

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
 Data File : BF087206.D
 Acq On : 20 May 2016 2:17
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 20 03:57:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:23:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	134820	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	556474	20.00	ng	0.00
38) Acenaphthene-d10	9.61	164	258489	20.00	ng	0.01
63) Phenanthrene-d10	11.08	188	451138	20.00	ng	0.00
75) Chrysene-d12	13.71	240	276833	20.00	ng	0.00
86) Perylene-d12	15.06	264	281742	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	652956	81.41	ng	0.00
7) Phenol-d6	6.24	99	788919	73.33	ng	0.00
23) Nitrobenzene-d5	7.15	82	898412	80.46	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	206752	72.38	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	1177725	75.46	ng	0.00
78) Terphenyl-d14	12.66	244	1022141	83.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.98	88	153732	37.26	ng	# 72
3) Pyridine	2.60	79	367722	36.84	ng	# 67
4) n-Nitrosodimethylamine	2.57	42	282775	39.98	ng	# 50
6) Aniline	6.24	93	531067	38.86	ng	# 88
8) 2-Chlorophenol	6.35	128	382126	39.16	ng	# 81
9) Benzaldehyde	6.11	77	217556	36.89	ng	95
10) Phenol	6.25	94	539503	39.89	ng	73
11) bis(2-Chloroethyl)ether	6.32	93	396177	39.02	ng	92
12) 1,3-Dichlorobenzene	6.74	146	358089	34.52	ng	98
13) 1,4-Dichlorobenzene	6.74	146	365583	34.44	ng	97
14) 1,2-Dichlorobenzene	6.74	146	369758	39.79	ng	98
15) Benzyl Alcohol	6.73	79	315796	39.43	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	6.86	45	785847	37.65	ng	67
17) 2-Methylphenol	6.86	107	291015	36.31	ng	# 72
18) Hexachloroethane	7.07	117	150893	37.19	ng	99
19) n-Nitroso-di-n-propylamine	7.00	70	300151	36.70	ng	# 70
20) 3+4-Methylphenols	7.02	107	420949	39.82	ng	# 62
22) Acetophenone	6.99	105	545571	40.06	ng	# 95
24) Nitrobenzene	7.16	77	428004	35.11	ng	94
25) Isophorone	7.40	82	763211	37.34	ng	97
26) 2-Nitrophenol	7.48	139	197664	39.14	ng	# 79
27) 2,4-Dimethylphenol	7.54	122	344495	39.97	ng	89
28) bis(2-Chloroethoxy)methane	7.62	93	416139	37.09	ng	# 98
29) 2,4-Dichlorophenol	7.74	162	305021	40.16	ng	98
30) 1,2,4-Trichlorobenzene	7.80	180	343164	40.72	ng	98
31) Naphthalene	7.88	128	1081738	39.78	ng	100
32) Benzoic acid	7.70	122	142327	27.71	ng	# 74
33) 4-Chloroaniline	7.94	127	420135	37.18	ng	# 88
34) Hexachlorobutadiene	8.00	225	199586	41.73	ng	98
35) Caprolactam	8.33	113	98666	39.02	ng	# 50
36) 4-Chloro-3-methylphenol	8.44	107	337431	36.83	ng	# 86
37) 2-Methylnaphthalene	8.57	142	681313	39.17	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	305728	40.49	ng	98
40) Hexachlorocyclopentadiene	8.72	237	38817	19.86	ng	96

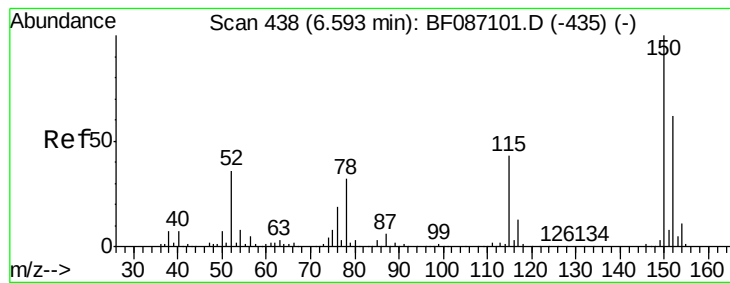
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	190879	38.99	ng	91
43) 2,4,5-Trichlorophenol	8.91	196	191922	37.73	ng	95
45) 1,1'-Biphenyl	9.04	154	936457	43.69	ng	99
46) 2-Chloronaphthalene	9.06	162	670745	40.76	ng	99
47) 2-Nitroaniline	9.16	65	237985	37.74	ng	# 66
48) Acenaphthylene	9.46	152	951657	37.88	ng	98
49) Dimethylphthalate	9.35	163	767296	38.91	ng	100
50) 2,6-Dinitrotoluene	9.42	165	181637	42.42	ng	94
51) Acenaphthene	9.63	154	593909	37.84	ng	98
52) 3-Nitroaniline	9.59	138	196435	42.38	ng	99
53) 2,4-Dinitrophenol	9.71	184	38903	19.66	ng	87
54) Dibenzofuran	9.80	168	775417	38.20	ng	# 90
55) 4-Nitrophenol	9.80	139	411302	101.14	ng	# 21
56) 2,4-Dinitrotoluene	9.82	165	195026	35.57	ng	# 70
57) Fluorene	10.15	166	589669	36.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	147885	37.33	ng	98
59) Diethylphthalate	10.04	149	803835	42.70	ng	98
60) 4-Chlorophenyl-phenylether	10.15	204	313579	40.56	ng	93
61) 4-Nitroaniline	10.20	138	175104	38.26	ng	88
62) Azobenzene	10.31	77	863262	39.80	ng	88
64) 4,6-Dinitro-2-methylphenol	10.23	198	75055	25.26	ng	# 42
65) n-Nitrosodiphenylamine	10.27	169	609531	42.93	ng	100
66) 4-Bromophenyl-phenylether	10.63	248	183346	39.52	ng	# 85
67) Hexachlorobenzene	10.70	284	212275	39.47	ng	# 80
68) Atrazine	10.81	200	180572	38.99	ng	95
69) Pentachlorophenol	10.90	266	74834	37.04	ng	96
70) Phenanthrene	11.11	178	962784	39.35	ng	100
71) Anthracene	11.15	178	917330	37.07	ng	100
72) Carbazole	11.32	167	869715	38.47	ng	100
73) Di-n-butylphthalate	11.66	149	1122654	43.23	ng	# 99
74) Fluoranthene	12.28	202	856172	34.92	ng	97
76) Benzidine	12.42	184	378767	57.39	ng	98
77) Pyrene	12.51	202	889693	44.49	ng	100
79) Butylbenzylphthalate	13.14	149	409318	48.48	ng	# 81
80) Benzo(a)anthracene	13.70	228	632670	39.53	ng	98
81) 3,3'-Dichlorobenzidine	13.67	252	469088	46.06	ng	99
82) Chrysene	13.74	228	667812	43.12	ng	99
83) Bis(2-ethylhexyl)phthalate	13.70	149	487093	47.41	ng	97
84) Di-n-octyl phthalate	14.31	149	757507	42.80	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.30	276	660297	48.57	ng	94
87) Benzo(b)fluoranthene	14.70	252	1209767	64.72	ng	97
88) Benzo(k)fluoranthene	14.70	252	1210941	87.02	ng	100
89) Benzo(a)pyrene	15.01	252	584859	37.43	ng	98
90) Dibenzo(a,h)anthracene	16.30	278	554683	42.17	ng	# 95
91) Benzo(g,h,i)perylene	16.66	276	552585	41.59	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

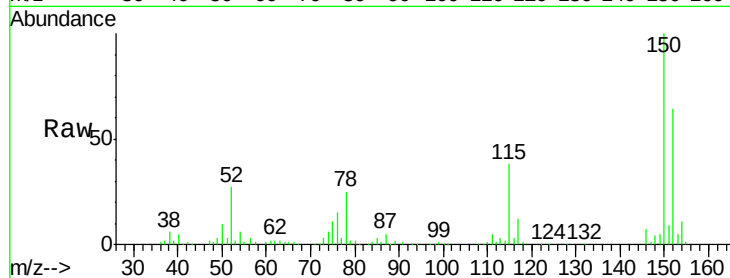
Tgt Ion:152 Resp: 134820

Ion Ratio Lower Upper

152 100

150 156.1 125.8 188.6

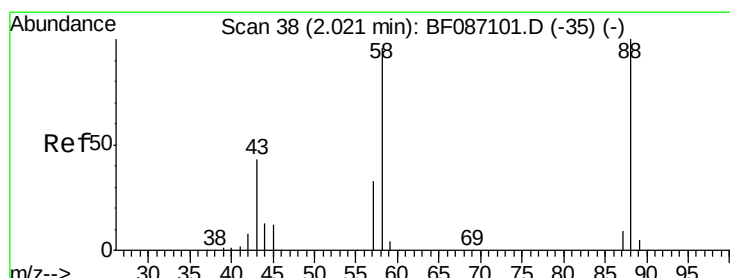
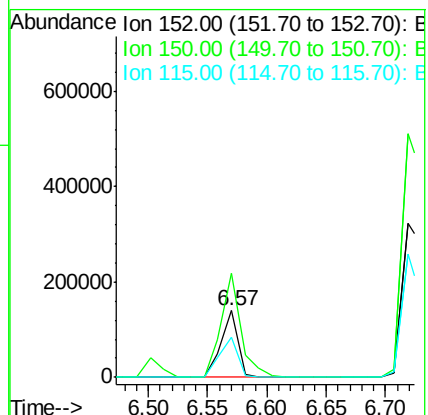
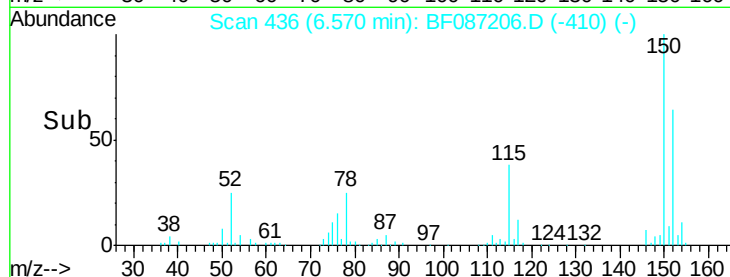
115 59.6 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.26 ng

RT: 1.98 min Scan# 34

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

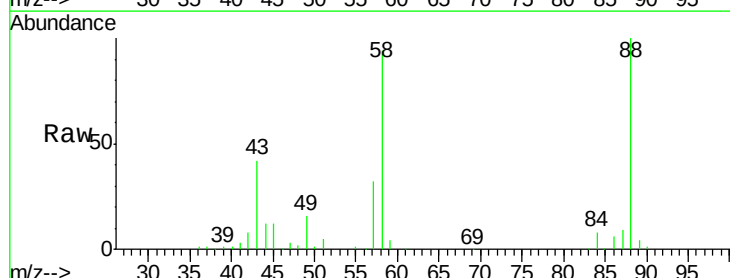
Tgt Ion: 88 Resp: 153732

Ion Ratio Lower Upper

88 100

58 97.0 59.6 89.4#

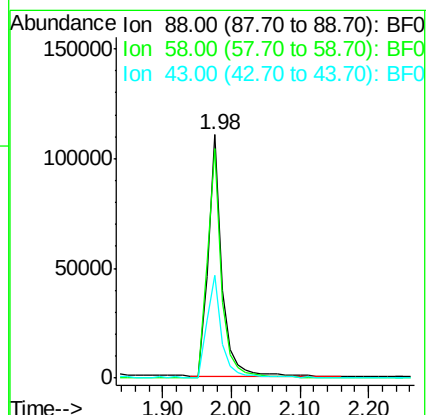
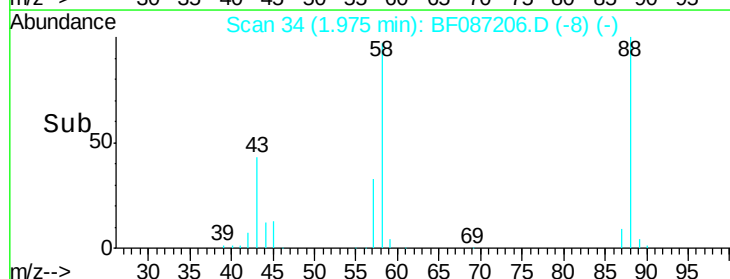
43 44.3 21.8 32.6#

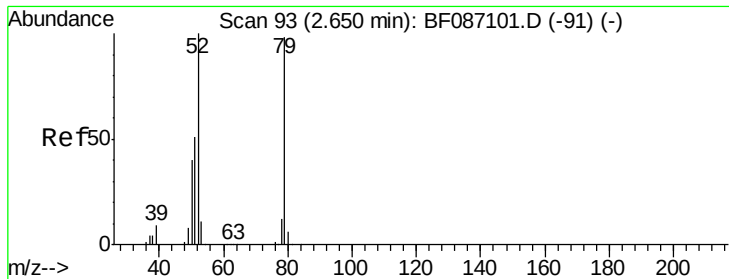


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.84 ng

RT: 2.60 min Scan# 89

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

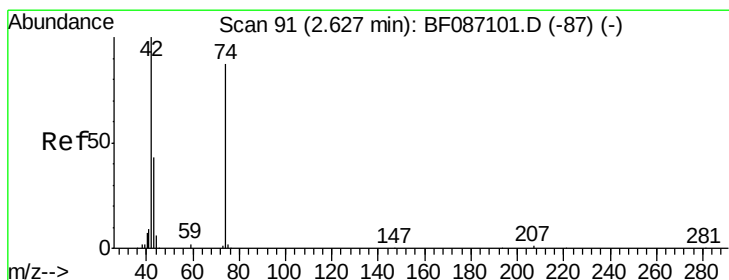
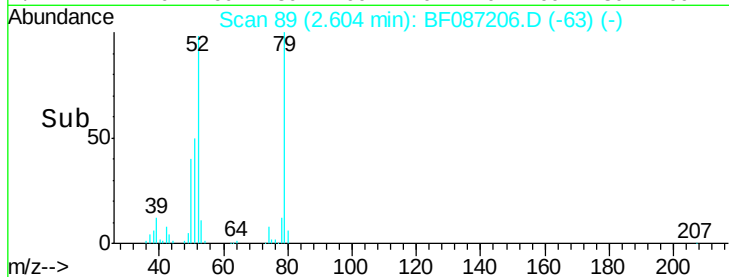
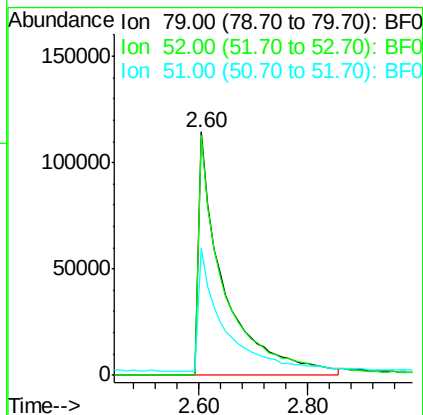
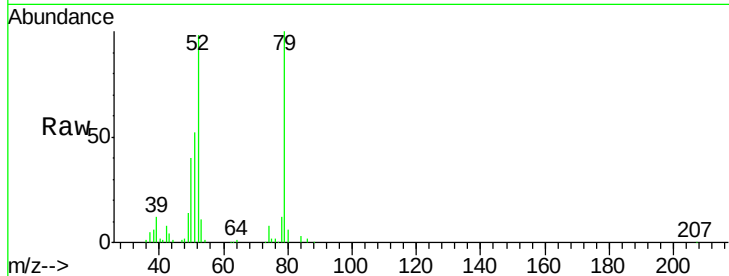
Tgt Ion: 79 Resp: 367722

Ion Ratio Lower Upper

79 100

52 98.4 55.9 83.9#

51 52.4 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 39.98 ng

RT: 2.57 min Scan# 86

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

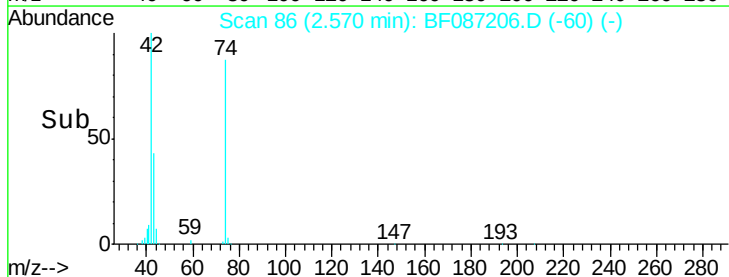
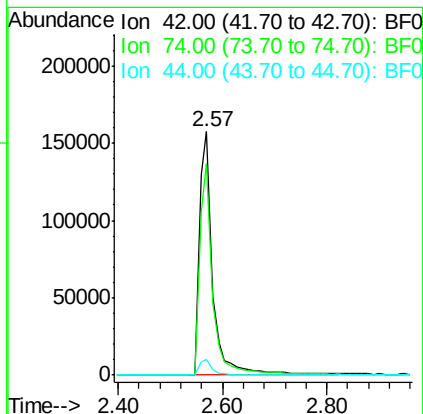
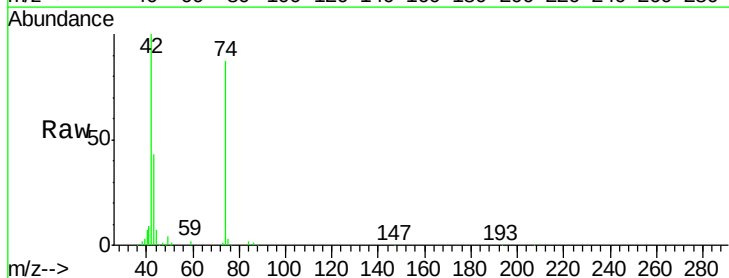
Tgt Ion: 42 Resp: 282775

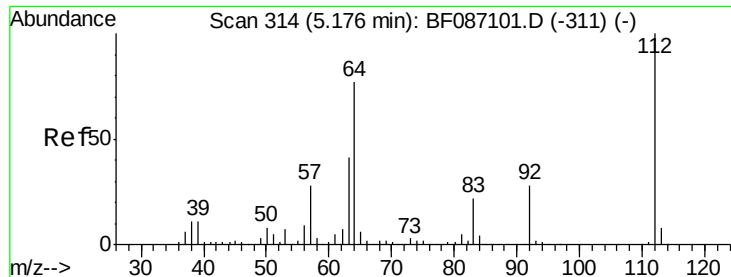
Ion Ratio Lower Upper

42 100

74 87.2 123.4 185.0#

44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 81.41 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

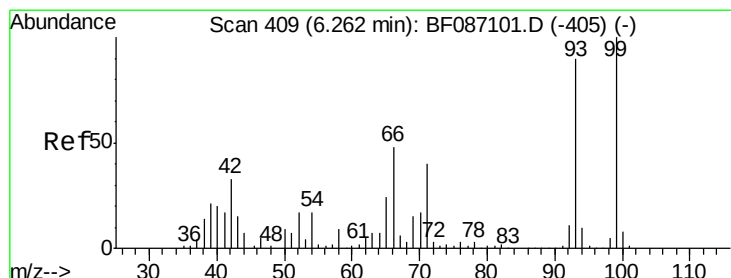
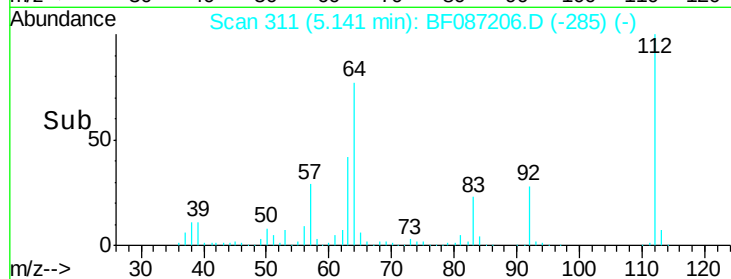
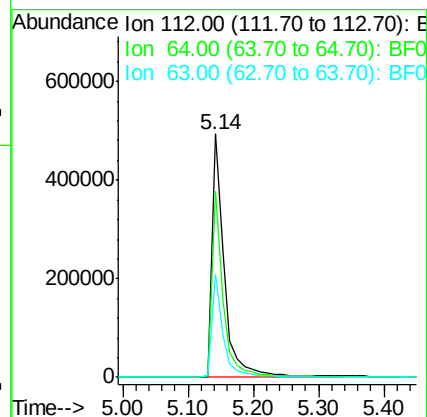
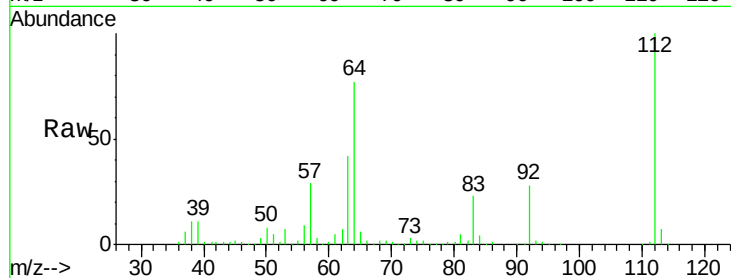
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	112	Resp:	652956
Ion Ratio	Lower	Upper	
112	100		
64	76.6	52.1	78.1
63	42.0	25.7	38.5#



#6

Aniline

Concen: 38.86 ng

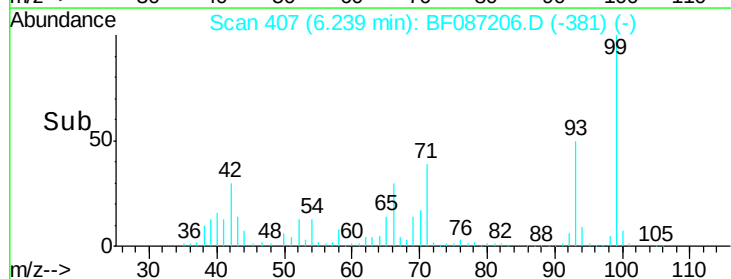
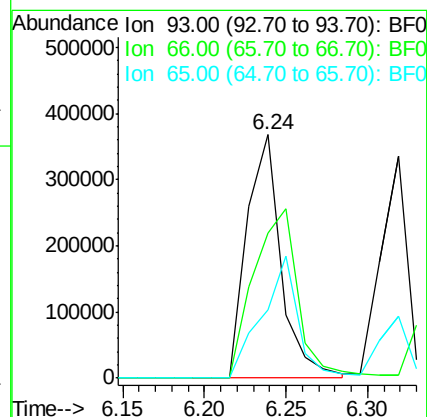
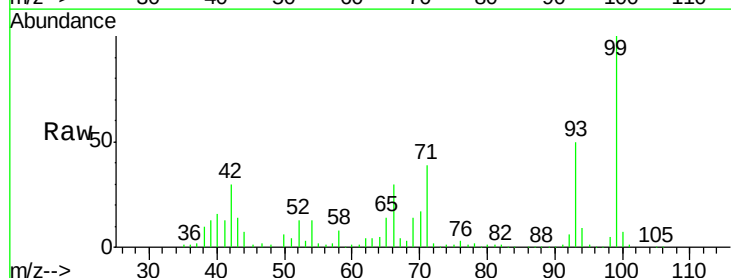
RT: 6.24 min Scan# 407

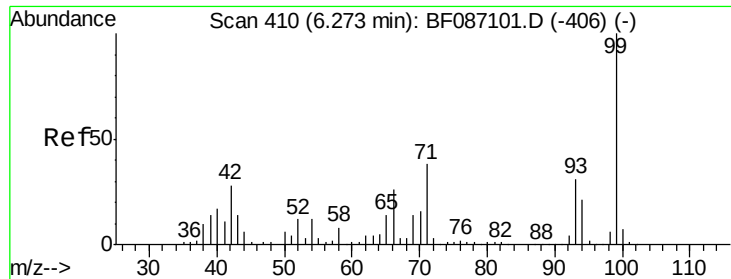
Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt Ion:	93	Resp:	531067
Ion Ratio	Lower	Upper	
93	100		
66	59.5	39.0	58.6#
65	28.0	20.6	31.0





#7

Phenol-d6

Concen: 73.33 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

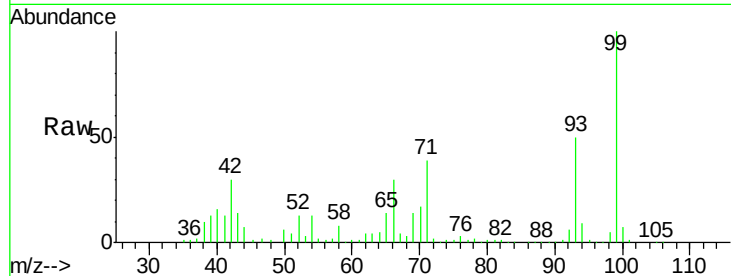
Tgt Ion: 99 Resp: 788919

Ion Ratio Lower Upper

99 100

42 30.1 13.6 20.4#

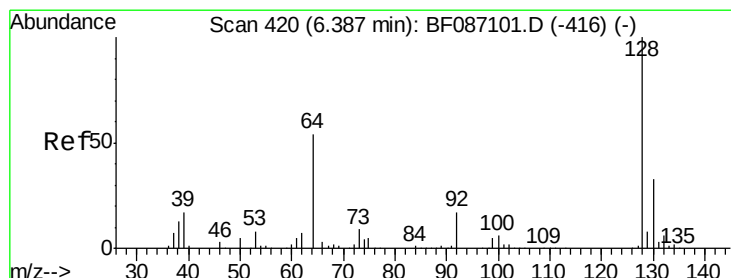
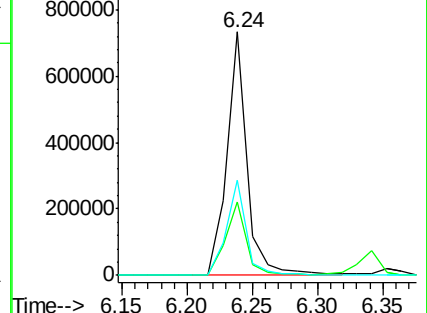
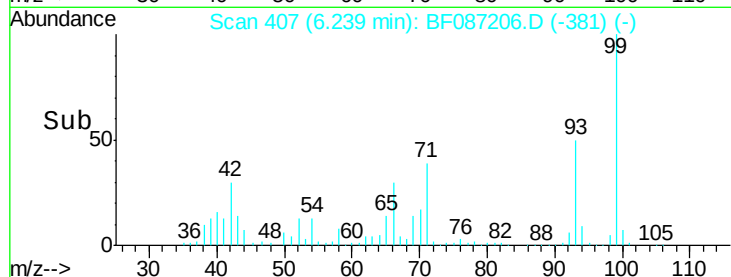
71 39.1 24.6 36.8#



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: 39.16 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

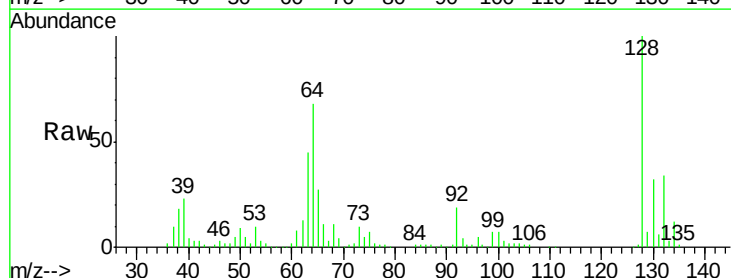
Tgt Ion: 128 Resp: 382126

Ion Ratio Lower Upper

128 100

130 32.1 12.5 52.5

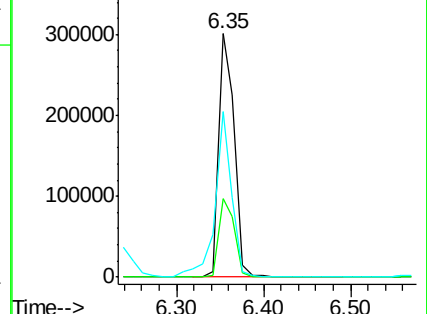
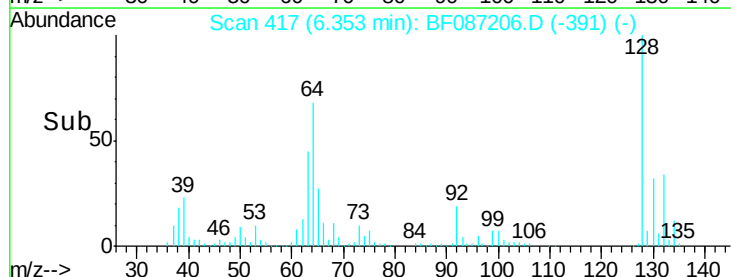
64 68.1 27.3 67.3#

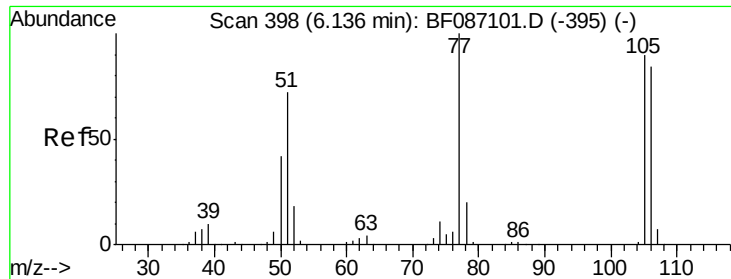


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.89 ng

RT: 6.11 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

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SSTDCCC040

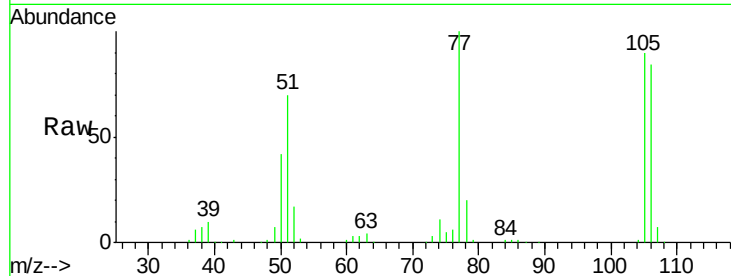
Tgt Ion: 77 Resp: 217556

Ion Ratio Lower Upper

77 100

105 90.2 72.7 112.7

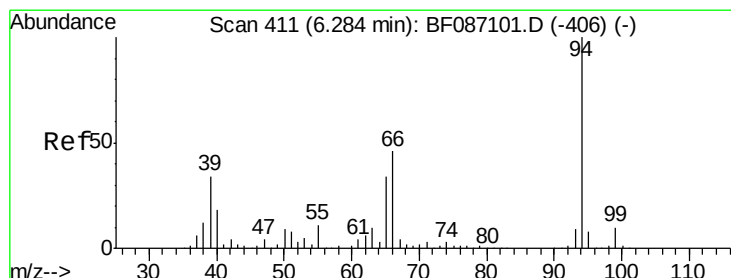
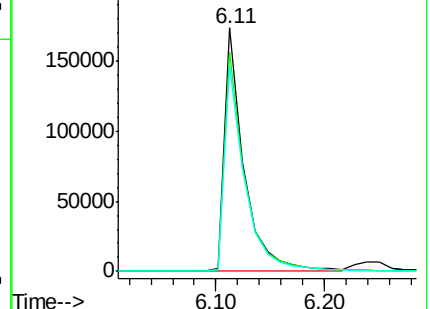
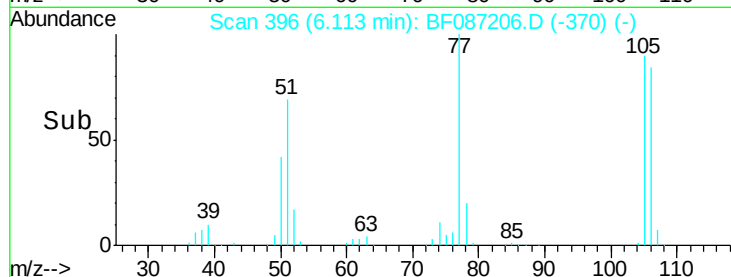
106 84.5 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.89 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

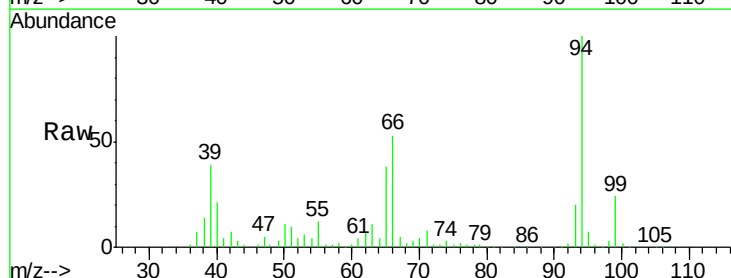
Tgt Ion: 94 Resp: 539503

Ion Ratio Lower Upper

94 100

65 38.3 7.2 47.2

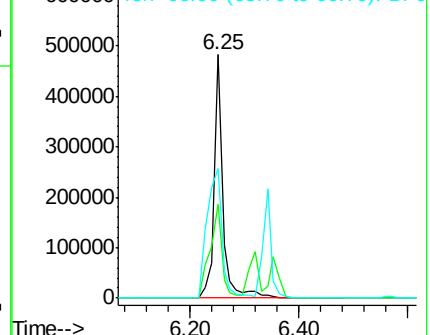
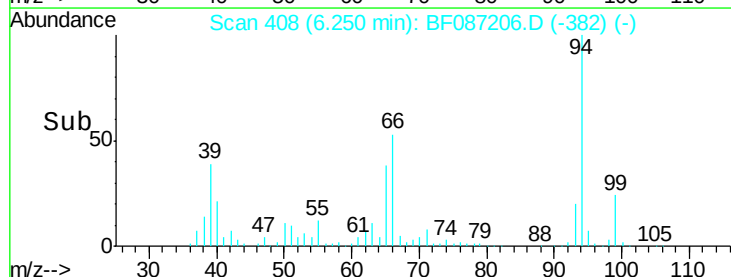
66 53.1 14.9 54.9

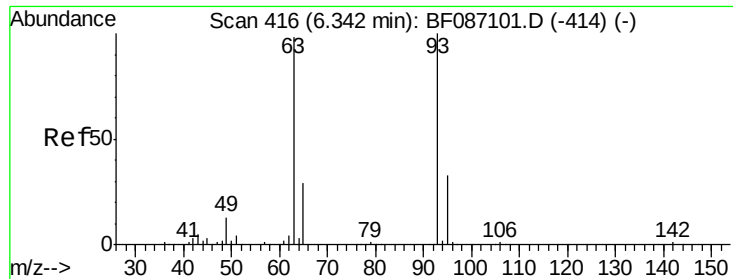


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

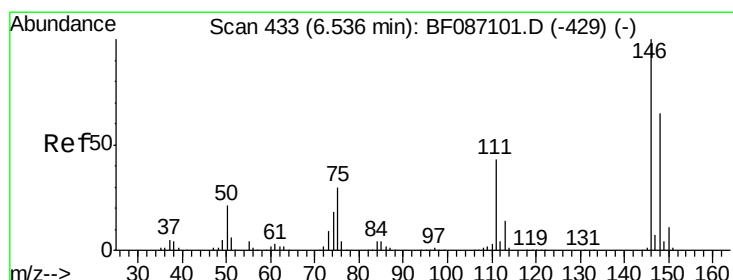
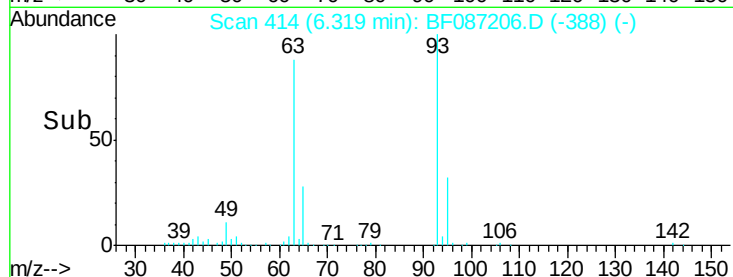
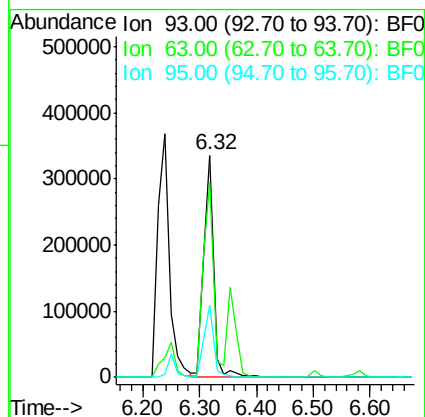
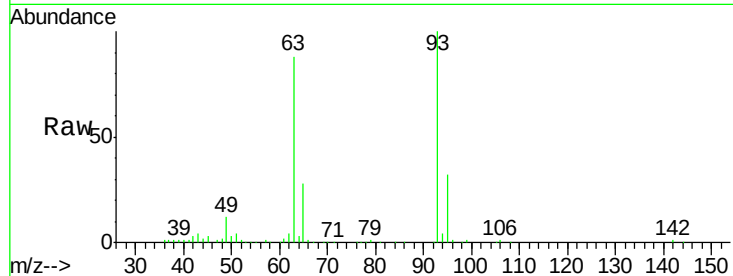




#11
bis(2-Chloroethyl)ether
Concen: 39.02 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

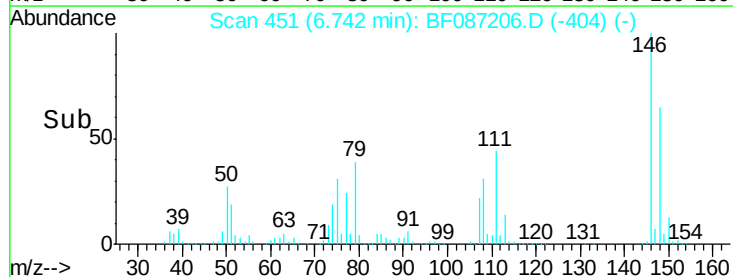
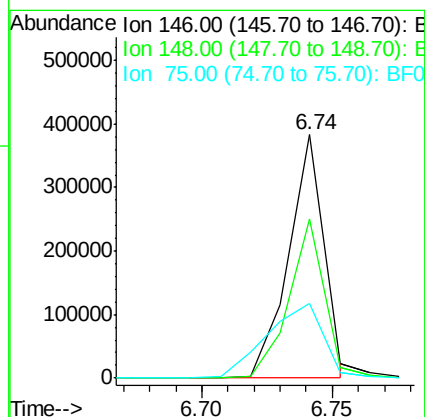
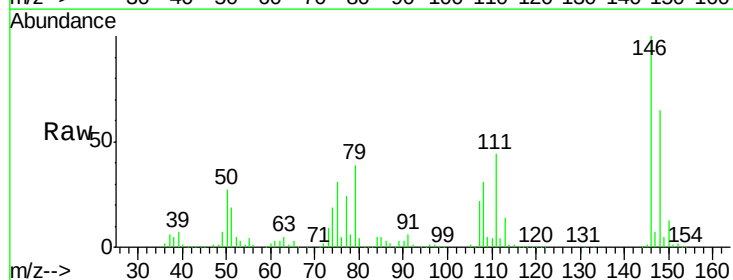
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

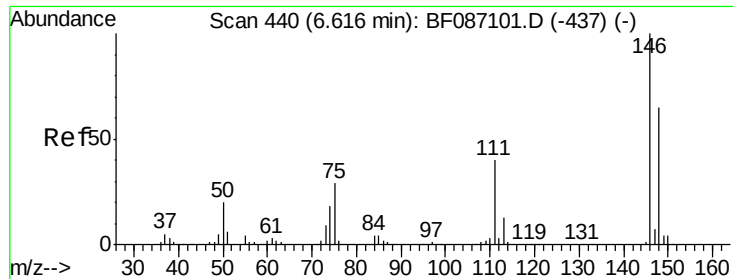
Tgt Ion: 93 Resp: 396177
Ion Ratio Lower Upper
93 100
63 87.9 58.0 98.0
95 32.3 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 34.52 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.24 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion: 146 Resp: 358089
Ion Ratio Lower Upper
146 100
148 65.3 52.4 78.6
75 30.9 22.8 34.2

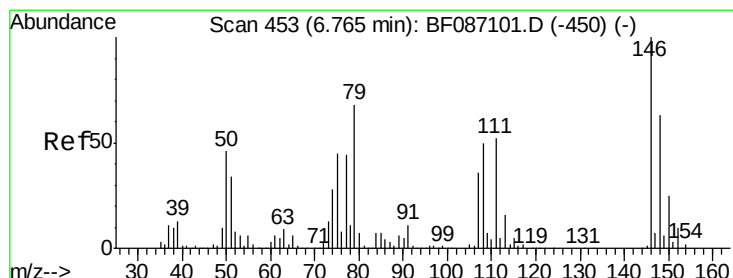
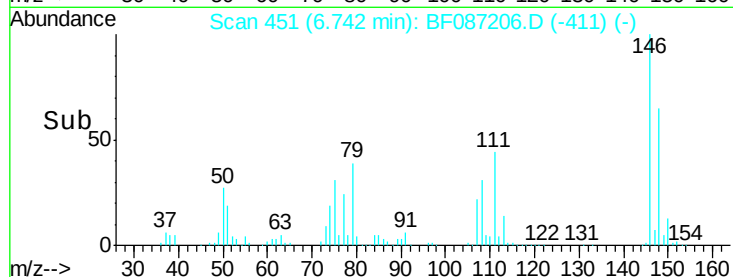
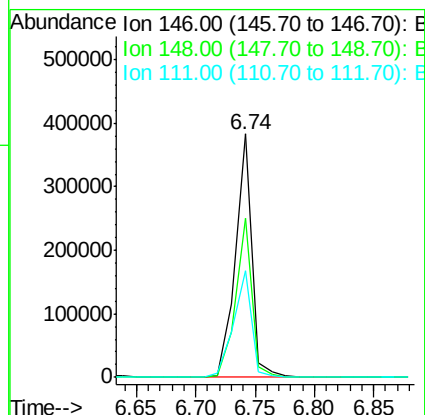
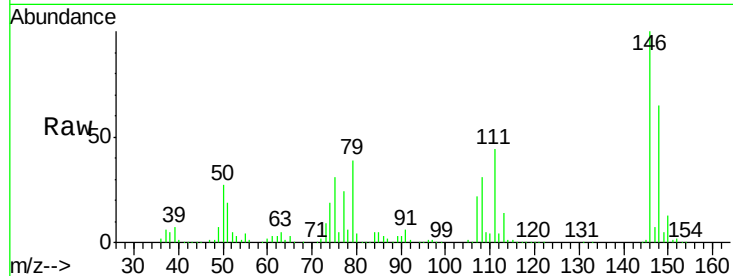




#13
 1,4-Dichlorobenzene
 Concen: 34.44 ng
 RT: 6.74 min Scan# 451
 Delta R.T. 0.16 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

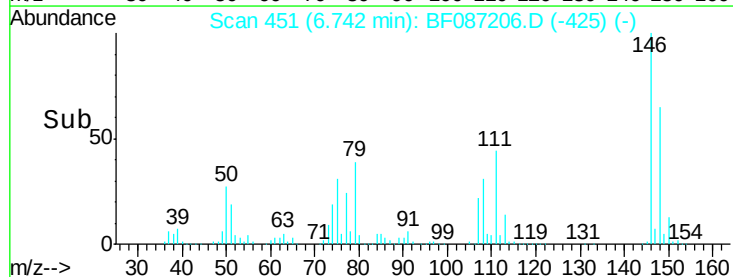
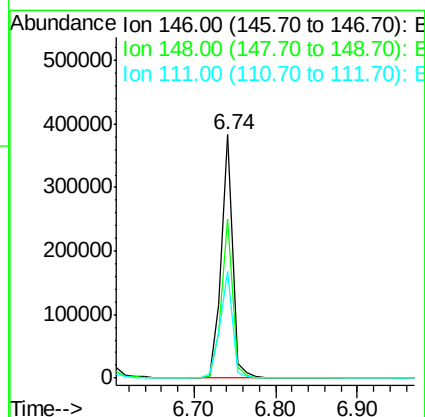
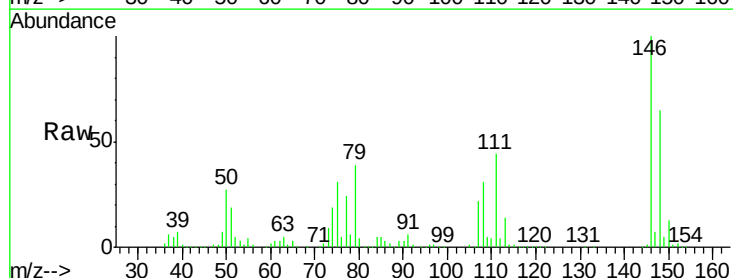
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

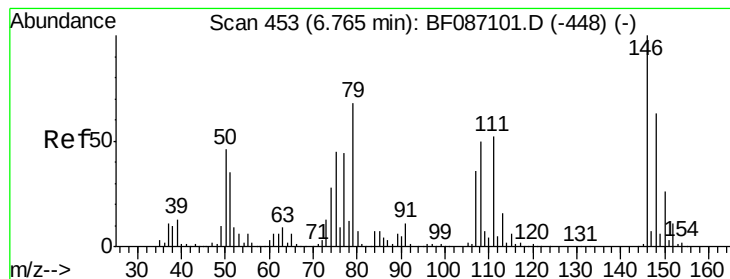
Tgt Ion:146 Resp: 365583
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.2 78.4
 111 43.6 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 39.79 ng
 RT: 6.74 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion:146 Resp: 369758
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.0 76.6
 111 43.6 36.2 54.4





#15

Benzyl Alcohol

Concen: 39.43 ng

RT: 6.73 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

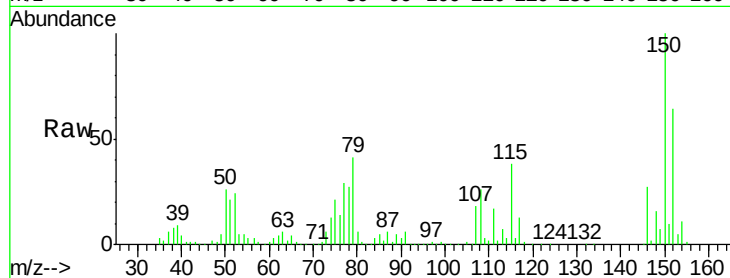
Tgt Ion: 79 Resp: 315796

Ion Ratio Lower Upper

79 100

108 63.3 68.4 102.6#

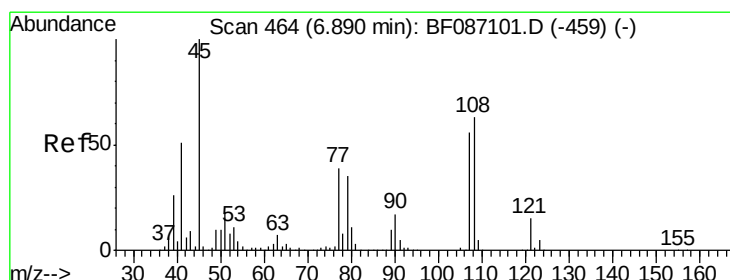
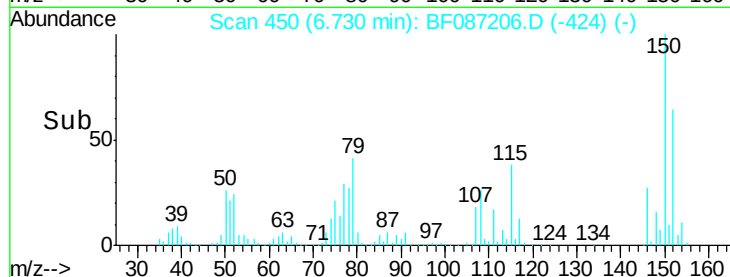
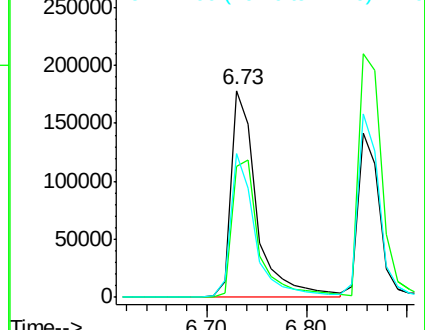
77 69.5 50.6 76.0



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: 37.65 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

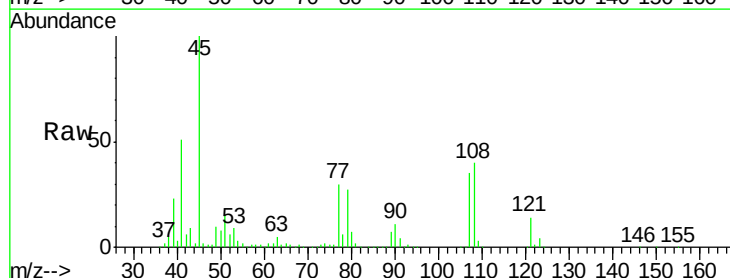
Tgt Ion: 45 Resp: 785847

Ion Ratio Lower Upper

45 100

77 30.3 0.0 36.4

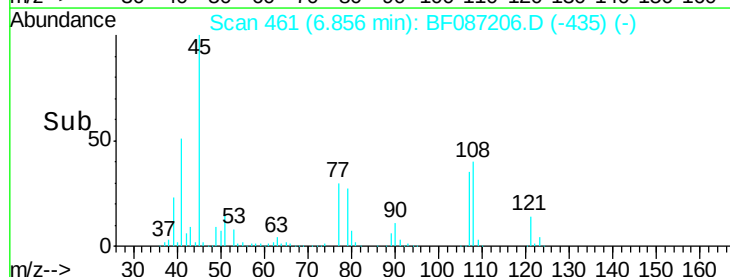
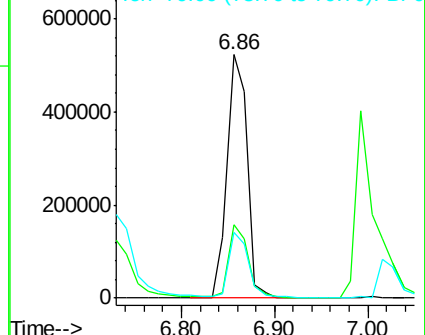
79 27.1 0.0 33.4

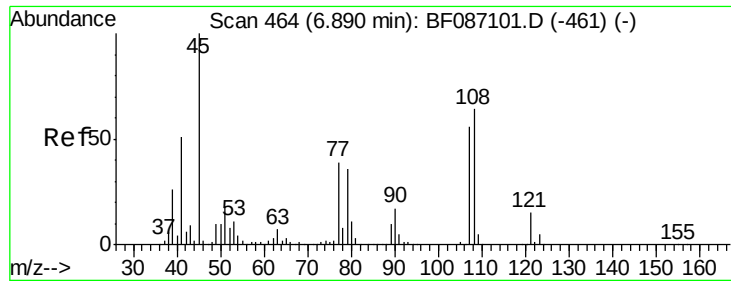


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

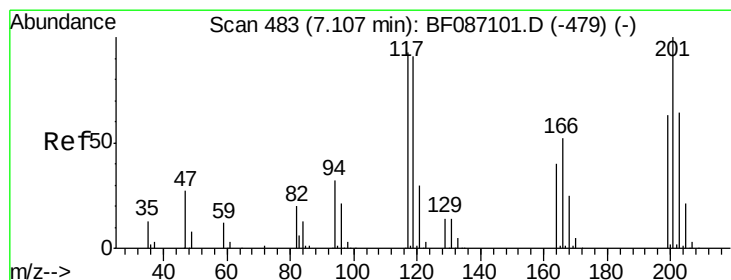
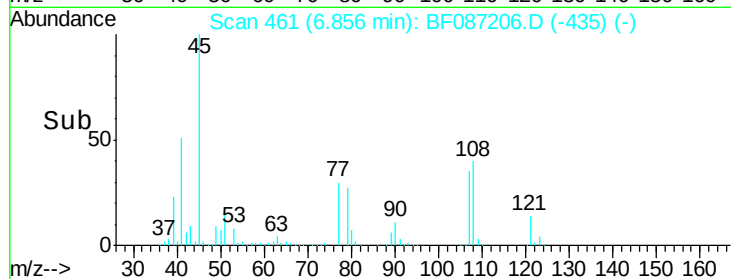
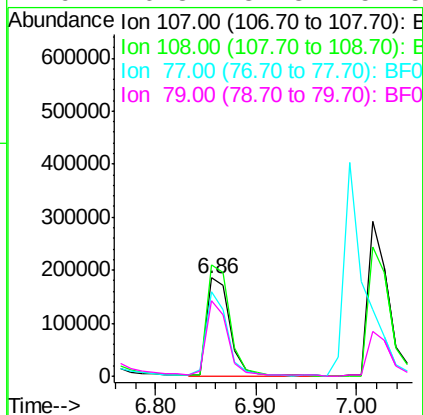
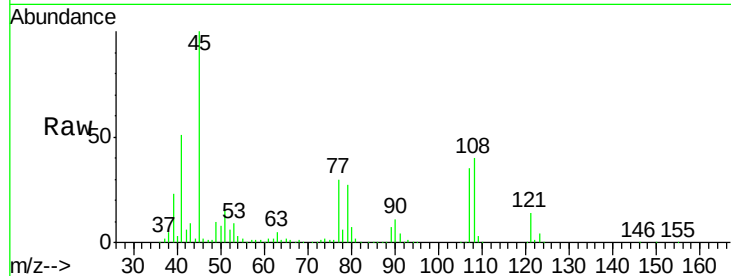




#17
2-Methylphenol
Concen: 36.31 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

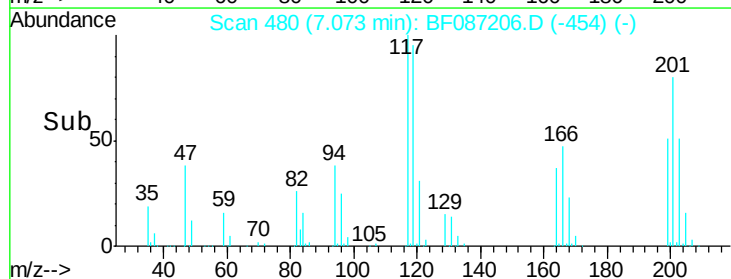
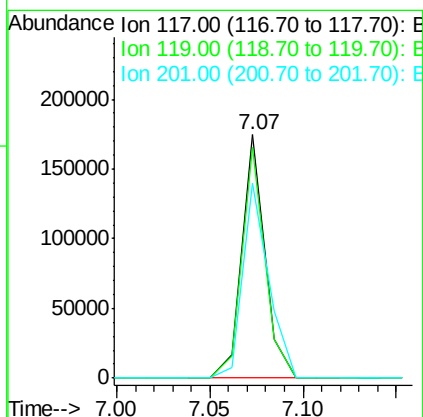
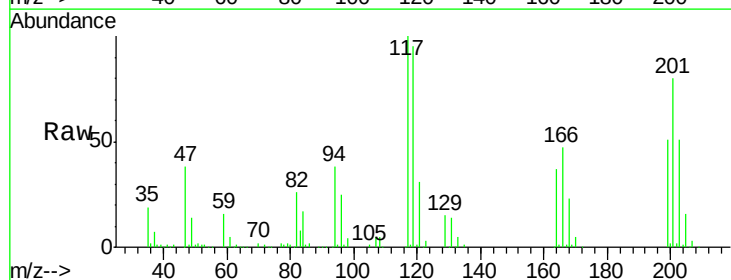
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

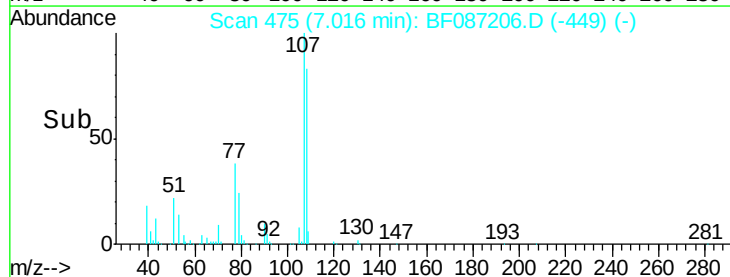
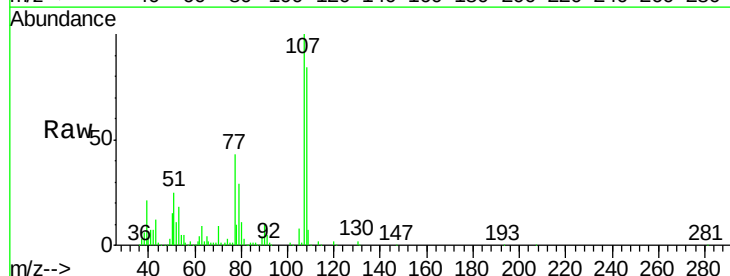
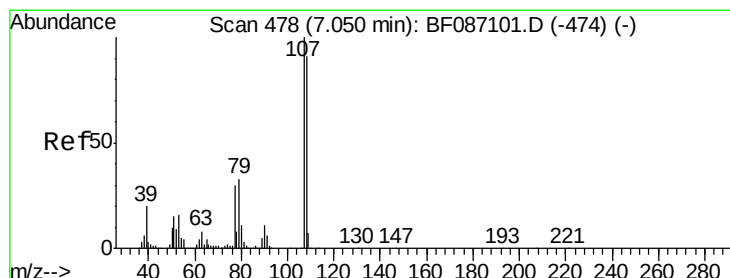
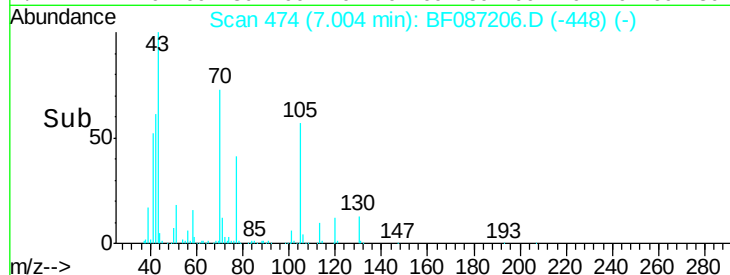
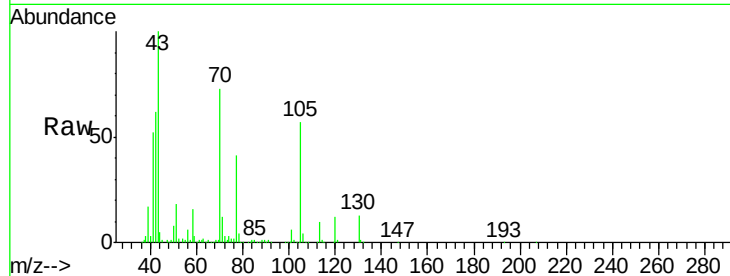
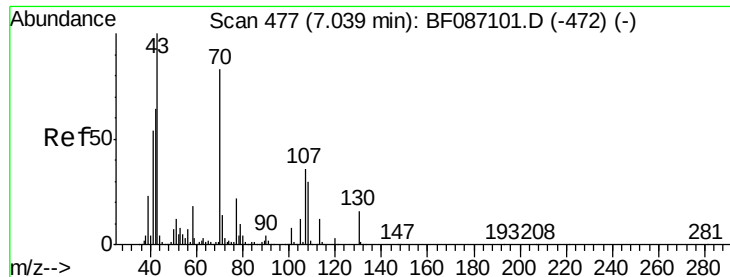
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.7	140.5
77	85.8	33.4	50.0#
79	76.8	34.3	51.5#



#18
Hexachloroethane
Concen: 37.19 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.5	114.7
201	79.9	63.0	94.6

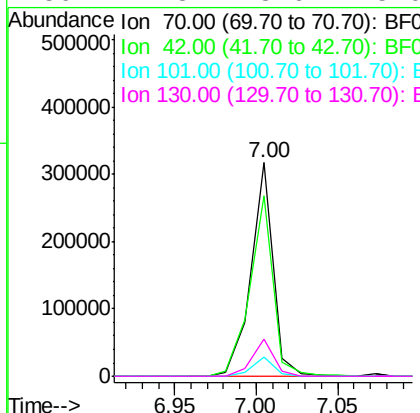




#19
n-Nitroso-di-n-propylamine
Concen: 36.70 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

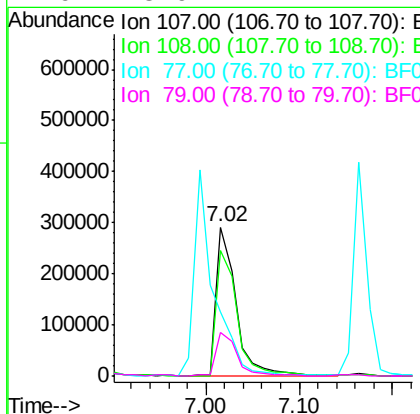
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

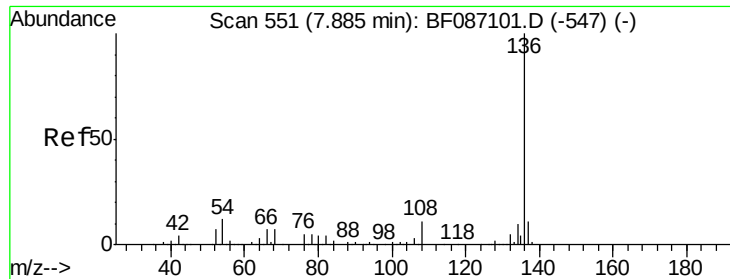
Tgt Ion	Ratio	Lower	Upper
70	100		
42	84.3	43.1	64.7#
101	8.9	8.1	12.1
130	17.3	18.6	28.0#



#20
3+4-Methylphenols
Concen: 39.82 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.0	68.5	108.5
77	43.4	101.6	141.6#
79	28.9	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 556474

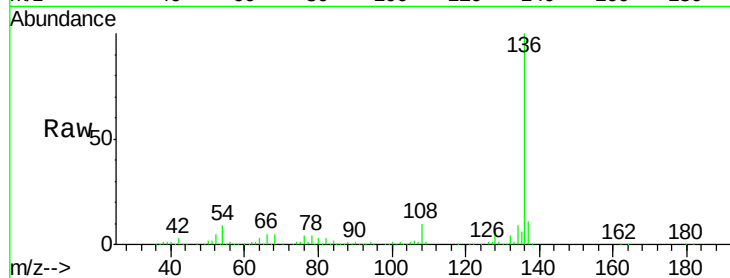
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.6 5.0 7.4#

68 4.8 4.4 6.6

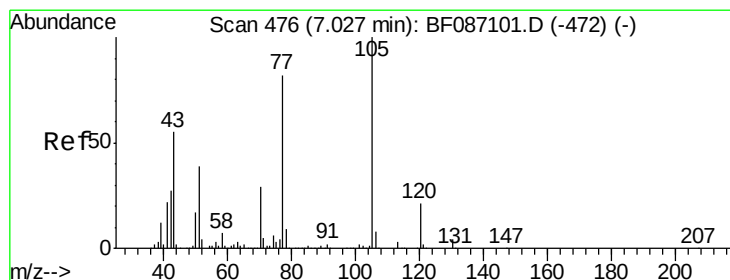
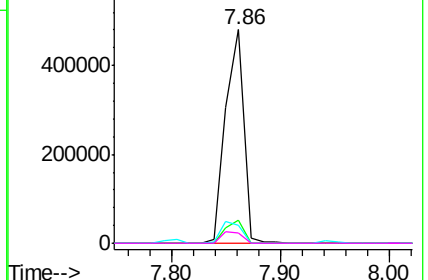
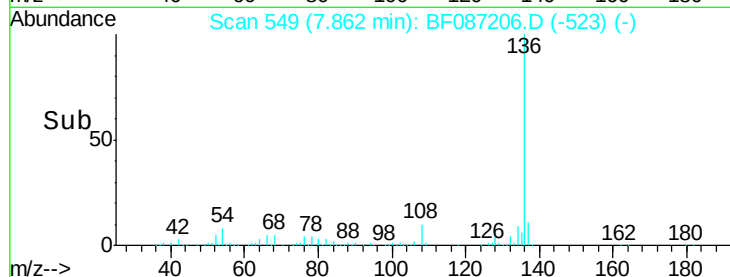


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.06 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt Ion:105 Resp: 545571

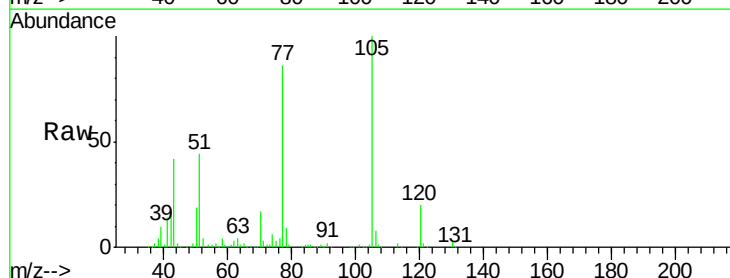
Ion Ratio Lower Upper

105 100

71 3.0 4.8 7.2#

51 44.1 32.6 49.0

120 19.8 16.5 24.7

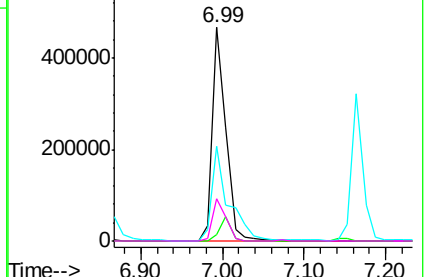
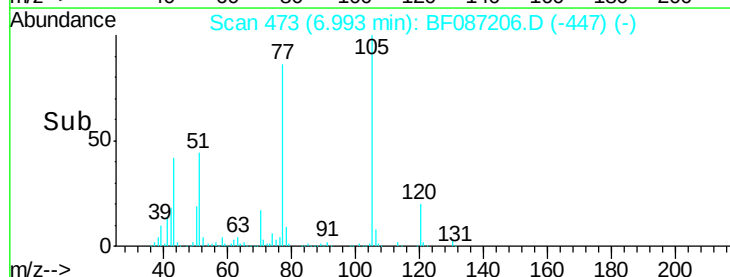


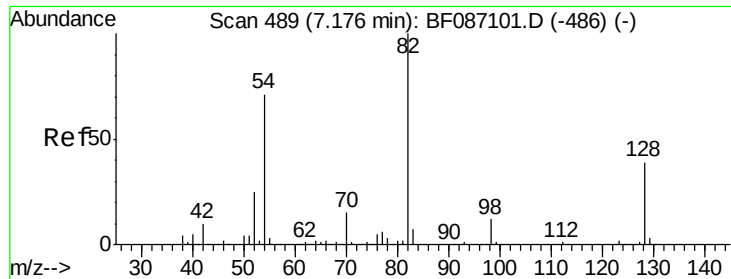
Abundance Ion 105.00 (104.70 to 105.70): E

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

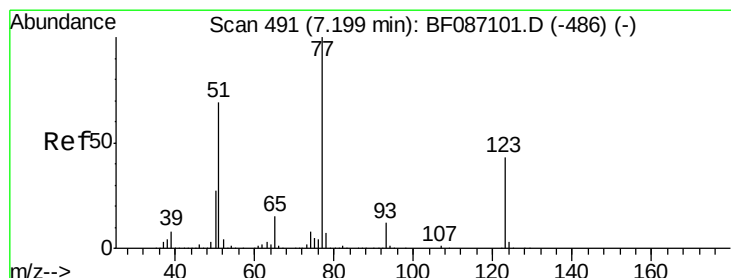
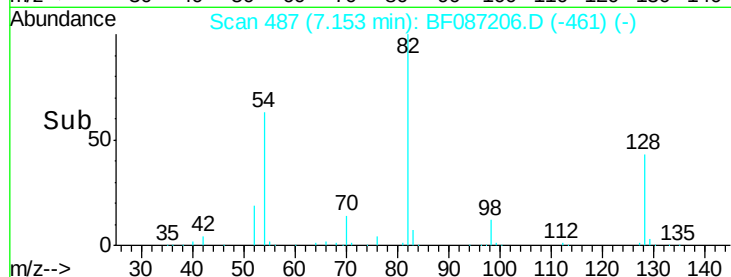
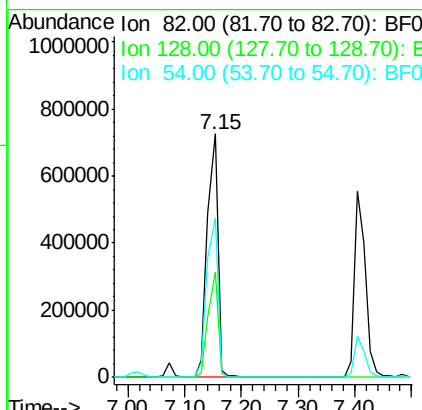
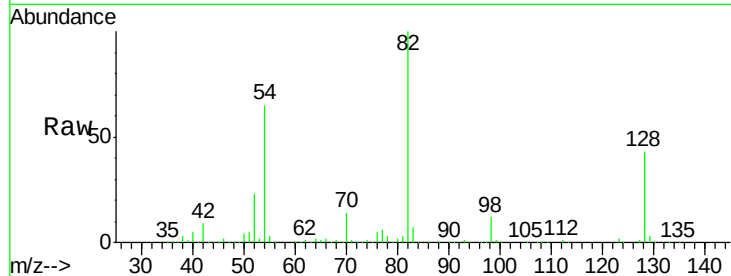




#23
Nitrobenzene-d5
Concen: 80.46 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

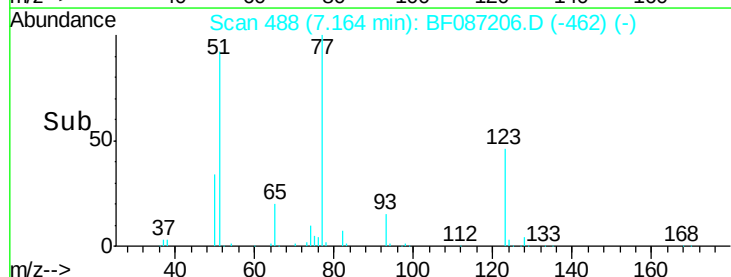
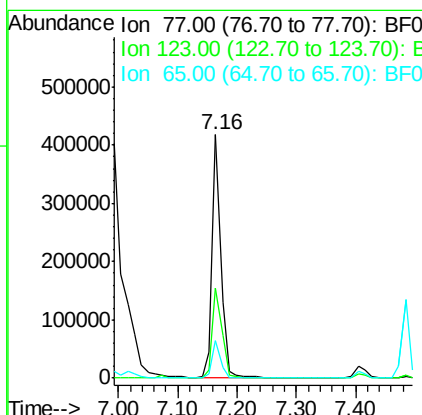
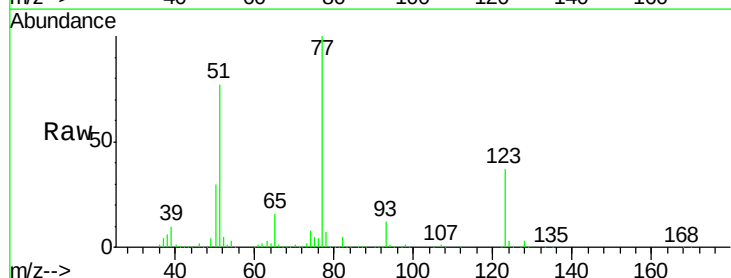
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

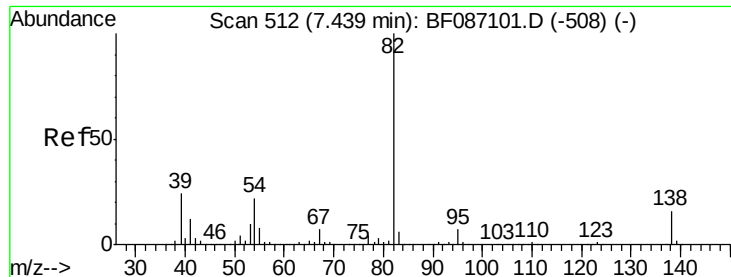
Tgt Ion: 82 Resp: 898412
Ion Ratio Lower Upper
82 100
128 43.2 40.6 61.0
54 65.4 38.1 57.1#



#24
Nitrobenzene
Concen: 35.11 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion: 77 Resp: 428004
Ion Ratio Lower Upper
77 100
123 36.9 33.0 49.4
65 15.7 10.8 16.2





#25

Isophorone

Concen: 37.34 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

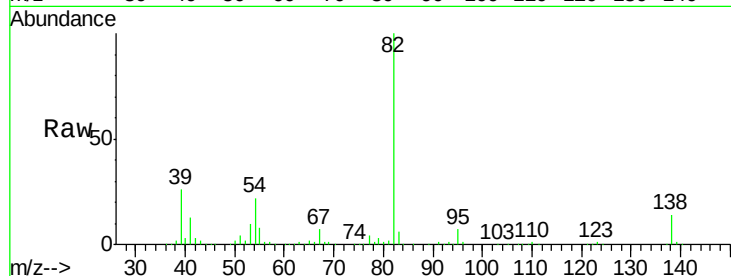
Tgt Ion: 82 Resp: 763211

Ion Ratio Lower Upper

82 100

95 7.2 5.1 7.7

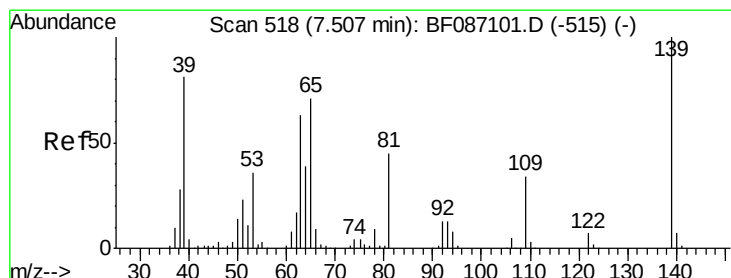
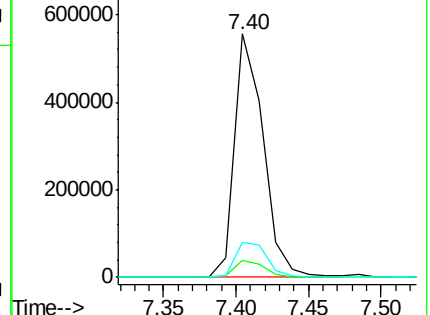
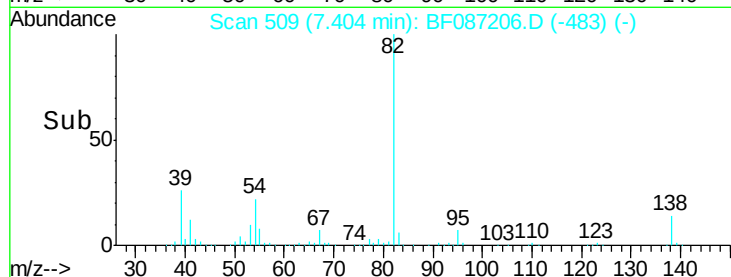
138 14.2 12.4 18.6



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: 39.14 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

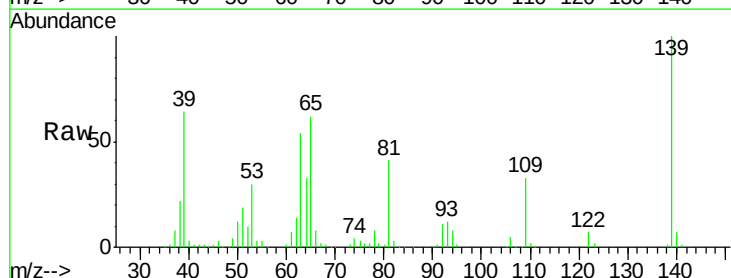
Tgt Ion: 139 Resp: 197664

Ion Ratio Lower Upper

139 100

109 33.3 19.5 29.3#

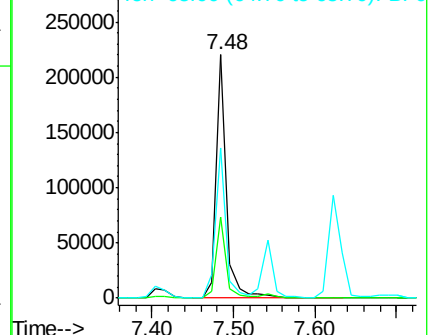
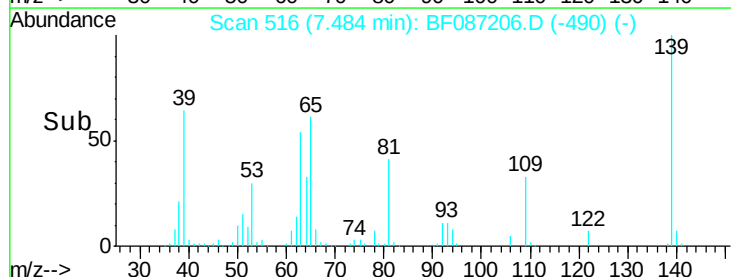
65 61.6 37.5 56.3#

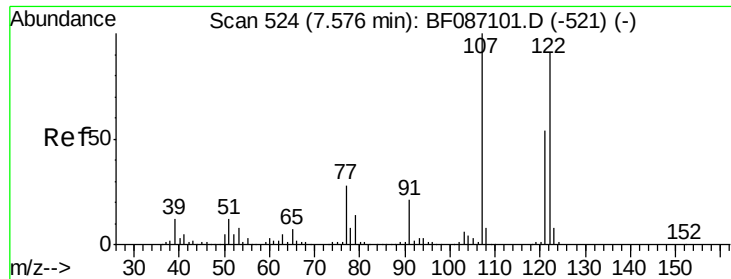


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

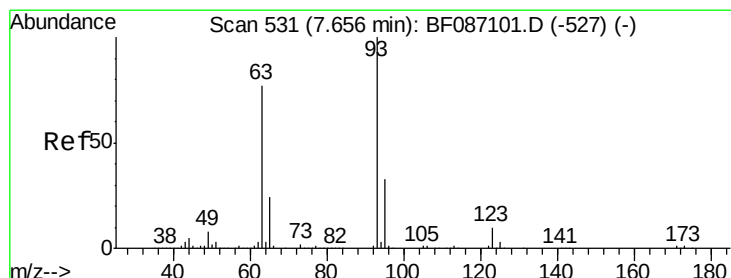
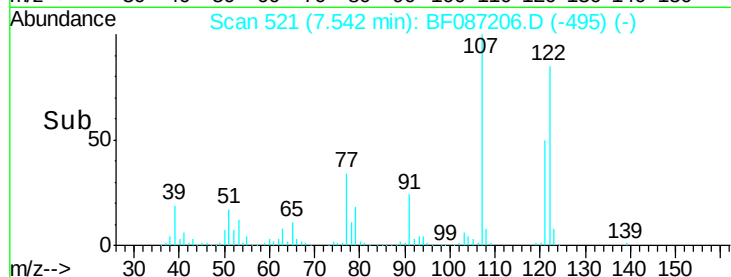
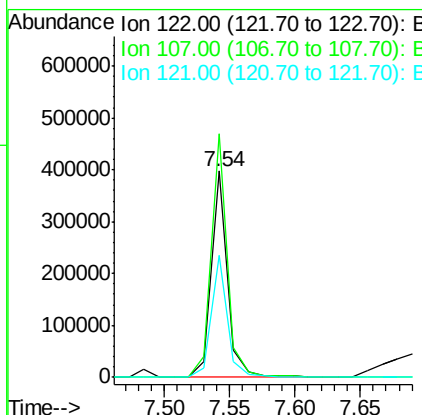
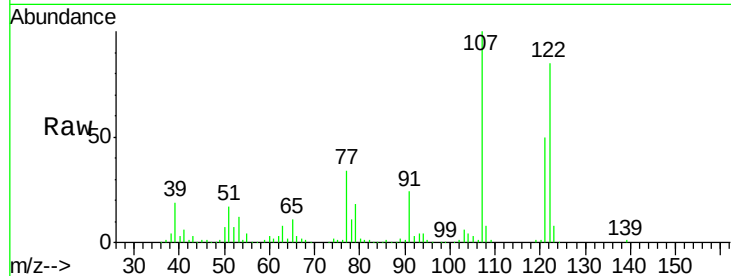




#27
2,4-Dimethylphenol
Concen: 39.97 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

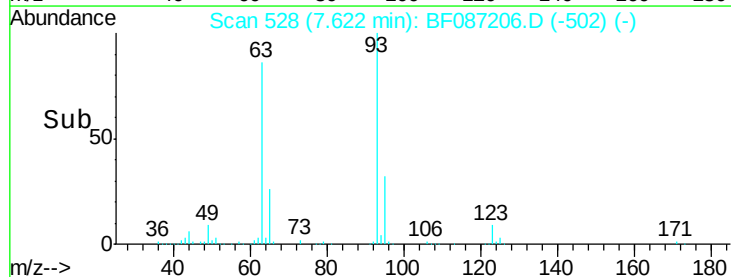
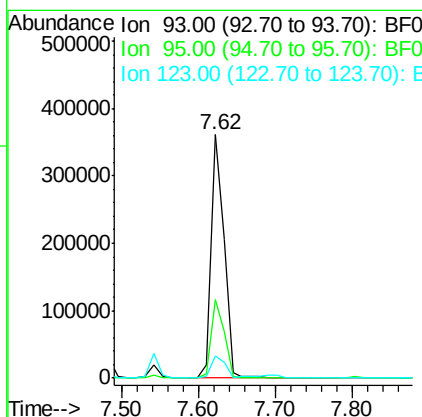
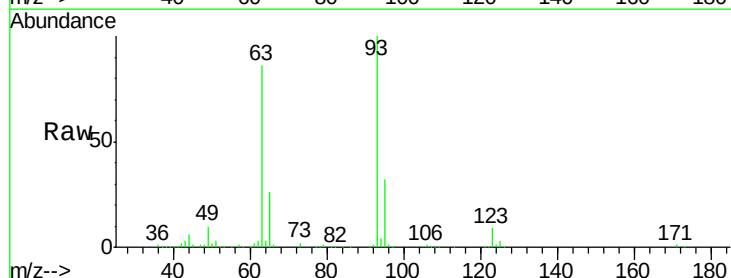
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

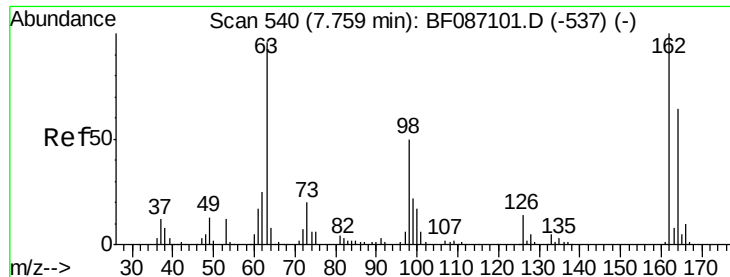
Tgt Ion: 122 Resp: 344495
Ion Ratio Lower Upper
122 100
107 118.2 82.0 123.0
121 59.2 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 37.09 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion: 93 Resp: 416139
Ion Ratio Lower Upper
93 100
95 32.1 26.0 39.0
123 9.0 9.5 14.3#

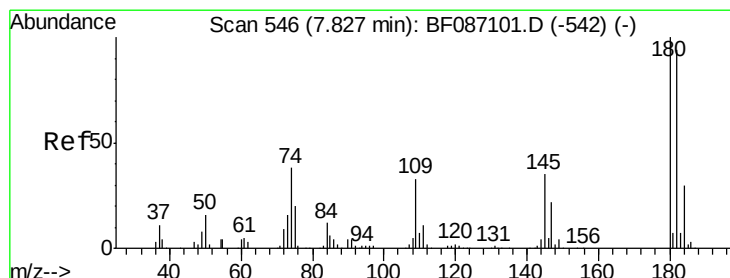
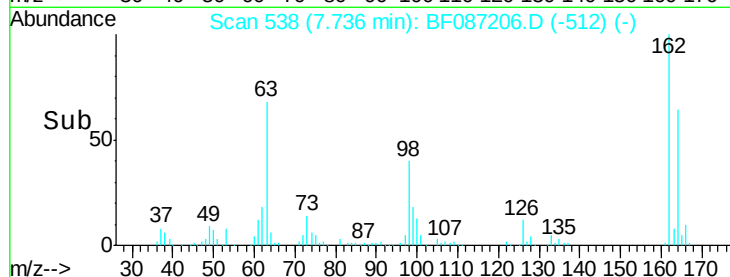
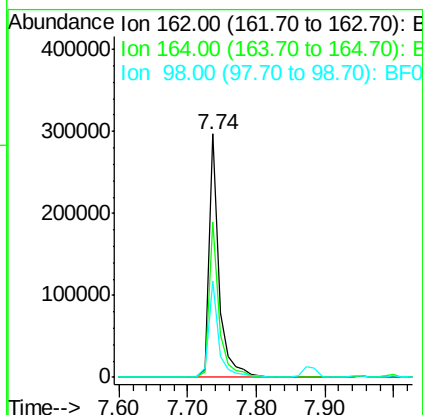
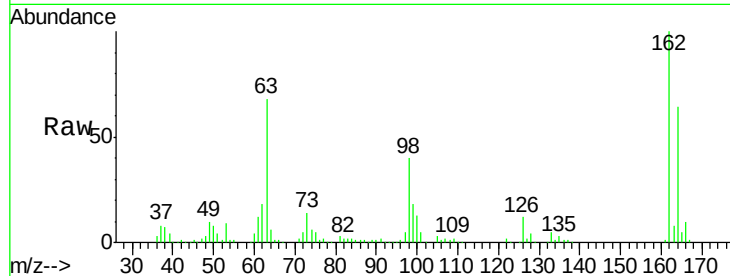




#29
 2,4-Dichlorophenol
 Concen: 40.16 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

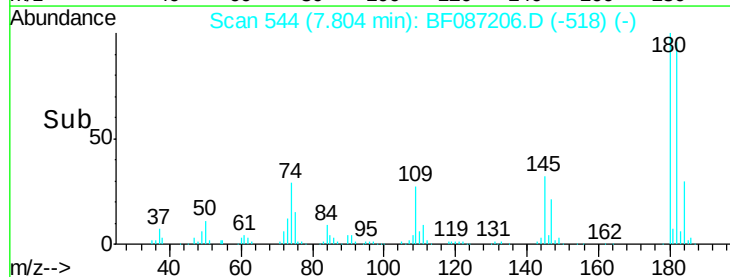
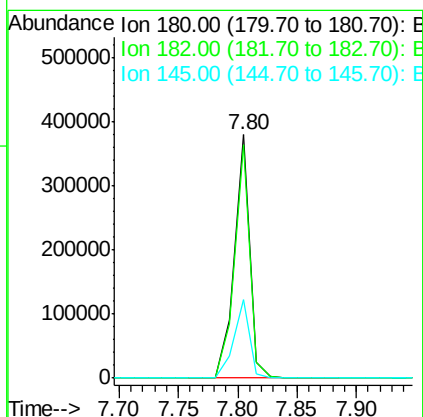
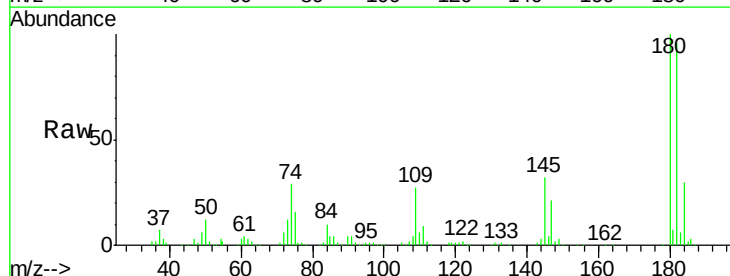
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

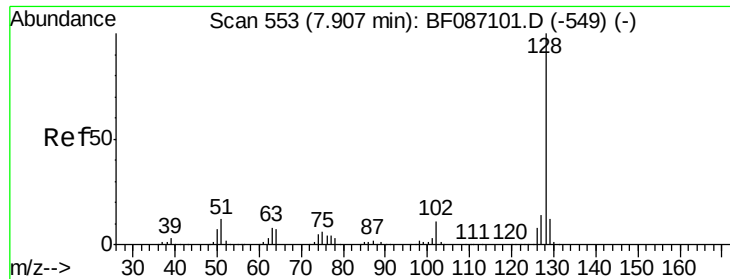
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.2	82.2
98	39.6	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 40.72 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.0	117.0
145	32.3	24.2	36.2

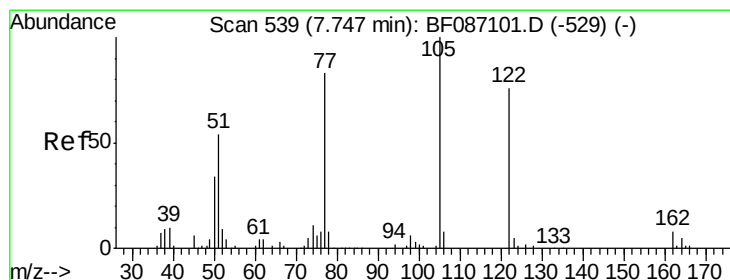
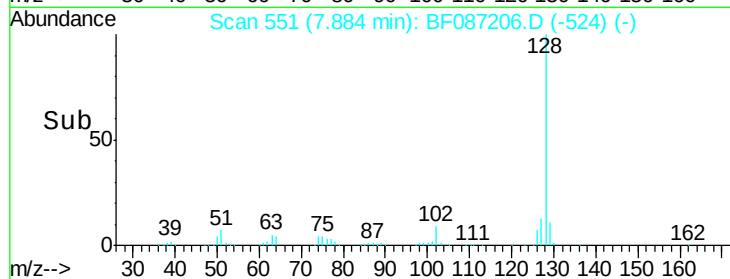
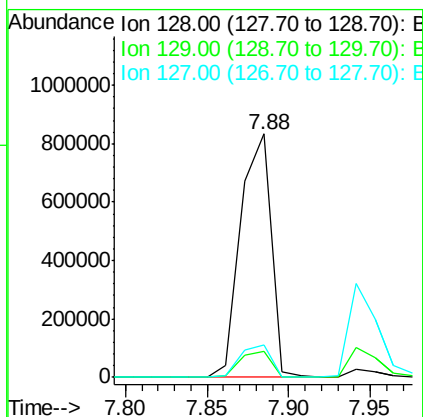
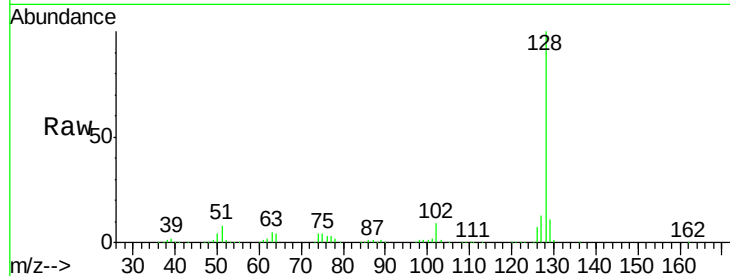




#31
Naphthalene
Concen: 39.78 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

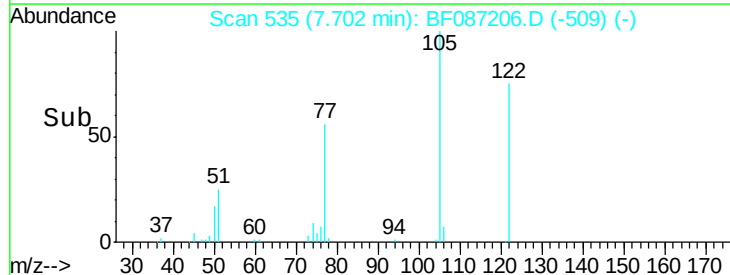
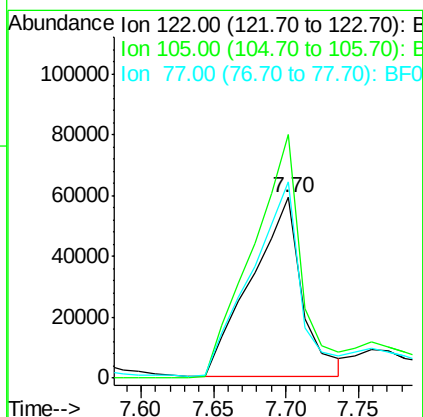
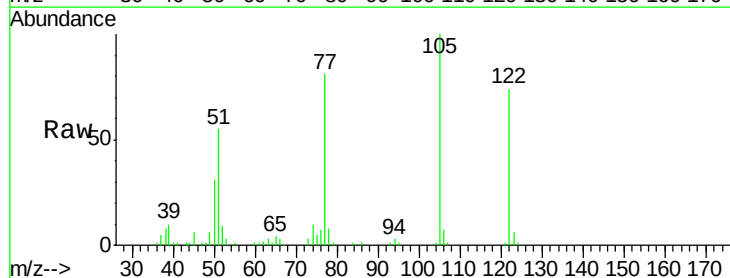
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

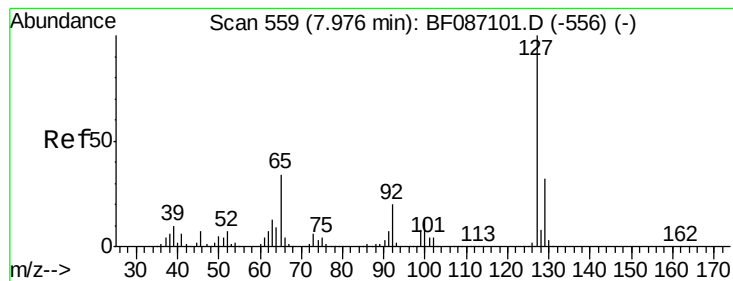
Tgt Ion:128 Resp: 1081738
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 27.71 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion:122 Resp: 142327
Ion Ratio Lower Upper
122 100
105 134.9 92.6 132.6#
77 109.1 60.0 100.0#





#33

4-Chloroaniline

Concen: 37.18 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 420135

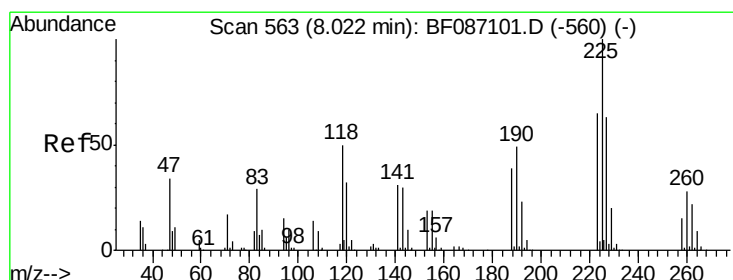
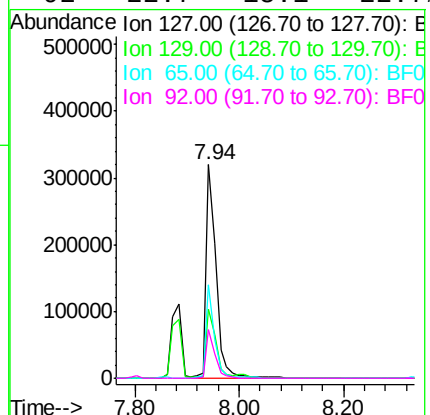
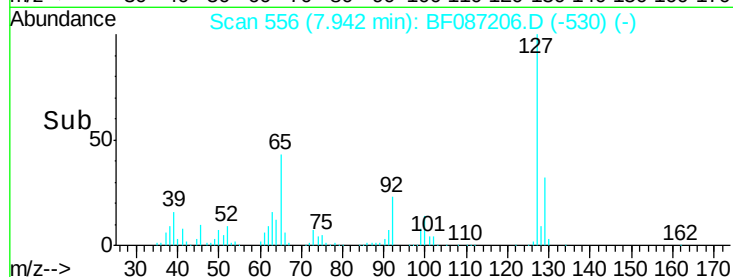
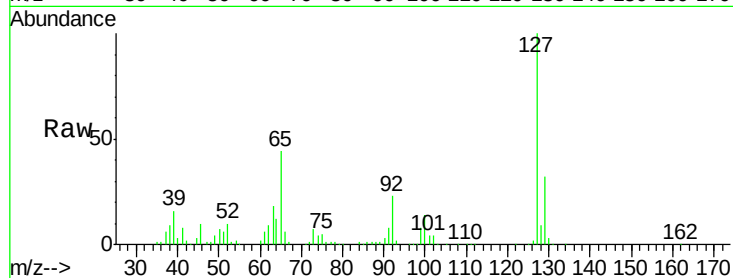
Ion Ratio Lower Upper

127 100

129 32.4 26.2 39.4

65 43.8 23.0 34.4#

92 22.7 15.1 22.7#



#34

Hexachlorobutadiene

Concen: 41.73 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

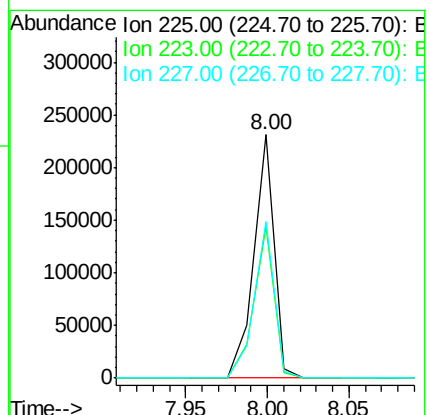
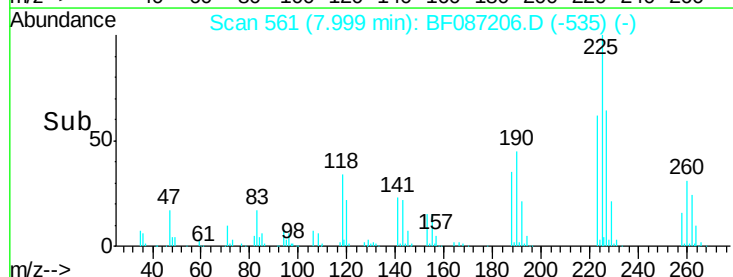
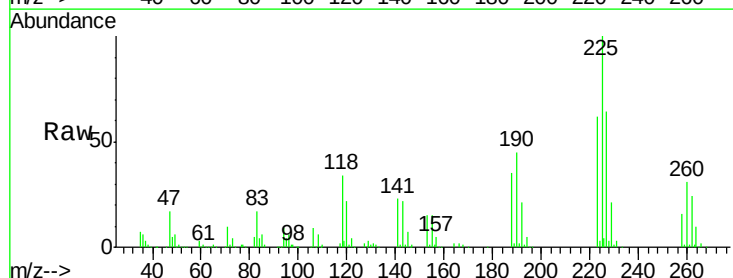
Tgt Ion:225 Resp: 199586

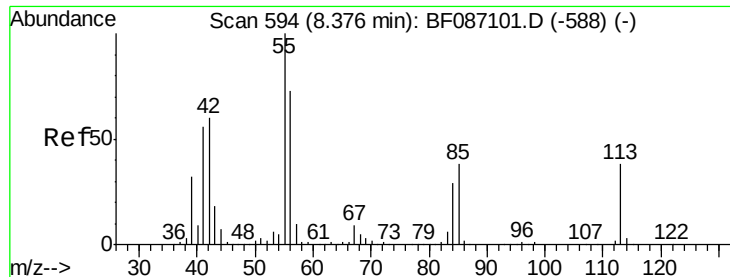
Ion Ratio Lower Upper

225 100

223 62.3 51.5 77.3

227 64.2 52.2 78.2

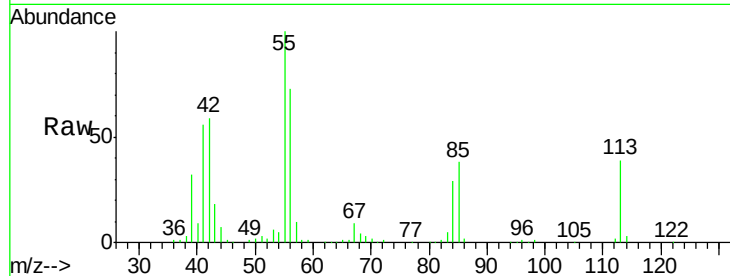




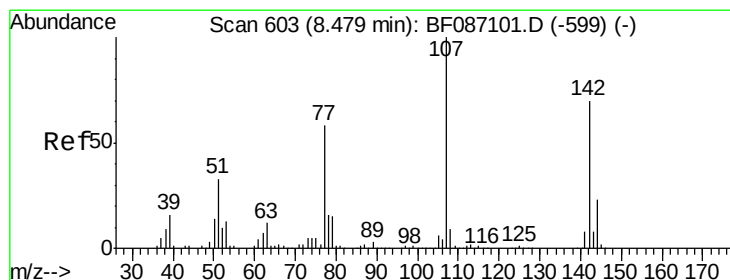
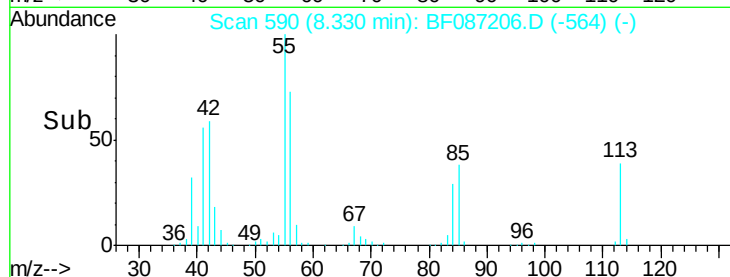
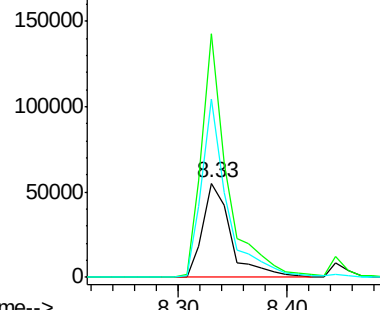
#35
 Caprolactam
 Concen: 39.02 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 98666
 Ion Ratio Lower Upper
 113 100
 55 258.9 162.0 202.0#
 56 190.1 115.3 155.3#

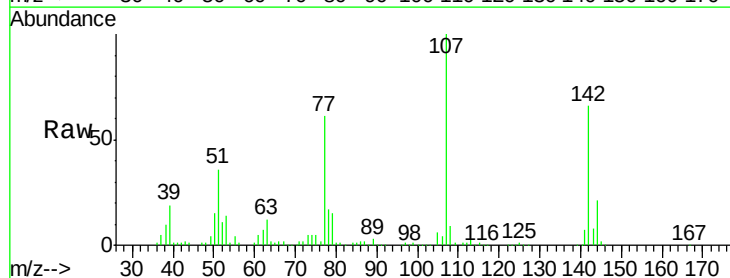


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

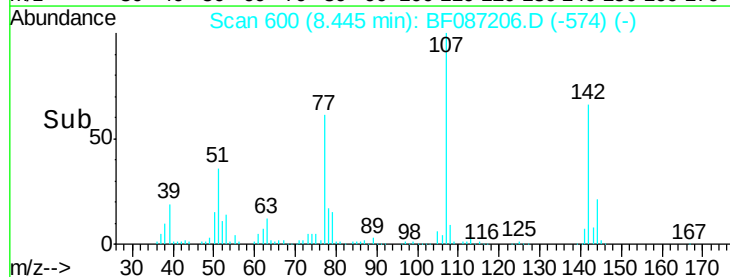
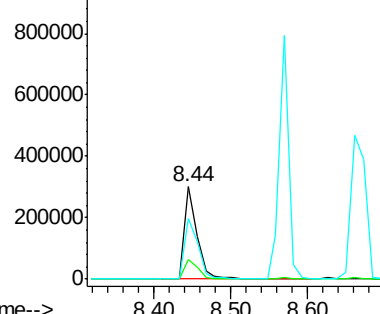


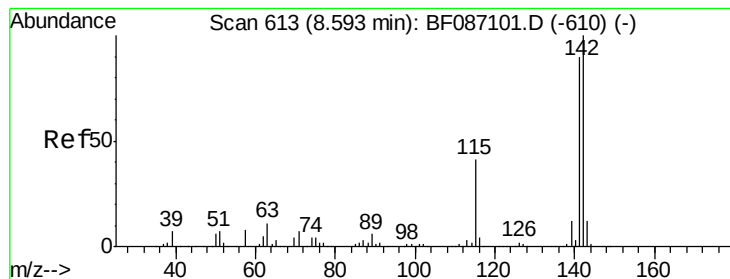
#36
 4-Chloro-3-methylphenol
 Concen: 36.83 ng
 RT: 8.44 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion:107 Resp: 337431
 Ion Ratio Lower Upper
 107 100
 144 20.7 20.7 31.1#
 142 65.6 63.2 94.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.17 ng

RT: 8.57 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

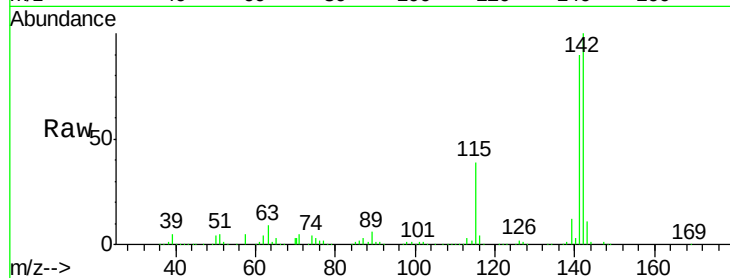
Tgt Ion:142 Resp: 681313

Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.6

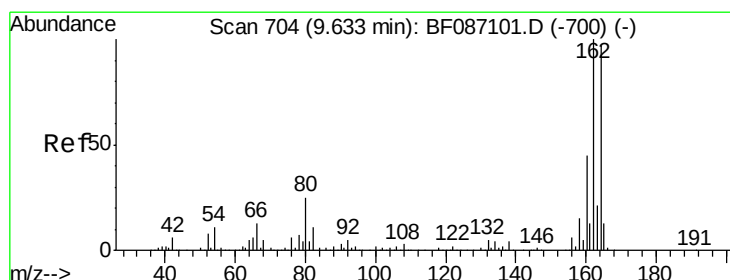
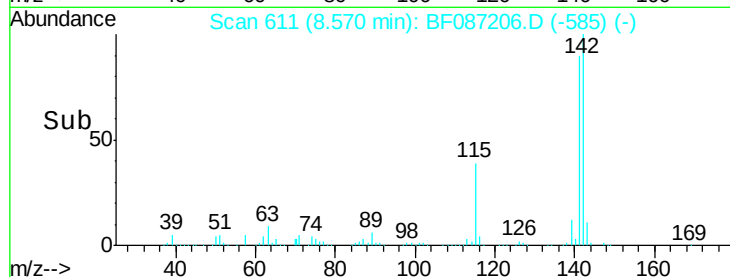
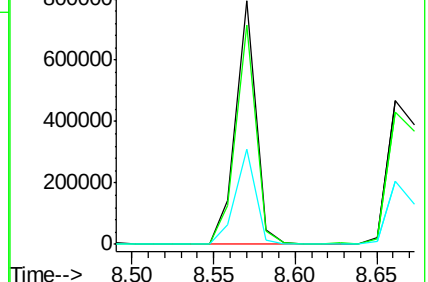
115 39.2 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

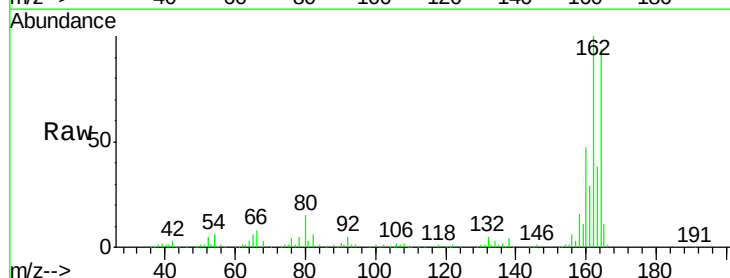
Tgt Ion:164 Resp: 258489

Ion Ratio Lower Upper

164 100

162 106.7 82.8 124.2

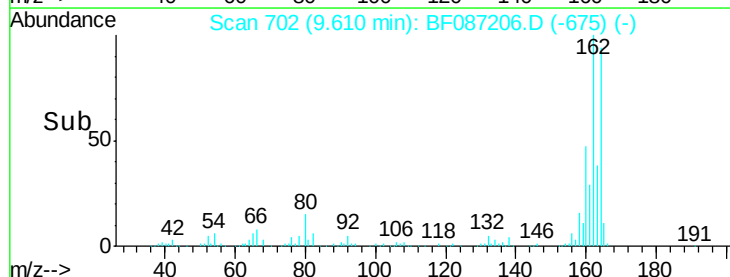
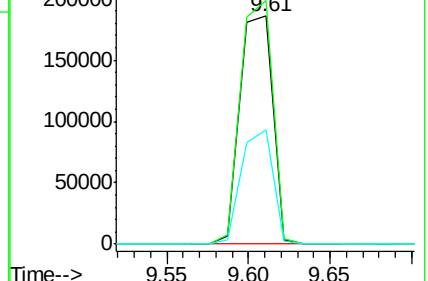
160 49.9 36.9 55.3

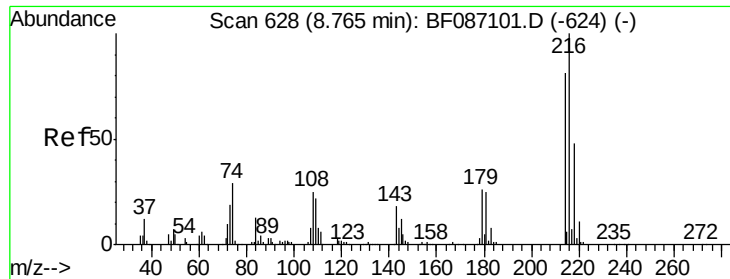


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.49 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 305728

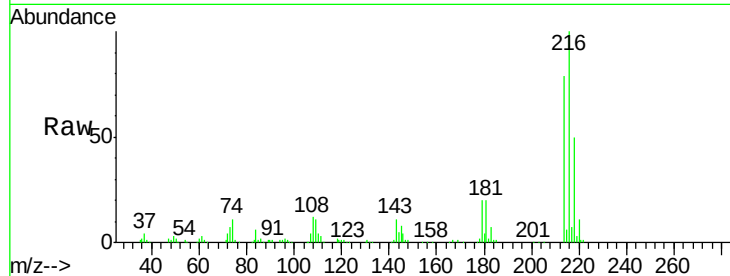
Ion Ratio Lower Upper

216 100

214 80.3 62.6 93.8

179 23.1 18.2 27.4

108 20.8 17.5 26.3

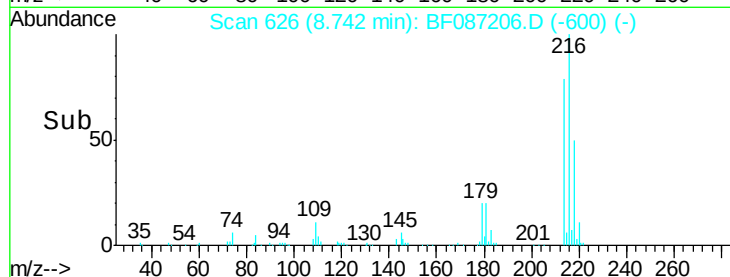


Abundance Ion 216.00 (215.70 to 216.70): E

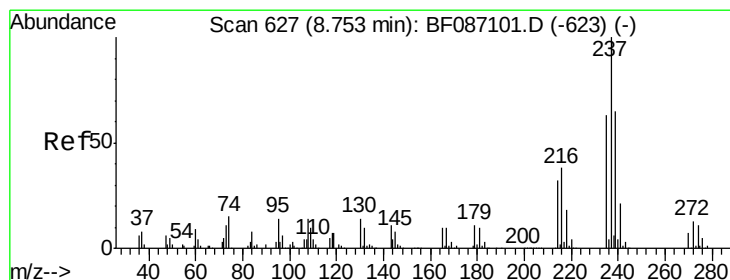
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 19.86 ng

RT: 8.72 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

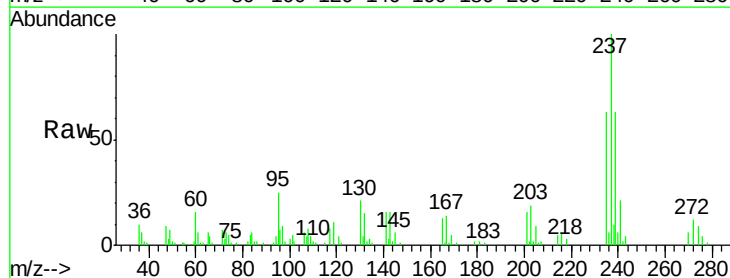
Tgt Ion:237 Resp: 38817

Ion Ratio Lower Upper

237 100

235 63.4 47.2 87.2

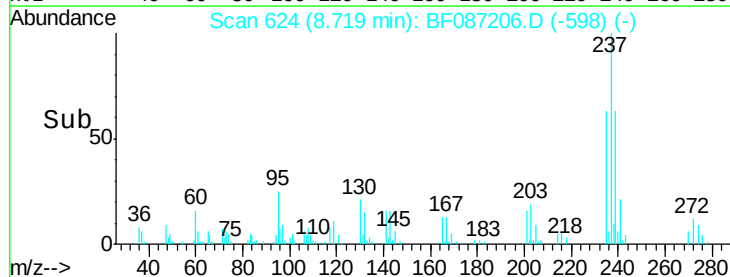
272 12.2 0.0 31.1



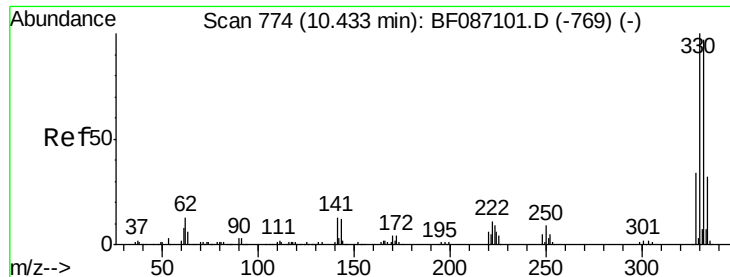
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



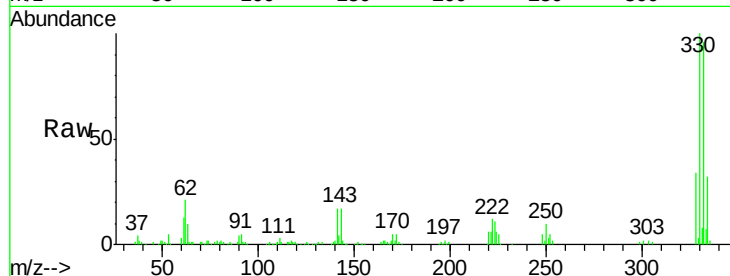
Time-->



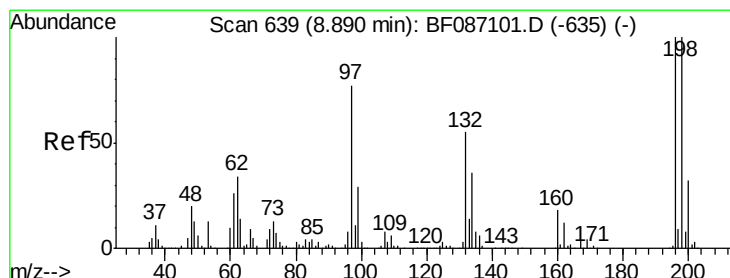
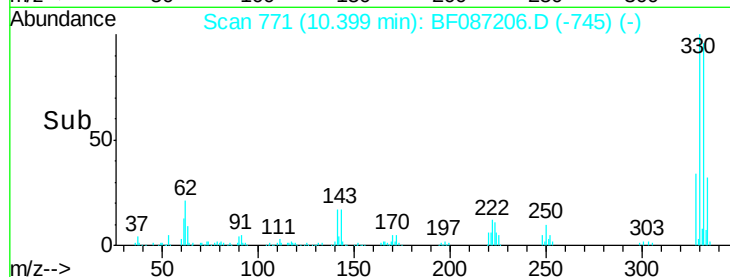
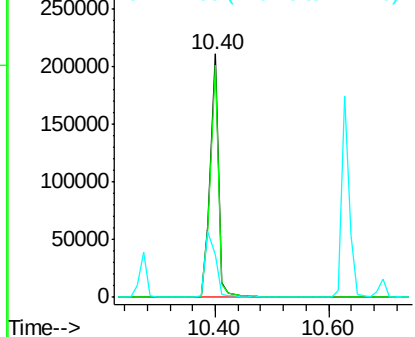
#41
 2,4,6-Tribromophenol
 Concen: 72.38 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 206752
 Ion Ratio Lower Upper
 330 100
 332 95.4 79.0 118.4
 141 33.4 31.2 46.8

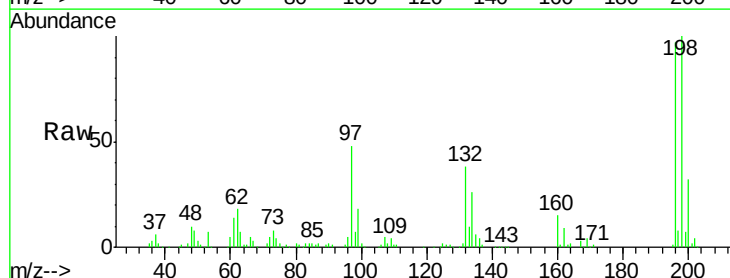


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

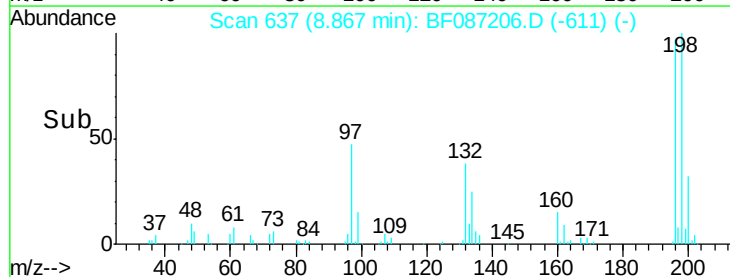
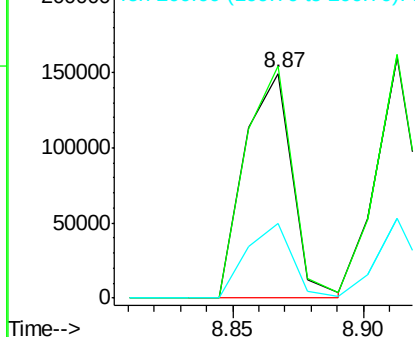


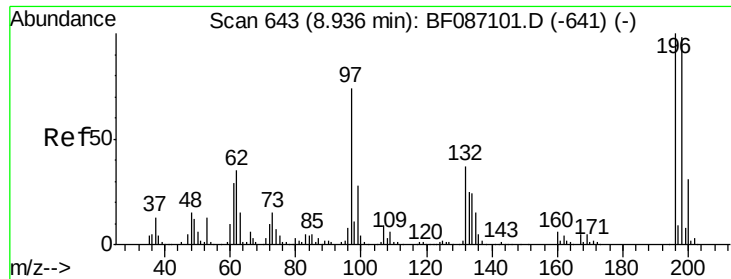
#42
 2,4,6-Trichlorophenol
 Concen: 38.99 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion:196 Resp: 190879
 Ion Ratio Lower Upper
 196 100
 198 103.5 74.7 112.1
 200 33.0 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

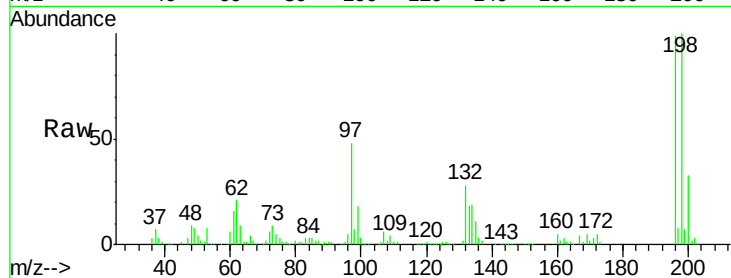




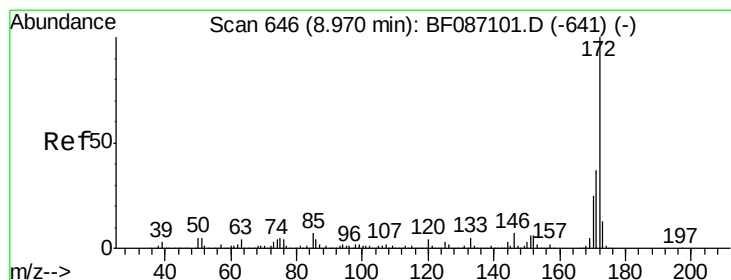
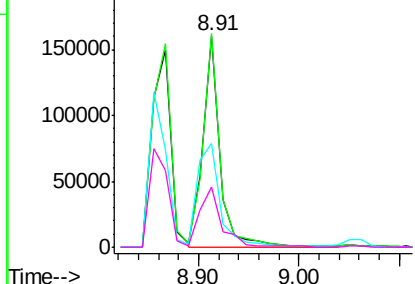
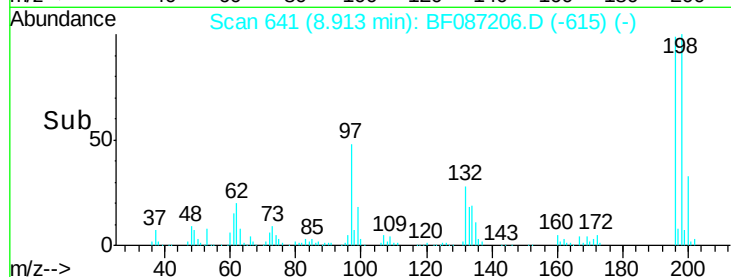
#43
 2,4,5-Trichlorophenol
 Concen: 37.73 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	196	Resp:	191922
Ion	Ratio	Lower	Upper
196	100		
198	101.0	77.5	116.3
97	48.8	34.8	52.2
132	28.2	23.0	34.4

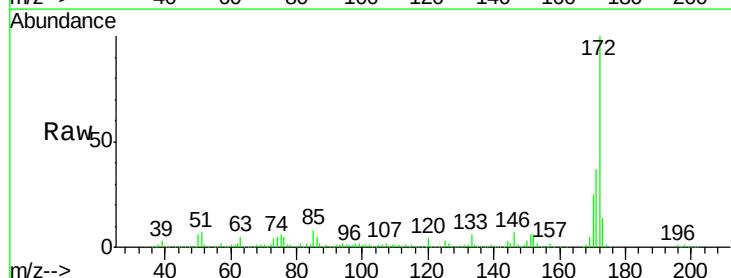


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

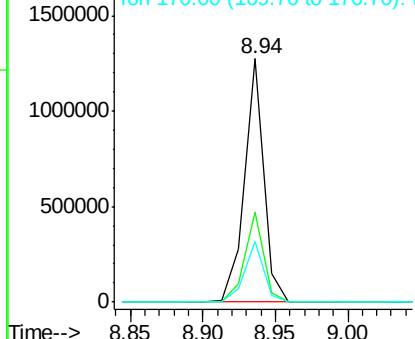
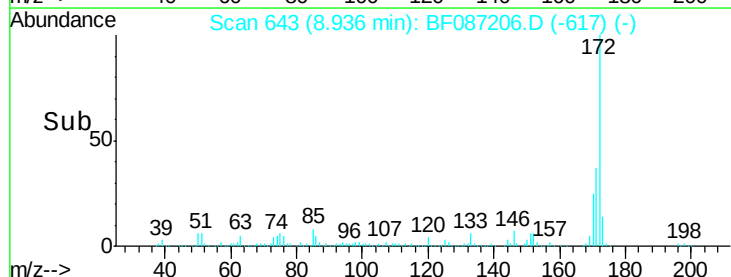


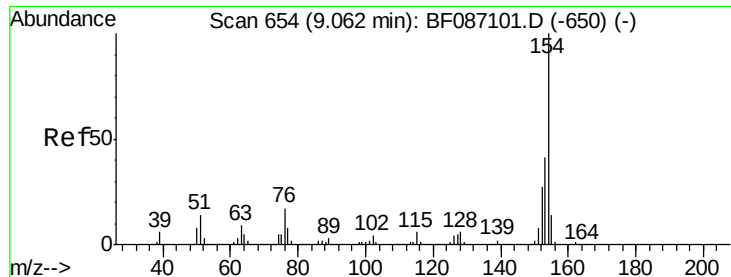
#44
 2-Fluorobiphenyl
 Concen: 75.46 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion:	172	Resp:	1177725
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.7	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

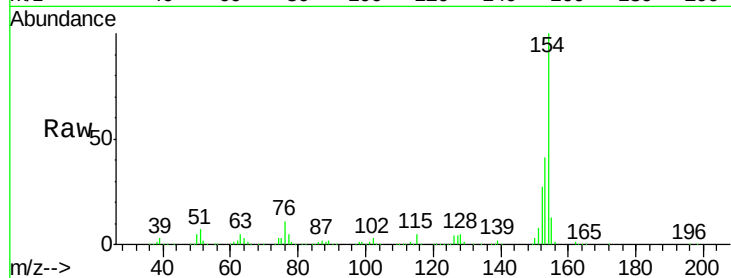




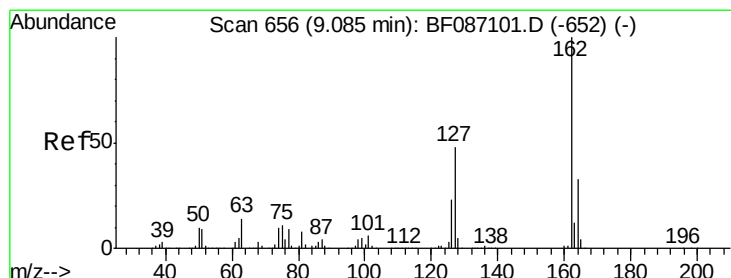
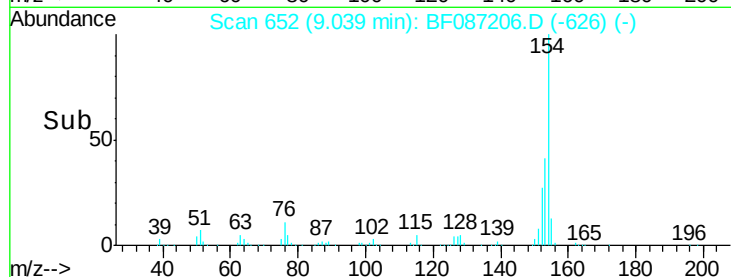
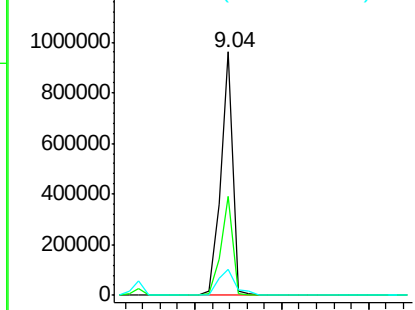
#45
 1,1'-Biphenyl
 Concen: 43.69 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 936457
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.3 60.3
 76 10.8 0.0 30.2

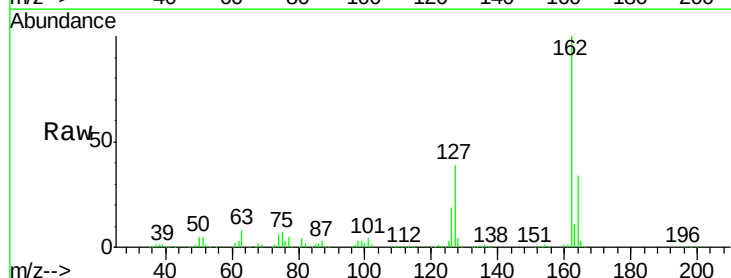


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

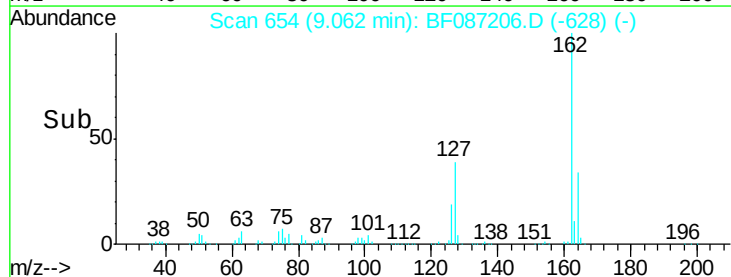
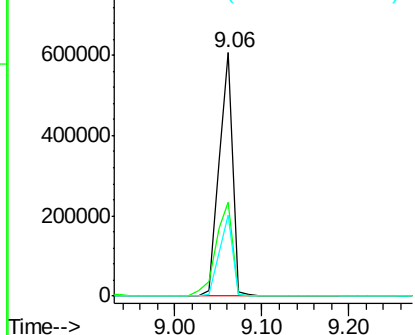


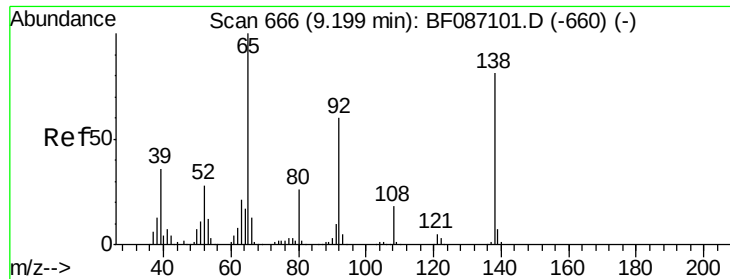
#46
 2-Chloronaphthalene
 Concen: 40.76 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion:162 Resp: 670745
 Ion Ratio Lower Upper
 162 100
 127 38.8 31.8 47.6
 164 33.5 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

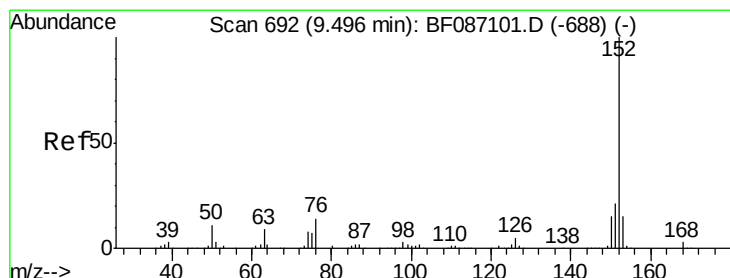
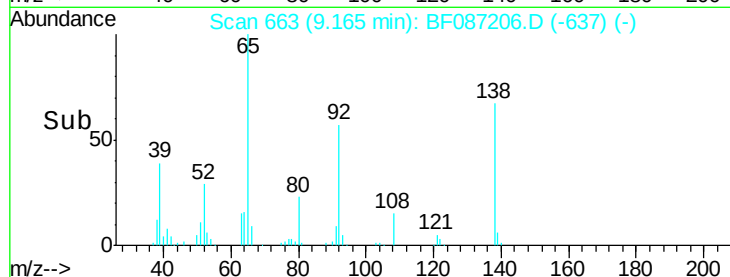
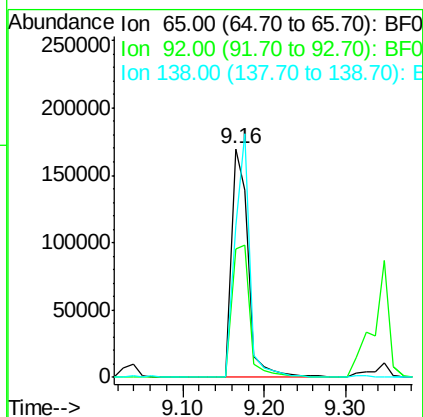
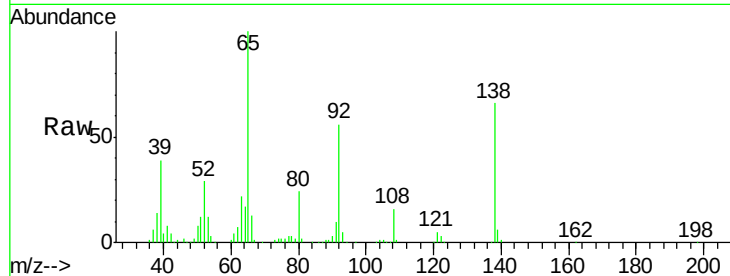




#47
2-Nitroaniline
Concen: 37.74 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

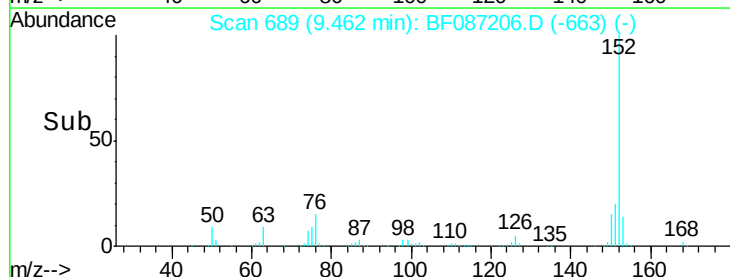
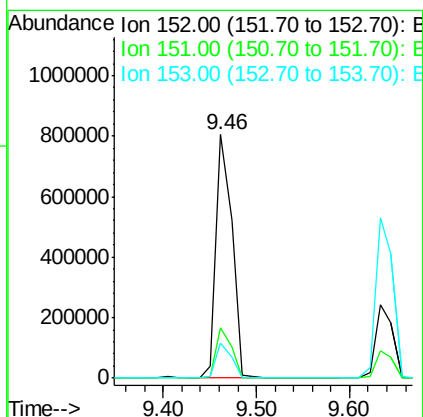
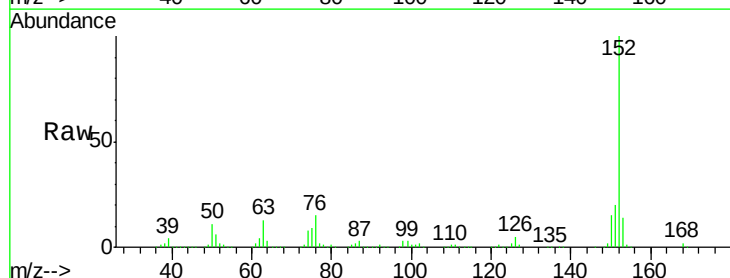
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

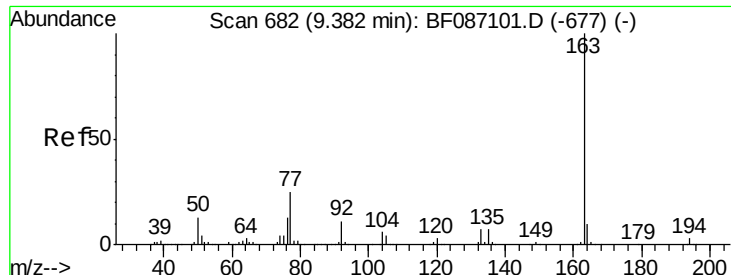
Tgt Ion: 65 Resp: 237985
Ion Ratio Lower Upper
65 100
92 56.4 57.4 86.2#
138 66.4 90.1 135.1#



#48
Acenaphthylene
Concen: 37.88 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion: 152 Resp: 951657
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 14.5 10.9 16.3





#49

Dimethylphthalate

Concen: 38.91 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

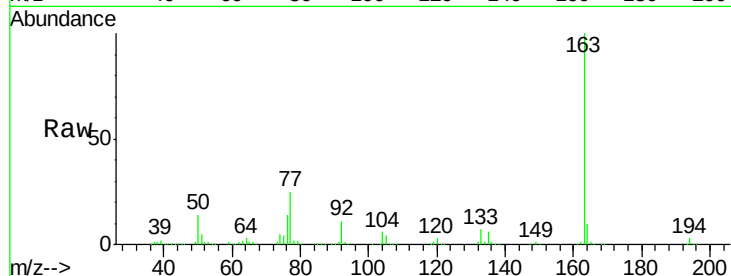
Tgt Ion:163 Resp: 767296

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

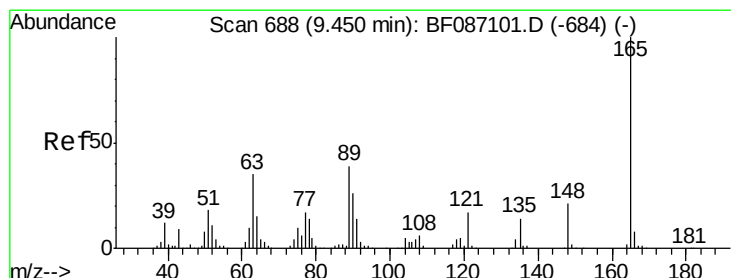
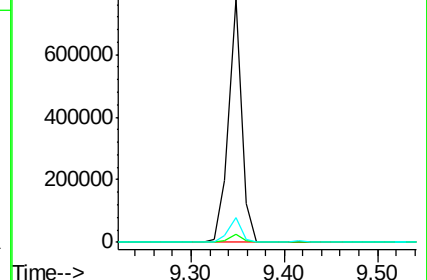
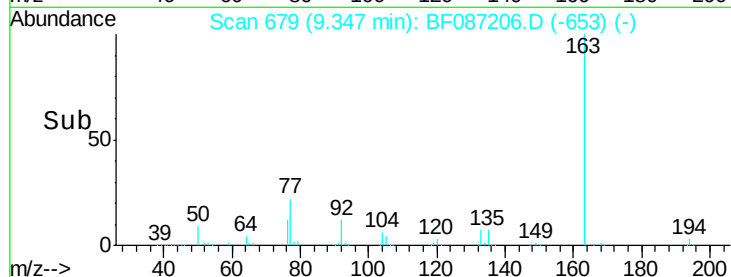
164 10.2 8.2 12.4



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: 42.42 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

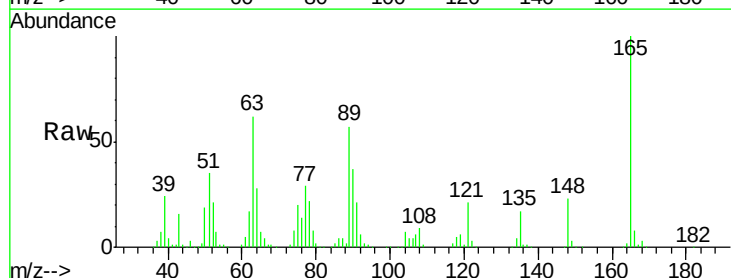
Tgt Ion:165 Resp: 181637

Ion Ratio Lower Upper

165 100

63 62.4 51.8 77.8

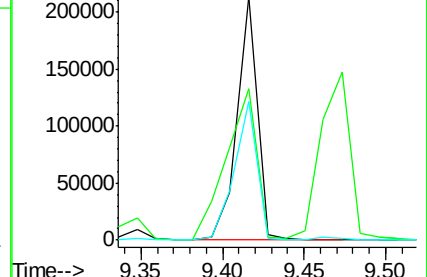
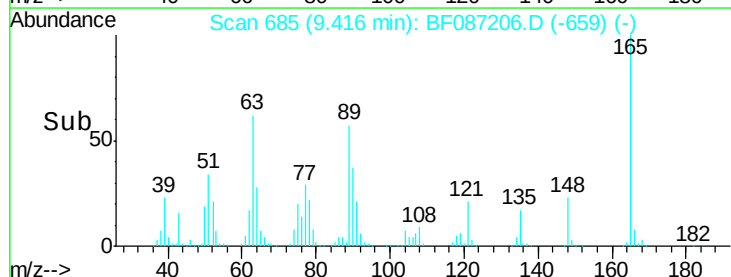
89 57.0 50.7 76.1

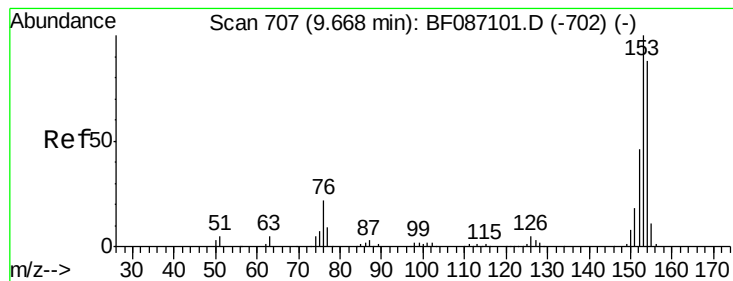


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.84 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

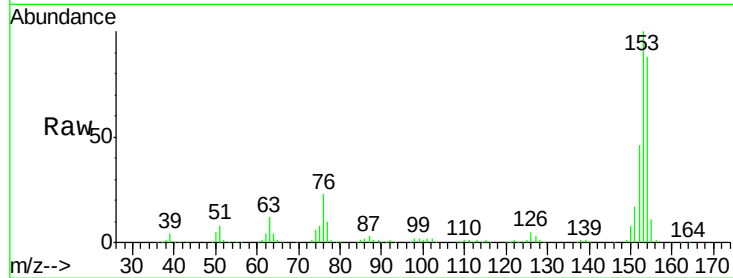
Tgt Ion:154 Resp: 593909

Ion Ratio Lower Upper

154 100

153 113.6 89.8 134.6

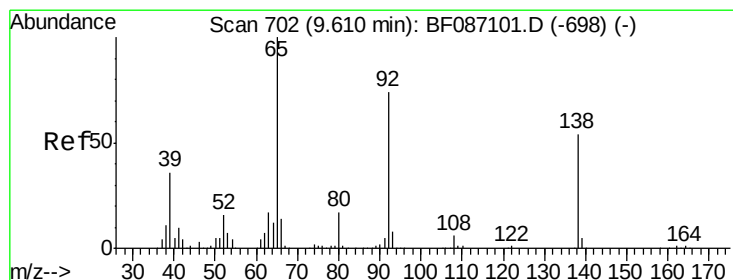
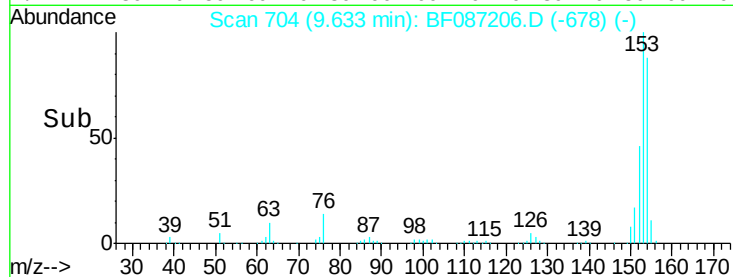
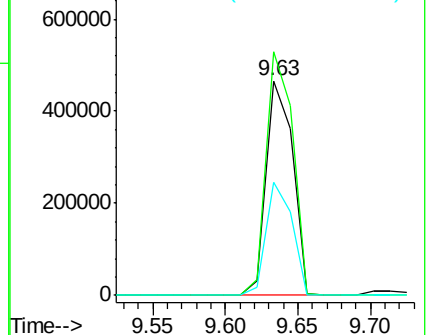
152 52.5 43.4 65.0



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: 42.38 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

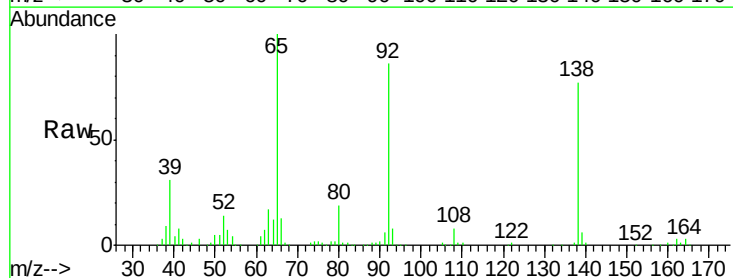
Tgt Ion:138 Resp: 196435

Ion Ratio Lower Upper

138 100

108 10.0 7.8 11.6

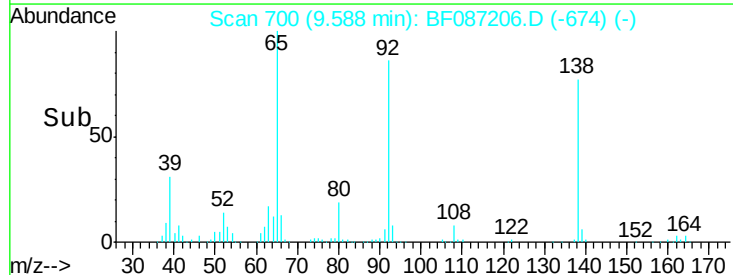
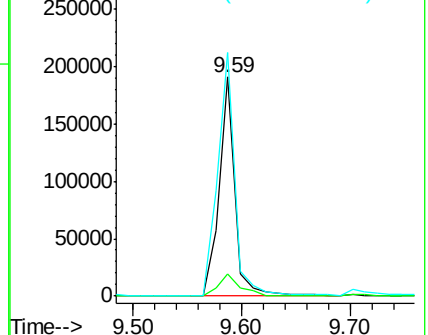
92 111.3 87.8 131.8

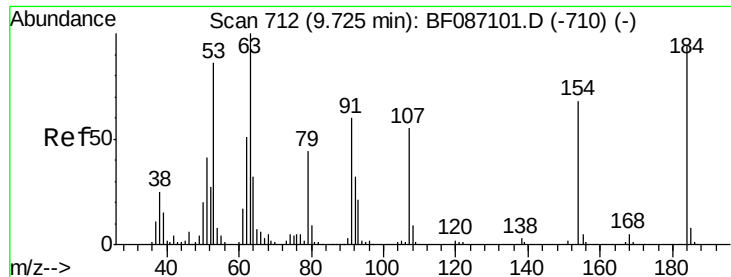


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

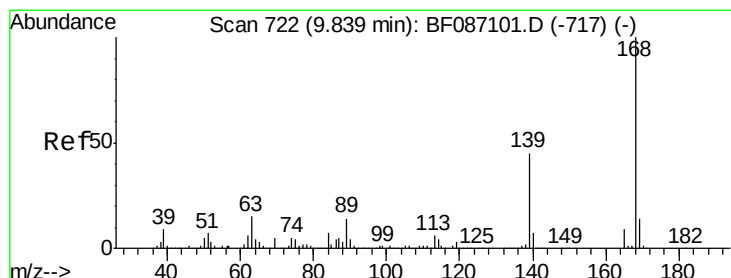
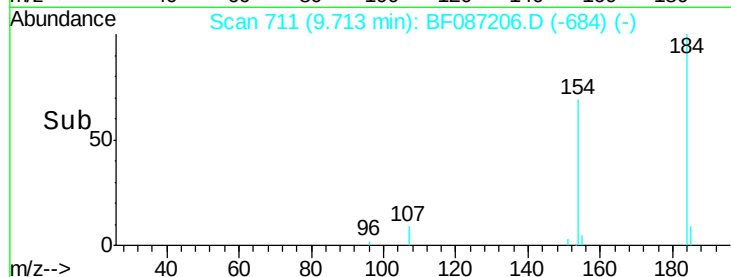
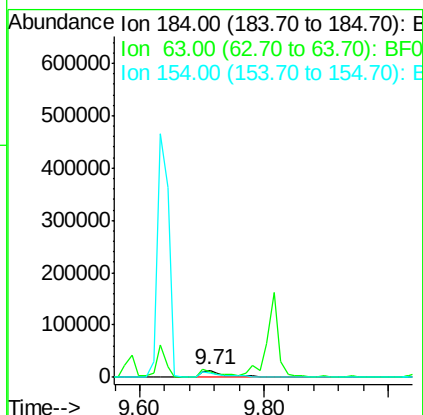
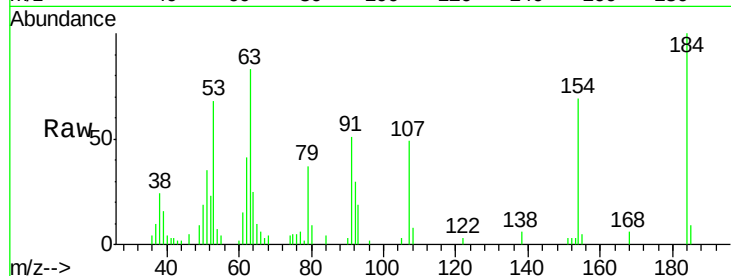




#53
2,4-Dinitrophenol
Concen: 19.66 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.01 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

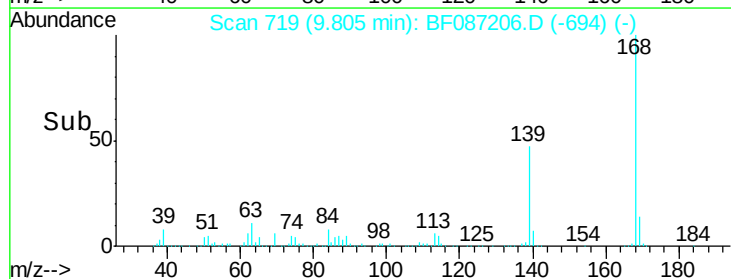
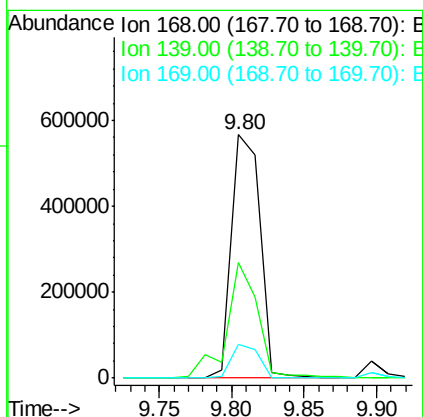
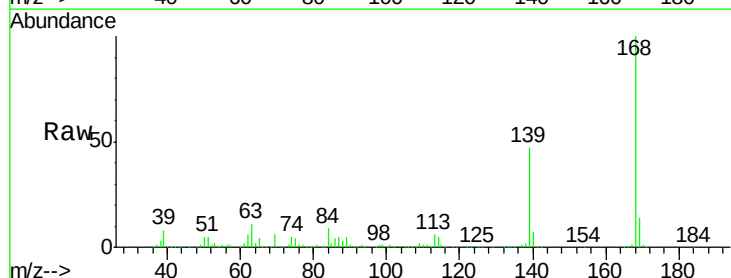
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

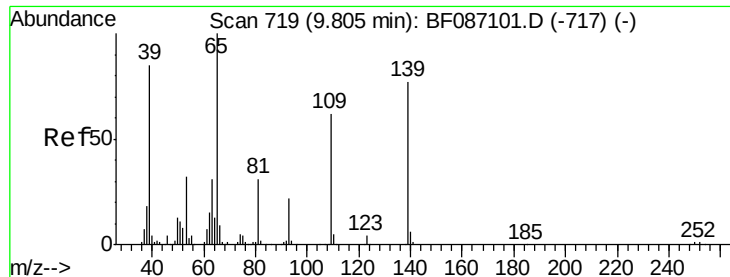
Tgt Ion:184 Resp: 38903
Ion Ratio Lower Upper
184 100
63 83.0 55.8 83.8
154 69.1 62.4 93.6



#54
Dibenzofuran
Concen: 38.20 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion:168 Resp: 775417
Ion Ratio Lower Upper
168 100
139 47.3 31.4 47.0#
169 14.0 10.7 16.1

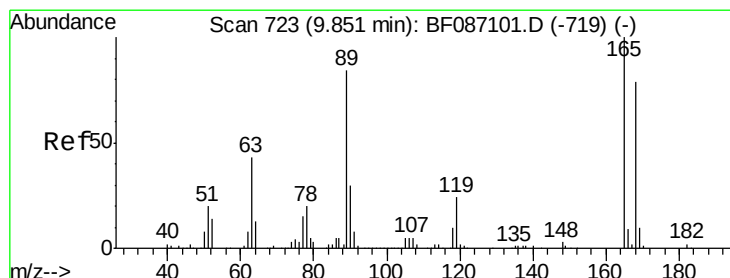
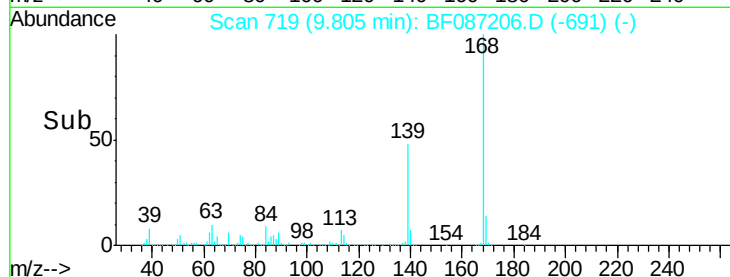
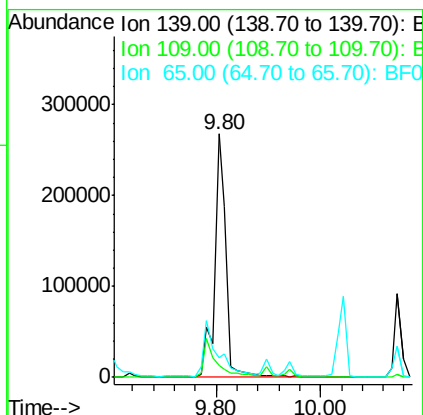
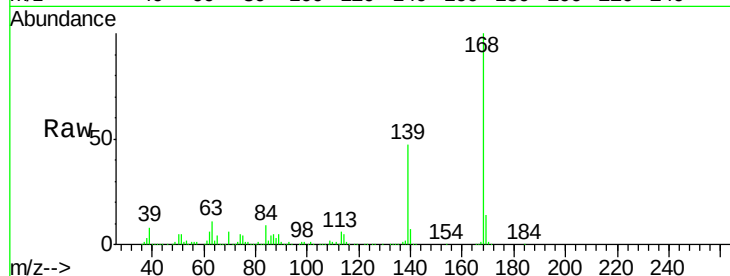




#55
4-Nitrophenol
Concen: 101.14 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.02 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

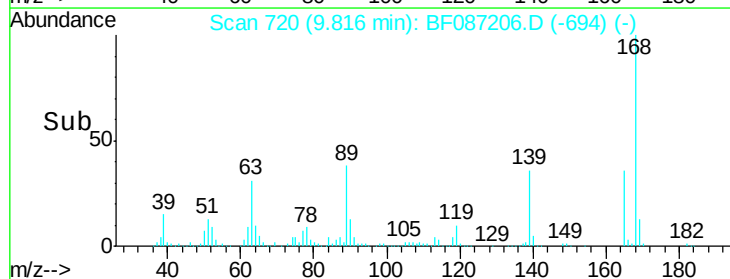
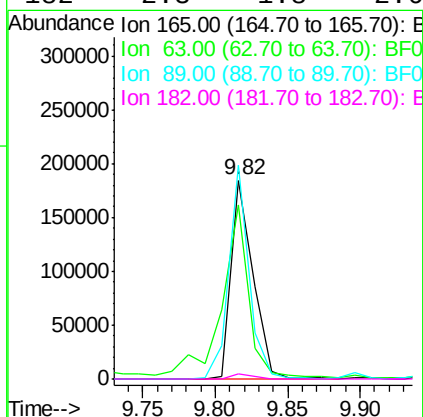
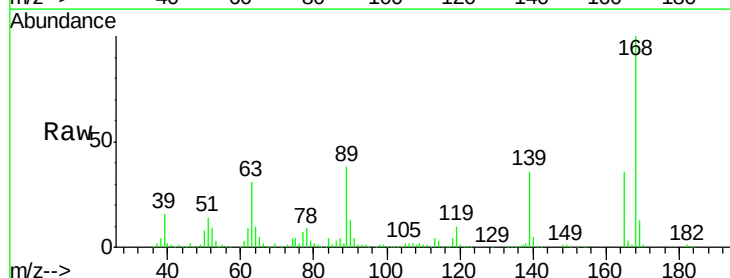
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

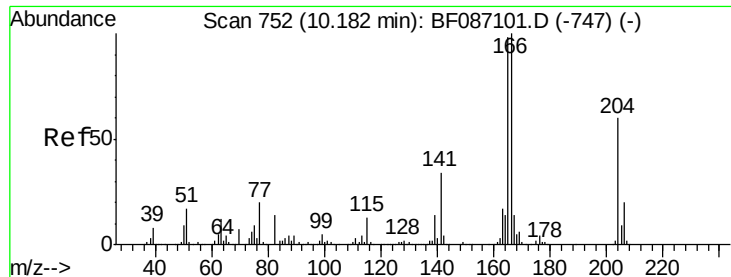
Tgt Ion	Ratio	Lower	Upper
139	100		
109	4.8	36.9	76.9#
65	7.9	64.0	104.0#



#56
2,4-Dinitrotoluene
Concen: 35.57 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	87.6	44.3	66.5#
89	107.5	70.0	105.0#
182	2.3	1.8	2.6

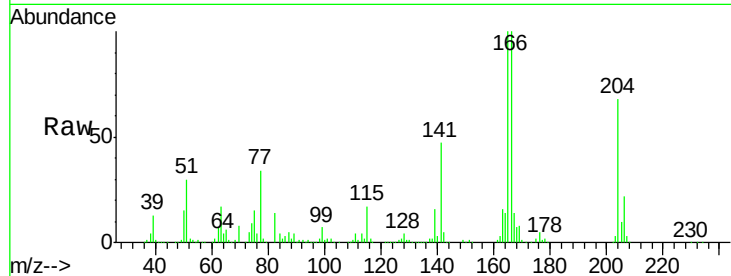




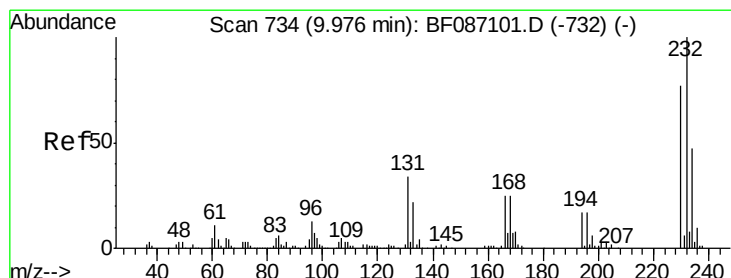
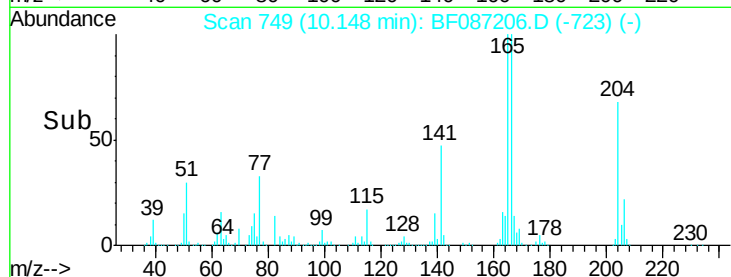
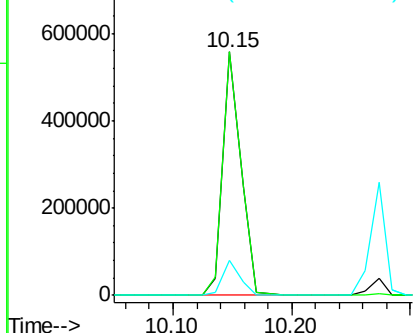
#57
 Fluorene
 Concen: 36.16 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:166 Resp: 589669
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.0 118.6
 167 14.4 10.6 15.8

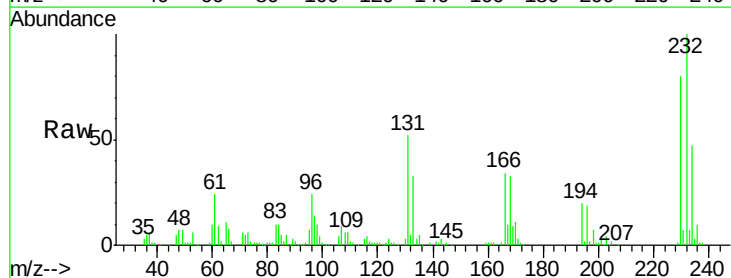


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

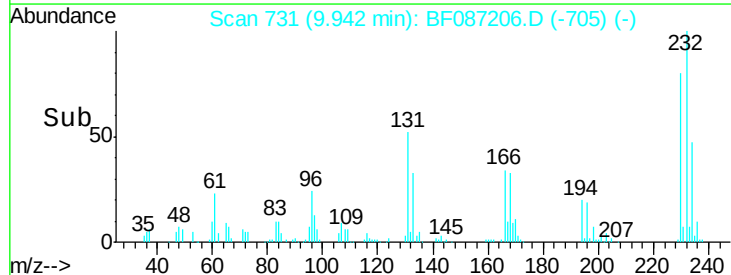
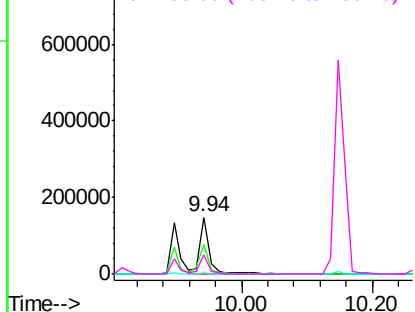


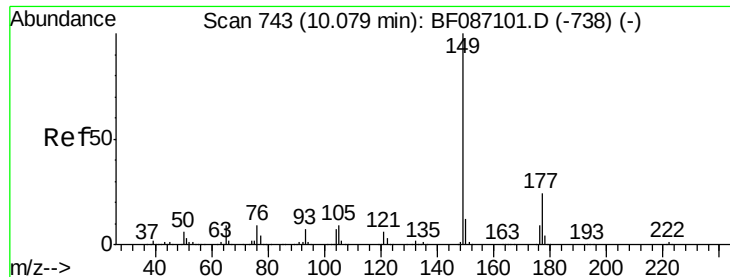
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.33 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion:232 Resp: 147885
 Ion Ratio Lower Upper
 232 100
 131 51.4 41.9 62.9
 130 2.5 2.2 3.4
 166 31.1 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

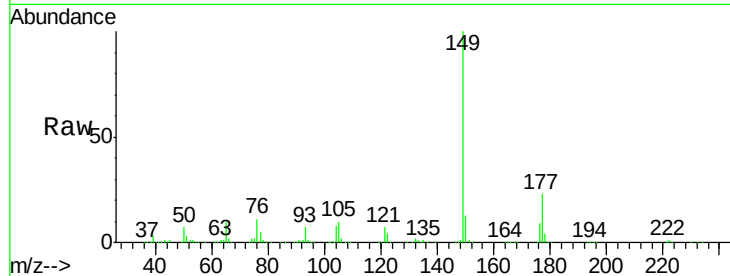




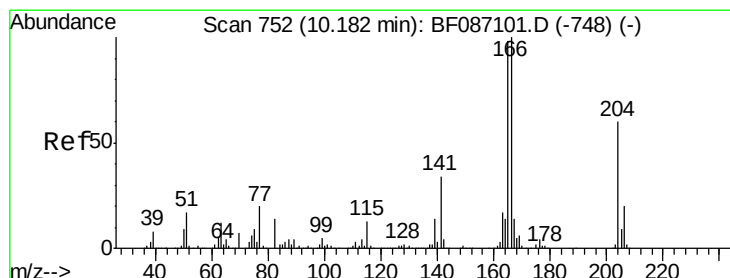
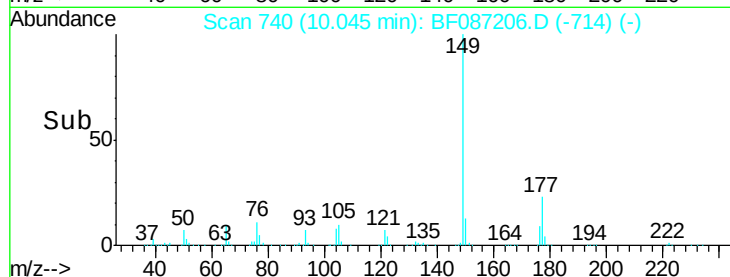
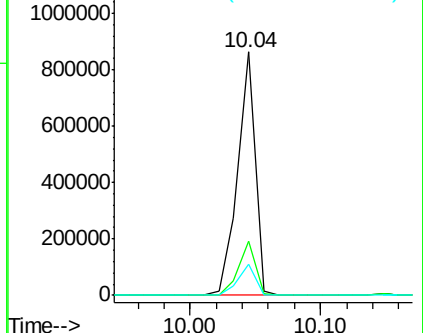
#59
Diethylphthalate
Concen: 42.70 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 803835
Ion Ratio Lower Upper
149 100
177 22.5 16.6 24.8
150 12.6 10.0 15.0

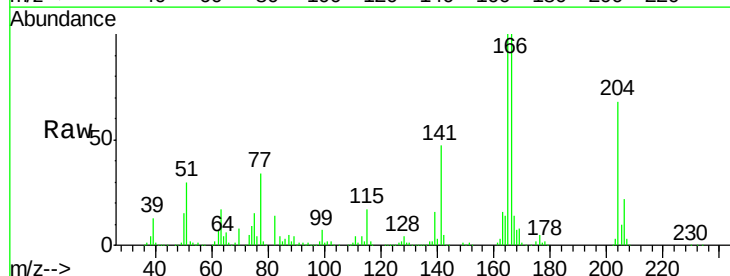


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

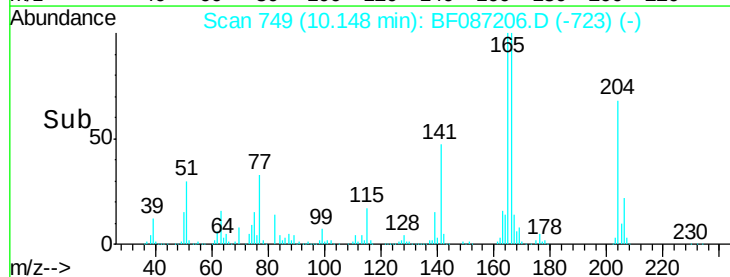
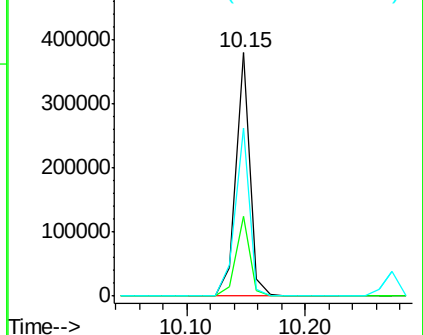


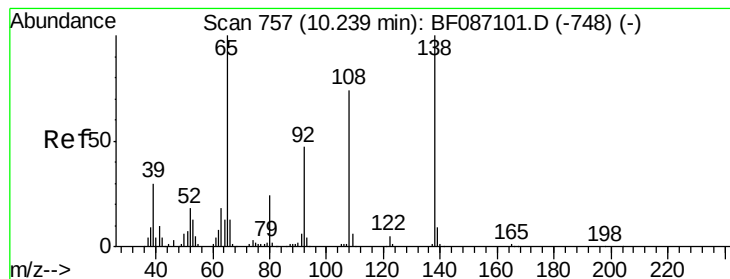
#60
4-Chlorophenyl-phenylether
Concen: 40.56 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion:204 Resp: 313579
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 69.2 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: 38.26 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

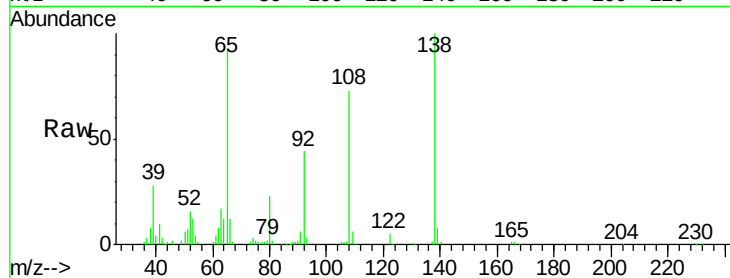
Tgt Ion:138 Resp: 175104

Ion Ratio Lower Upper

138 100

92 44.5 24.7 64.7

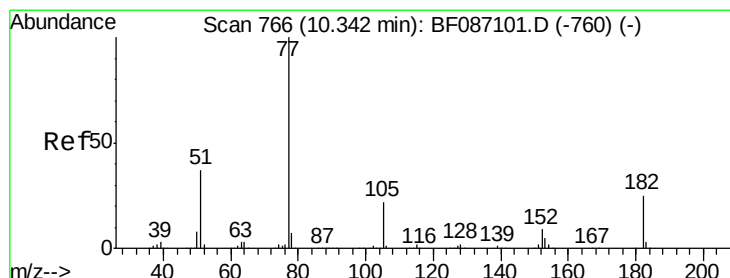
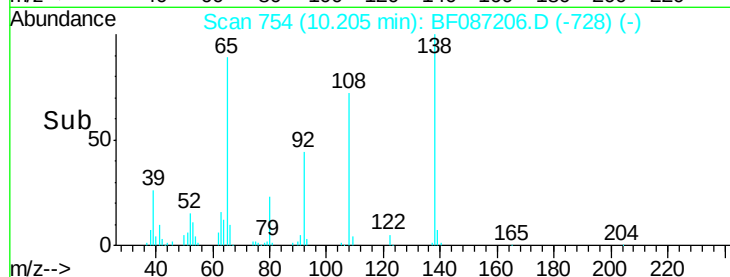
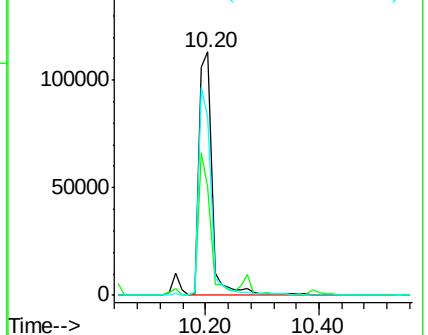
108 73.4 37.4 77.4



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



#62

Azobenzene

Concen: 39.80 ng

RT: 10.31 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Tgt Ion: 77 Resp: 863262

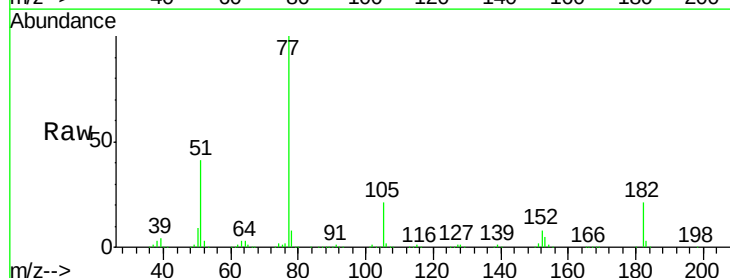
Ion Ratio Lower Upper

77 100

182 21.3 0.0 38.8

105 21.3 3.2 43.2

51 40.7 8.8 48.8

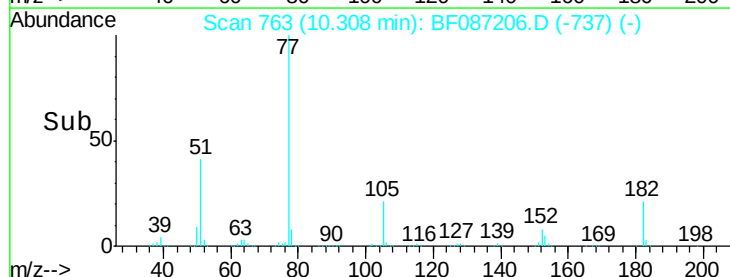
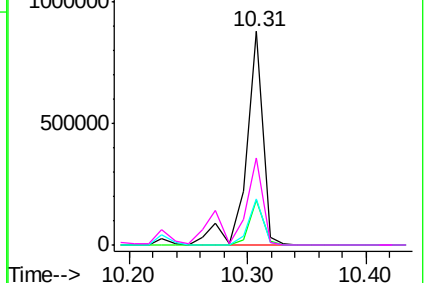


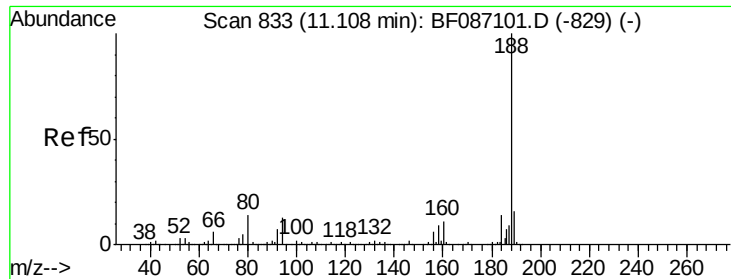
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

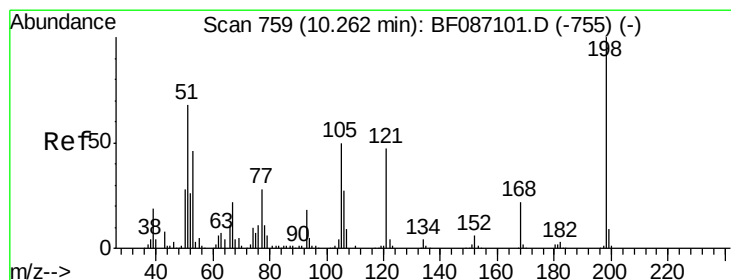
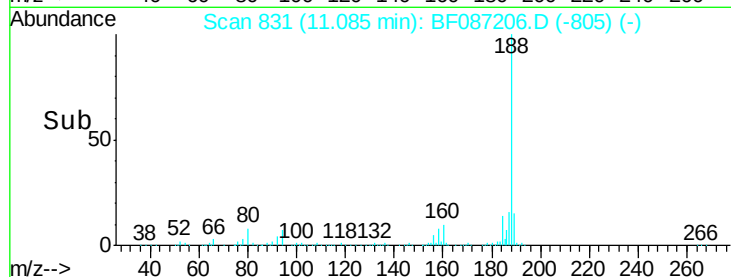
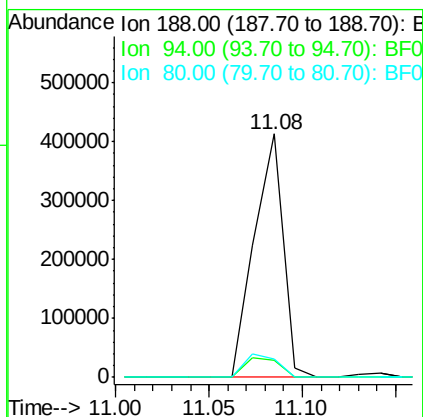
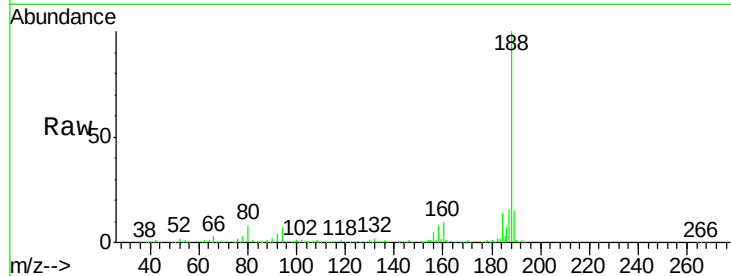




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

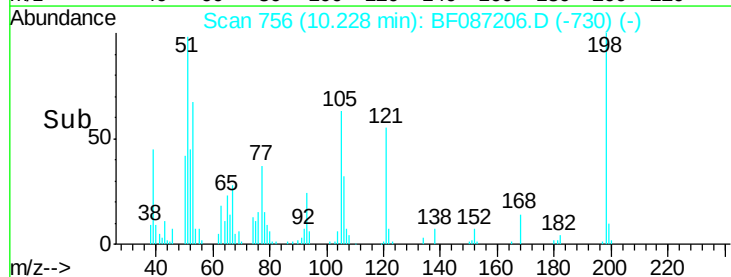
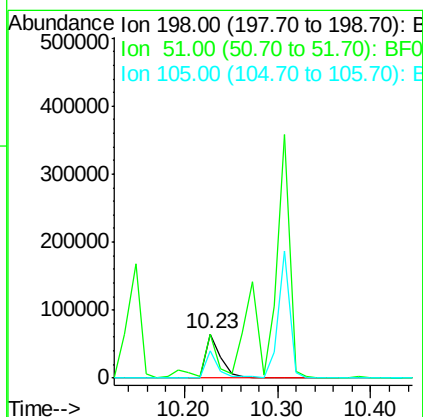
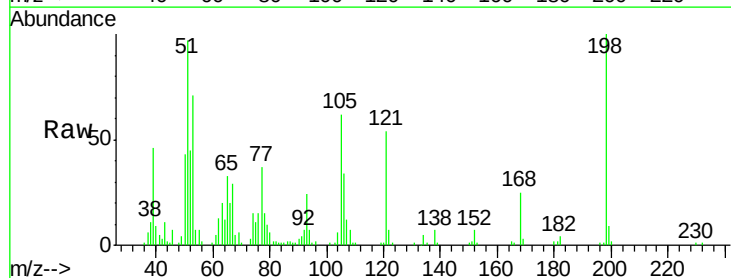
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

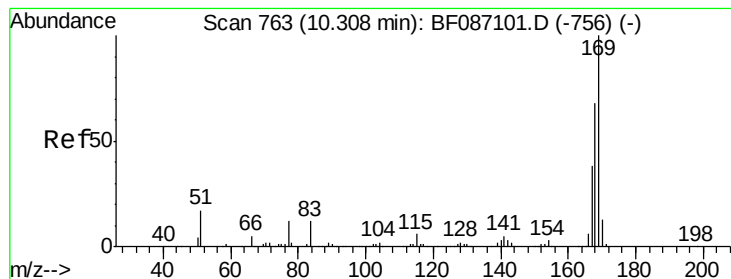
Tgt Ion:188 Resp: 451138
Ion Ratio Lower Upper
188 100
94 7.2 6.8 10.2
80 7.7 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 25.26 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion:198 Resp: 75055
Ion Ratio Lower Upper
198 100
51 97.4 20.5 60.5#
105 62.2 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 42.93 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

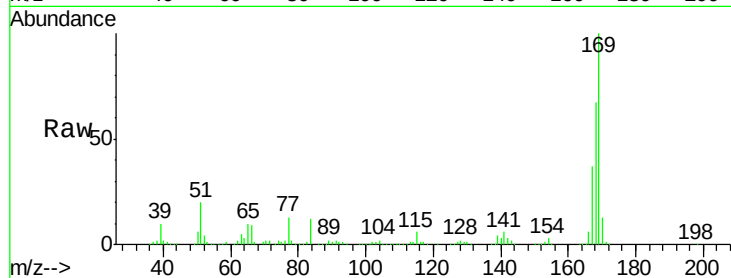
Tgt Ion:169 Resp: 609531

Ion Ratio Lower Upper

169 100

168 66.9 53.8 80.6

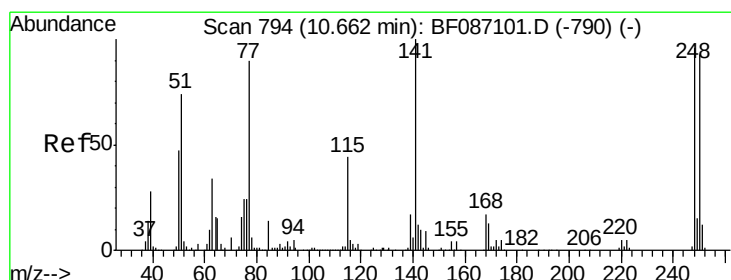
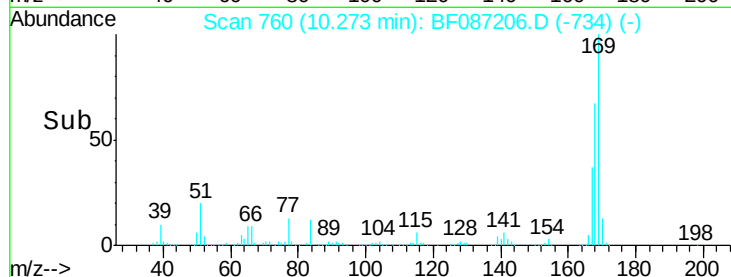
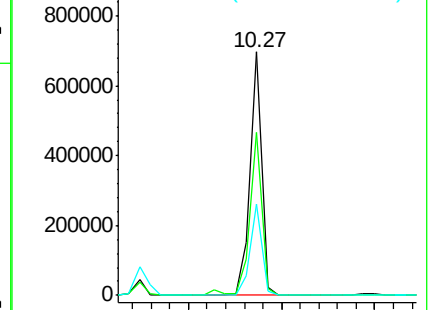
167 37.3 29.5 44.3



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: 39.52 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

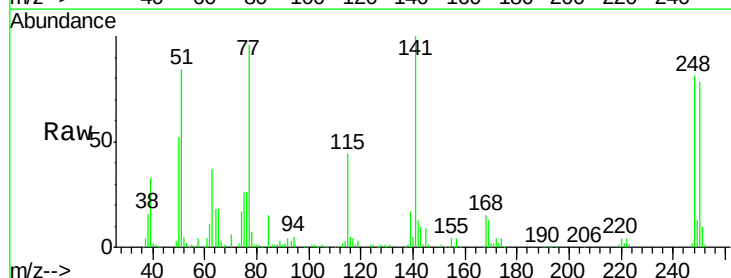
Tgt Ion:248 Resp: 183346

Ion Ratio Lower Upper

248 100

250 97.4 78.6 117.8

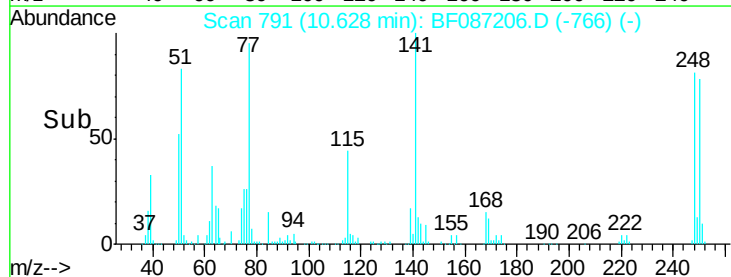
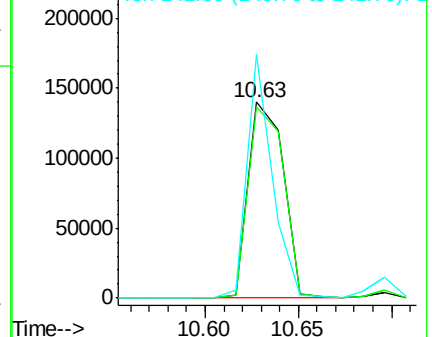
141 124.2 76.0 114.0#

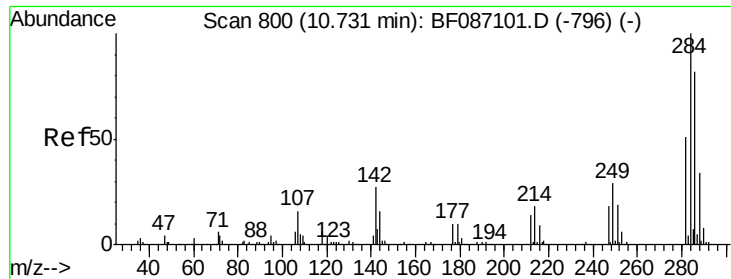


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.47 ng

RT: 10.70 min Scan# 797

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

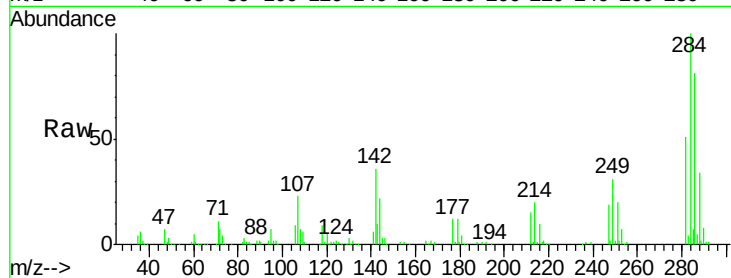
Tgt Ion:284 Resp: 212275

Ion Ratio Lower Upper

284 100

142 36.1 16.7 25.1#

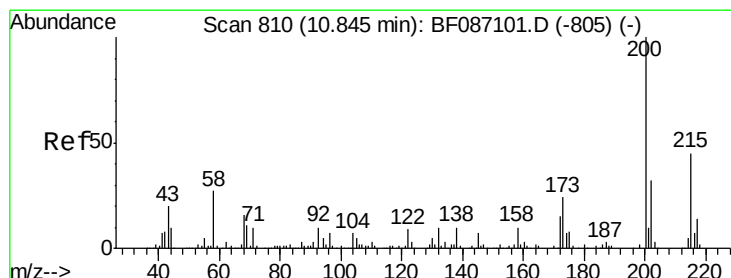
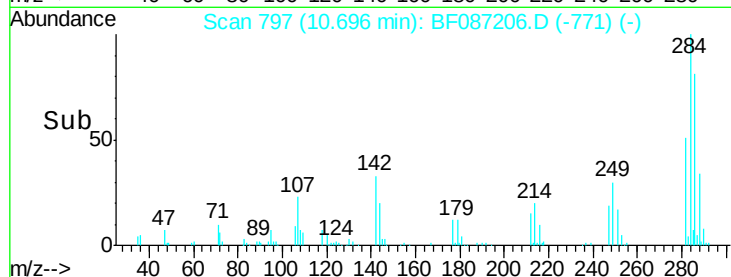
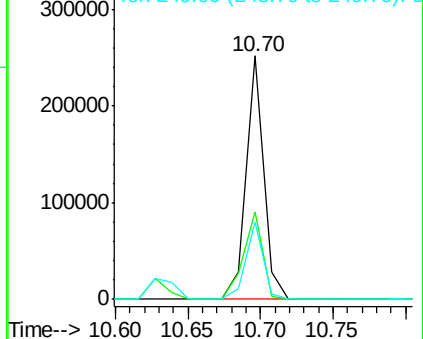
249 31.5 21.3 31.9



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: 38.99 ng

RT: 10.81 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

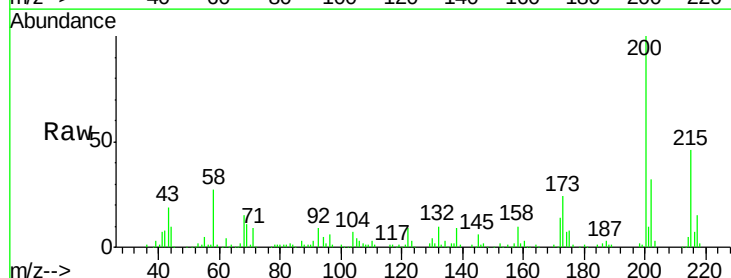
Tgt Ion:200 Resp: 180572

Ion Ratio Lower Upper

200 100

173 23.7 8.5 48.5

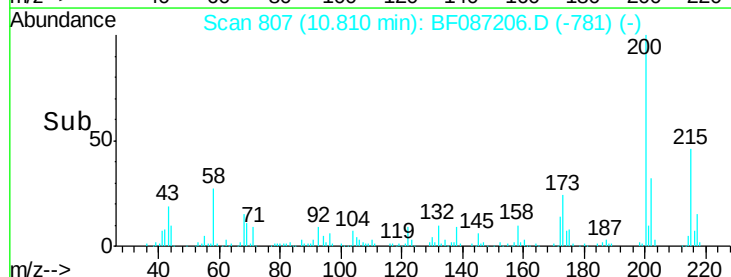
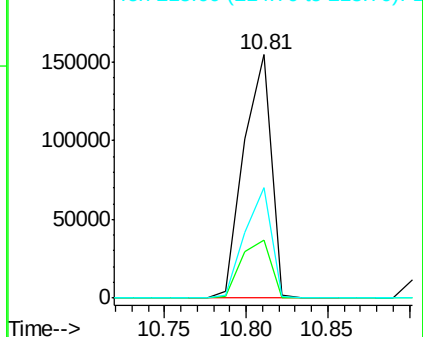
215 45.5 27.2 67.2

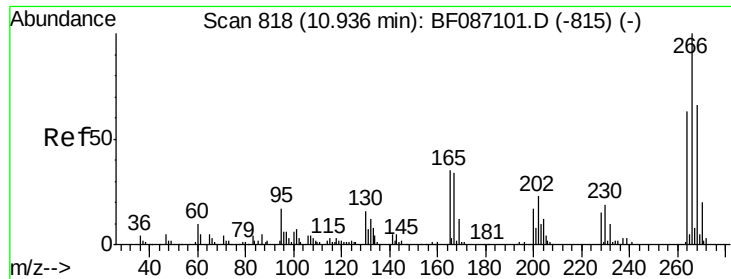


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

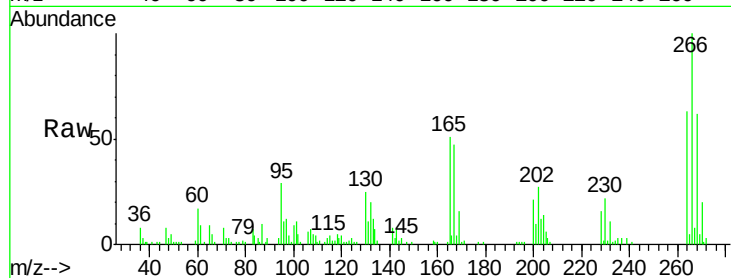




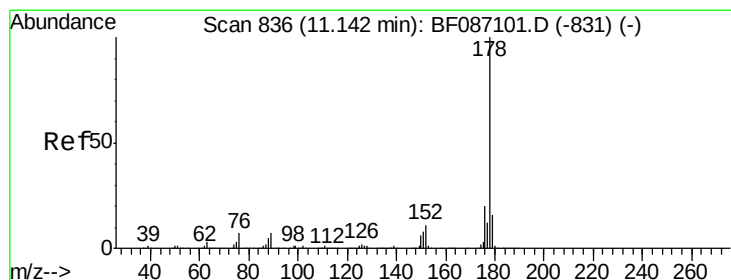
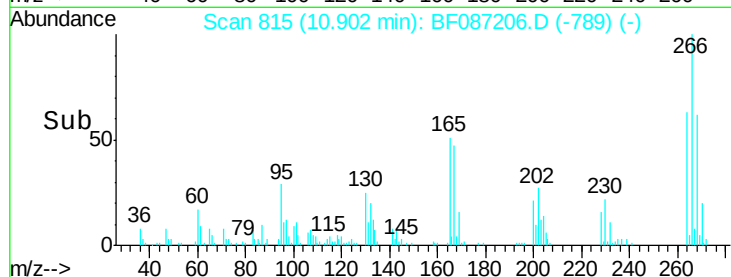
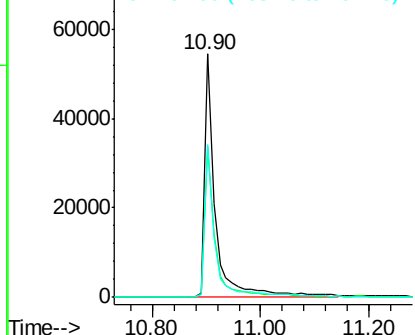
#69
 Pentachlorophenol
 Concen: 37.04 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 74834
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.5 77.3
 264 62.8 52.9 79.3

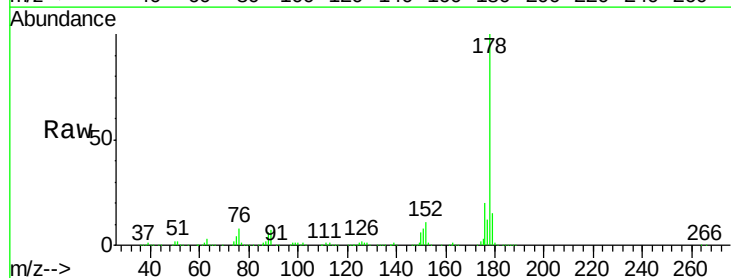


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

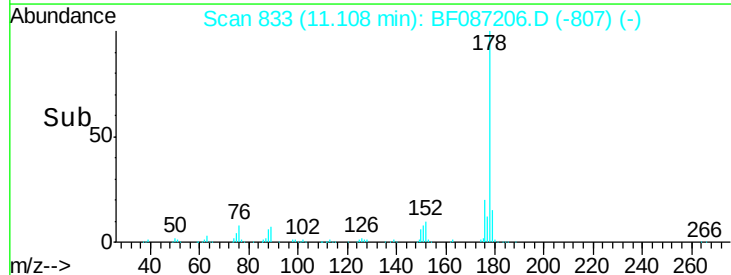
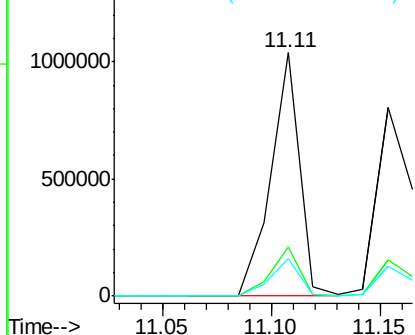


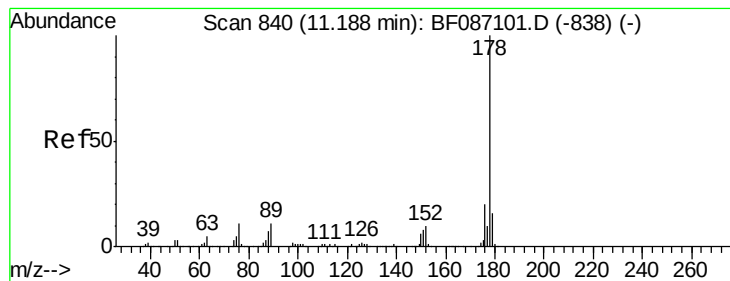
#70
 Phenanthrene
 Concen: 39.35 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion:178 Resp: 962784
 Ion Ratio Lower Upper
 178 100
 176 20.0 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: 37.07 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

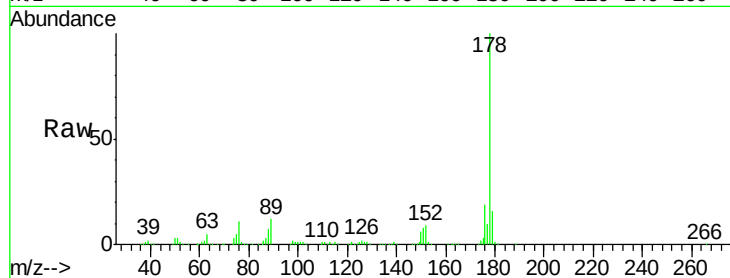
Tgt Ion:178 Resp: 917330

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

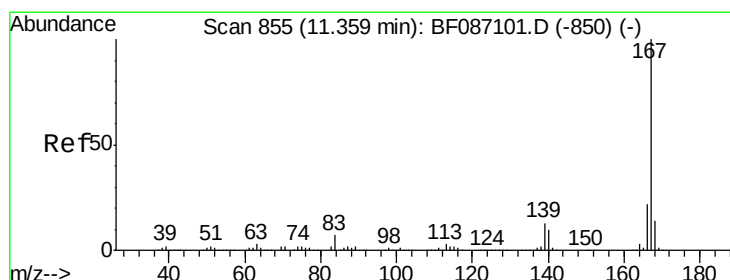
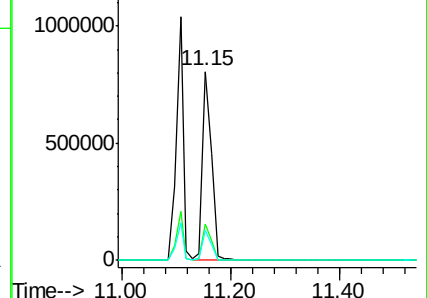
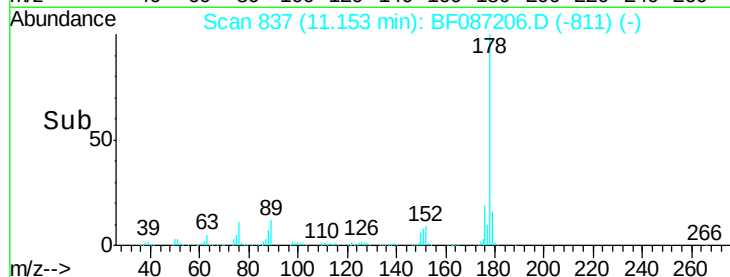
179 16.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.47 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

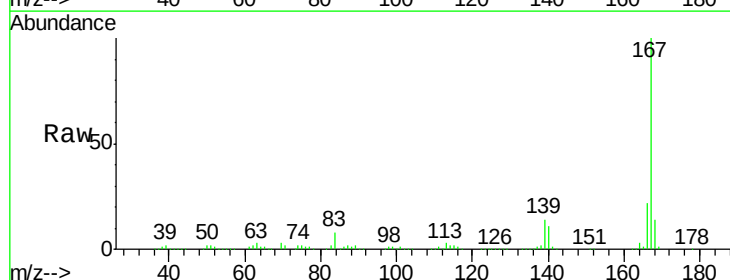
Tgt Ion:167 Resp: 869715

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

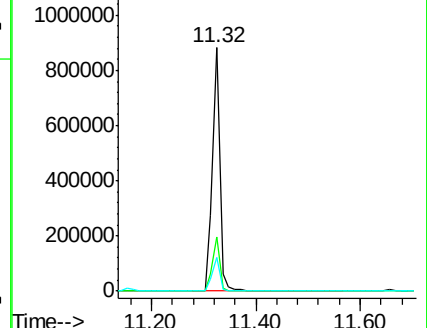
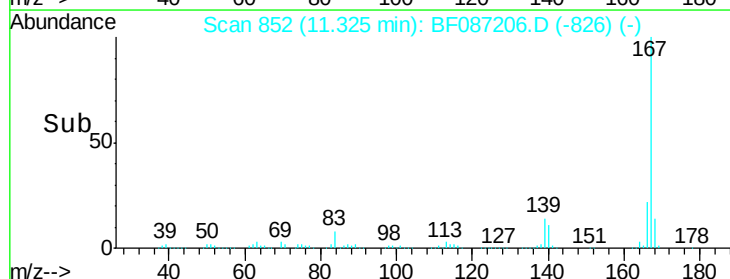
139 13.8 10.8 16.2

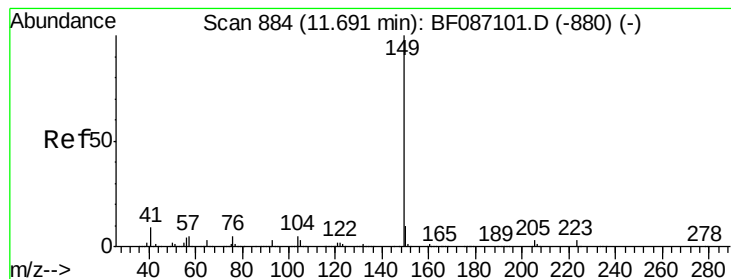


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.23 ng

RT: 11.66 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

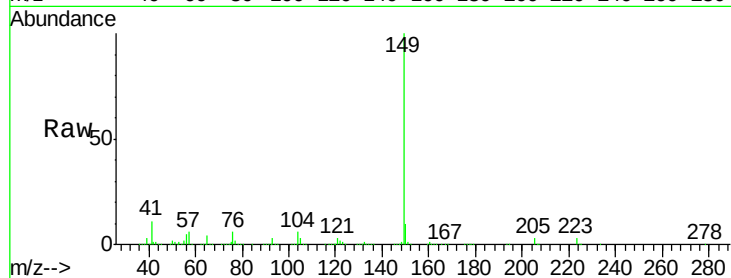
Tgt Ion:149 Resp: 1122654

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

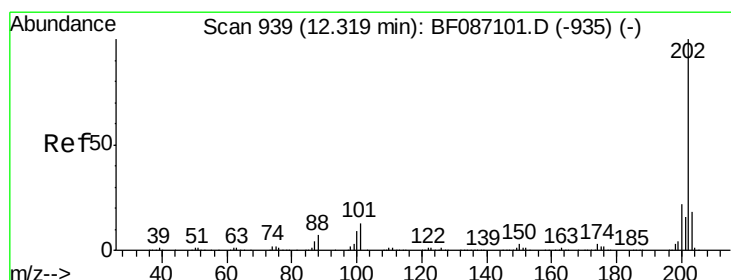
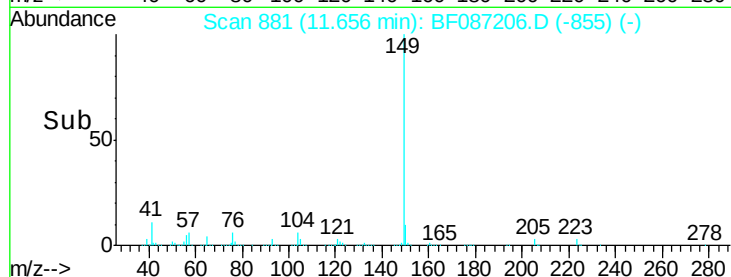
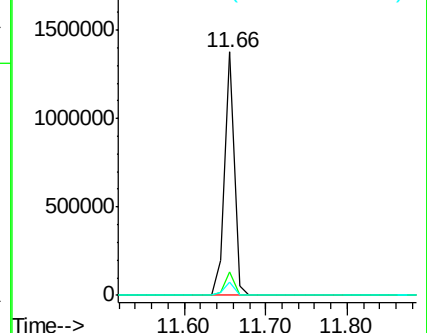
104 5.7 3.8 5.6#



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: 34.92 ng

RT: 12.28 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

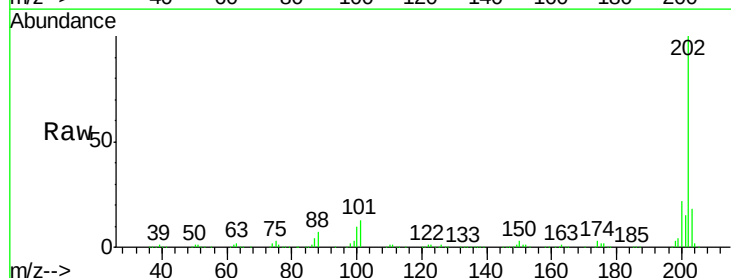
Tgt Ion:202 Resp: 856172

Ion Ratio Lower Upper

202 100

101 12.7 0.0 35.4

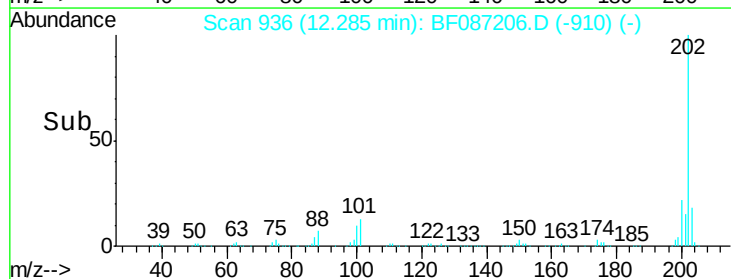
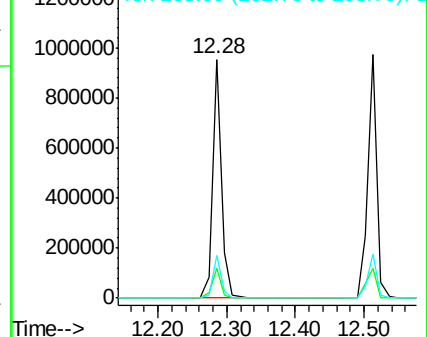
203 18.1 0.0 38.1

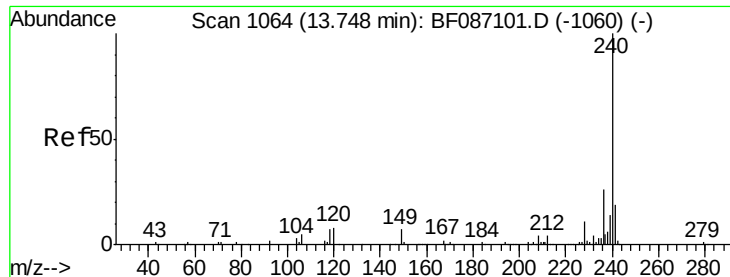


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.71 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

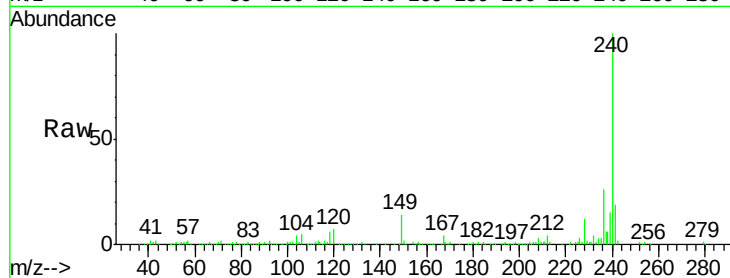
Tgt Ion:240 Resp: 276833

Ion Ratio Lower Upper

240 100

120 7.2 11.2 16.8#

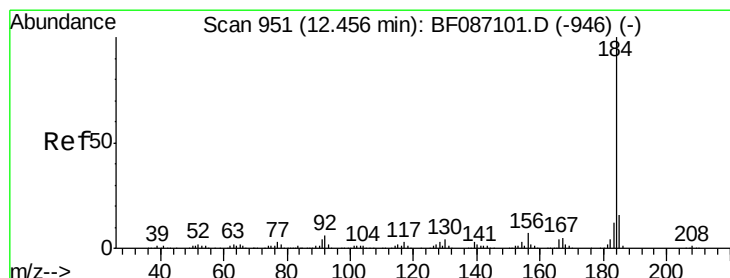
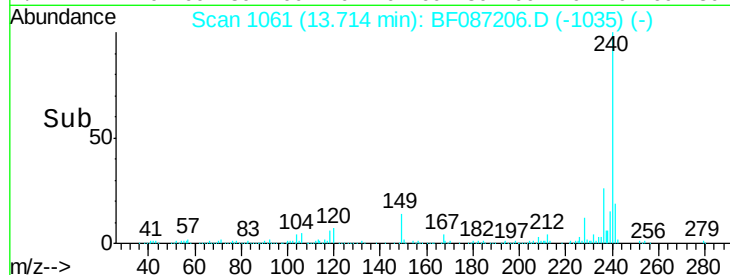
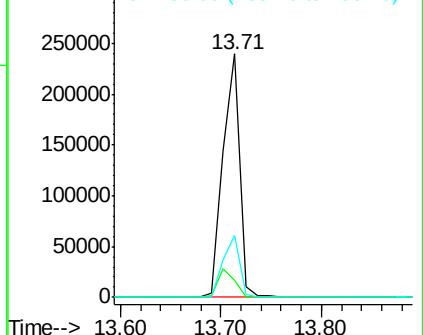
236 25.6 21.2 31.8



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: 57.39 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

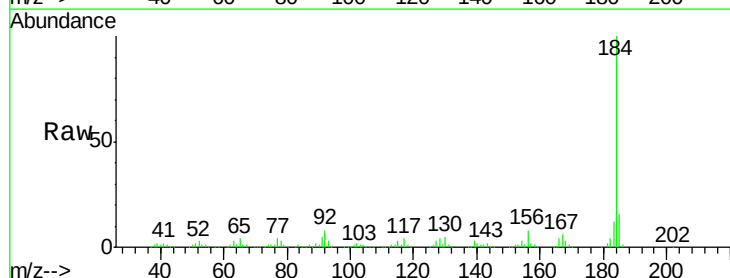
Tgt Ion:184 Resp: 378767

Ion Ratio Lower Upper

184 100

185 15.7 13.6 20.4

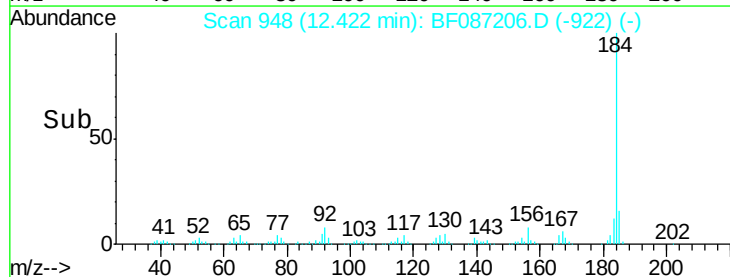
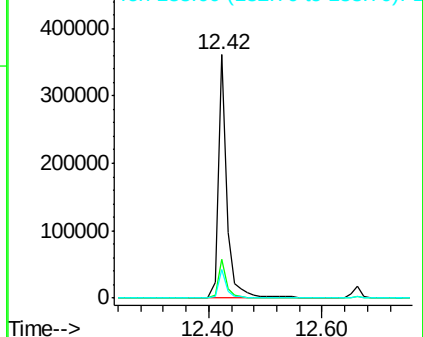
183 11.9 9.8 14.6

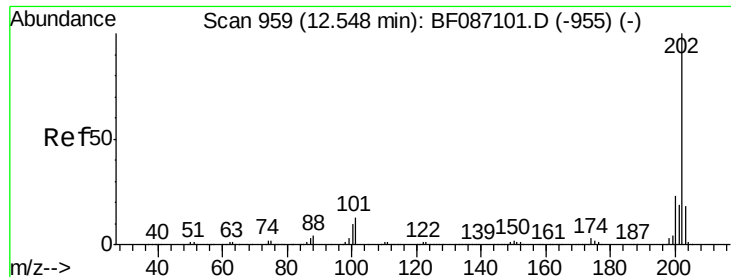


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

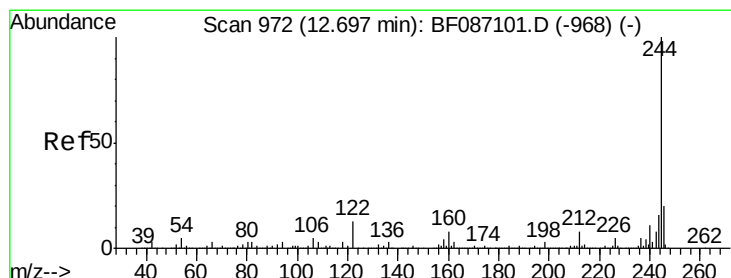
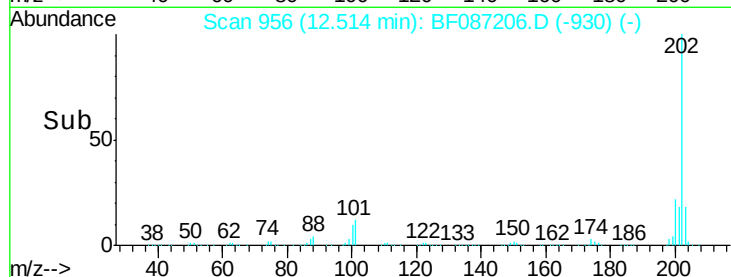
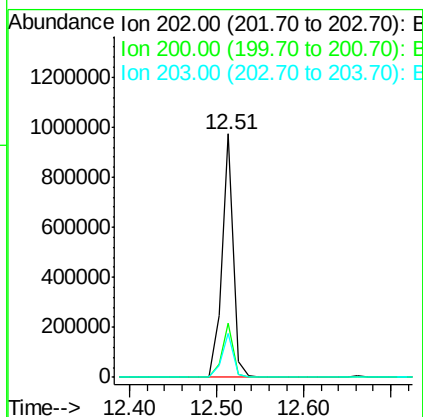
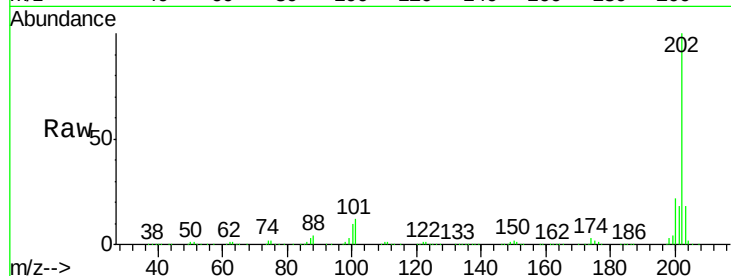




#77
 Pyrene
 Concen: 44.49 ng
 RT: 12.51 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

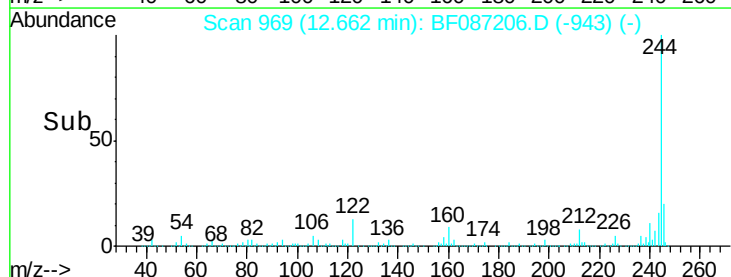
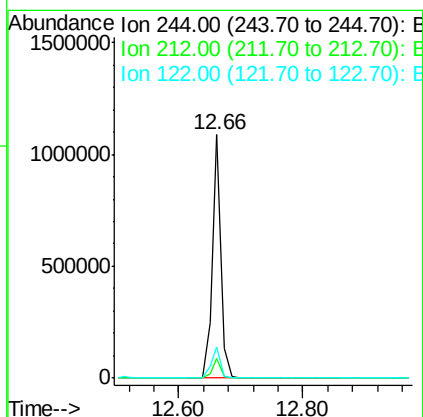
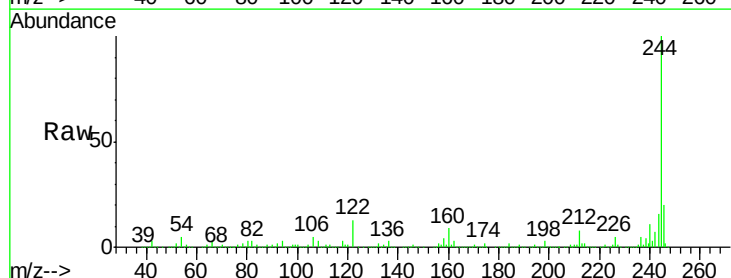
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

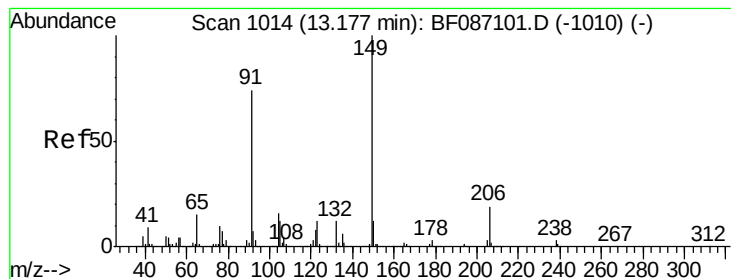
Tgt Ion: 202 Resp: 889693
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.7 26.5
 203 17.9 14.2 21.4



#78
 Terphenyl-d14
 Concen: 83.52 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion: 244 Resp: 1022141
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 12.9 12.0 18.0





#79

Butylbenzylphthalate

Concen: 48.48 ng

RT: 13.14 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

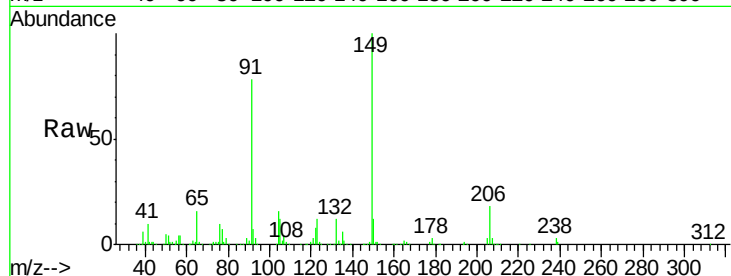
Tgt Ion:149 Resp: 409318

Ion Ratio Lower Upper

149 100

91 78.5 48.0 72.0#

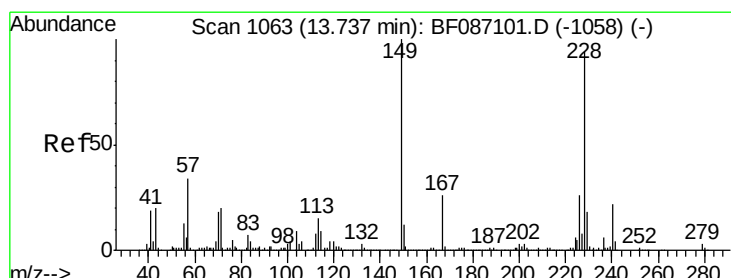
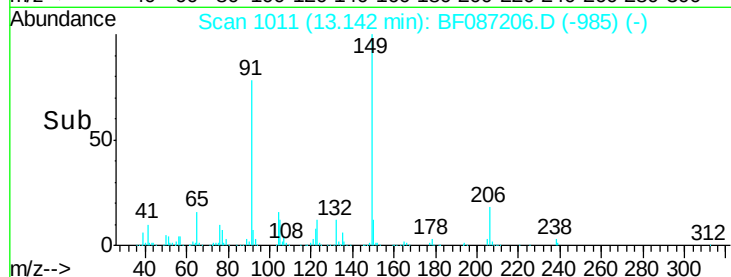
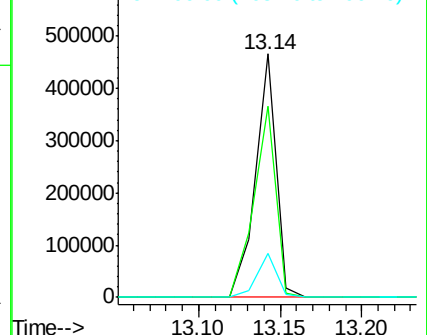
206 18.0 15.8 23.6



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: 39.53 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

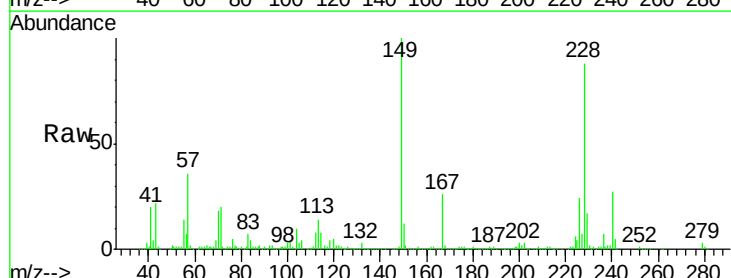
Tgt Ion:228 Resp: 632670

Ion Ratio Lower Upper

228 100

226 27.7 22.5 33.7

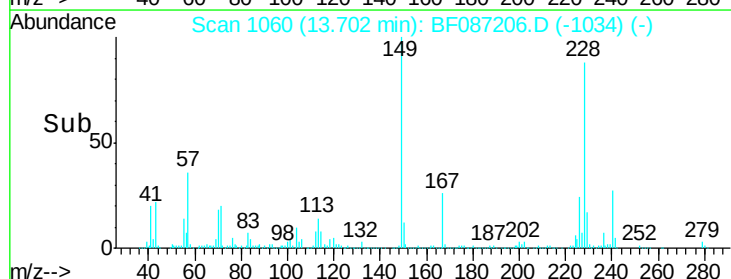
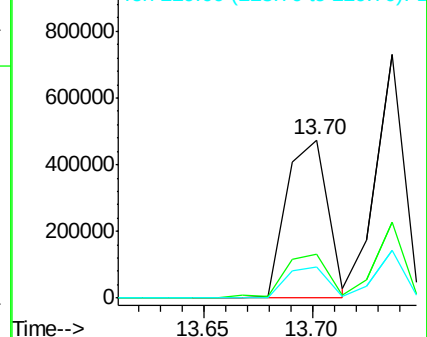
229 19.6 16.6 25.0

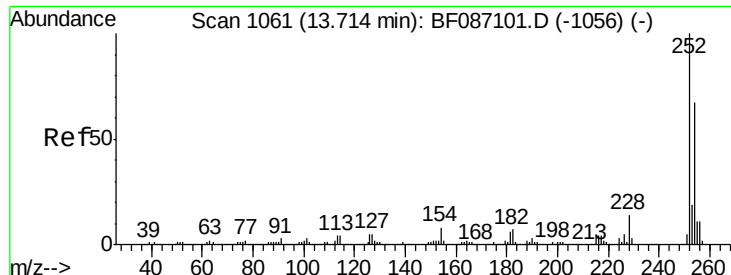


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

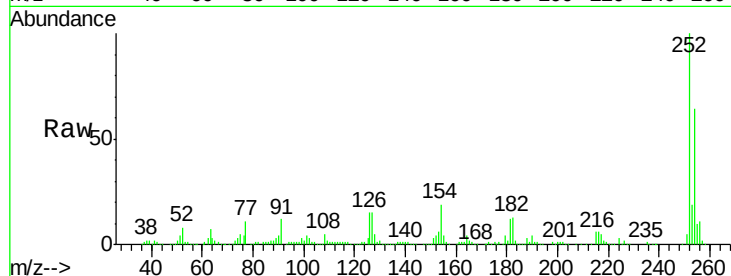




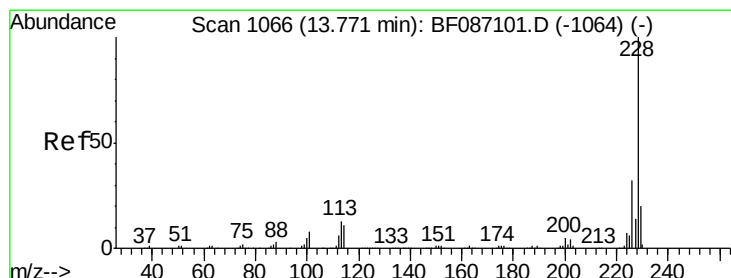
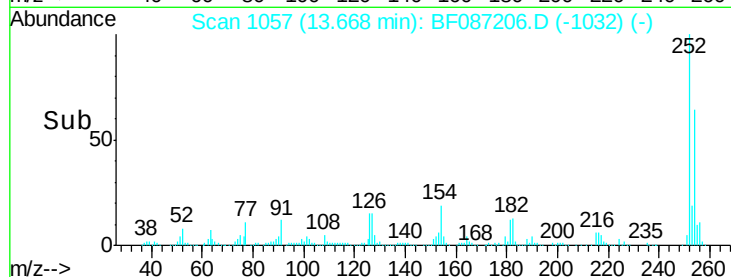
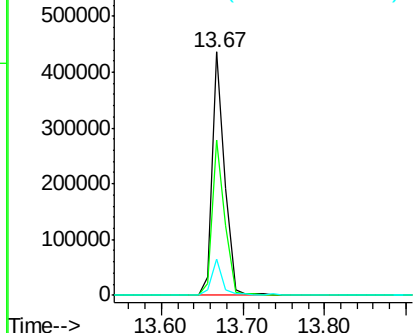
#81
 3,3'-Dichlorobenzidine
 Concen: 46.06 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.7	76.1
126	15.0	12.7	19.1

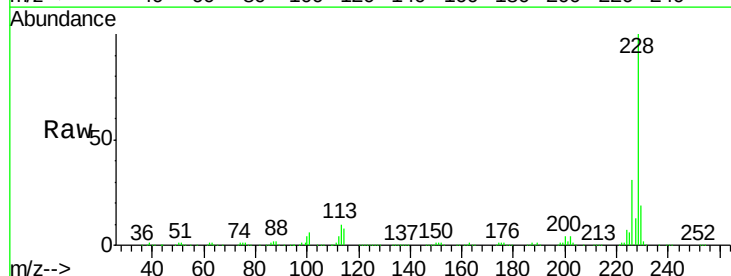


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

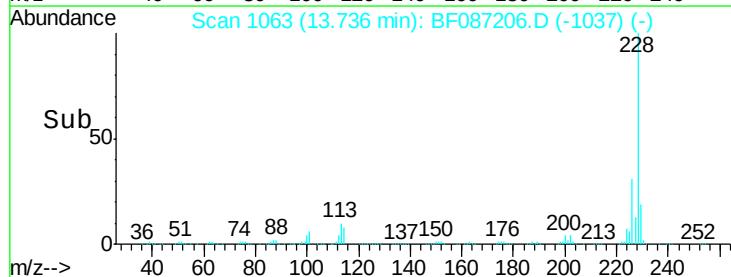
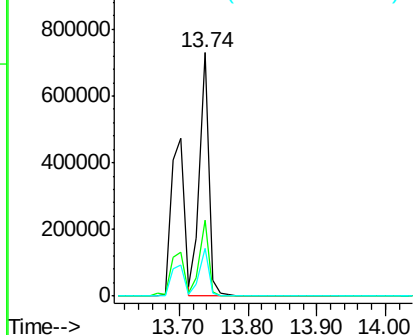


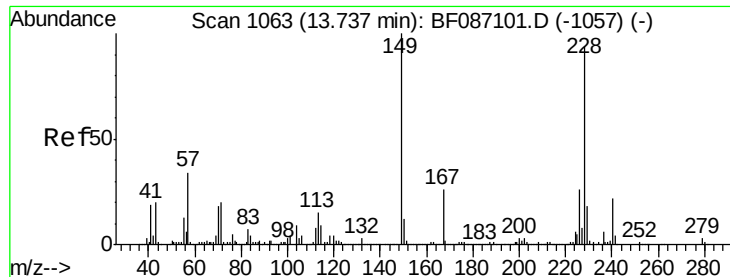
#82
 Chrysene
 Concen: 43.12 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BF087206.D
 Acq: 20 May 2016 2:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	19.5	15.8	23.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.41 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

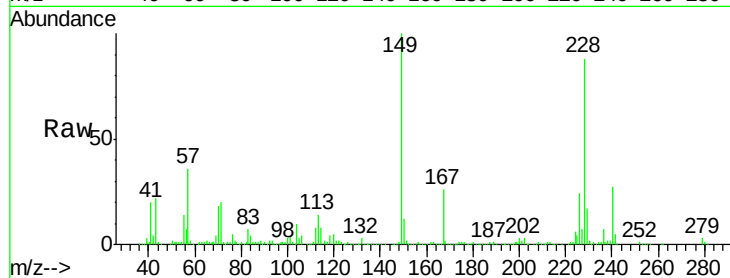
Tgt Ion:149 Resp: 487093

Ion Ratio Lower Upper

149 100

167 25.7 21.8 32.6

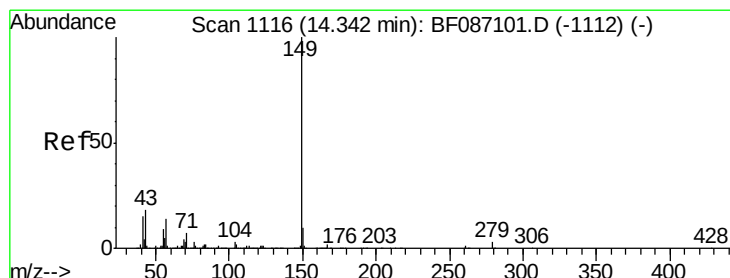
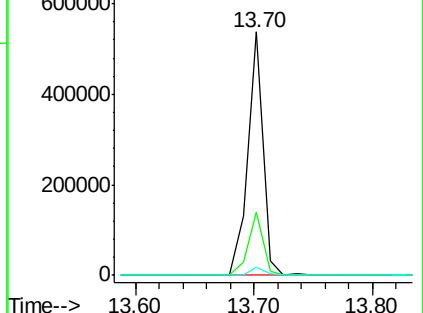
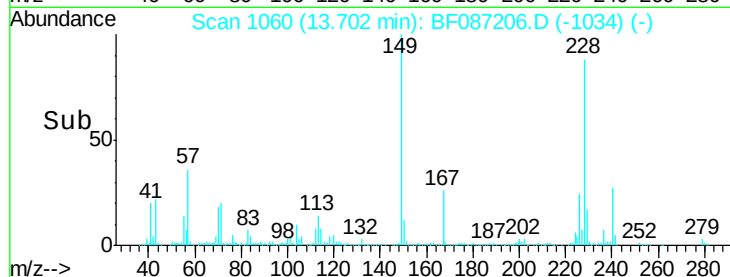
279 3.1 2.6 4.0



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: 42.80 ng

RT: 14.31 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

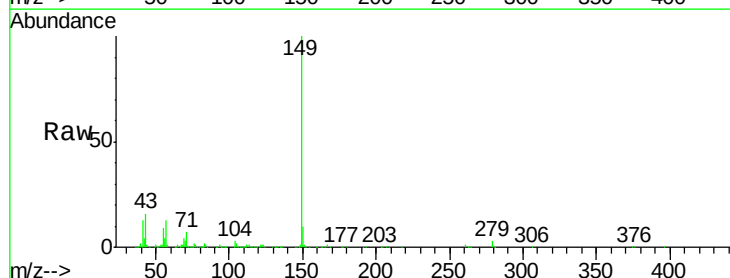
Tgt Ion:149 Resp: 757507

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

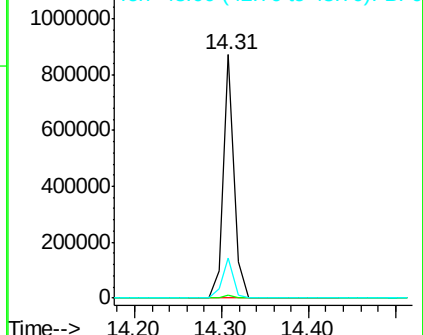
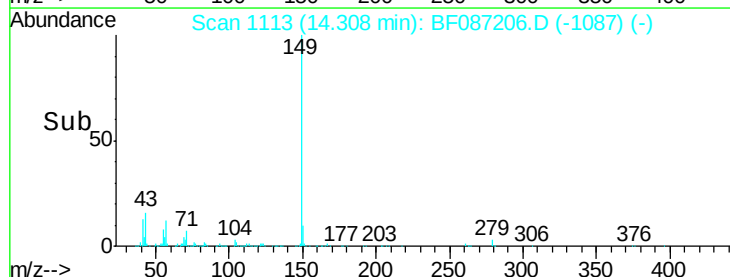
43 17.1 8.2 12.4#

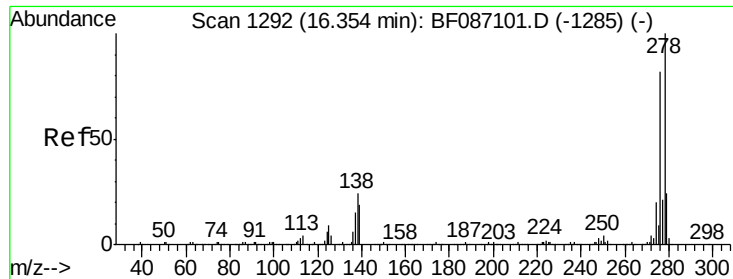


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

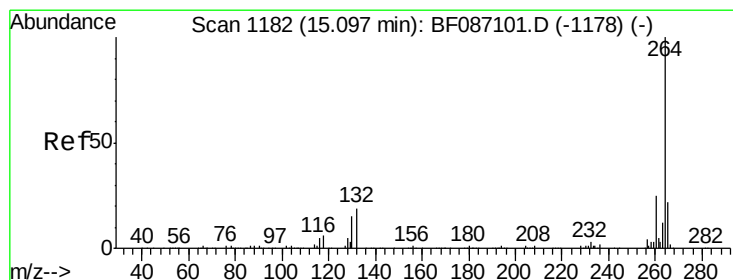
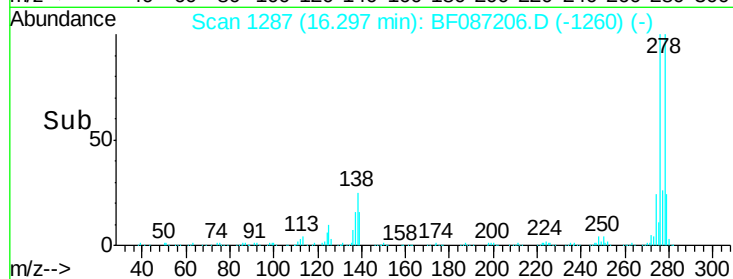
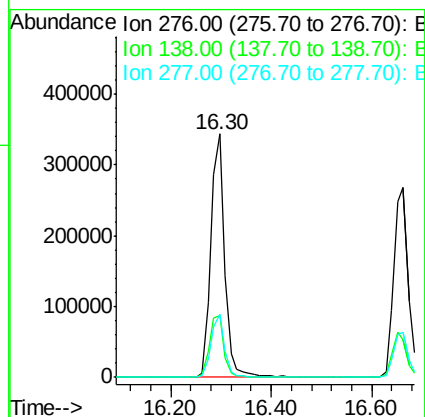
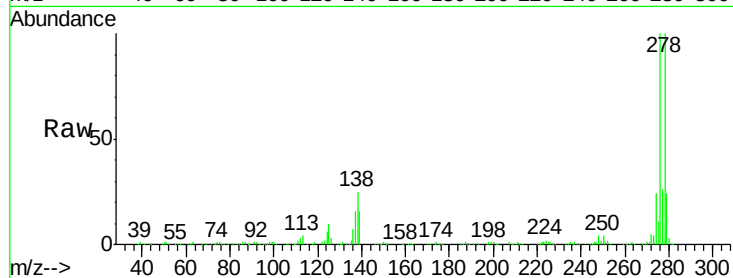




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.57 ng
RT: 16.30 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

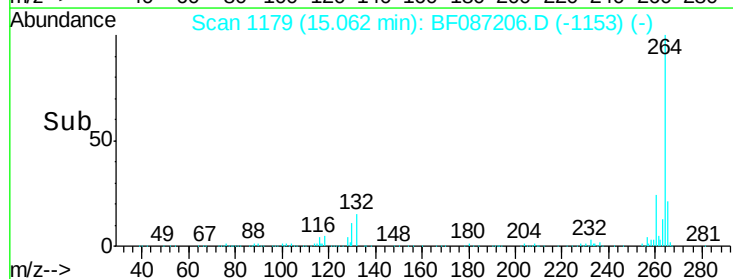
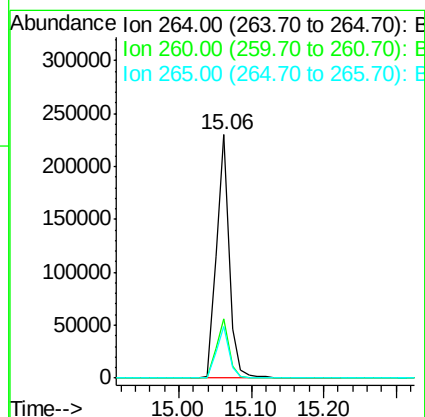
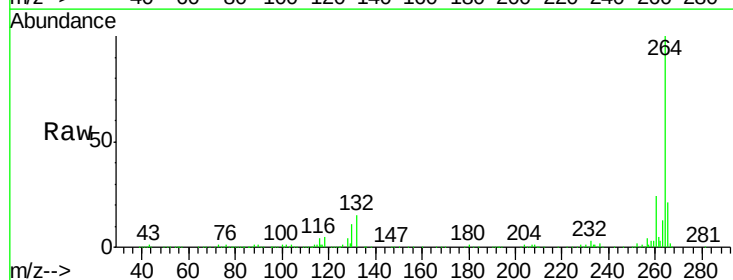
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

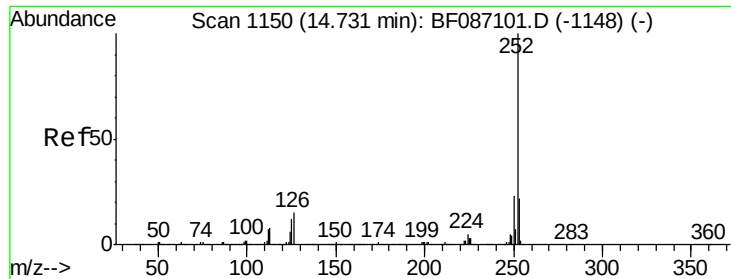
Tgt Ion: 276 Resp: 660297
Ion Ratio Lower Upper
276 100
138 26.6 25.6 38.4
277 25.3 20.5 30.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion: 264 Resp: 281742
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.4 17.3 25.9

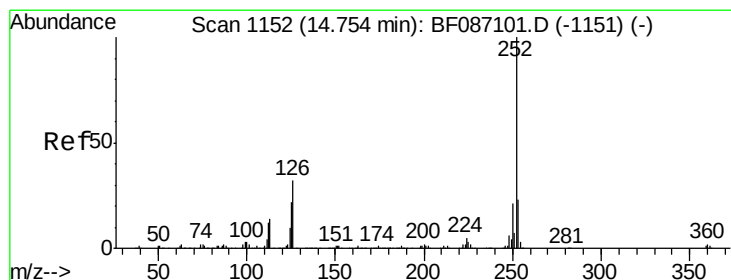
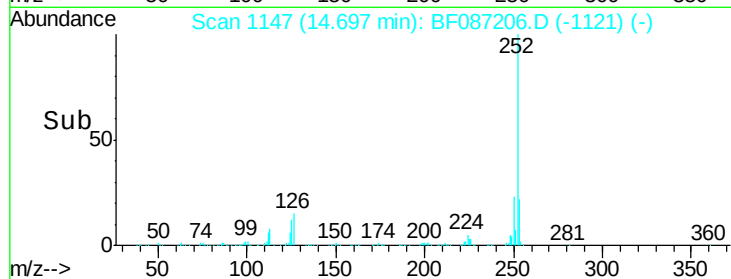
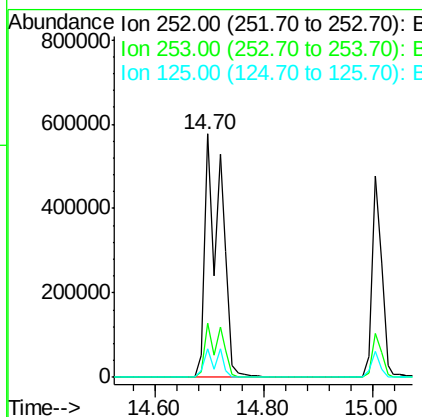
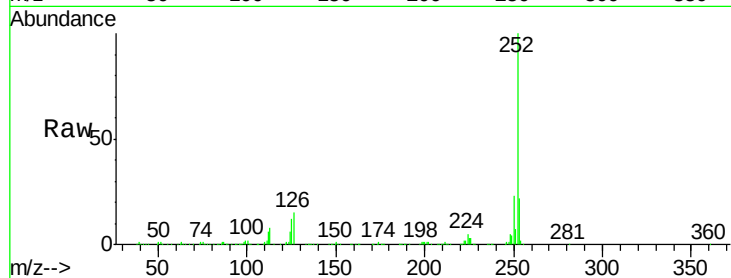




#87
Benzo(b)fluoranthene
Concen: 64.72 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

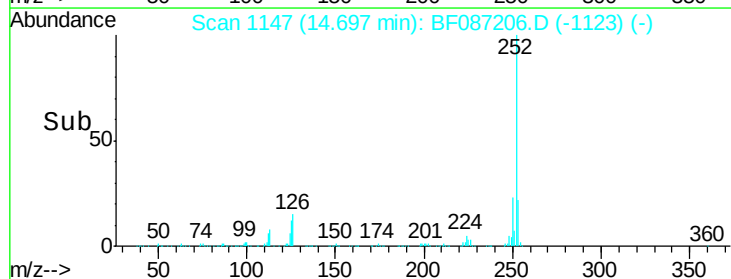
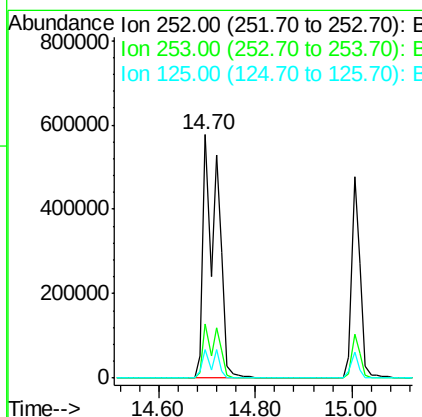
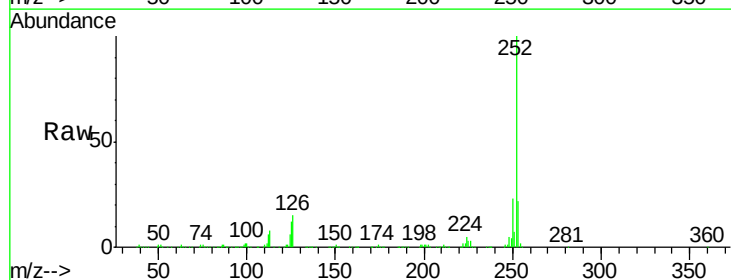
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

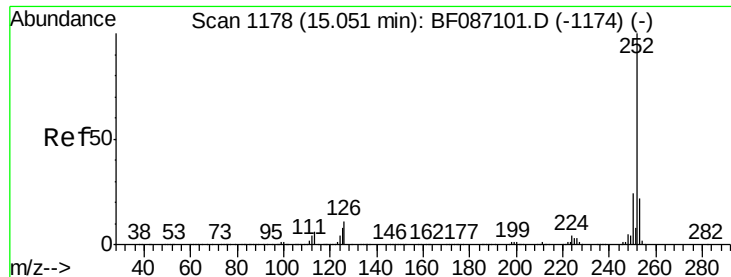
Tgt Ion:252 Resp: 1209767
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.6 11.4 17.0



#88
Benzo(k)fluoranthene
Concen: 87.02 ng
RT: 14.70 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF087206.D
Acq: 20 May 2016 2:17

Tgt Ion:252 Resp: 1210941
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.6 9.1 13.7





#89

Benzo(a)pyrene

Concen: 37.43 ng

RT: 15.01 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

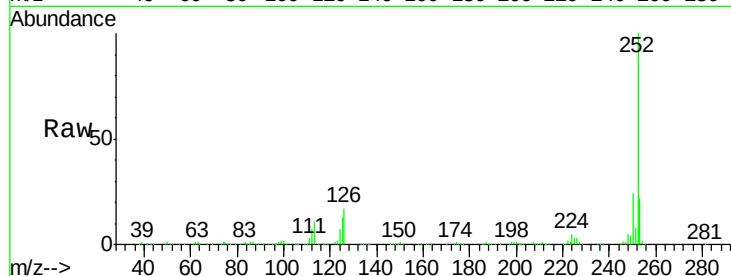
Tgt Ion:252 Resp: 584859

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

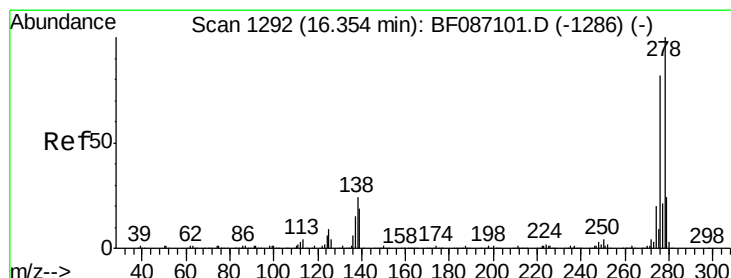
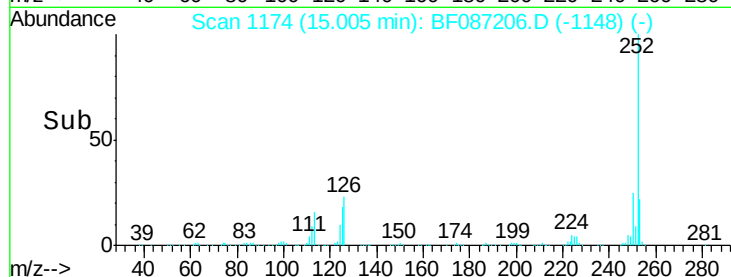
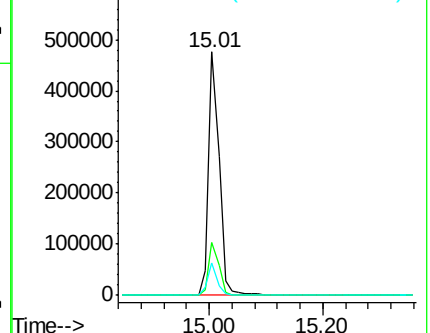
125 13.2 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.17 ng

RT: 16.30 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF087206.D

Acq: 20 May 2016 2:17

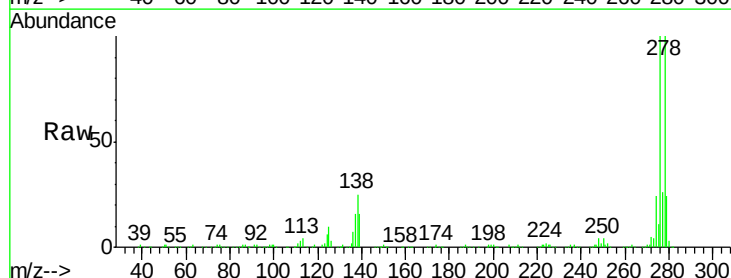
Tgt Ion:278 Resp: 554683

Ion Ratio Lower Upper

278 100

139 16.2 16.6 24.8#

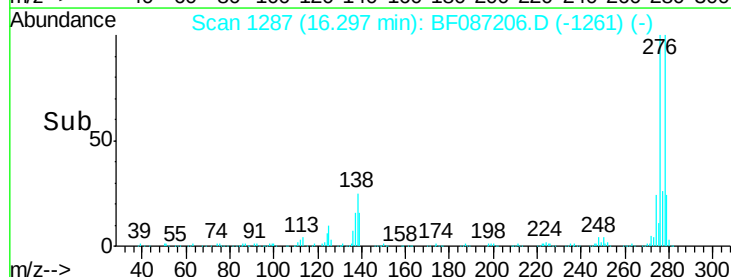
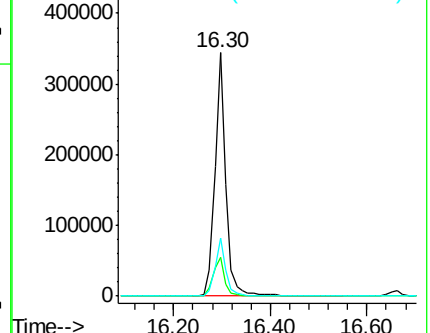
279 23.8 19.6 29.4

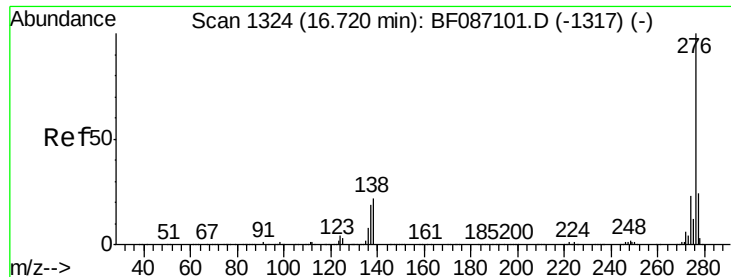


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.59 ng

RT: 16.66 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF087206.D

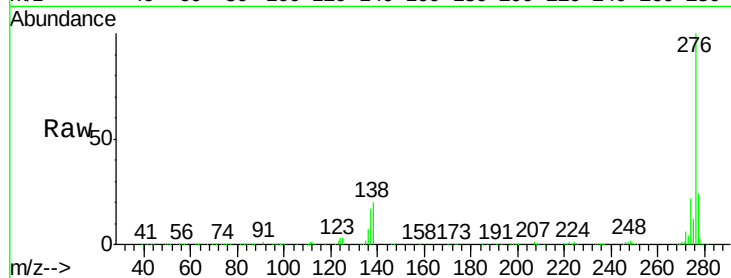
Acq: 20 May 2016 2:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 276 Resp: 552585

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 19.6 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

