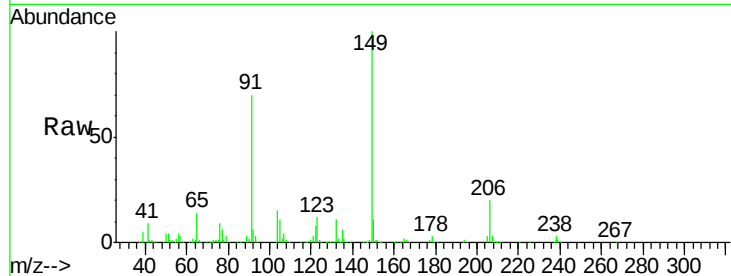




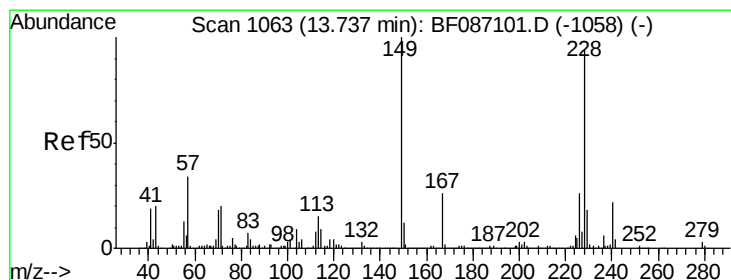
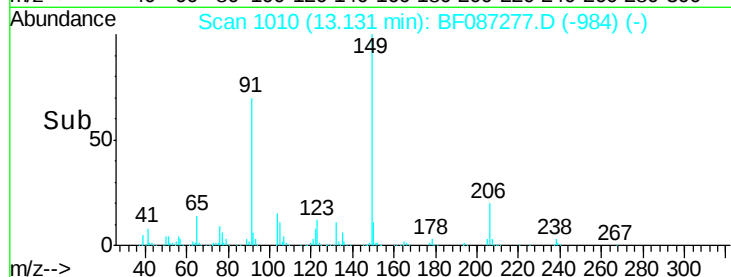
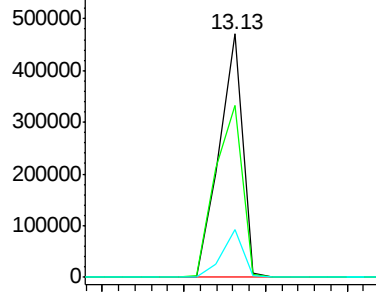
#79
Butylbenzylphthalate
Concen: 52.36 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.4	48.0	72.0
206	19.7	15.8	23.6

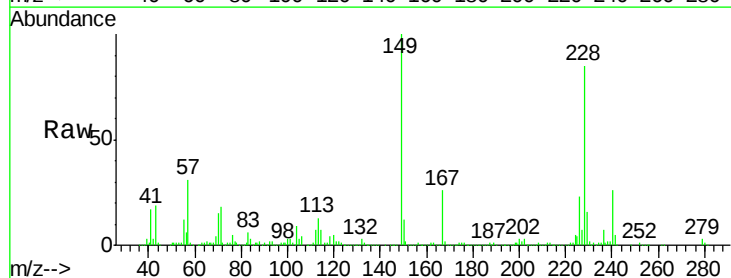


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

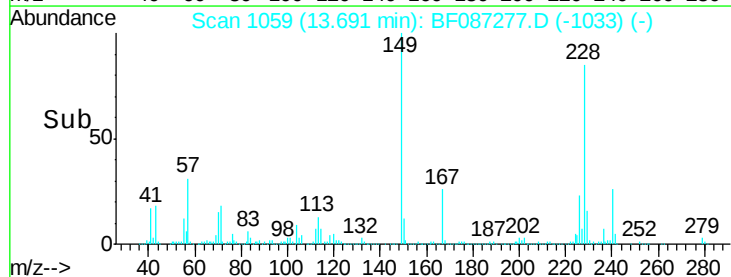
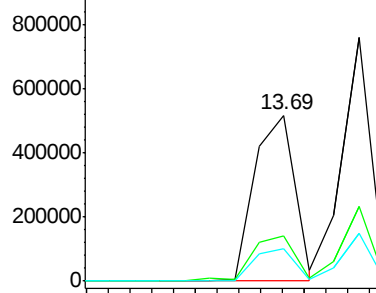


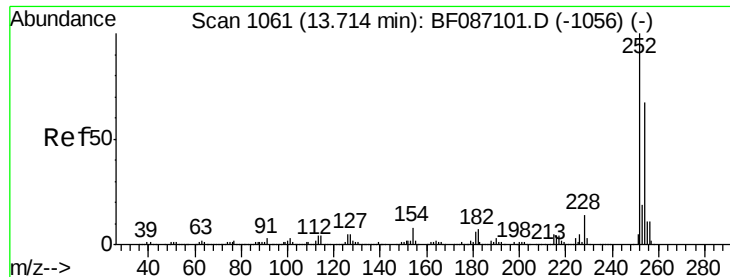
#80
Benzo(a)anthracene
Concen: 39.22 ng
RT: 13.69 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Tgt 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

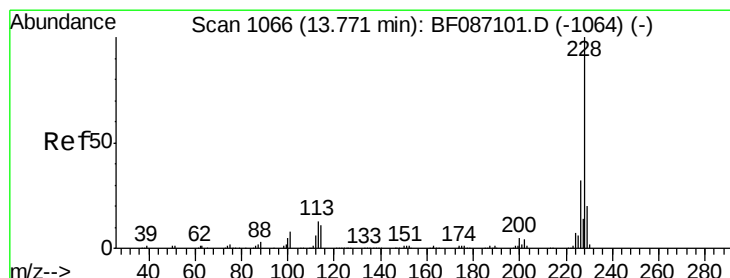
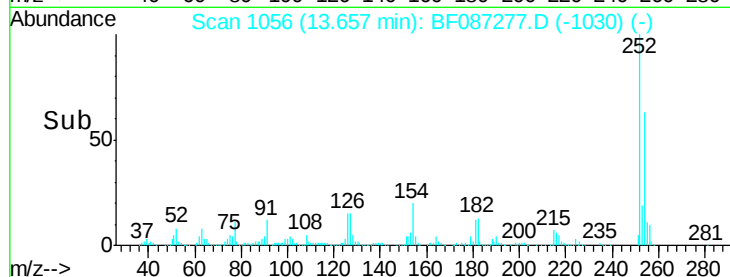
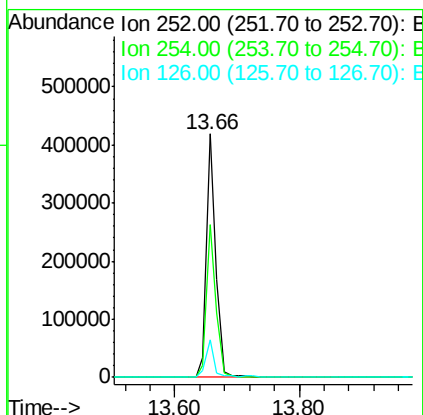
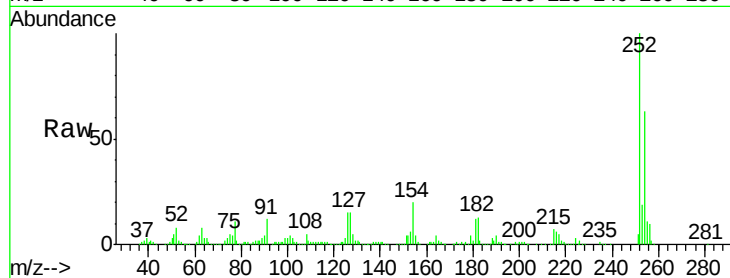




#81
 3,3'-Dichlorobenzidine
 Concen: 40.98 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

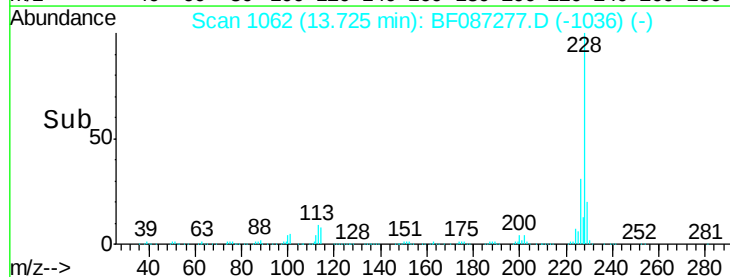
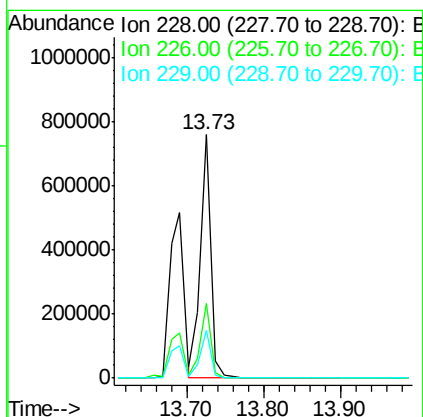
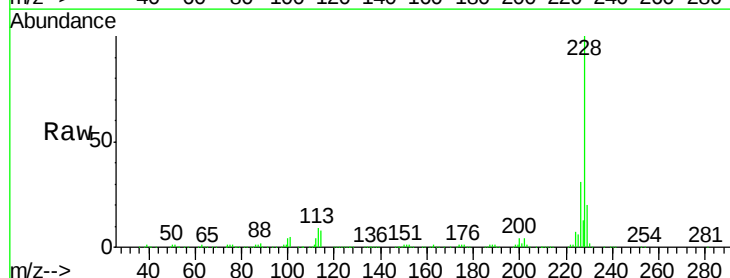
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:252 Resp: 443749
 Ion Ratio Lower Upper
 252 100
 254 62.8 50.7 76.1
 126 15.2 12.7 19.1



#82
 Chrysene
 Concen: 43.43 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.00 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.03 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

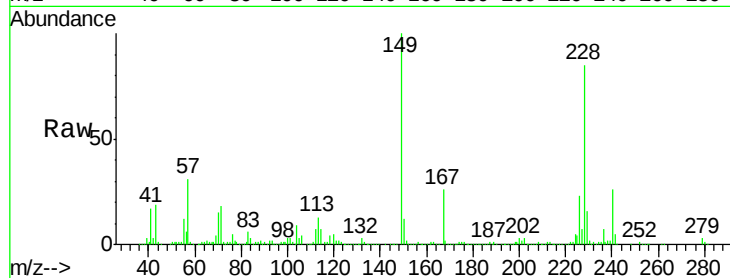
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 612080

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.8	32.6
279	3.4	2.6	4.0

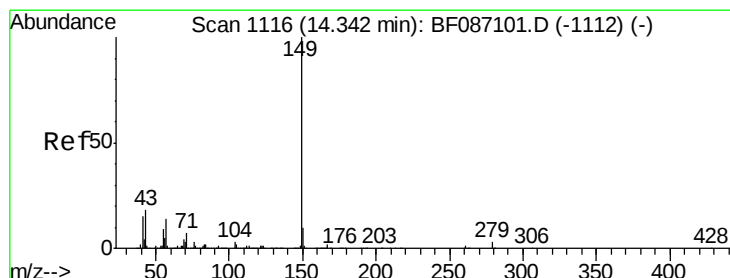
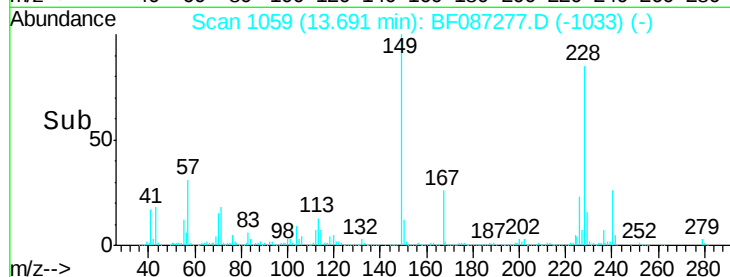
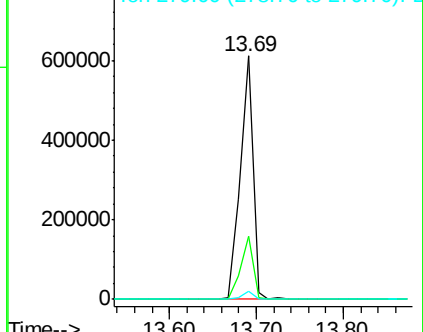


Abundance

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

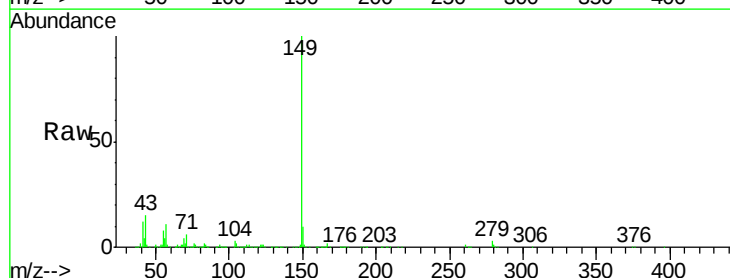
Delta R.T. -0.00 min

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

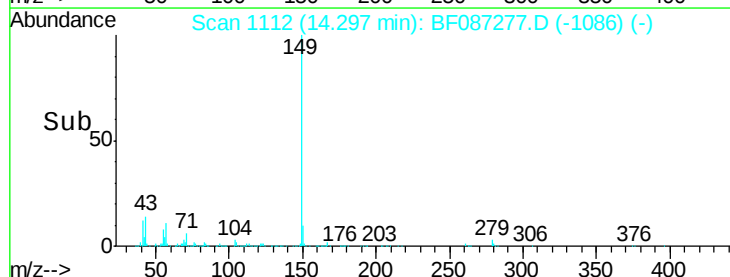
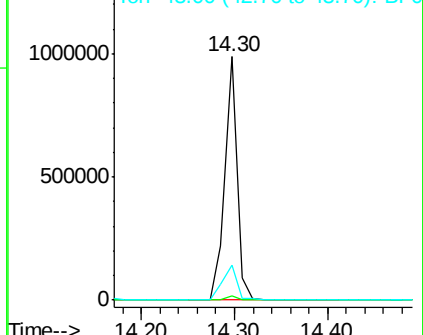


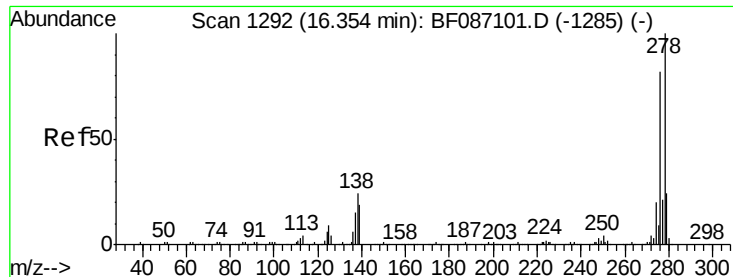
Abundance

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

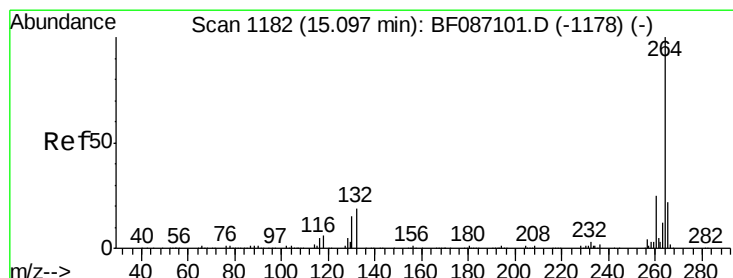
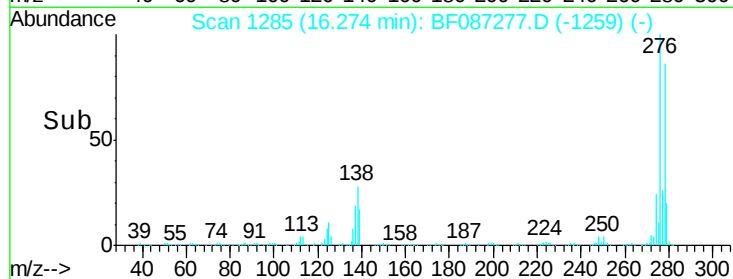
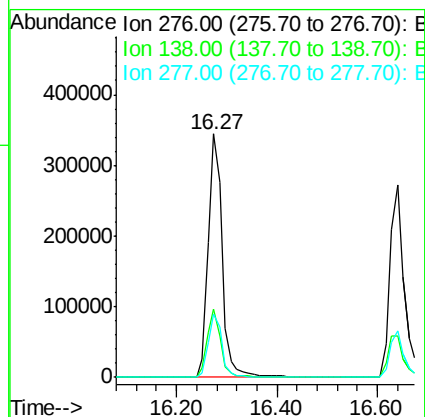
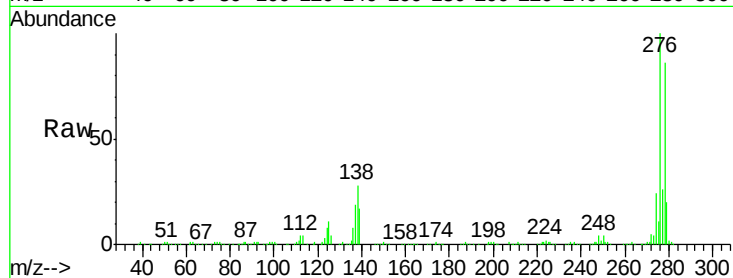




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.49 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

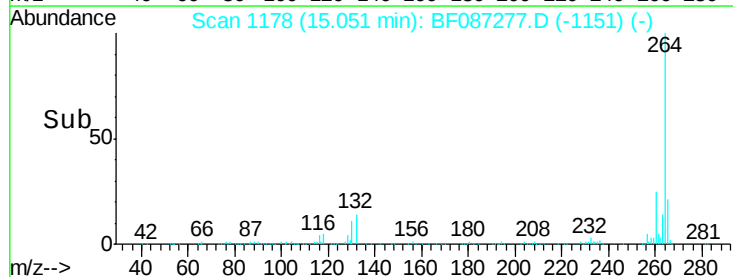
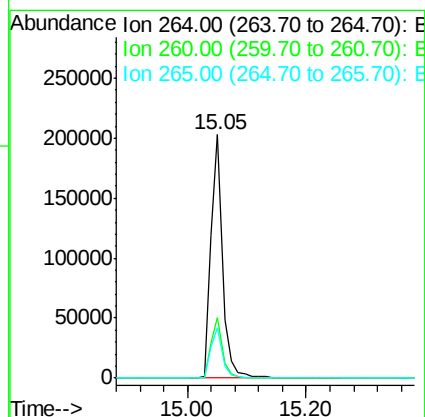
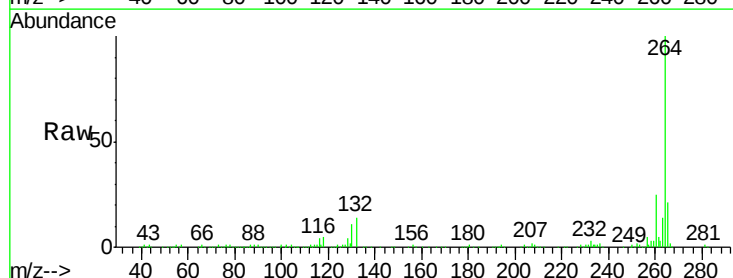
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

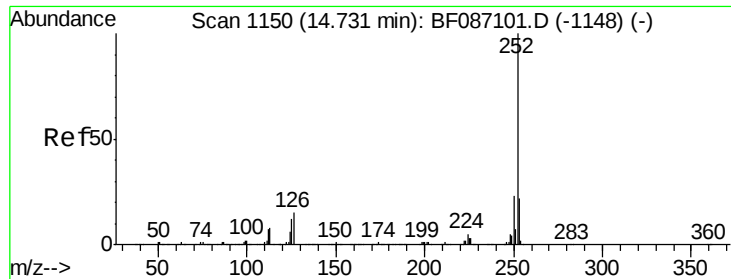
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.6	38.4
277	25.5	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF087277.D
 Acq: 21 May 2016 17:20

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

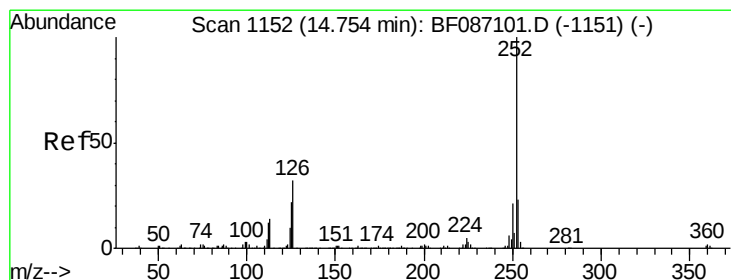
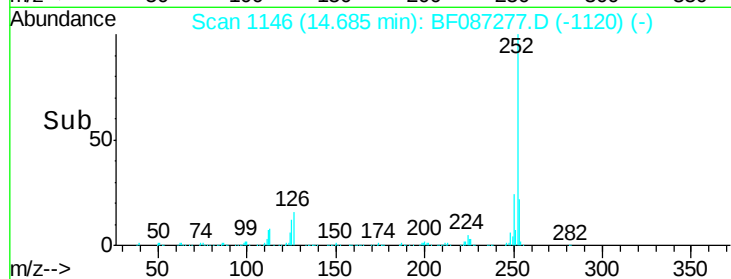
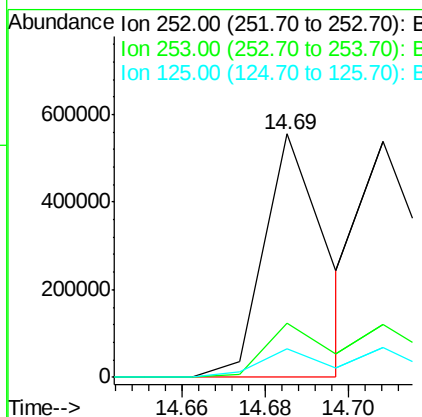
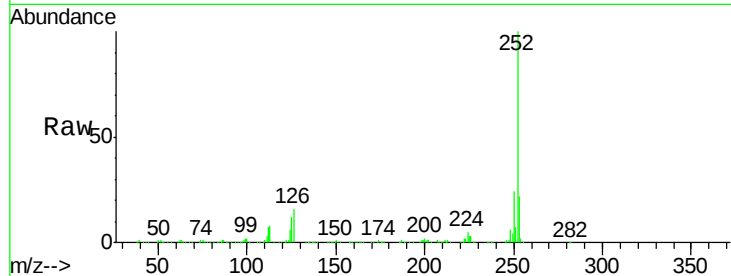




#87
Benzo(b)fluoranthene
Concen: 31.45 ng m
RT: 14.69 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

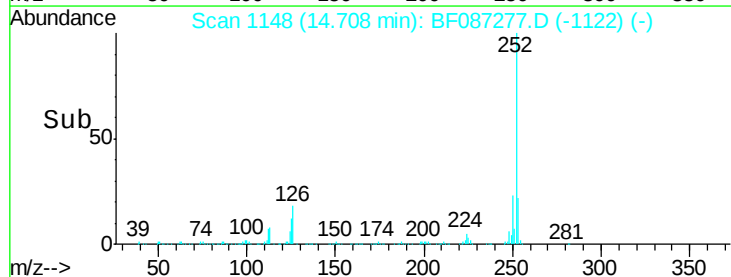
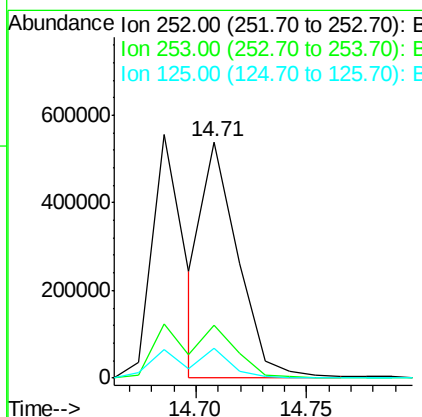
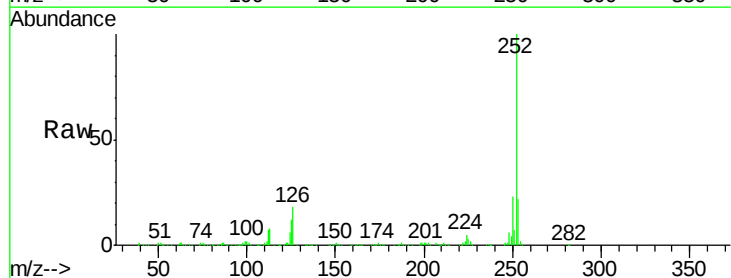
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

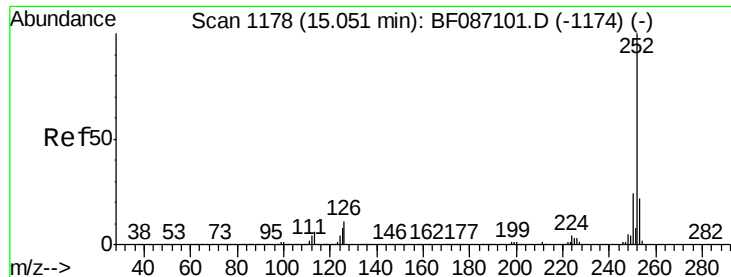
Tot Ion:252 Resp: 572949
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.9 11.4 17.0



#88
Benzo(k)fluoranthene
Concen: 43.90 ng m
RT: 14.71 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

Tgt Ion:252 Resp: 595368
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 12.4 9.1 13.7

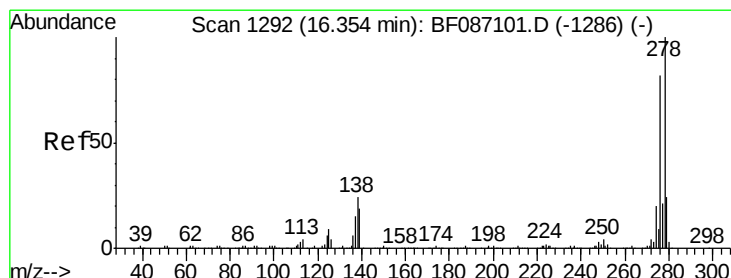
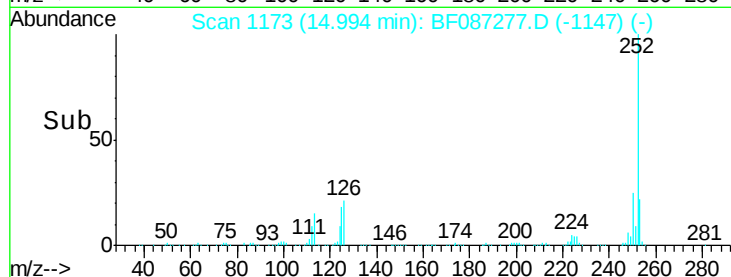
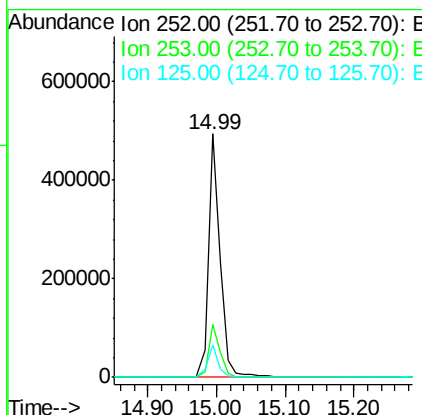
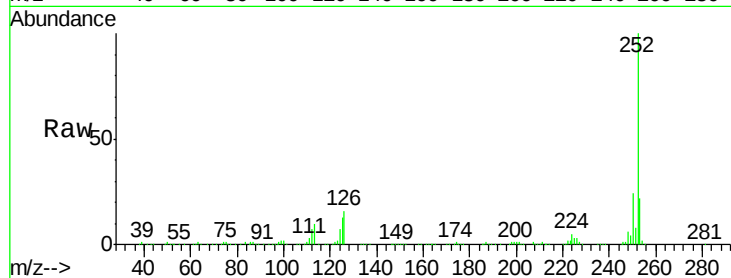




#89
Benzo(a)pyrene
Concen: 37.97 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF087277.D
Acq: 21 May 2016 17:20

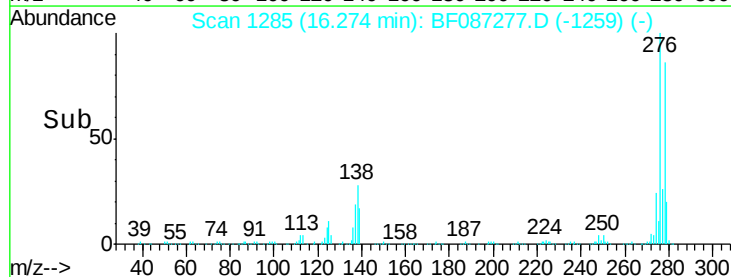
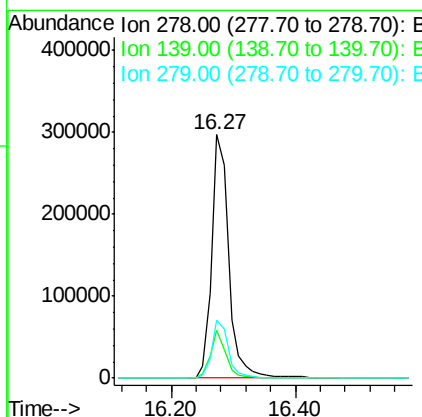
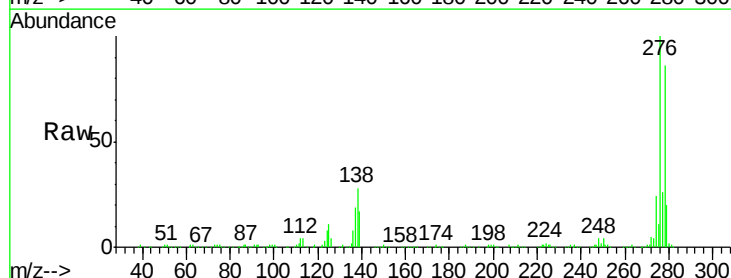
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

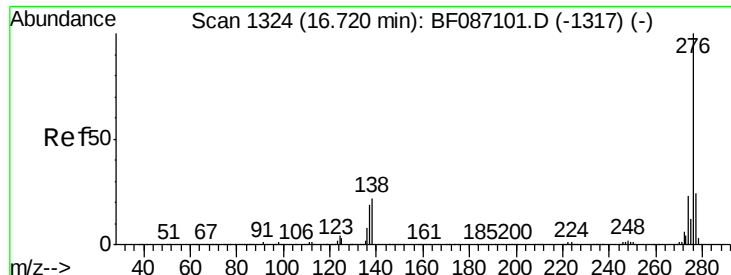
Tot Ion:252 Resp: 578206
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 13.1 9.0 13.6



#90
Dibenzo(a,h)anthracene
Concen: 43.73 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.00 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(a,h,i)perylene

Concen: 42.94 ng

RT: 16.64 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF087277.D

Acq: 21 May 2016 17:20

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

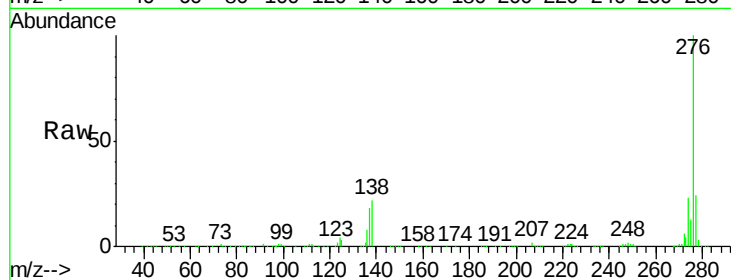
Tot Ion:276 Resp: 556088

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 21.7 23.6 35.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

