

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081861.D
 Acq On : 29 Sep 2015 2:29
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 29 04:35:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	100392	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	394017	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	195882	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	360268	20.00	ng	0.00
75) Chrysene-d12	14.12	240	340793	20.00	ng	0.00
86) Perylene-d12	15.58	264	291890	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	400315	72.39	ng	0.00
7) Phenol-d6	6.56	99	527679	75.83	ng	0.00
23) Nitrobenzene-d5	7.50	82	451068	76.31	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	148291	74.75	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	926013	77.82	ng	0.00
78) Terphenyl-d14	13.05	244	874329	82.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	94226	39.18	ng	84
3) Pyridine	3.29	79	242449	38.72	ng	86
4) n-Nitrosodimethylamine	3.25	42	100101	35.20	ng	94
6) Aniline	6.59	93	355623	38.04	ng	# 85
8) 2-Chlorophenol	6.71	128	237349	38.87	ng	87
9) Benzaldehyde	6.48	77	178319	39.13	ng	# 80
10) Phenol	6.57	94	290942	37.27	ng	78
11) bis(2-Chloroethyl)ether	6.66	93	229598	37.93	ng	95
12) 1,3-Dichlorobenzene	6.87	146	277737	38.50	ng	# 93
13) 1,4-Dichlorobenzene	6.95	146	293546	38.97	ng	# 93
14) 1,2-Dichlorobenzene	6.95	146	298542	44.48	ng	95
15) Benzyl Alcohol	7.07	79	190543	37.93	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.21	45	334028	39.03	ng	77
17) 2-Methylphenol	7.19	107	185062	37.38	ng	# 87
18) Hexachloroethane	7.44	117	89229	37.84	ng	90
19) n-Nitroso-di-n-propylamine	7.35	70	161311	38.14	ng	# 76
20) 3+4-Methylphenols	7.34	107	240072	38.39	ng	# 69
22) Acetophenone	7.35	105	323686	40.18	ng	# 84
24) Nitrobenzene	7.52	77	270182	42.10	ng	# 72
25) Isophorone	7.76	82	447408	38.19	ng	# 97
26) 2-Nitrophenol	7.84	139	119687	38.85	ng	# 76
27) 2,4-Dimethylphenol	7.87	122	201332	37.15	ng	# 84
28) bis(2-Chloroethoxy)methane	7.97	93	271933	39.09	ng	# 92
29) 2,4-Dichlorophenol	8.08	162	208629	39.70	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	233114	39.73	ng	98
31) Naphthalene	8.24	128	706698	40.48	ng	98
32) Benzoic acid	7.99	122	97341	32.77	ng	# 75
33) 4-Chloroaniline	8.30	127	300610	39.82	ng	# 93
34) Hexachlorobutadiene	8.35	225	138964	40.05	ng	97
35) Caprolactam	8.66	113	57090	39.24	ng	# 84
36) 4-Chloro-3-methylphenol	8.77	107	208664	40.60	ng	# 77
37) 2-Methylnaphthalene	8.94	142	480742	40.34	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	237694	39.53	ng	97
40) Hexachlorocyclopentadiene	9.09	237	123639	39.92	ng	98

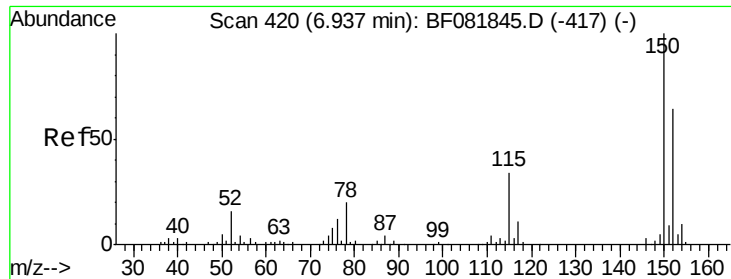
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	151675	36.79	ng	99
43) 2,4,5-Trichlorophenol	9.26	196	171248	40.39	ng #	96
45) 1,1'-Biphenyl	9.41	154	568848	37.64	ng	94
46) 2-Chloronaphthalene	9.43	162	453888	38.25	ng	98
47) 2-Nitroaniline	9.52	65	135942	39.03	ng #	64
48) Acenaphthylene	9.84	152	728372	38.35	ng	96
49) Dimethylphthalate	9.70	163	524902	38.82	ng #	97
50) 2,6-Dinitrotoluene	9.76	165	110760	37.73	ng #	48
51) Acenaphthene	10.01	154	423860	37.58	ng	88
52) 3-Nitroaniline	9.94	138	136836	40.29	ng #	89
53) 2,4-Dinitrophenol	10.05	184	34756	37.99	ng #	63
54) Dibenzofuran	10.18	168	602506	37.80	ng #	87
55) 4-Nitrophenol	10.09	139	93877	38.26	ng #	62
56) 2,4-Dinitrotoluene	10.17	165	152981	40.88	ng #	95
57) Fluorene	10.53	166	482629	42.21	ng	91
58) 2,3,4,6-Tetrachlorophenol	10.30	232	134134	39.89	ng	94
59) Diethylphthalate	10.40	149	503623	39.88	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	213760	36.63	ng	95
61) 4-Nitroaniline	10.55	138	131005	38.47	ng #	41
62) Azobenzene	10.67	77	477312	38.72	ng	87
64) 4,6-Dinitro-2-methylphenol	10.57	198	64511	40.92	ng	90
65) n-Nitrosodiphenylamine	10.64	169	434161	39.83	ng	92
66) 4-Bromophenyl-phenylether	11.02	248	143674	39.55	ng #	87
67) Hexachlorobenzene	11.07	284	160011	39.03	ng #	80
68) Atrazine	11.17	200	139814	41.34	ng	85
69) Pentachlorophenol	11.27	266	93609	40.07	ng	99
70) Phenanthrene	11.49	178	705658	40.54	ng	96
71) Anthracene	11.54	178	752999	41.12	ng	97
72) Carbazole	11.70	167	667395	40.27	ng	96
73) Di-n-butylphthalate	12.02	149	731340	43.27	ng #	98
74) Fluoranthene	12.67	202	758310	39.29	ng	93
76) Benzidine	12.81	184	407959	39.73	ng	97
77) Pyrene	12.91	202	773112	37.97	ng	96
79) Butylbenzylphthalate	13.53	149	298756	39.00	ng #	88
80) Benzo(a)anthracene	14.10	228	716078	39.02	ng	97
81) 3,3'-Dichlorobenzidine	14.07	252	255246	41.18	ng #	94
82) Chrysene	14.14	228	696023	42.06	ng	94
83) Bis(2-ethylhexyl)phthalate	14.08	149	384824	40.04	ng #	91
84) Di-n-octyl phthalate	14.70	149	626425	40.06	ng #	92
85) Indeno(1,2,3-cd)pyrene	17.04	276	576840	40.18	ng #	86
87) Benzo(b)fluoranthene	15.16	252	679898	40.80	ng #	84
88) Benzo(k)fluoranthene	15.16	252	679898	44.51	ng #	85
89) Benzo(a)pyrene	15.52	252	548309	37.93	ng #	84
90) Dibenzo(a,h)anthracene	17.06	278	470690	38.81	ng #	82
91) Benzo(g,h,i)perylene	17.49	276	475769	38.28	ng #	76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081861.D

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BNA_F

ClientSampleId :

SSTDCCC040

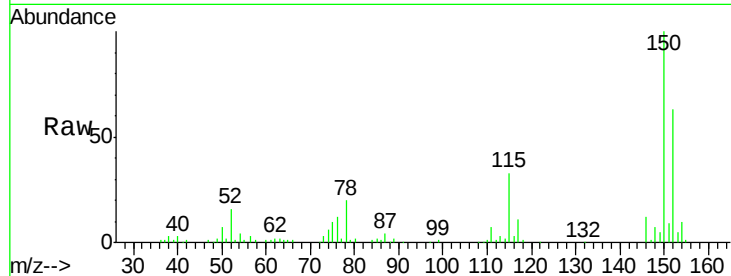
Tgt Ion:152 Resp: 100392

Ion Ratio Lower Upper

152 100

150 157.6 124.7 187.1

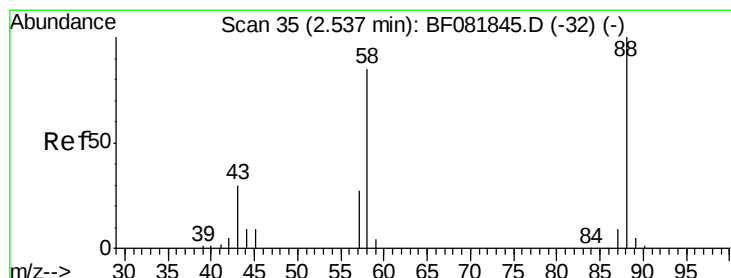
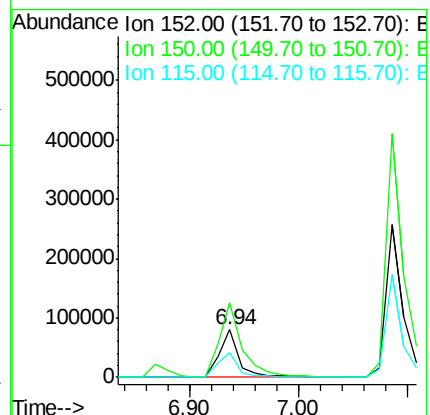
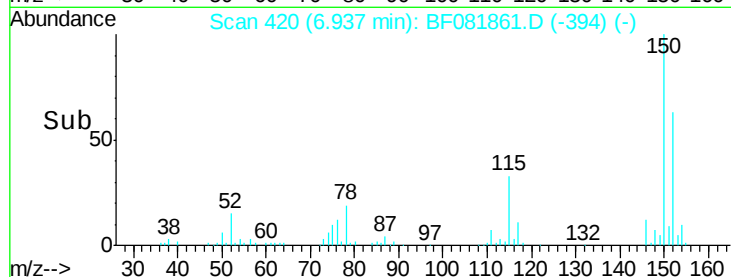
115 52.6 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.18 ng

RT: 2.53 min Scan# 34

Delta R.T. -0.01 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

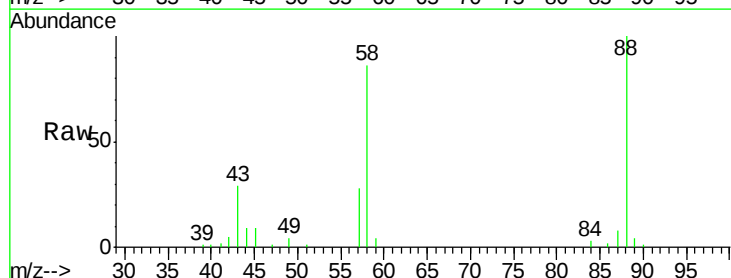
Tgt Ion: 88 Resp: 94226

Ion Ratio Lower Upper

88 100

58 79.7 77.7 116.5

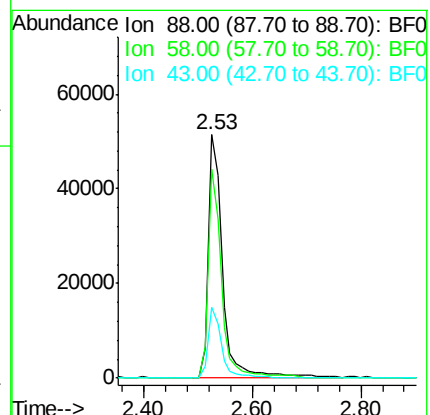
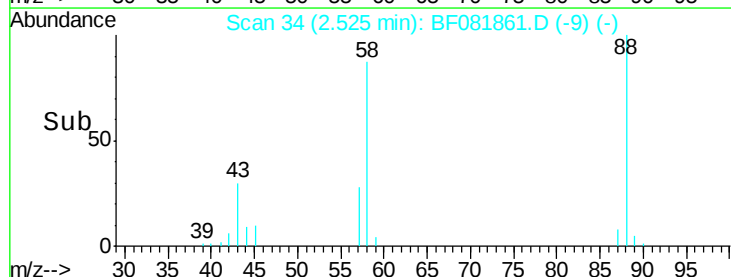
43 27.2 26.6 40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.72 ng

RT: 3.29 min Scan# 101

Delta R.T. -0.01 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

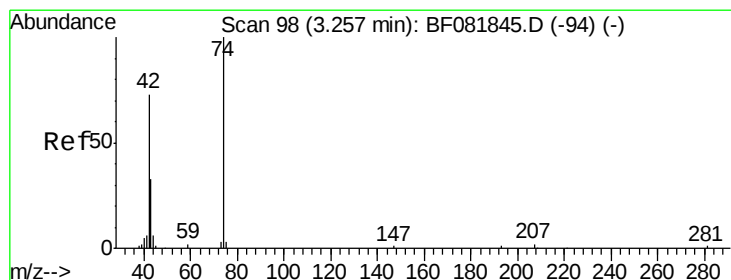
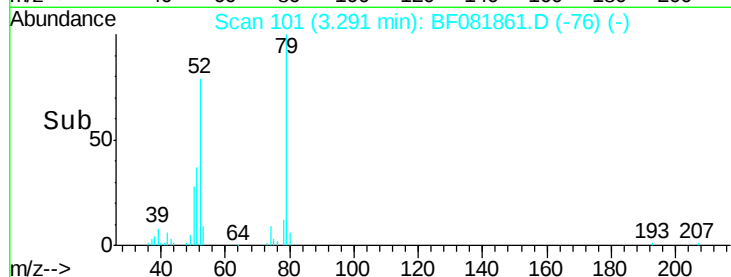
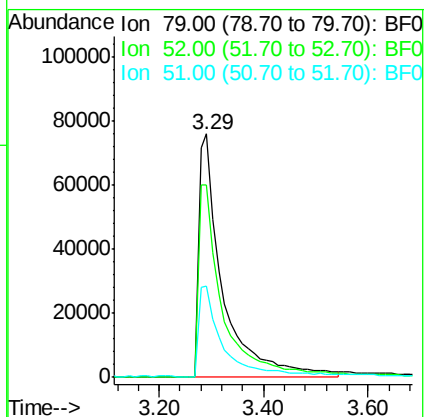
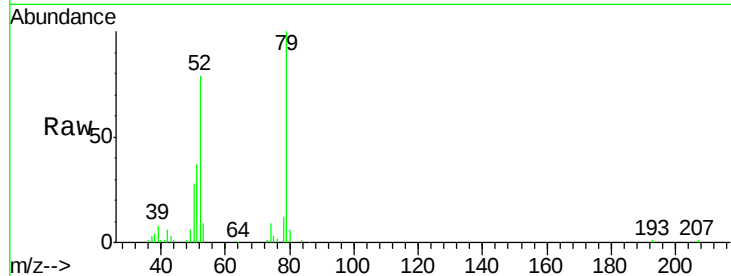
Tgt Ion: 79 Resp: 242449

Ion Ratio Lower Upper

79 100

52 78.9 76.8 115.2

51 37.5 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 35.20 ng

RT: 3.25 min Scan# 97

Delta R.T. -0.01 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

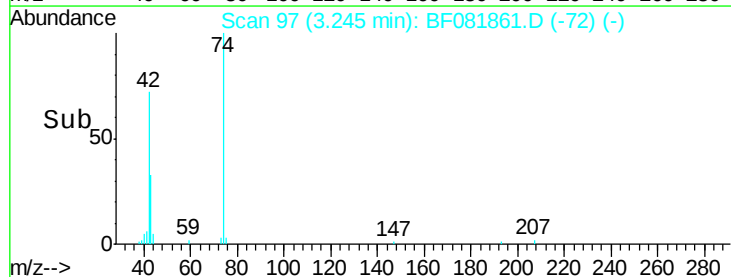
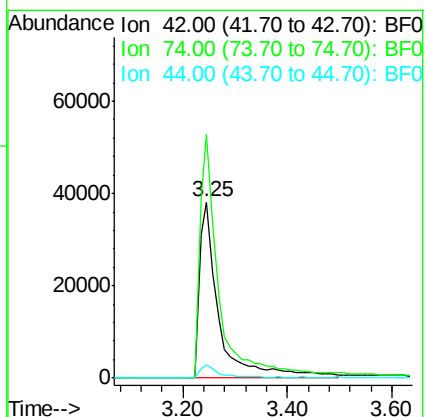
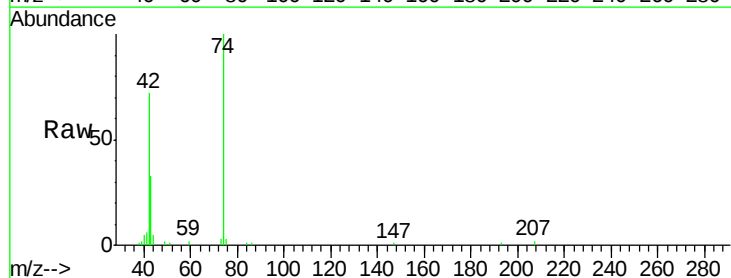
Tgt Ion: 42 Resp: 100101

Ion Ratio Lower Upper

42 100

74 138.5 105.0 157.6

44 7.3 6.6 10.0

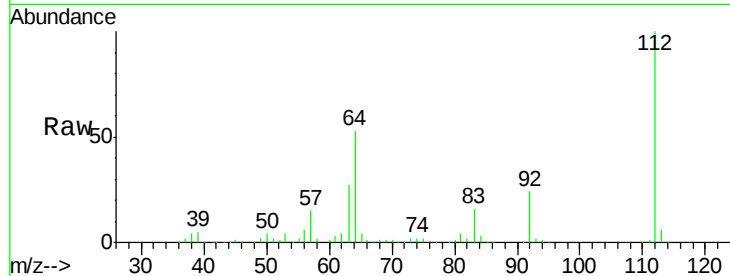




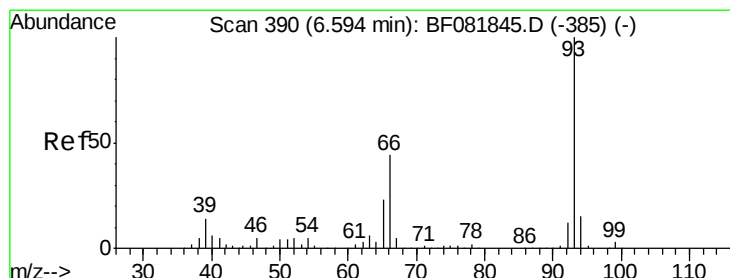
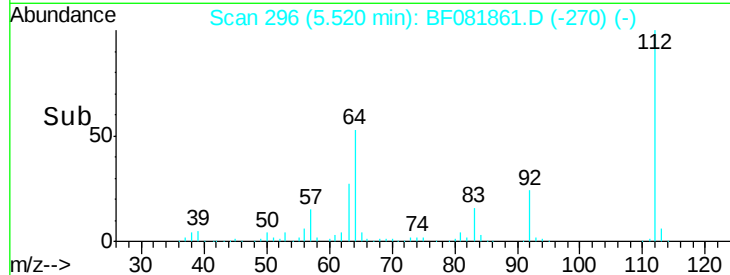
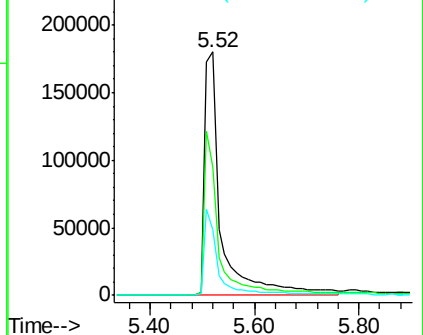
#5
 2-Fluorophenol
 Concen: 72.39 ng
 RT: 5.52 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 112 Resp: 400315
 Ion Ratio Lower Upper
 112 100
 64 53.0 39.7 59.5
 63 27.1 17.4 26.0#

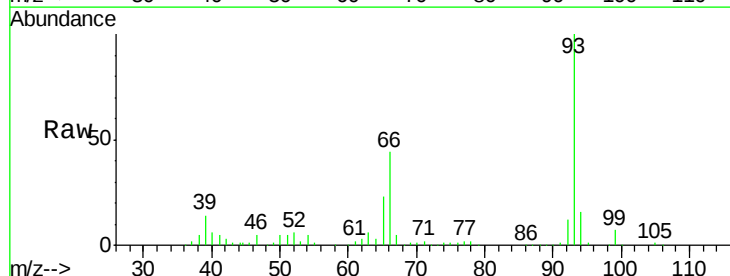


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

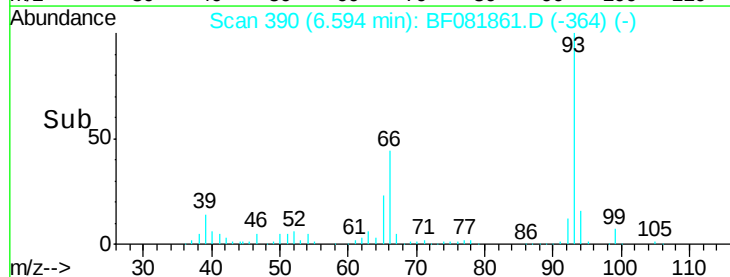
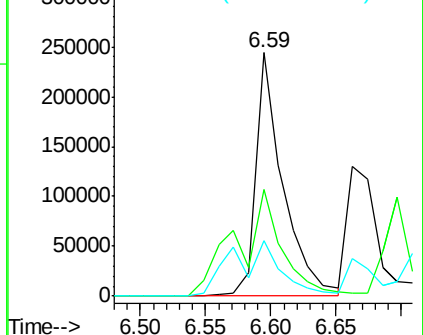


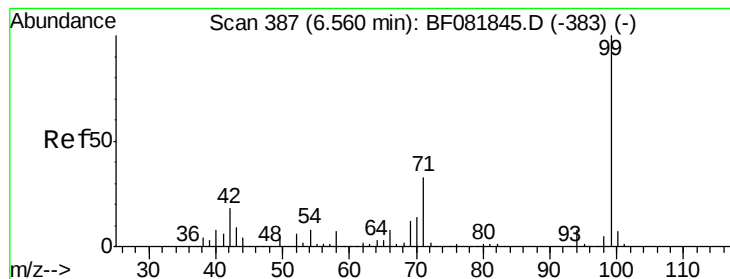
#6
 Aniline
 Concen: 38.04 ng
 RT: 6.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Tgt Ion: 93 Resp: 355623
 Ion Ratio Lower Upper
 93 100
 66 44.0 27.2 40.8#
 65 23.0 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 66.00 (65.70 to 66.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.83 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

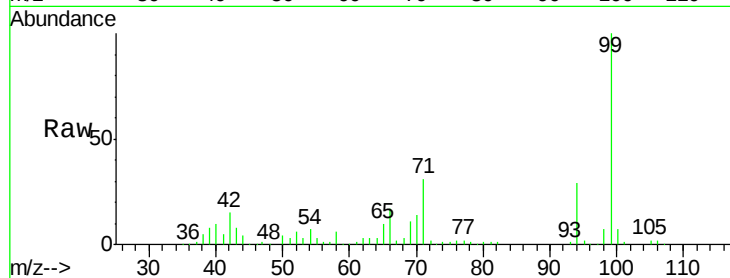
Tgt Ion: 99 Resp: 527679

Ion Ratio Lower Upper

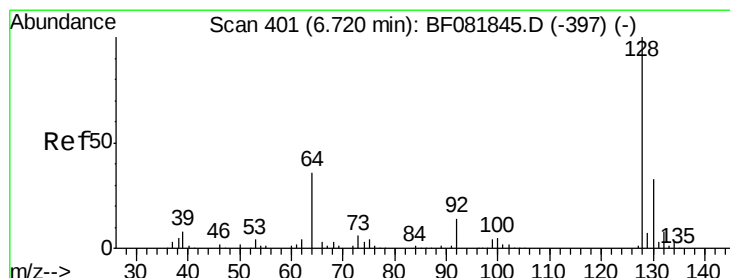
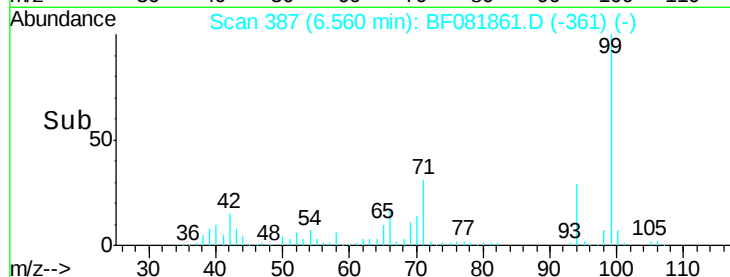
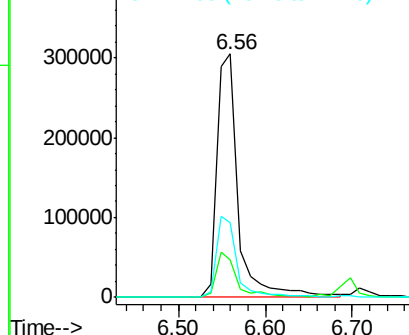
99 100

42 15.4 13.7 20.5

71 30.6 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.87 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

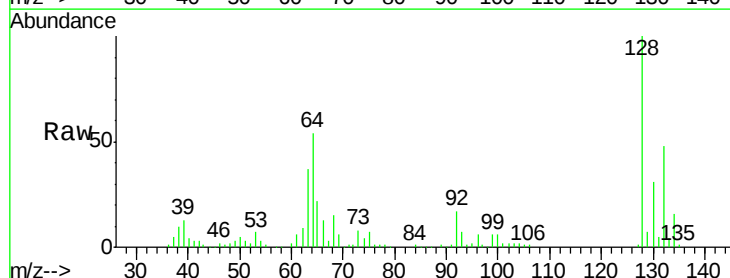
Tgt Ion: 128 Resp: 237349

Ion Ratio Lower Upper

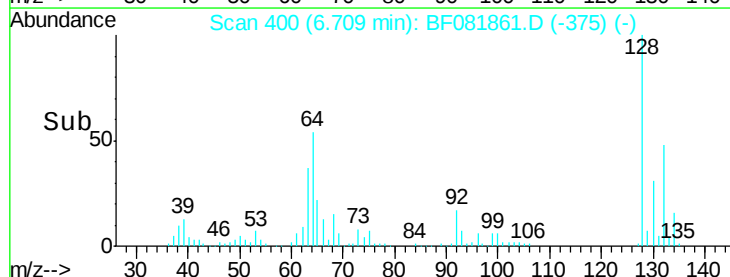
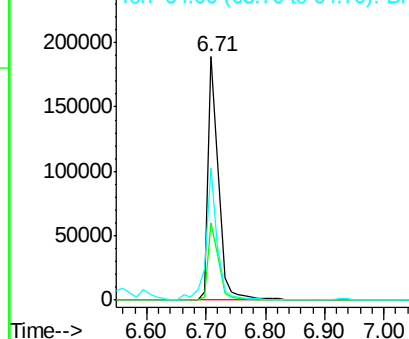
128 100

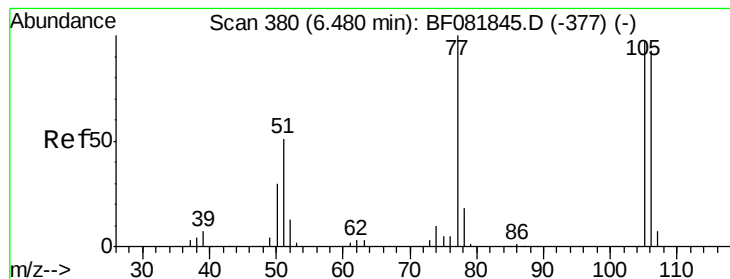
130 31.5 12.2 52.2

64 54.3 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.13 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF081861.D

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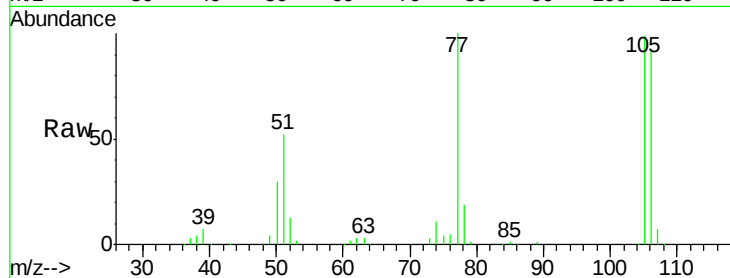
Tgt Ion: 77 Resp: 178319

Ion Ratio Lower Upper

77 100

105 98.6 91.6 131.6

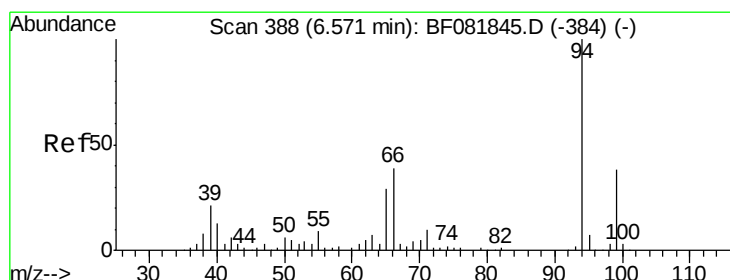
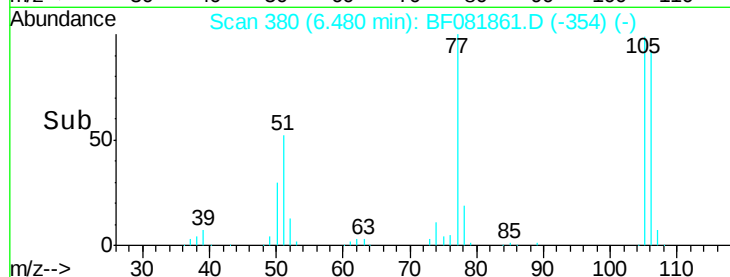
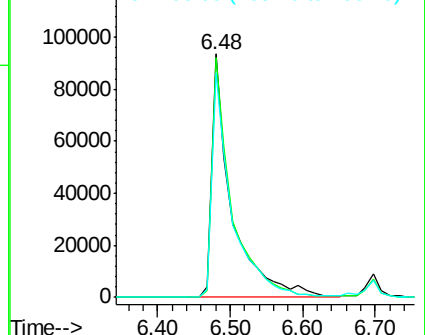
106 92.1 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.27 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

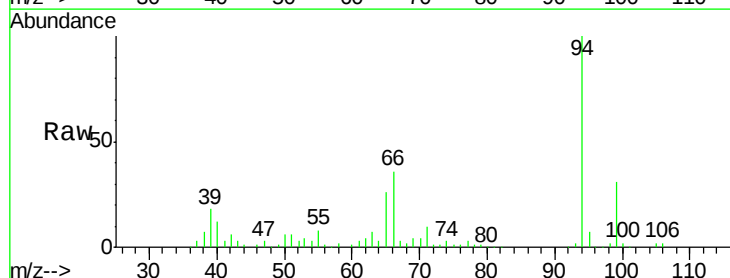
Tgt Ion: 94 Resp: 290942

Ion Ratio Lower Upper

94 100

65 26.2 0.7 40.7

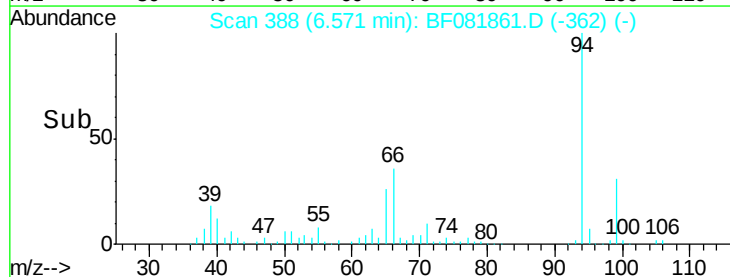
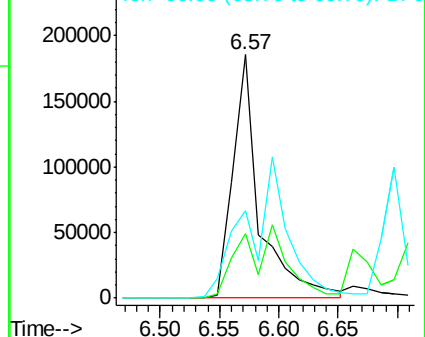
66 35.7 0.8 40.8

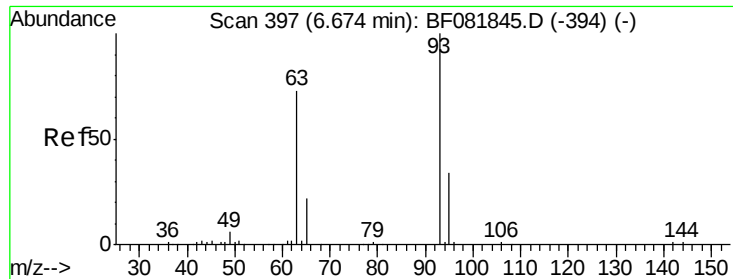


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.93 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

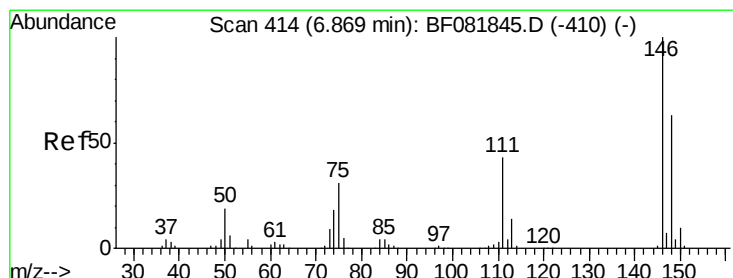
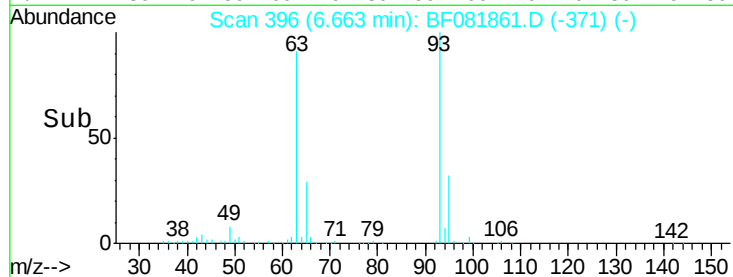
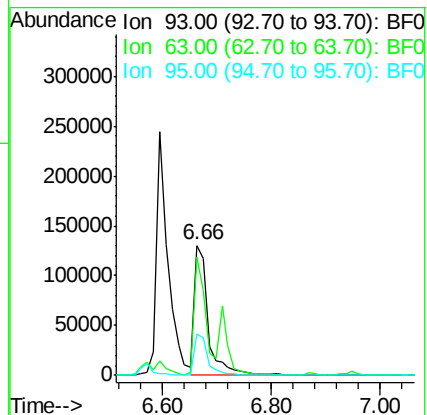
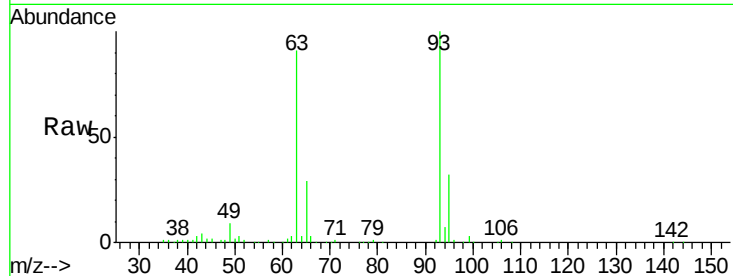
Tgt Ion: 93 Resp: 229598

Ion Ratio Lower Upper

93 100

63 91.1 65.6 105.6

95 31.5 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 38.50 ng

RT: 6.87 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

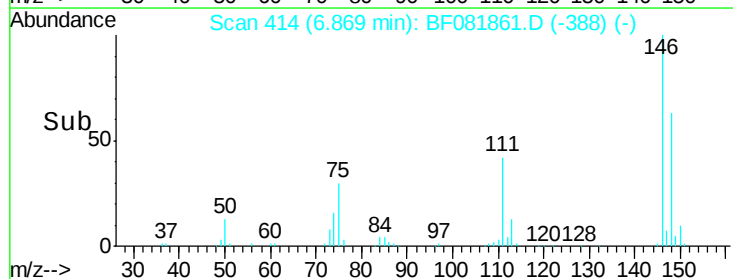
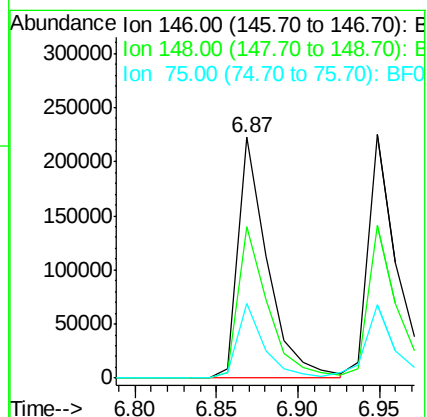
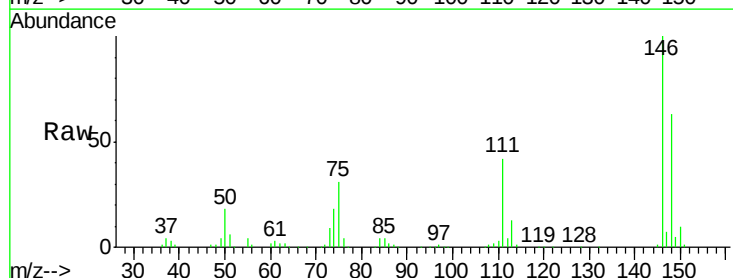
Tgt Ion: 146 Resp: 277737

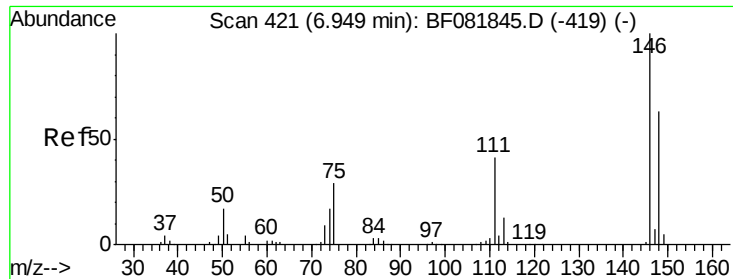
Ion Ratio Lower Upper

146 100

148 63.1 51.0 76.4

75 30.9 15.0 22.6#

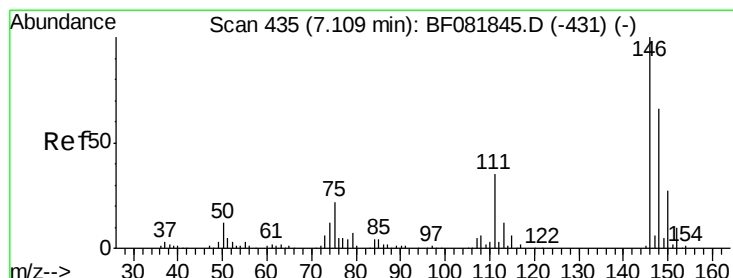
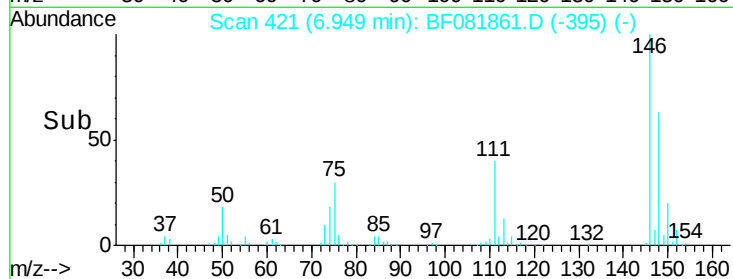
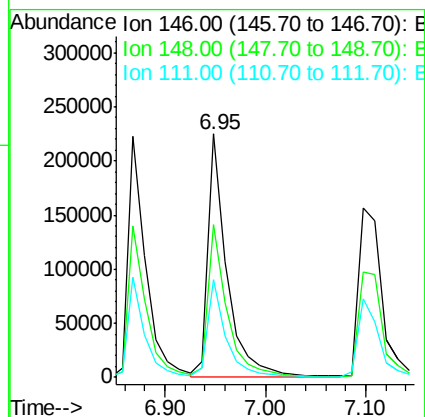
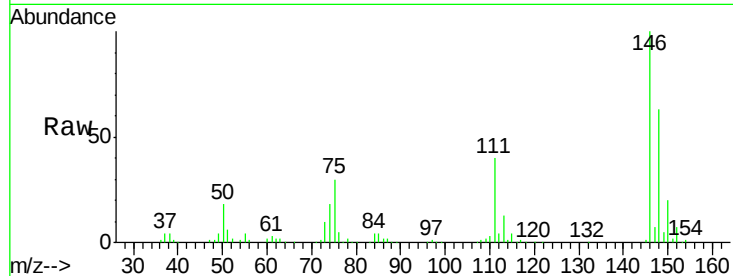




#13
 1,4-Dichlorobenzene
 Concen: 38.97 ng
 RT: 6.95 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

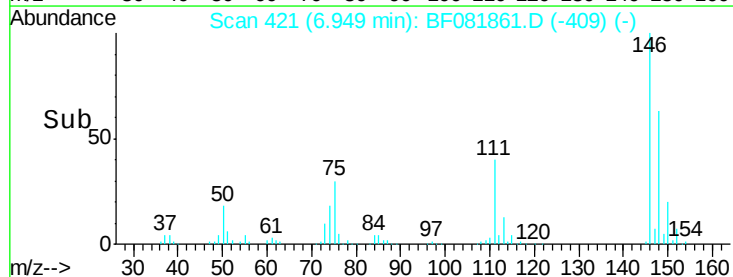
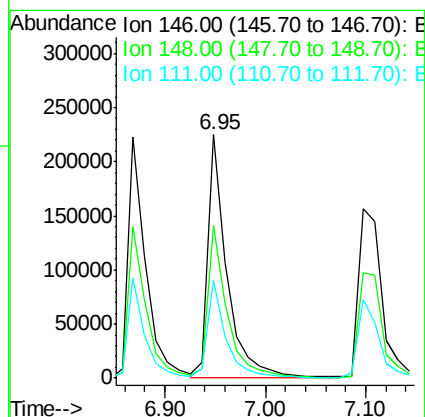
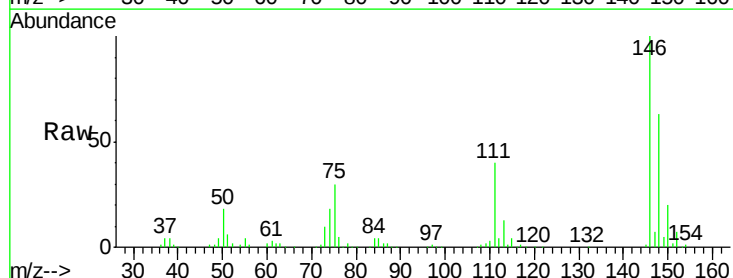
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

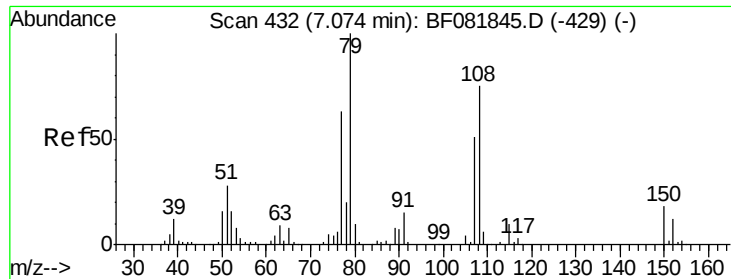
Tgt Ion:146 Resp: 293546
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.8 77.6
 111 40.2 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 44.48 ng
 RT: 6.95 min Scan# 421
 Delta R.T. -0.16 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Tgt Ion:146 Resp: 298542
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.7 79.1
 111 40.2 28.8 43.2

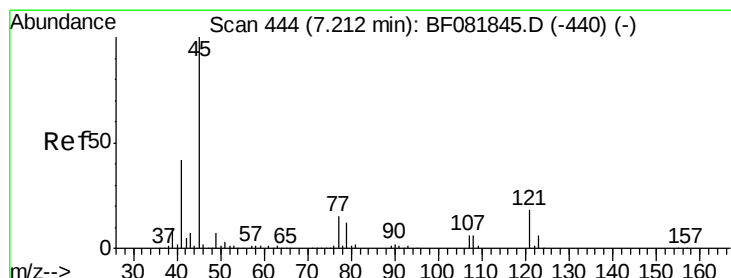
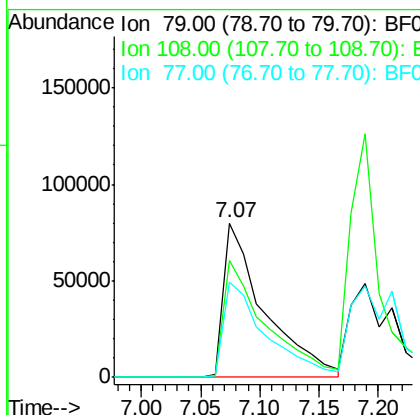
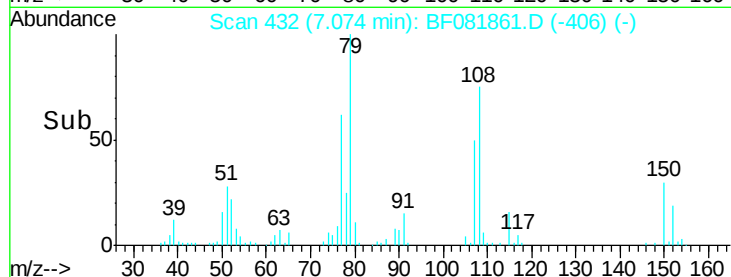
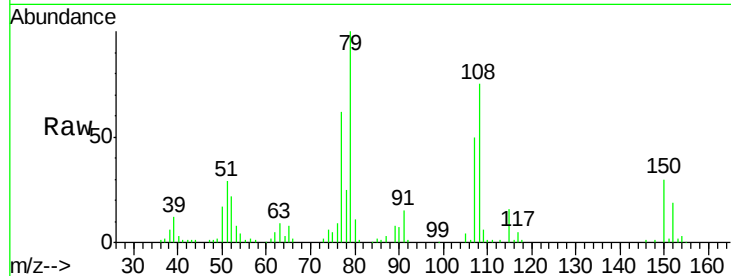




#15
Benzyl Alcohol
Concen: 37.93 ng
RT: 7.07 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

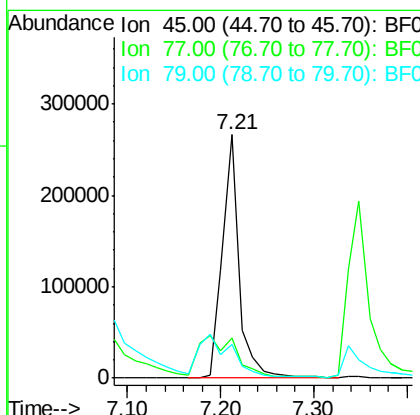
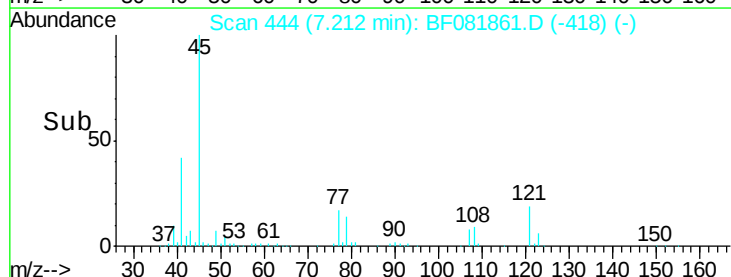
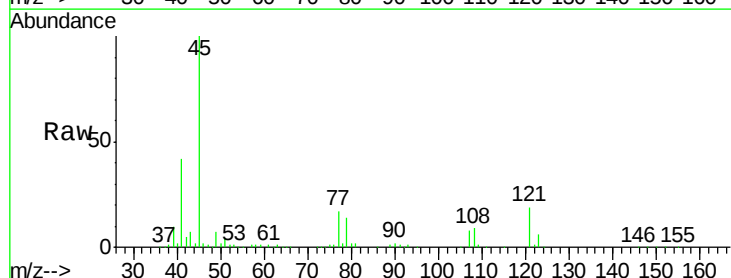
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

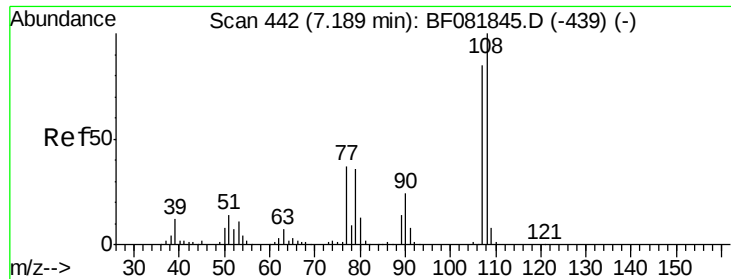
Tgt Ion: 79 Resp: 190543
Ion Ratio Lower Upper
79 100
108 75.4 88.6 132.8#
77 61.6 47.0 70.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.03 ng
RT: 7.21 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

Tgt Ion: 45 Resp: 334028
Ion Ratio Lower Upper
45 100
77 16.6 0.0 28.1
79 13.6 0.0 26.0

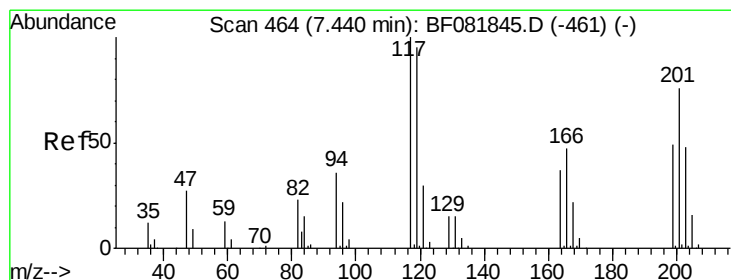
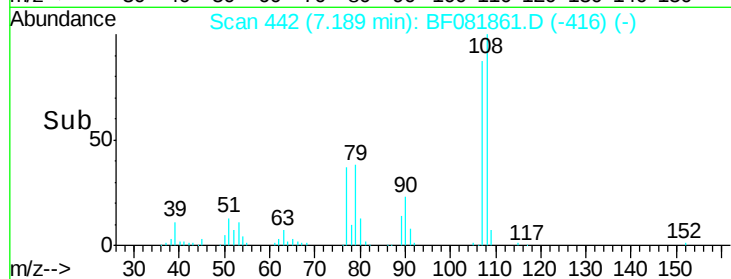
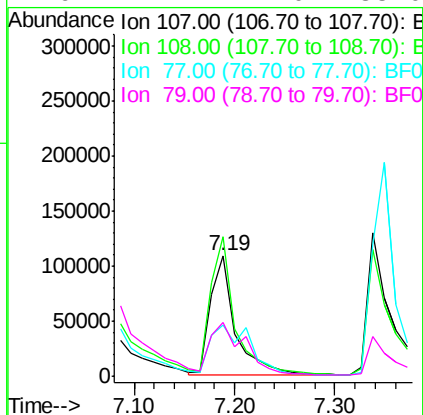
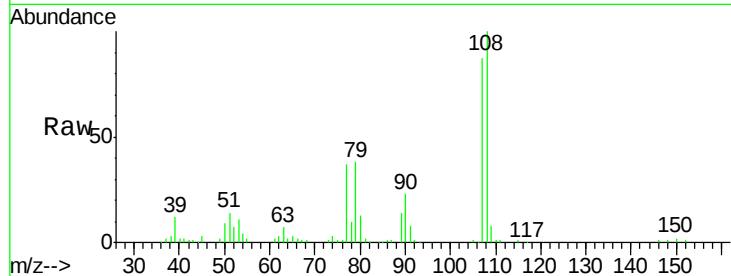




#17
2-Methylphenol
Concen: 37.38 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

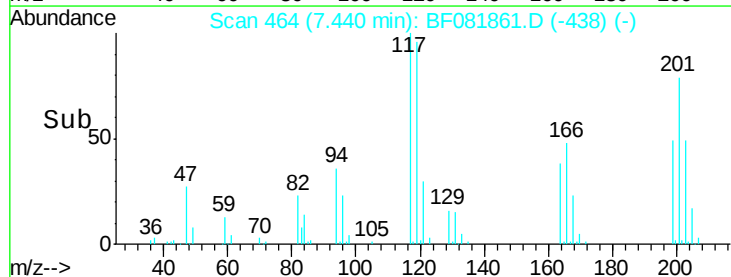
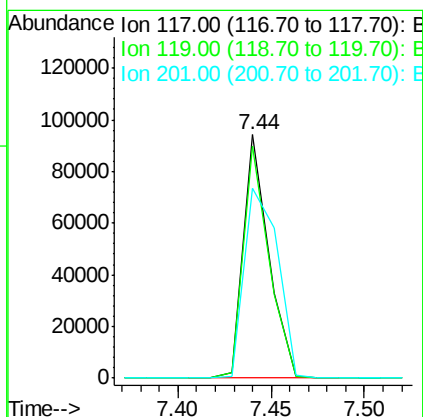
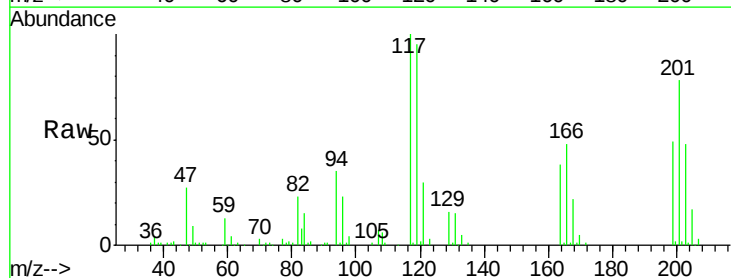
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.4	96.6	145.0
77	43.0	23.3	34.9#
79	44.4	22.0	33.0#



#18
Hexachloroethane
Concen: 37.84 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	83.8	125.6
201	78.0	55.1	82.7

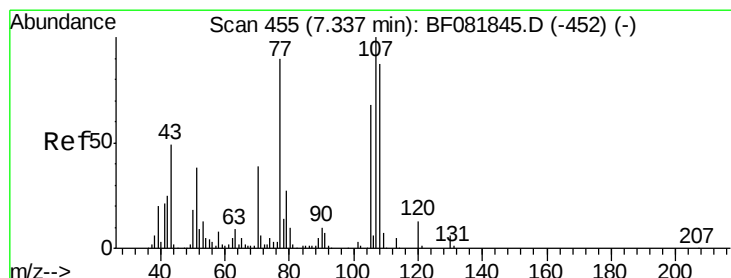
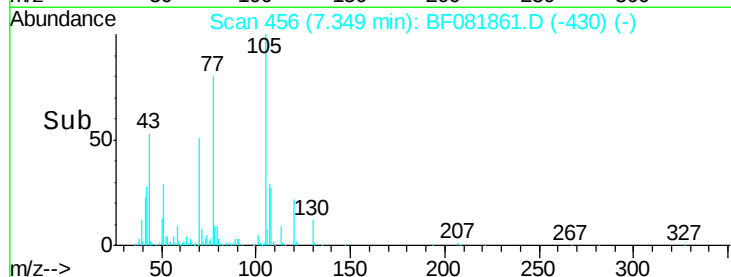
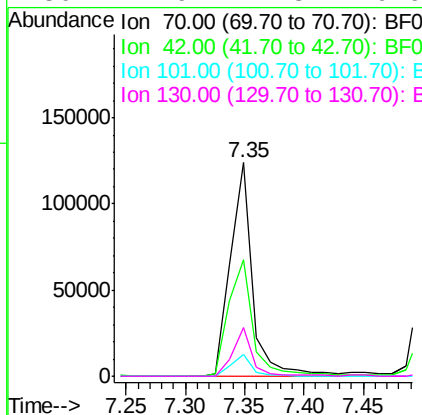
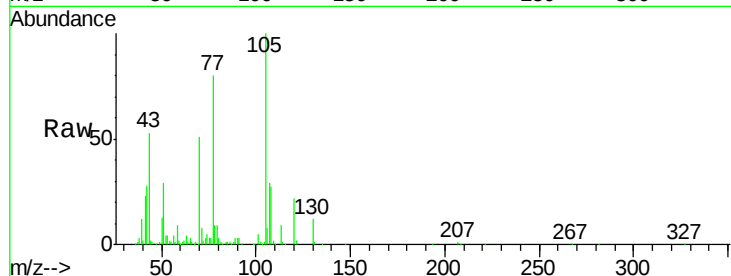




#19
n-Nitroso-di-n-propylamine
Concen: 38.14 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

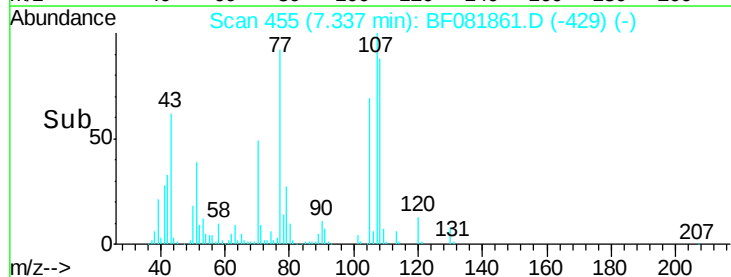
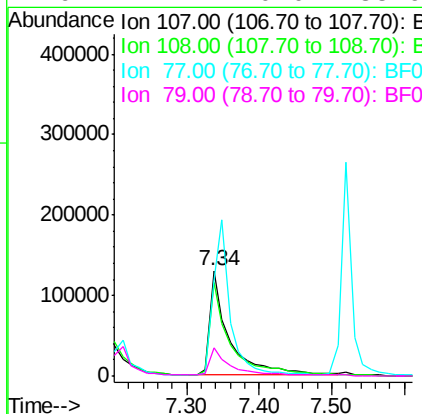
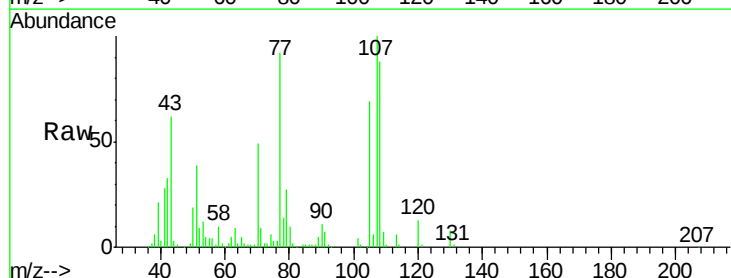
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

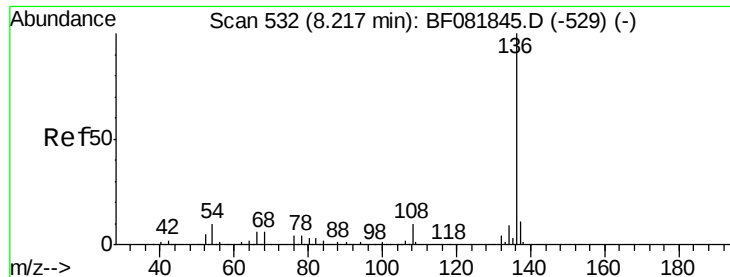
Tgt Ion: 70 Resp: 161311
Ion Ratio Lower Upper
70 100
42 54.4 63.8 95.6#
101 10.3 9.2 13.8
130 22.9 27.3 40.9#



#20
3+4-Methylphenols
Concen: 38.39 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

Tgt Ion: 107 Resp: 240072
Ion Ratio Lower Upper
107 100
108 88.4 74.6 114.6
77 92.0 0.7 40.7#
79 27.4 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 394017

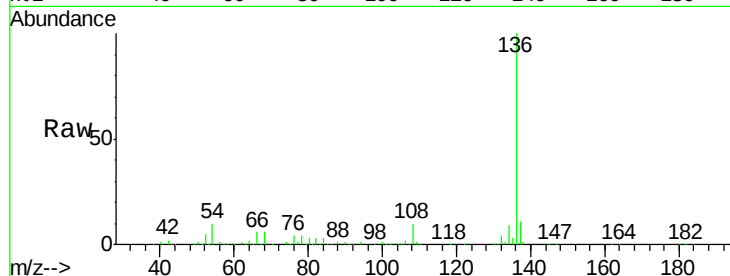
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 9.8 8.2 12.2

68 6.4 5.8 8.6

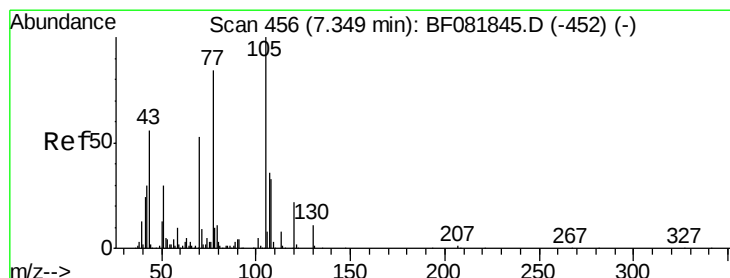
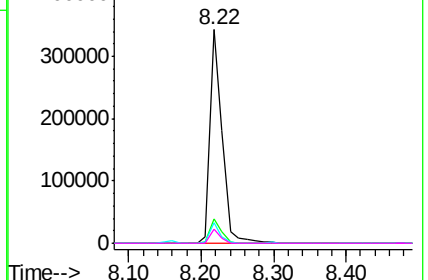
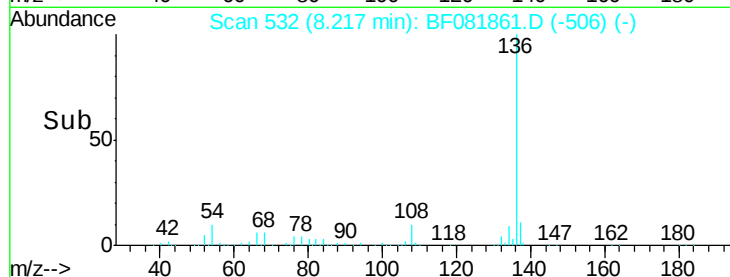


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.18 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Tgt Ion:105 Resp: 323686

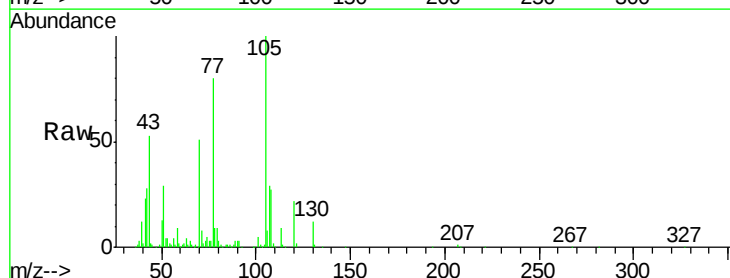
Ion Ratio Lower Upper

105 100

71 8.3 4.7 7.1#

51 28.9 22.0 33.0

120 21.8 30.1 45.1#

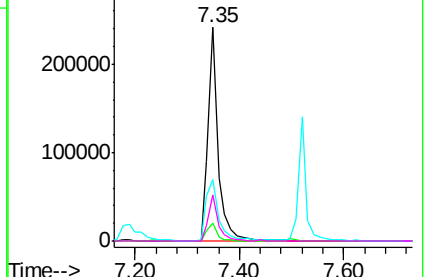
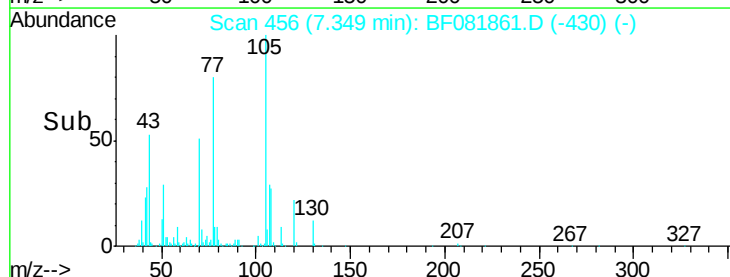


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

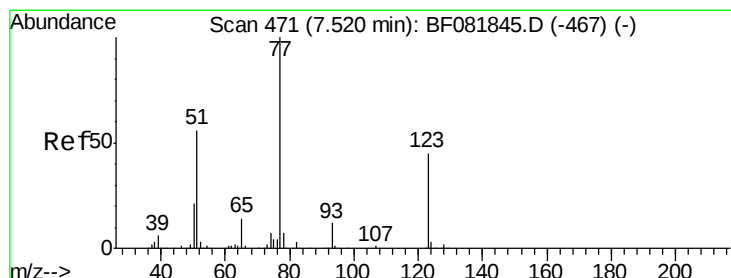
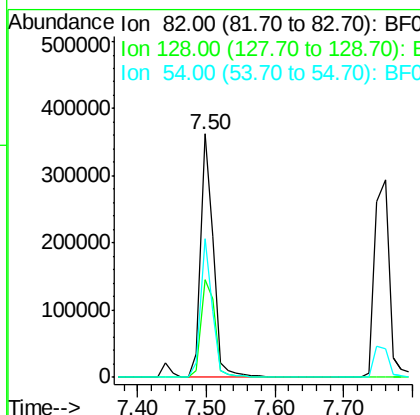
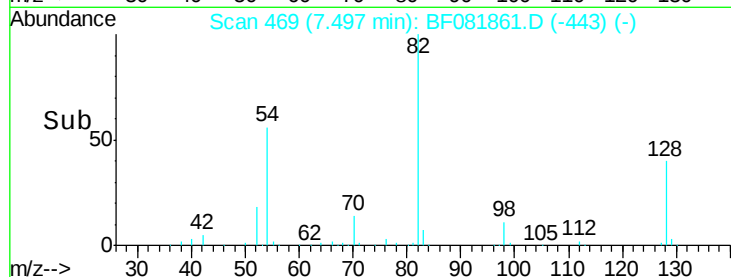
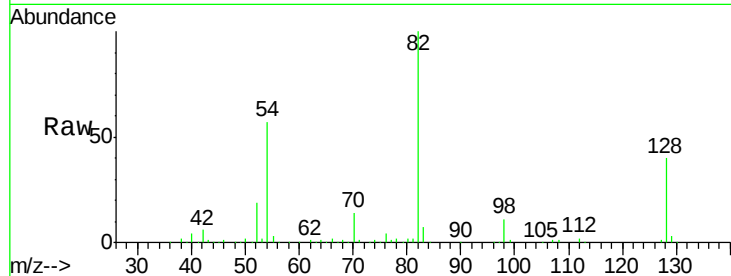




#23
 Nitrobenzene-d5
 Concen: 76.31 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

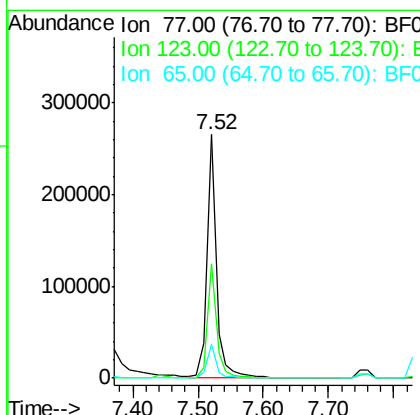
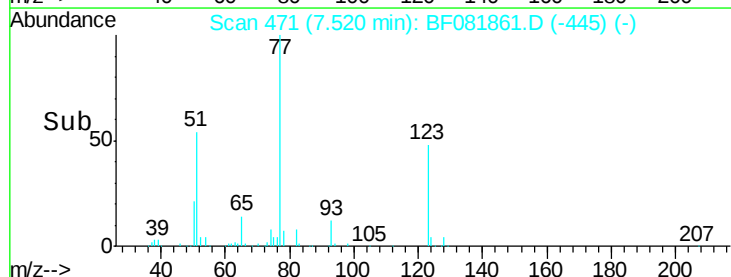
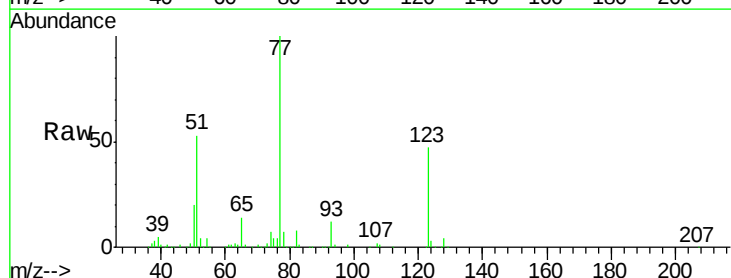
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

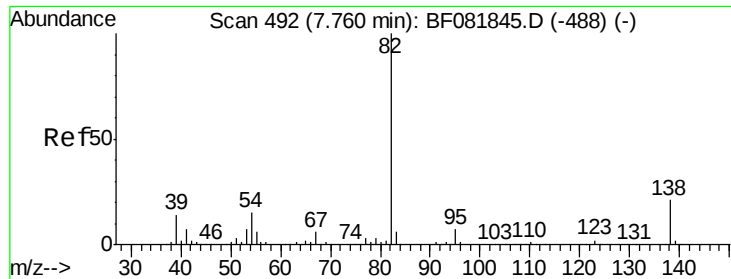
Tgt Ion: 82 Resp: 451068
 Ion Ratio Lower Upper
 82 100
 128 40.0 51.0 76.6#
 54 56.9 47.5 71.3



#24
 Nitrobenzene
 Concen: 42.10 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Tgt Ion: 77 Resp: 270182
 Ion Ratio Lower Upper
 77 100
 123 46.9 59.8 89.8#
 65 13.8 10.2 15.4





#25

Isophorone

Concen: 38.19 ng

RT: 7.76 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

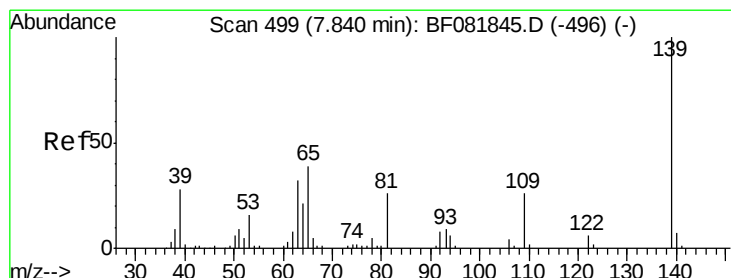
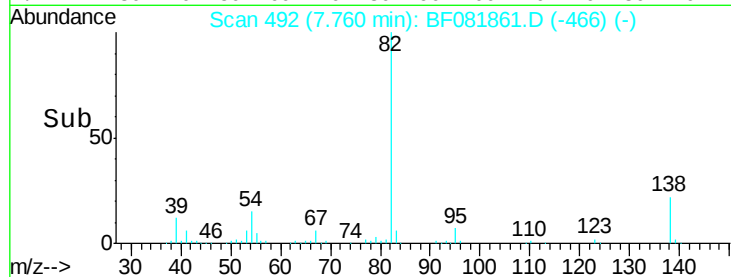
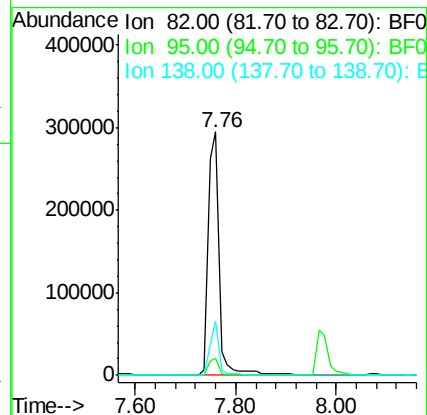
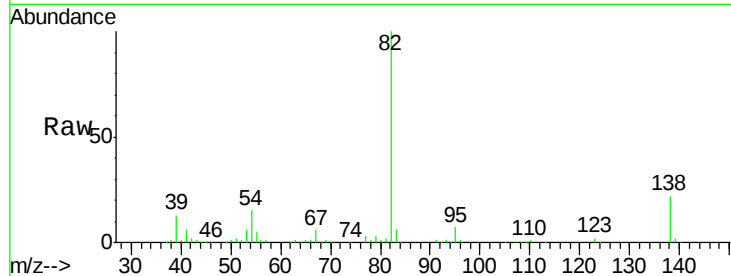
Tgt Ion: 82 Resp: 447408

Ion Ratio Lower Upper

82 100

95 7.2 4.0 6.0#

138 22.0 18.3 27.5



#26

2-Nitrophenol

Concen: 38.85 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

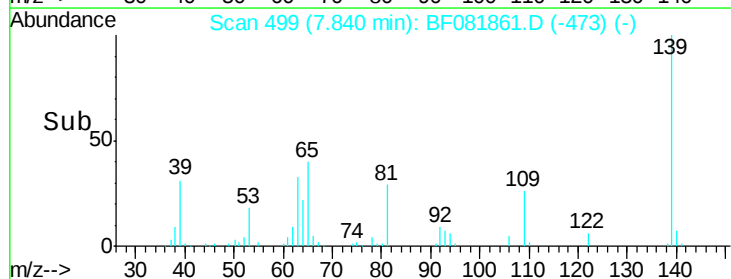
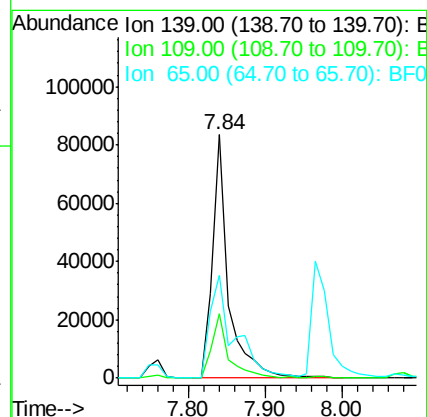
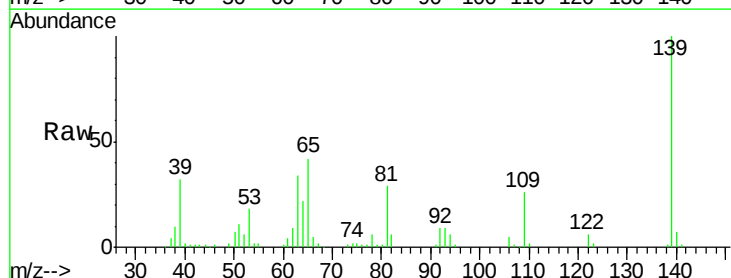
Tgt Ion: 139 Resp: 119687

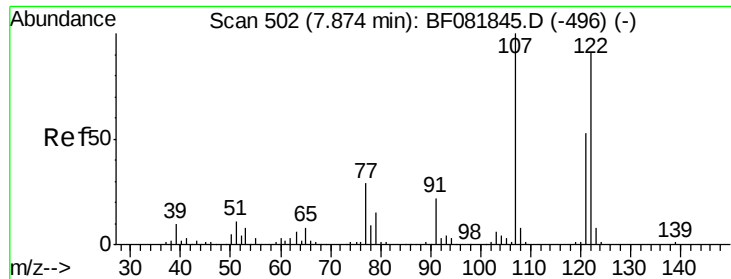
Ion Ratio Lower Upper

139 100

109 26.5 11.0 16.4#

65 42.4 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 37.15 ng

RT: 7.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

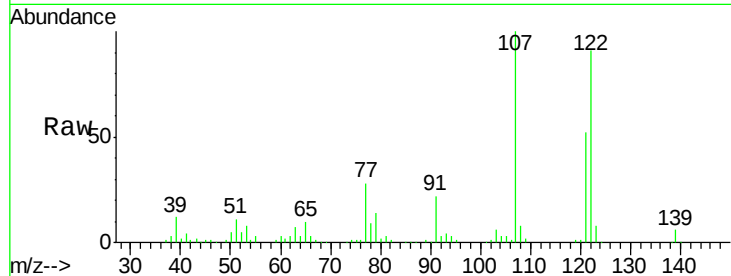
Tgt Ion:122 Resp: 201332

Ion Ratio Lower Upper

122 100

107 110.0 71.8 107.6#

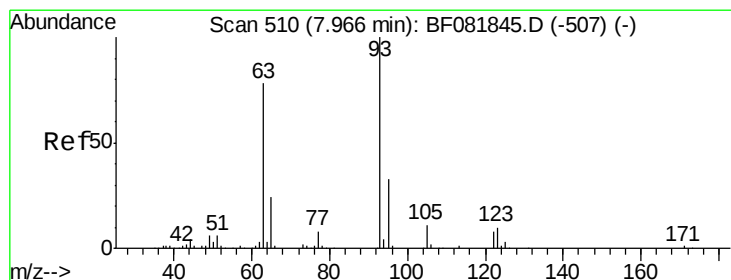
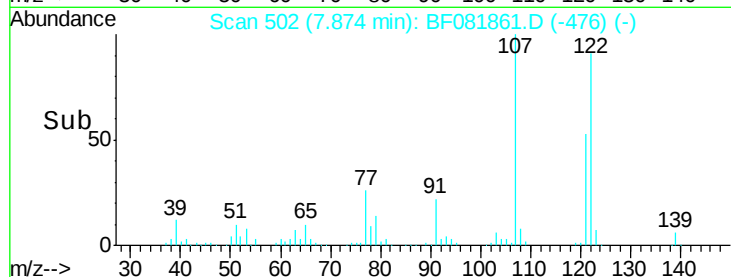
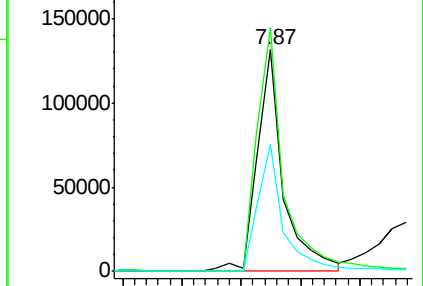
121 57.6 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.09 ng

RT: 7.97 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

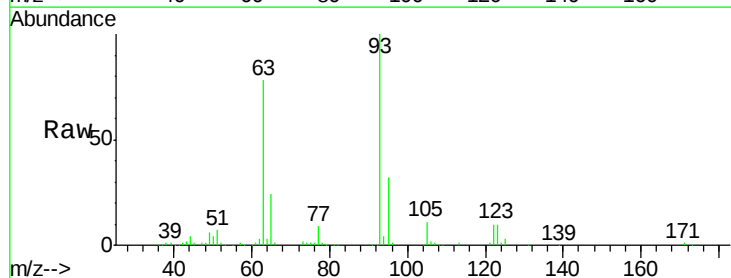
Tgt Ion: 93 Resp: 271933

Ion Ratio Lower Upper

93 100

95 32.1 27.5 41.3

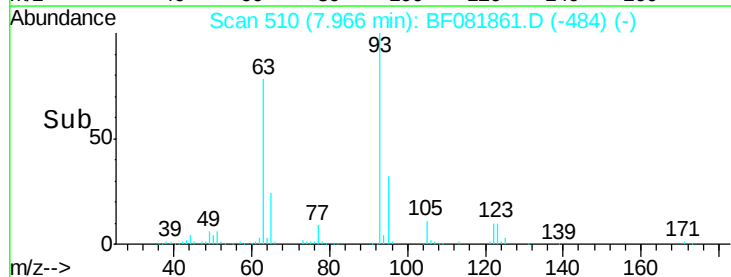
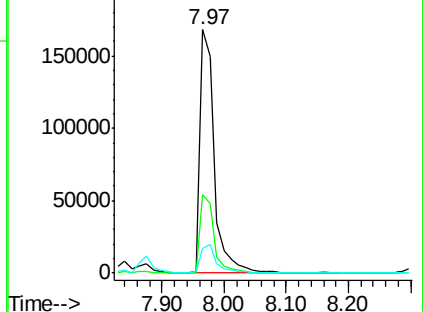
123 10.2 13.7 20.5#

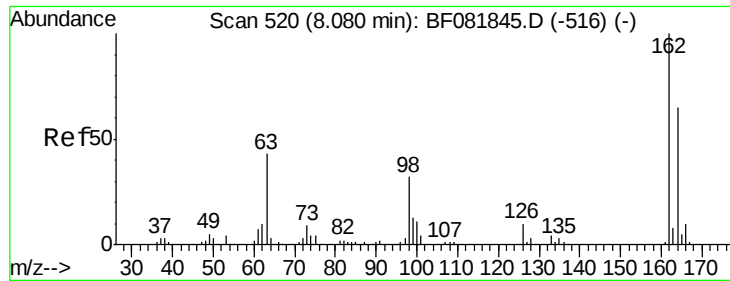


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

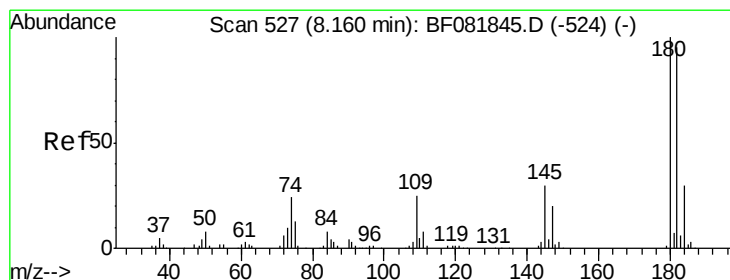
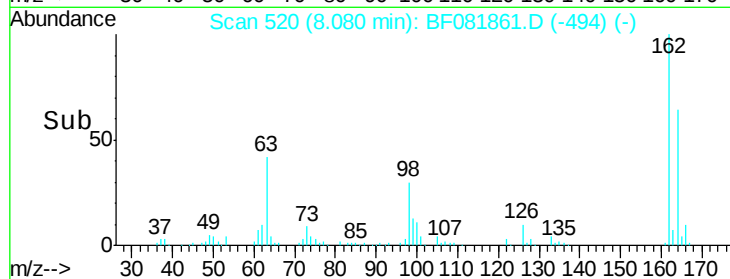
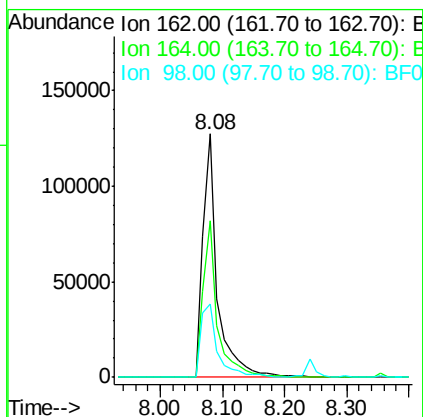
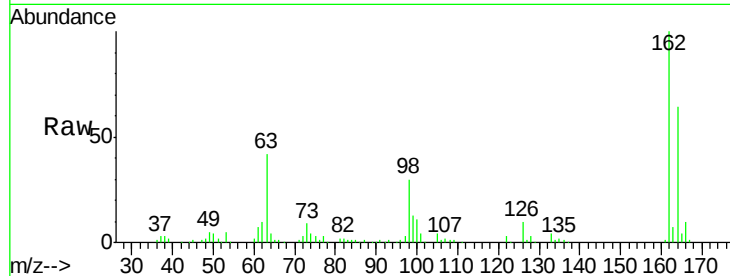




#29
 2,4-Dichlorophenol
 Concen: 39.70 ng
 RT: 8.08 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

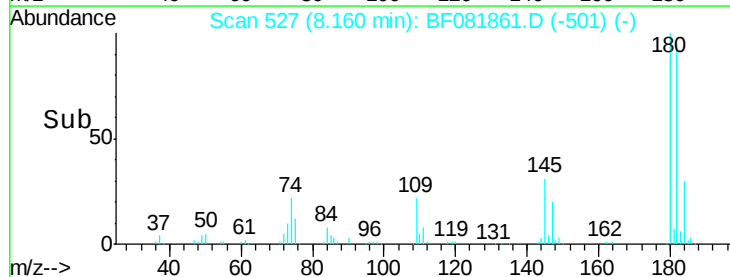
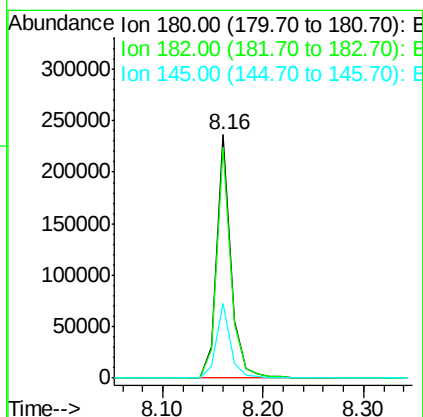
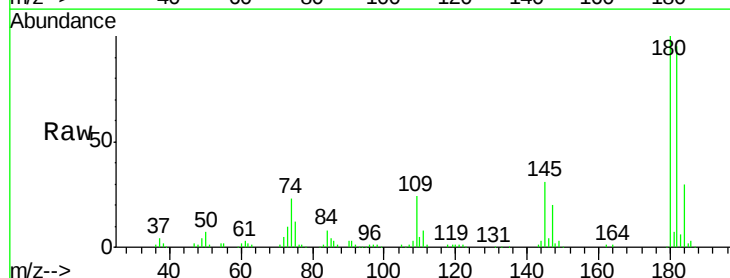
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

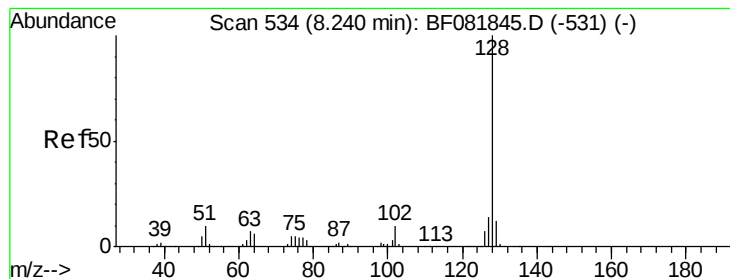
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.9	84.9
98	30.1	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.73 ng
 RT: 8.16 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.1	115.7
145	30.7	23.3	34.9





#31

Naphthalene

Concen: 40.48 ng

RT: 8.24 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

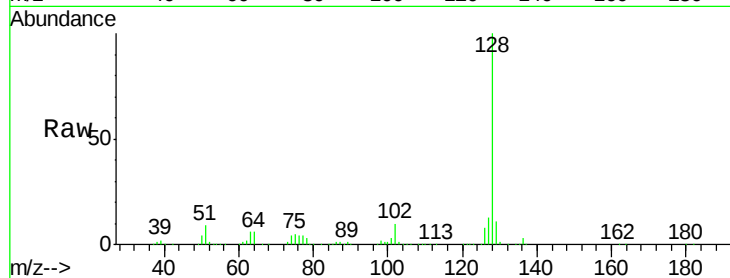
Tgt Ion:128 Resp: 706698

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

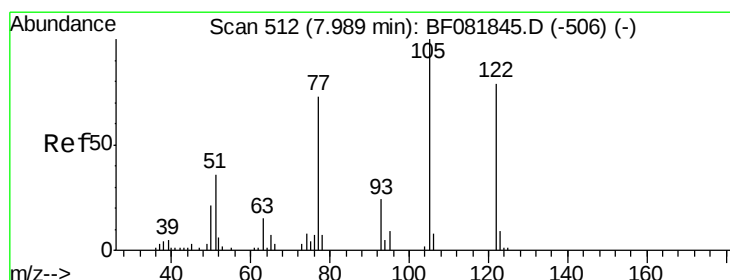
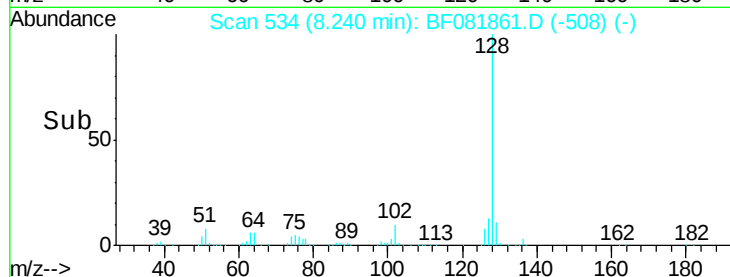
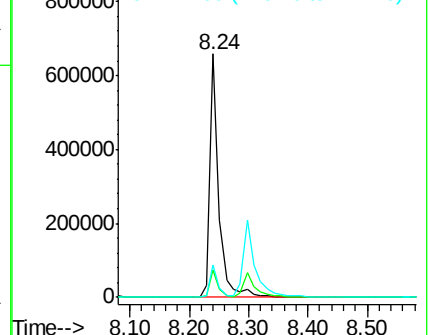
127 13.4 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.77 ng

RT: 7.99 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

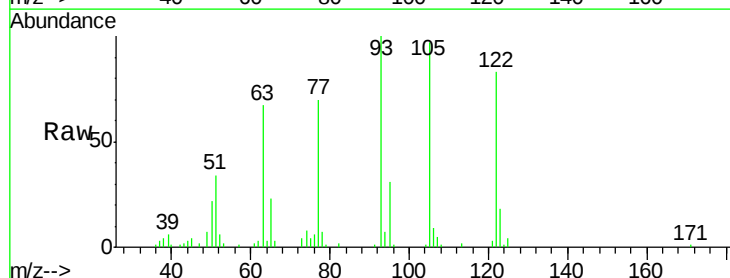
Tgt Ion:122 Resp: 97341

Ion Ratio Lower Upper

122 100

105 116.8 76.1 116.1#

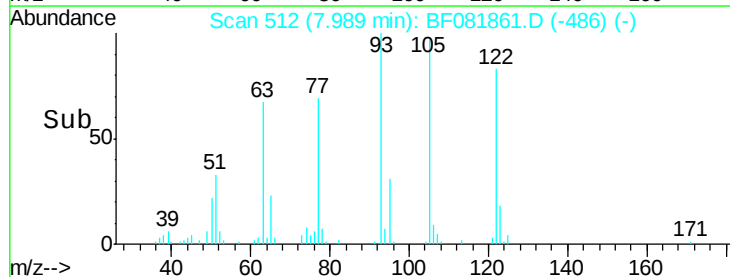
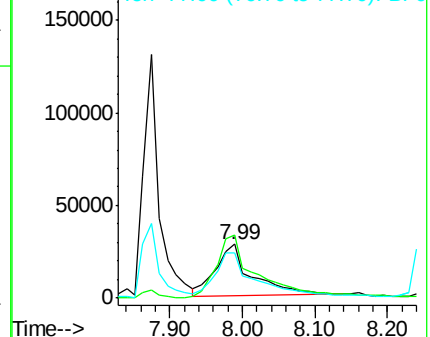
77 84.8 40.5 80.5#

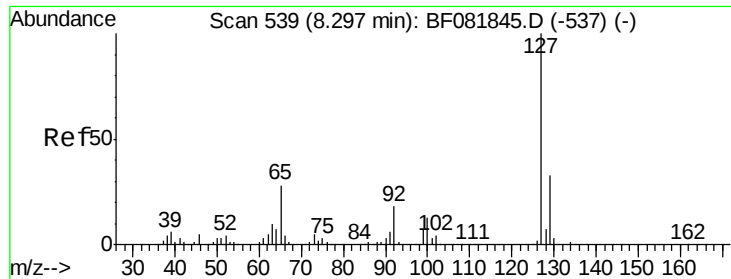


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

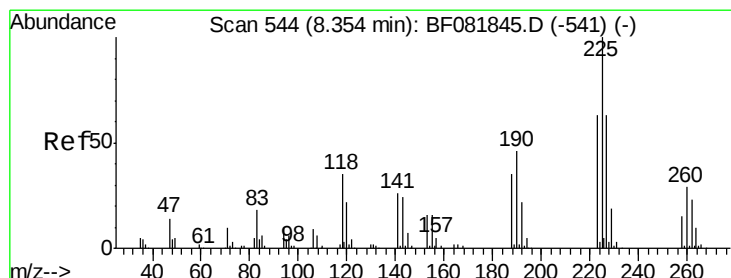
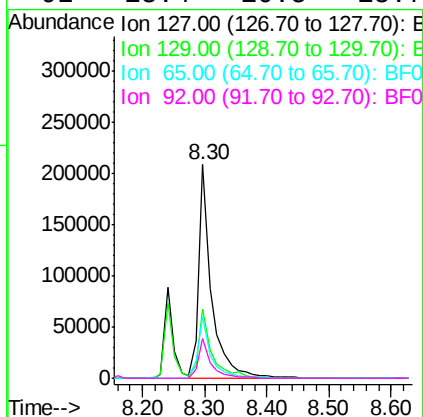
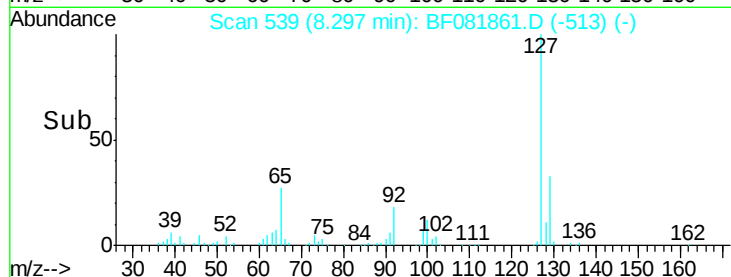
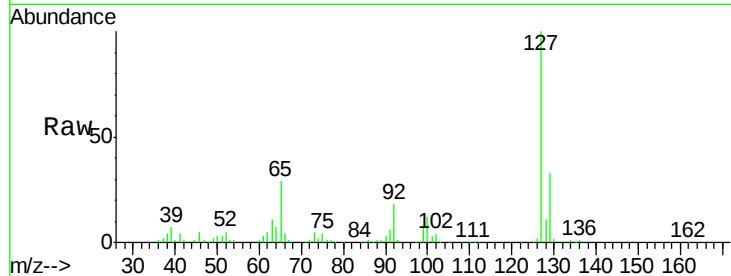




#33
4-Chloroaniline
Concen: 39.82 ng
RT: 8.30 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

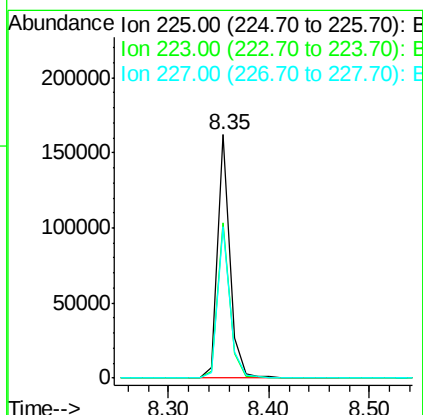
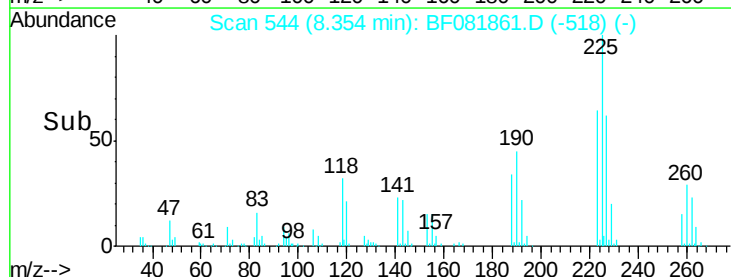
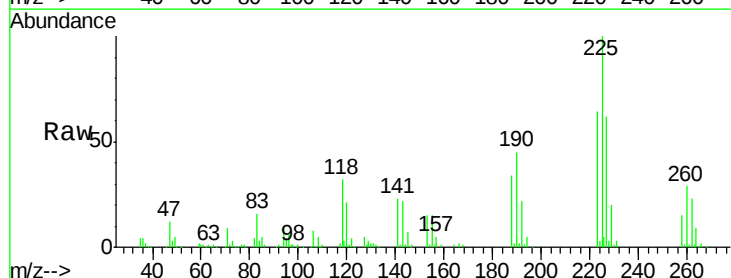
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

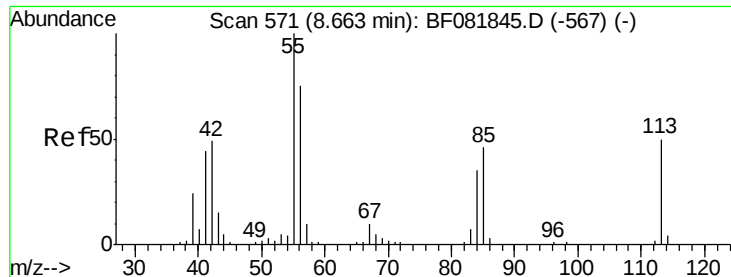
Tgt Ion:	127	Resp:	300610
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	28.5	17.9	26.9#
92	18.4	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 40.05 ng
RT: 8.35 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

Tgt Ion:	225	Resp:	138964
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.2	75.2
227	62.0	52.2	78.2





#35

Caprolactam

Concen: 39.24 ng

RT: 8.66 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

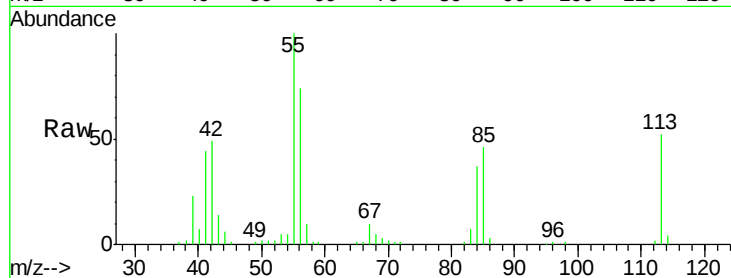
Tgt Ion:113 Resp: 57090

Ion Ratio Lower Upper

113 100

55 193.4 152.4 192.4#

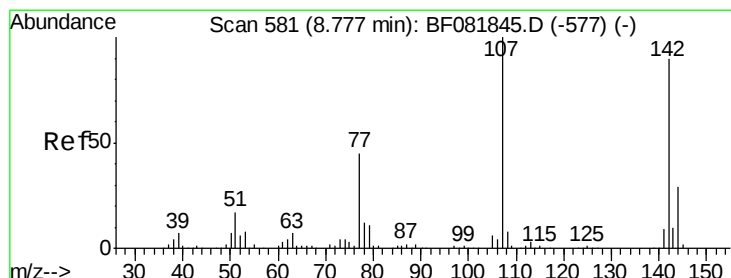
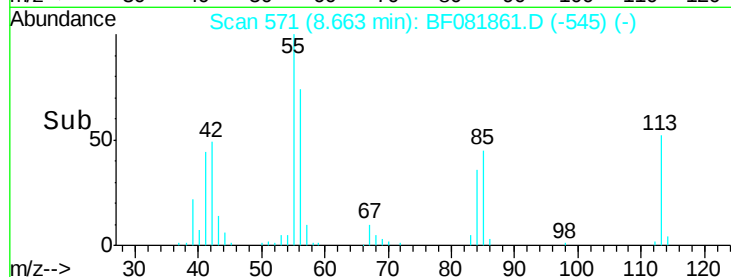
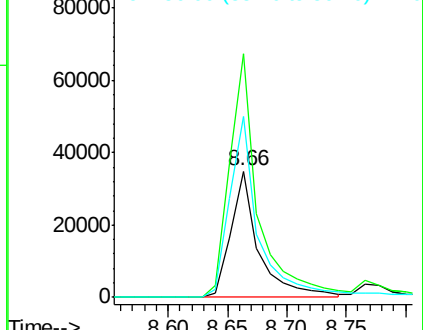
56 143.7 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.60 ng

RT: 8.77 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

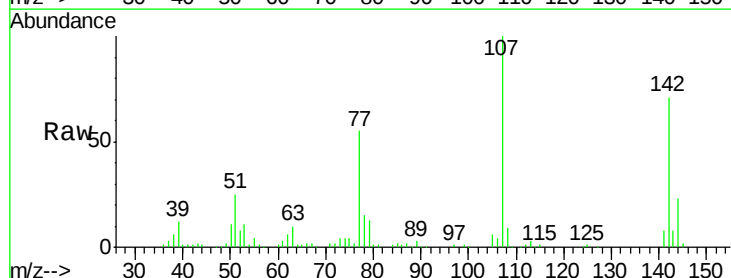
Tgt Ion:107 Resp: 208664

Ion Ratio Lower Upper

107 100

144 22.7 25.4 38.0#

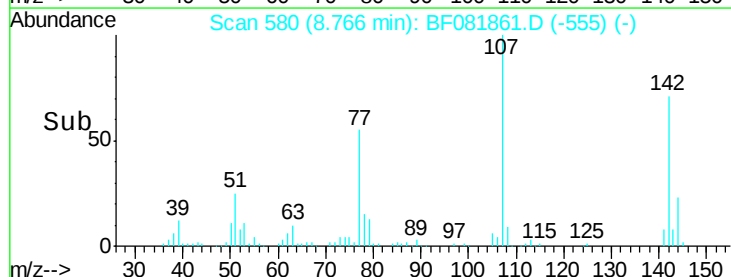
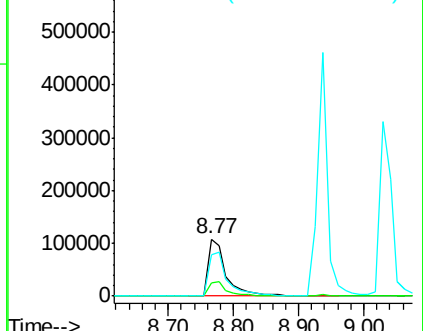
142 71.4 77.3 115.9#

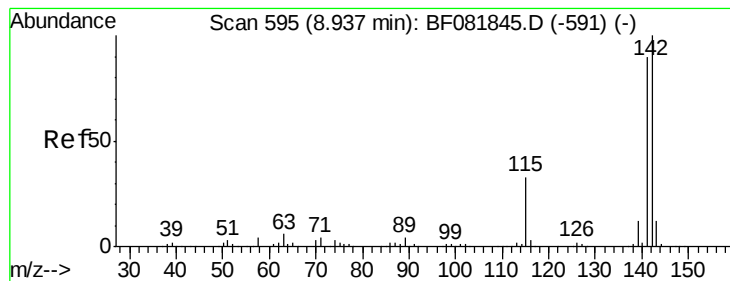


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.34 ng

RT: 8.94 min Scan# 595

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

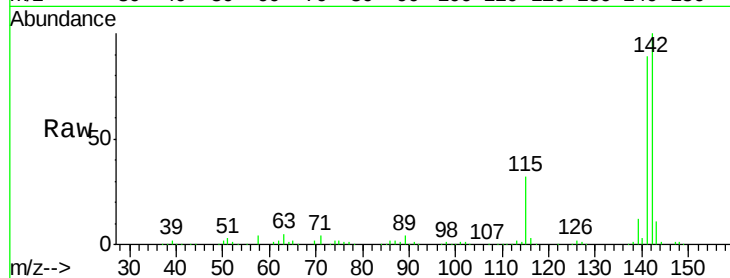
Tgt Ion:142 Resp: 480742

Ion Ratio Lower Upper

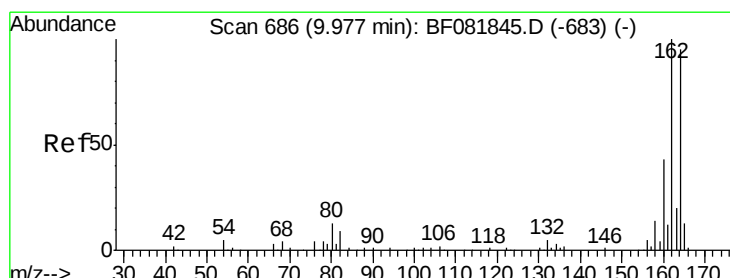
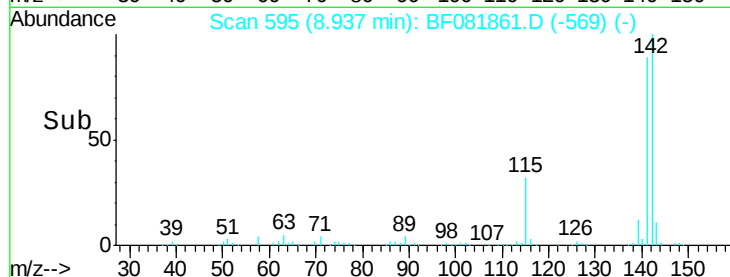
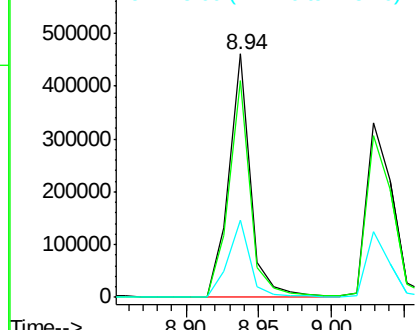
142 100

141 88.8 67.5 101.3

115 31.6 18.2 27.2#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

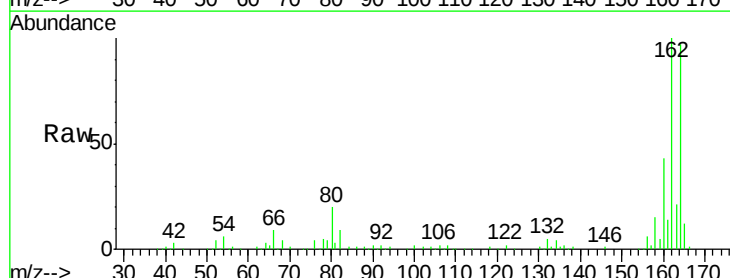
Tgt Ion:164 Resp: 195882

Ion Ratio Lower Upper

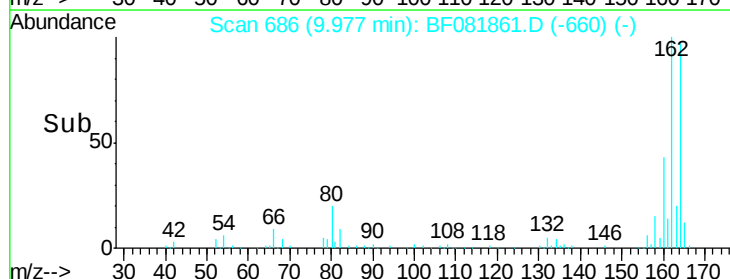
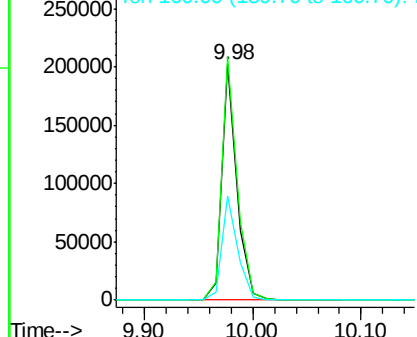
164 100

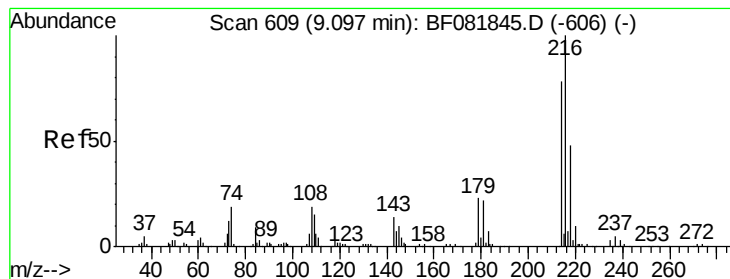
162 103.3 75.2 112.8

160 44.0 31.5 47.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.53 ng

RT: 9.10 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 237694

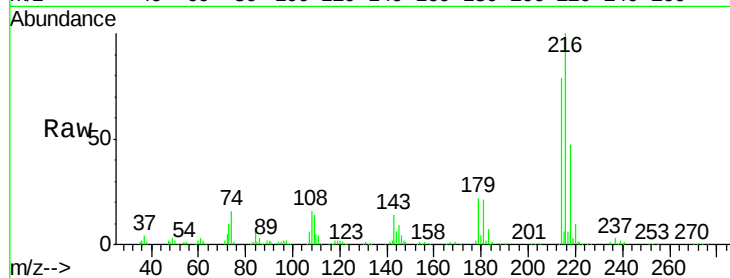
Ion Ratio Lower Upper

216 100

214 77.8 63.5 95.3

179 21.1 16.6 24.8

108 17.0 16.3 24.5

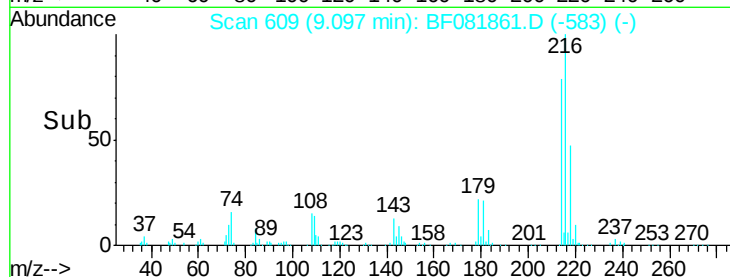


Abundance Ion 216.00 (215.70 to 216.70): E

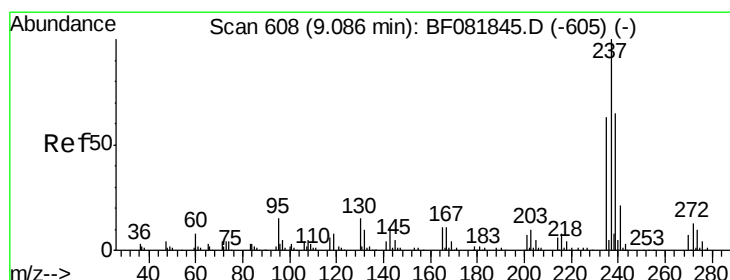
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 9.00 9.10 9.20



#40

Hexachlorocyclopentadiene

Concen: 39.92 ng

RT: 9.09 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

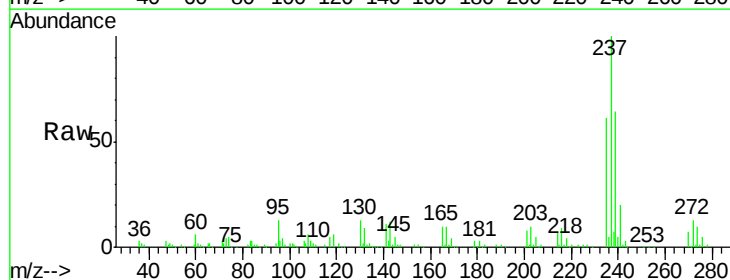
Tgt Ion:237 Resp: 123639

Ion Ratio Lower Upper

237 100

235 61.3 42.0 82.0

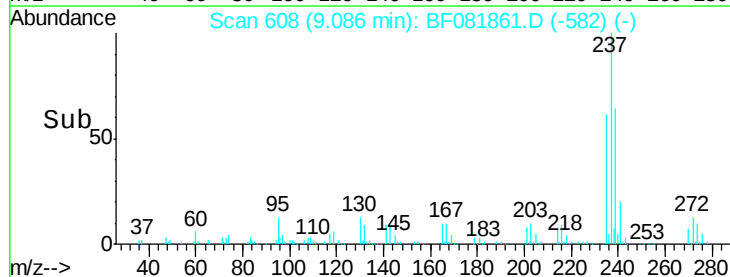
272 13.0 0.0 36.1



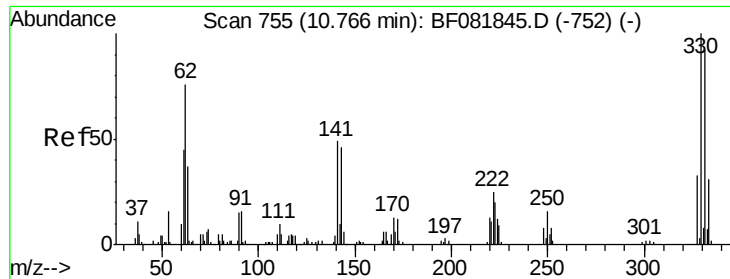
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



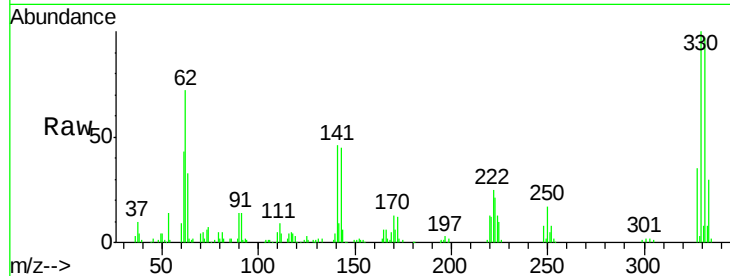
Time--> 9.00 9.05 9.10 9.15 9.20



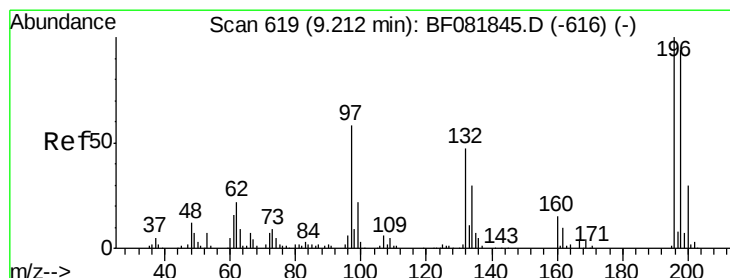
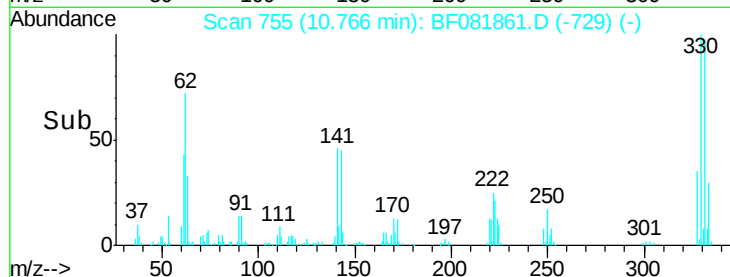
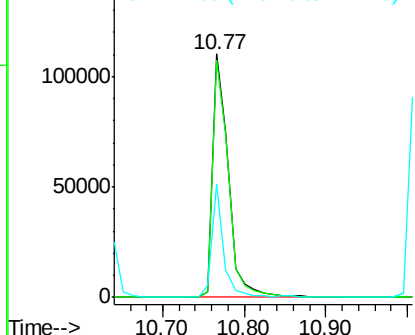
#41
 2,4,6-Tribromophenol
 Concen: 74.75 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 148291
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 34.8 29.7 44.5

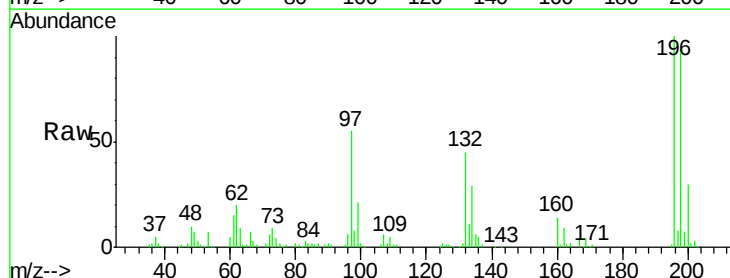


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

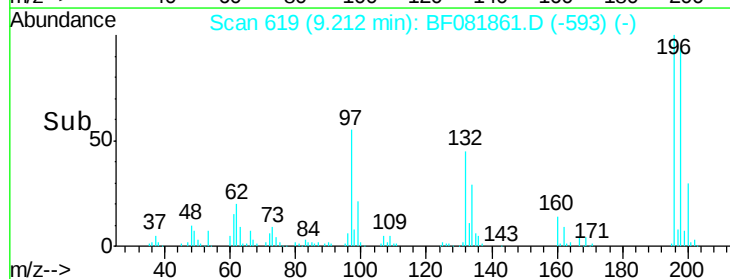
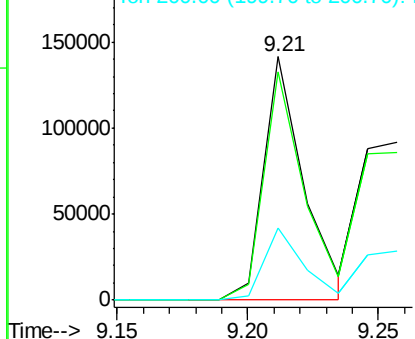


#42
 2,4,6-Trichlorophenol
 Concen: 36.79 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Tgt Ion:196 Resp: 151675
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 200 29.7 23.9 35.9



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

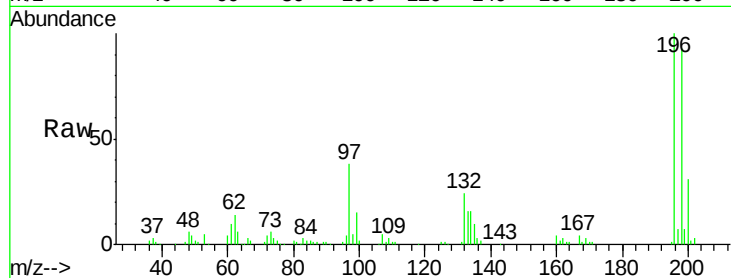




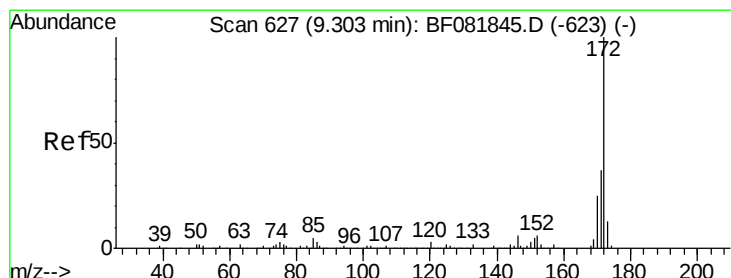
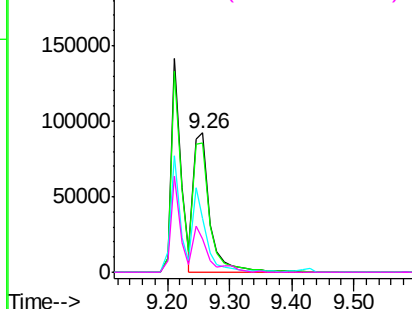
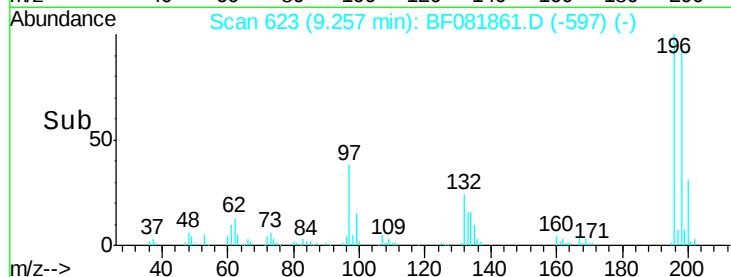
#43
 2,4,5-Trichlorophenol
 Concen: 40.39 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.4	113.0
97	38.5	33.3	49.9
132	23.7	24.6	37.0

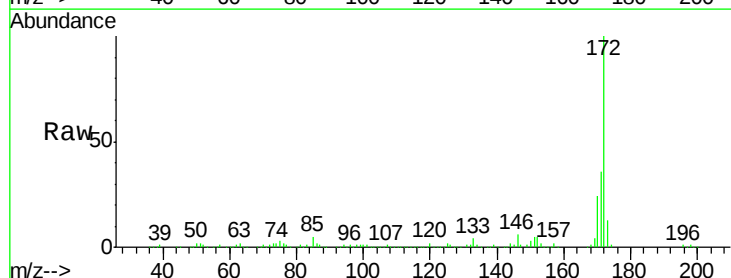


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

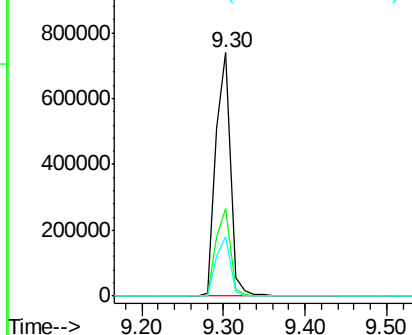
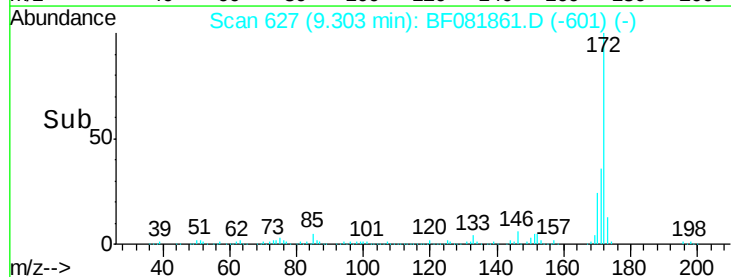


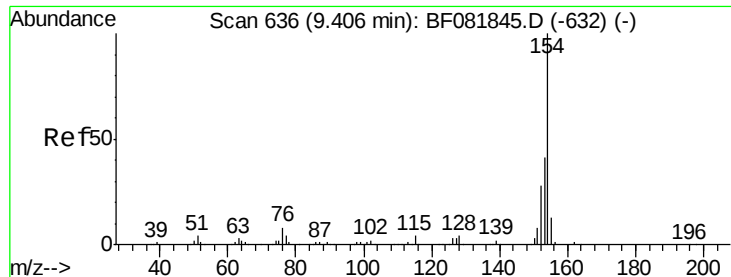
#44
 2-Fluorobiphenyl
 Concen: 77.82 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.1	39.1
170	24.4	17.4	26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

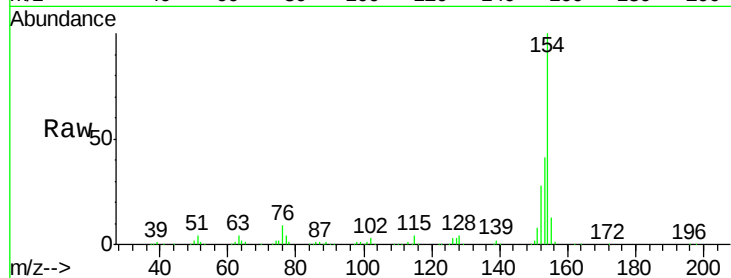




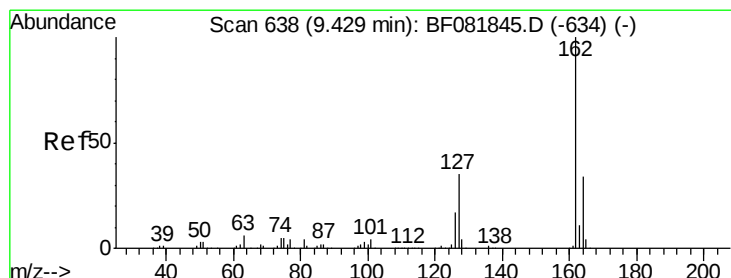
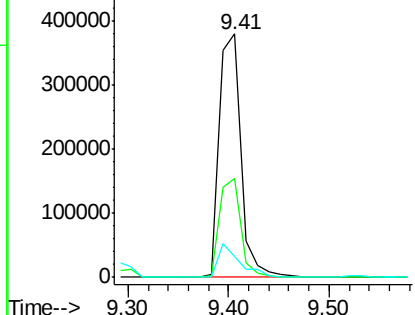
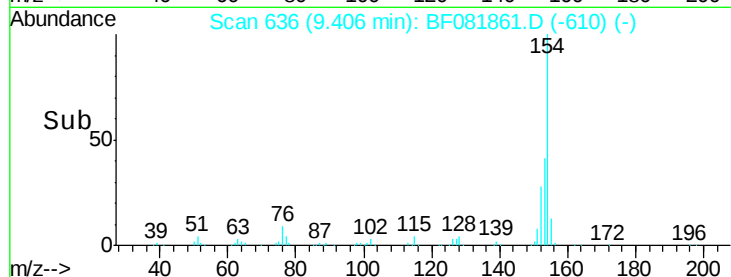
#45
 1,1'-Biphenyl
 Concen: 37.64 ng
 RT: 9.41 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 568848
 Ion Ratio Lower Upper
 154 100
 153 40.5 17.1 57.1
 76 8.7 0.0 31.6

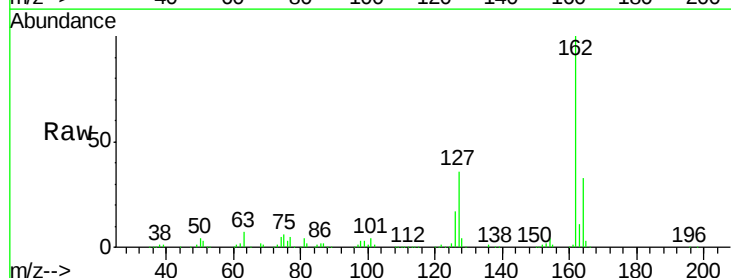


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

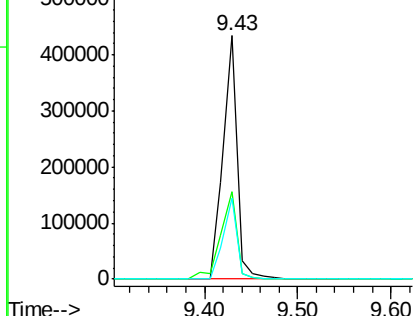
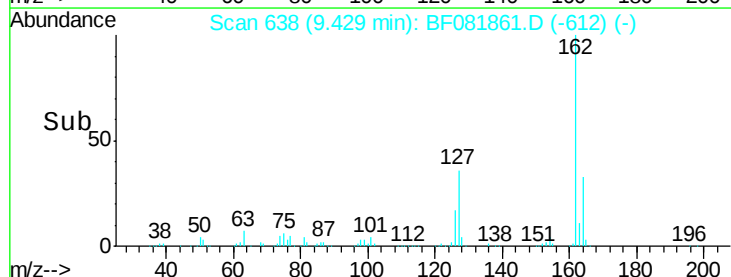


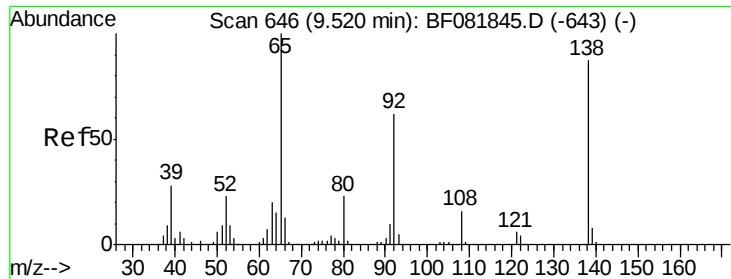
#46
 2-Chloronaphthalene
 Concen: 38.25 ng
 RT: 9.43 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Tgt Ion:162 Resp: 453888
 Ion Ratio Lower Upper
 162 100
 127 35.7 27.6 41.4
 164 33.4 25.4 38.2



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

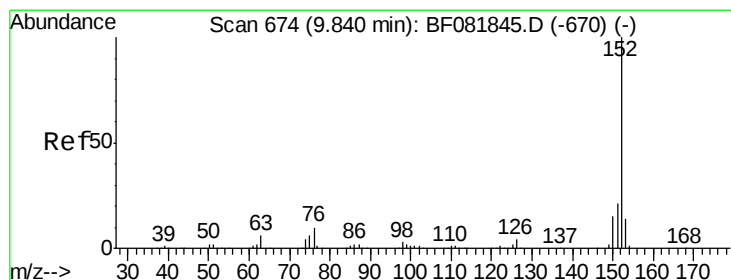
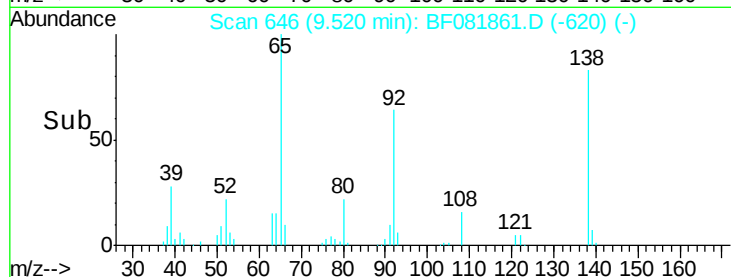
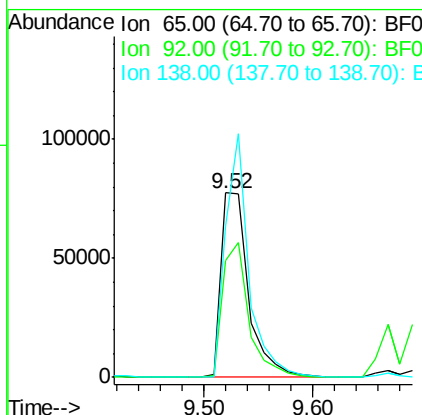
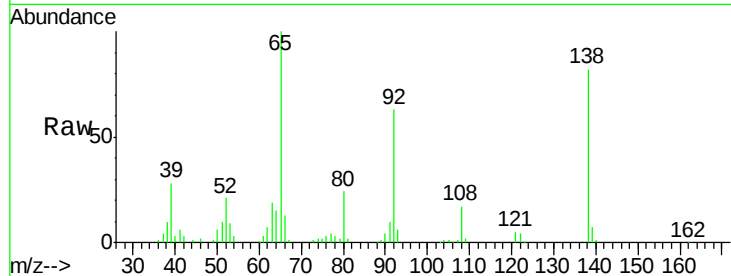




#47
2-Nitroaniline
Concen: 39.03 ng
RT: 9.52 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

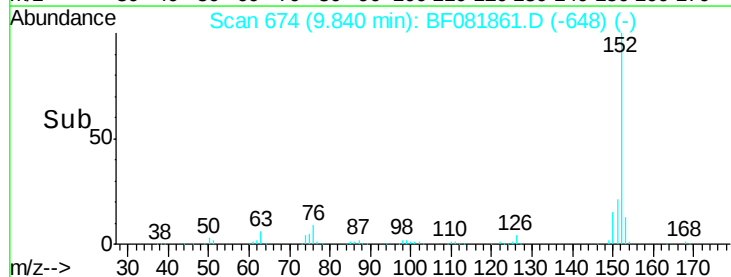
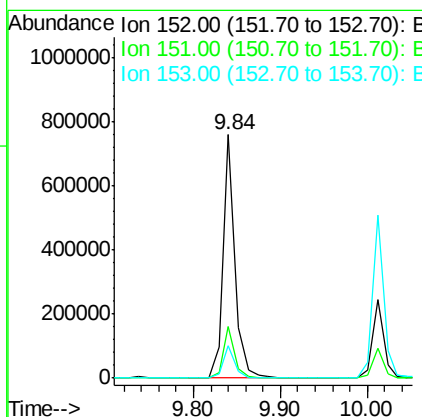
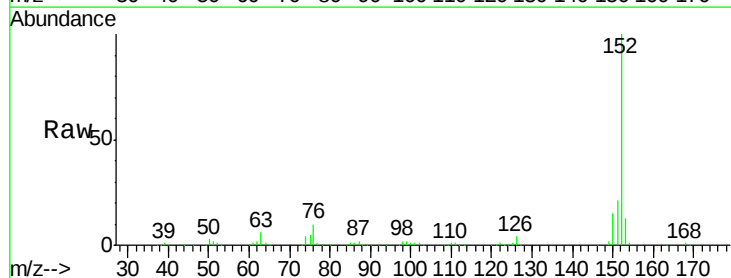
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

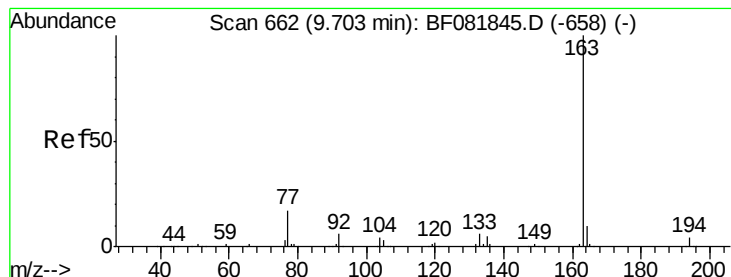
Tgt Ion: 65 Resp: 135942
Ion Ratio Lower Upper
65 100
92 63.3 55.4 83.0
138 82.1 115.5 173.3#



#48
Acenaphthylene
Concen: 38.35 ng
RT: 9.84 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

Tgt Ion: 152 Resp: 728372
Ion Ratio Lower Upper
152 100
151 21.0 14.6 22.0
153 13.4 10.3 15.5





#49

Dimethylphthalate

Concen: 38.82 ng

RT: 9.70 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

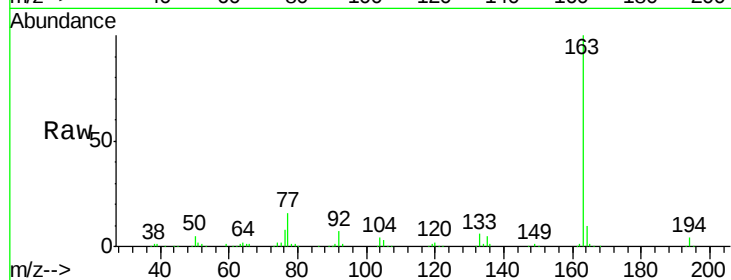
Tgt Ion:163 Resp: 524902

Ion Ratio Lower Upper

163 100

194 3.7 4.4 6.6#

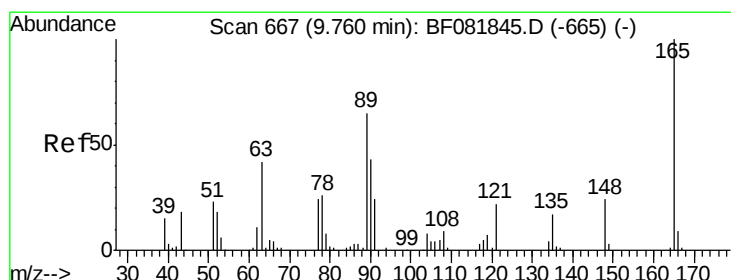
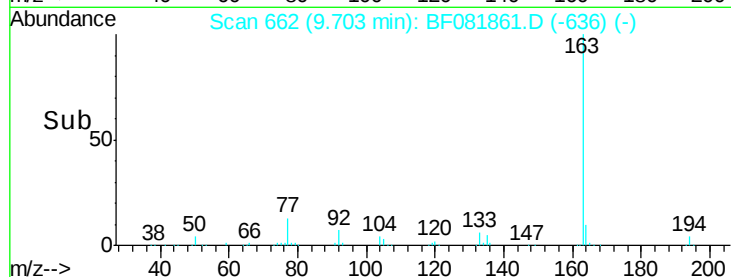
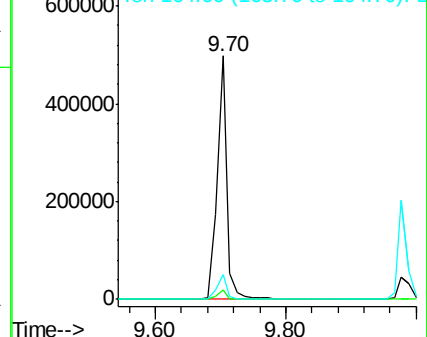
164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.73 ng

RT: 9.76 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

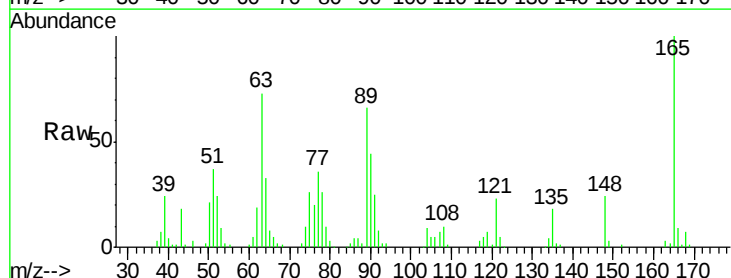
Tgt Ion:165 Resp: 110760

Ion Ratio Lower Upper

165 100

63 72.7 32.3 48.5#

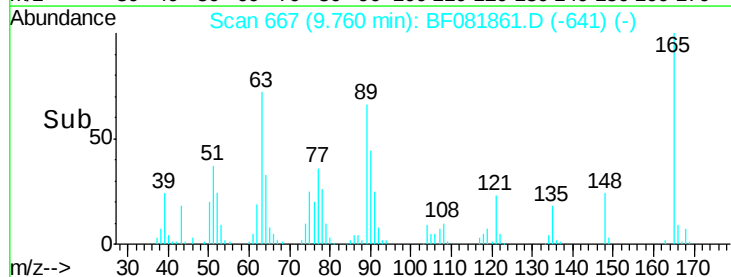
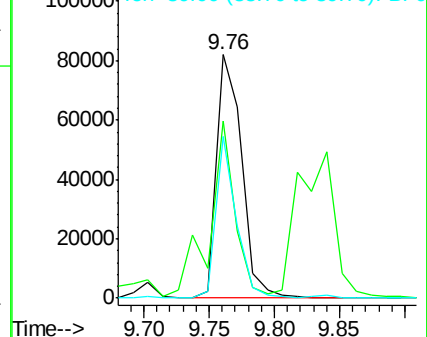
89 66.5 28.6 43.0#

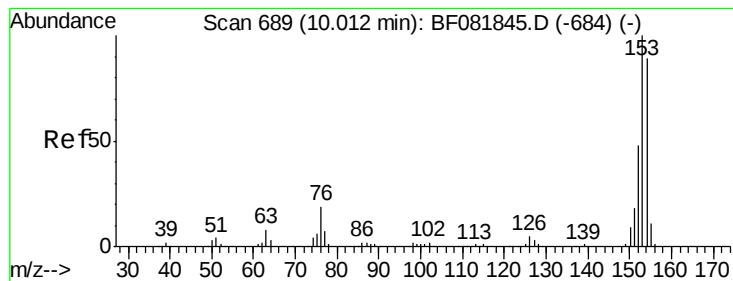


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.58 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

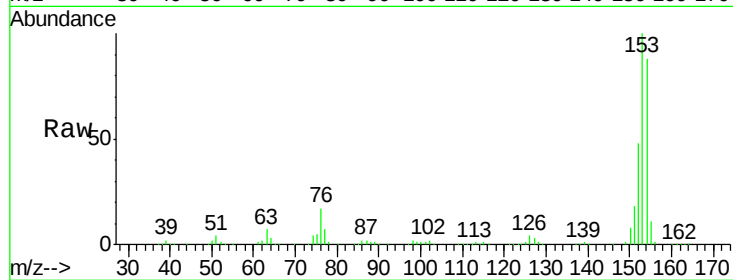
Tgt Ion:154 Resp: 423860

Ion Ratio Lower Upper

154 100

153 114.2 82.1 123.1

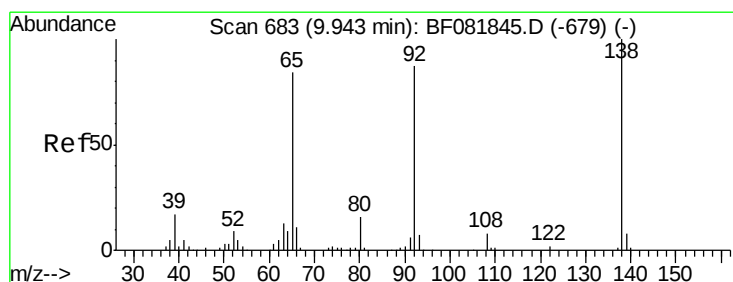
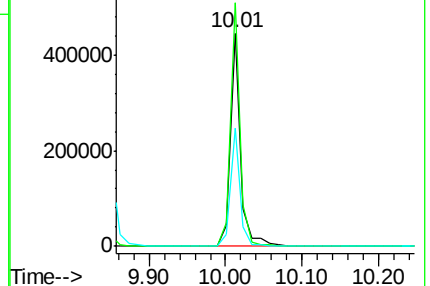
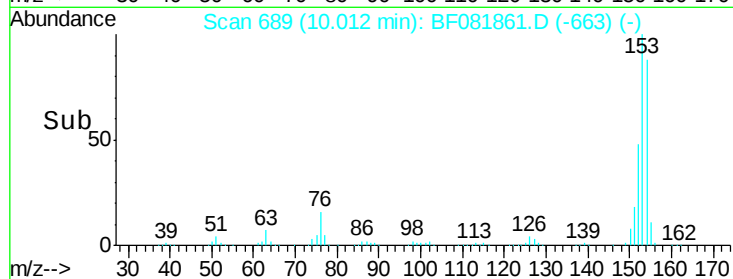
152 55.4 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.29 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

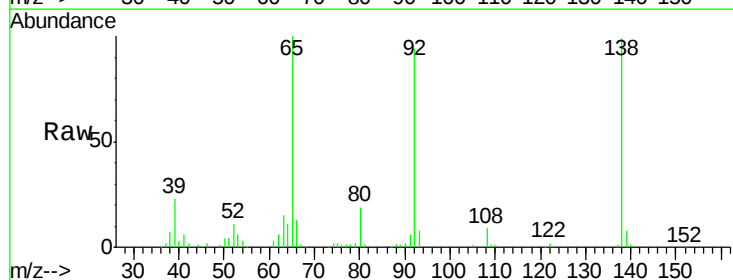
Tgt Ion:138 Resp: 136836

Ion Ratio Lower Upper

138 100

108 9.1 5.7 8.5#

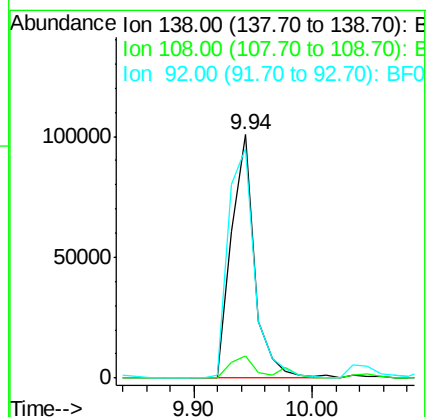
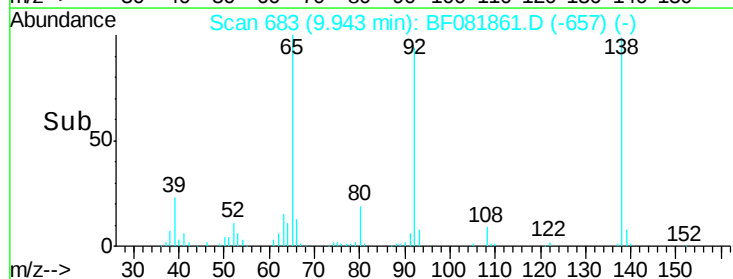
92 94.5 67.7 101.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

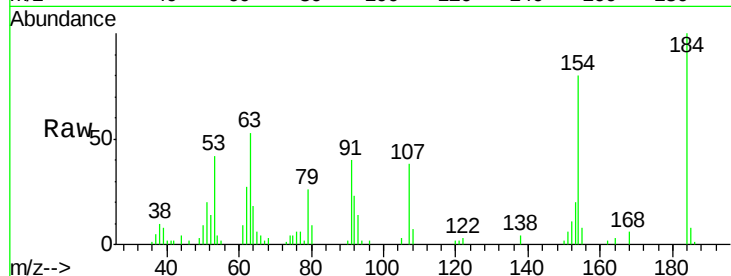




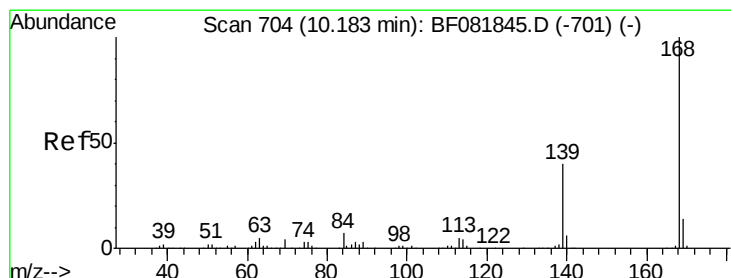
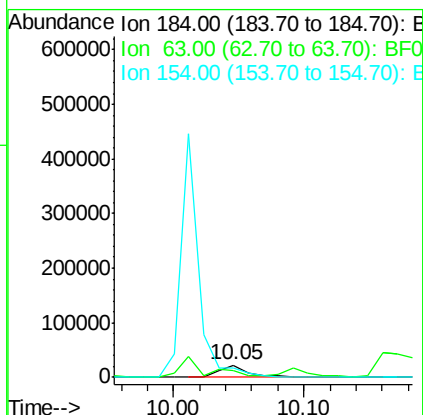
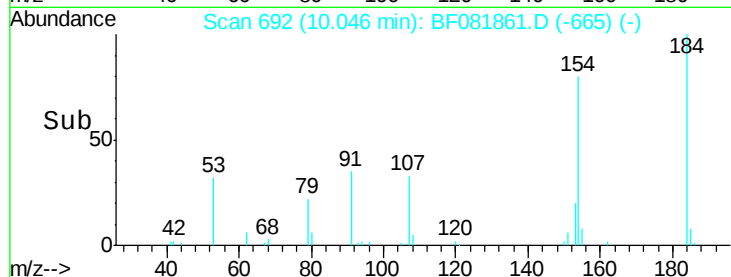
#53
2,4-Dinitrophenol
Concen: 37.99 ng
RT: 10.05 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 34756
Ion Ratio Lower Upper
184 100
63 52.6 35.4 53.2
154 79.8 32.2 48.4#

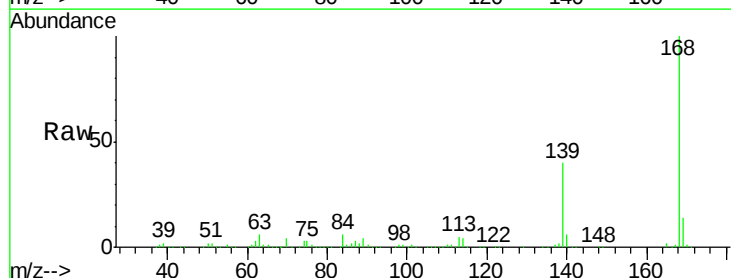


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

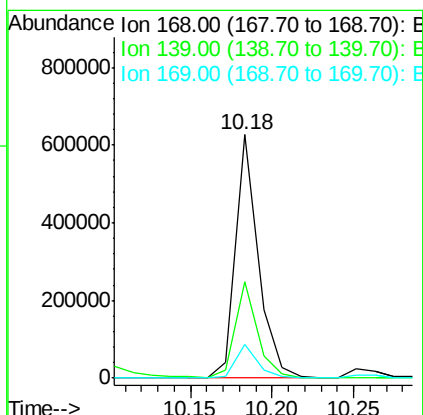
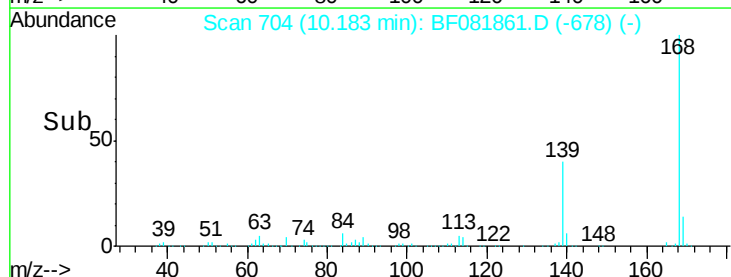


#54
Dibenzofuran
Concen: 37.80 ng
RT: 10.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

Tgt Ion:168 Resp: 602506
Ion Ratio Lower Upper
168 100
139 39.6 24.2 36.2#
169 13.9 10.6 15.8



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

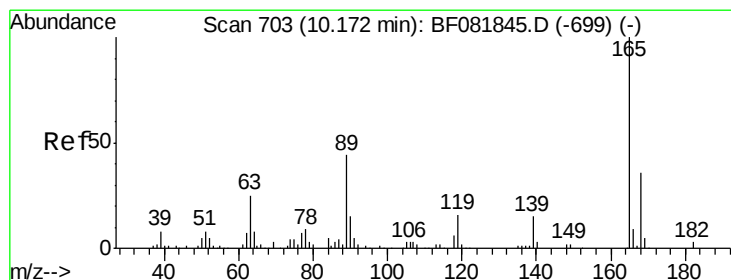
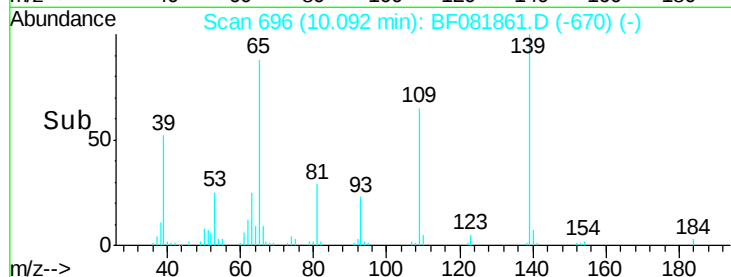
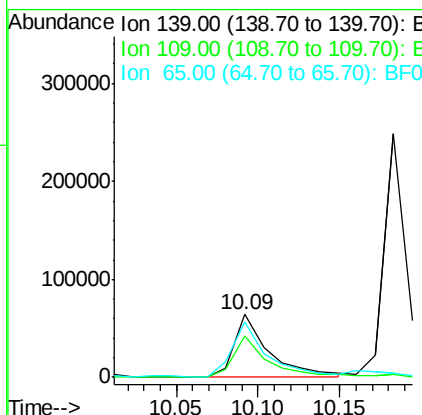
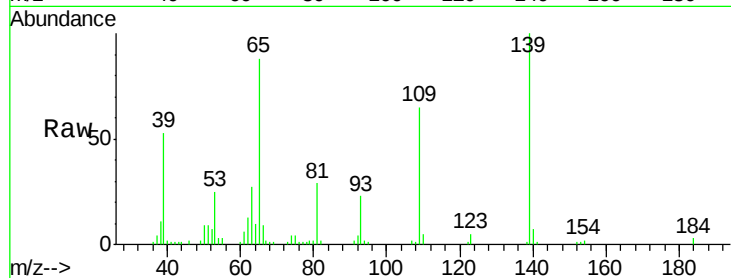




#55
4-Nitrophenol
Concen: 38.26 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

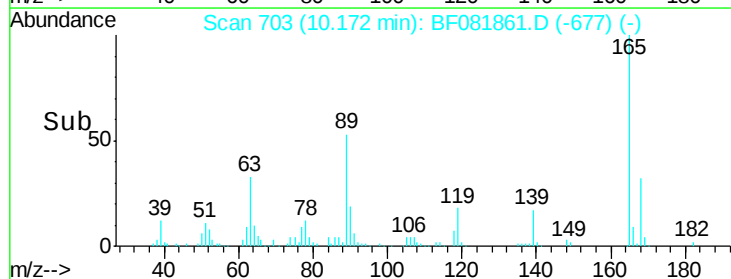
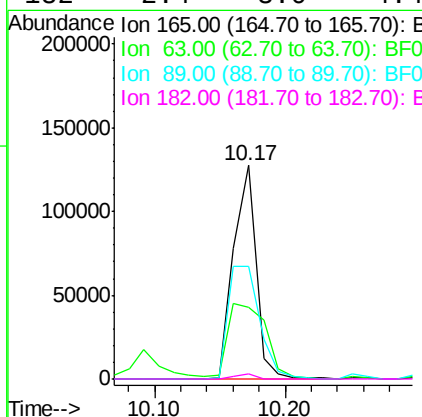
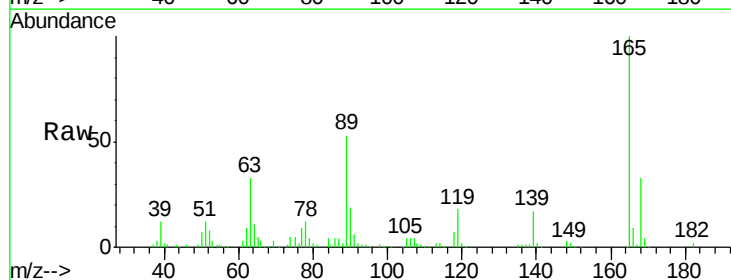
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

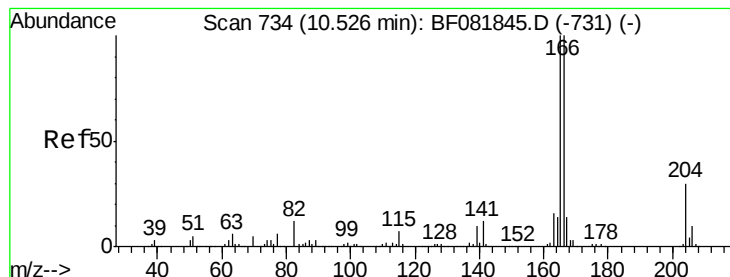
Tgt Ion:139 Resp: 93877
Ion Ratio Lower Upper
139 100
109 65.3 12.7 52.7#
65 88.0 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 40.88 ng
RT: 10.17 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

Tgt Ion:165 Resp: 152981
Ion Ratio Lower Upper
165 100
63 33.4 29.8 44.6
89 53.0 44.5 66.7
182 2.4 3.0 4.4#





#57

Fluorene

Concen: 42.21 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

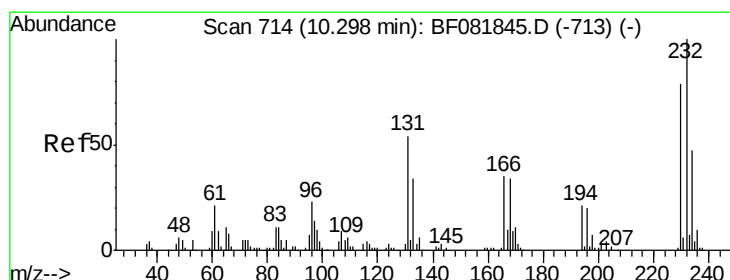
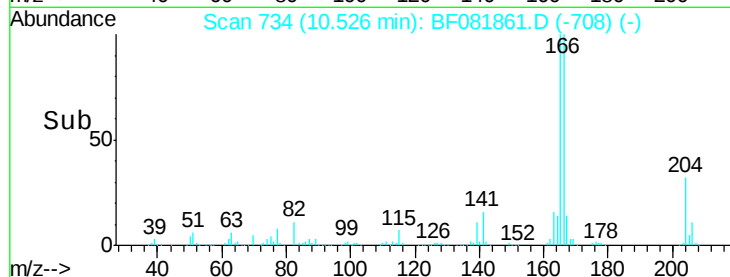
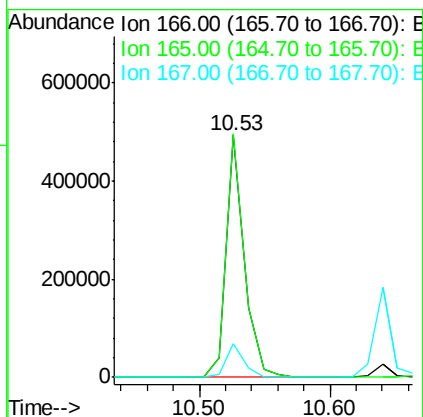
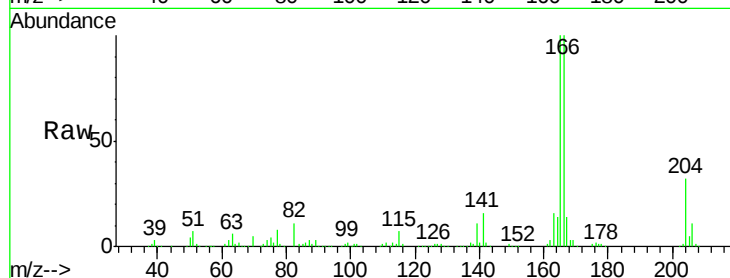
Tgt Ion:166 Resp: 482629

Ion Ratio Lower Upper

166 100

165 100.5 72.6 109.0

167 13.7 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.89 ng

RT: 10.30 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Tgt Ion:232 Resp: 134134

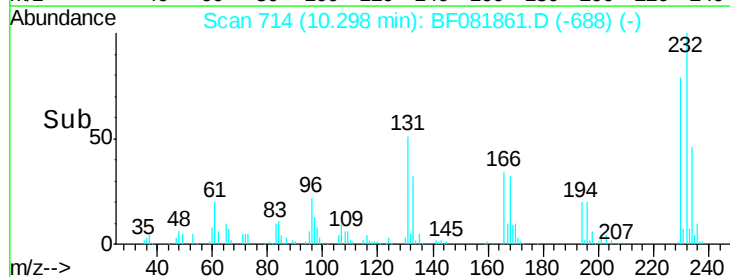
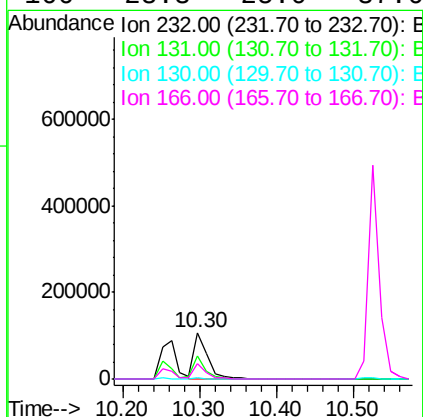
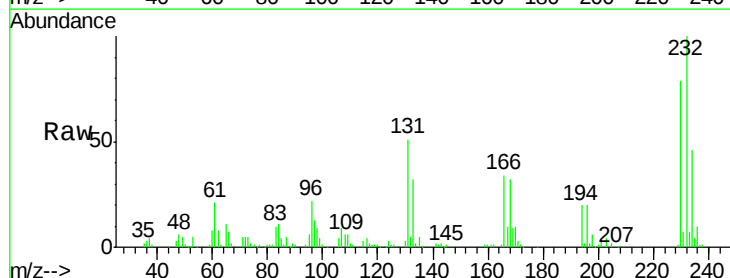
Ion Ratio Lower Upper

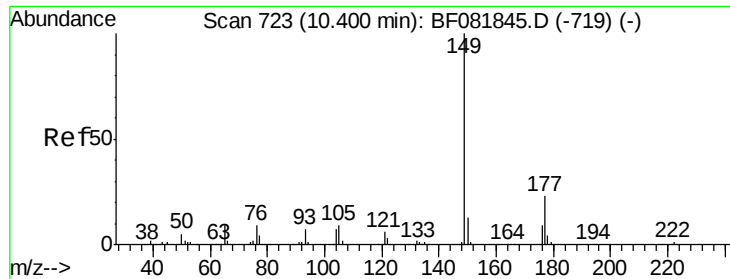
232 100

131 43.1 38.5 57.7

130 1.8 1.8 2.6

166 28.3 25.0 37.6

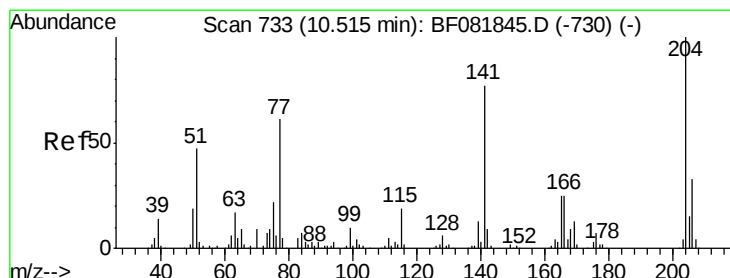
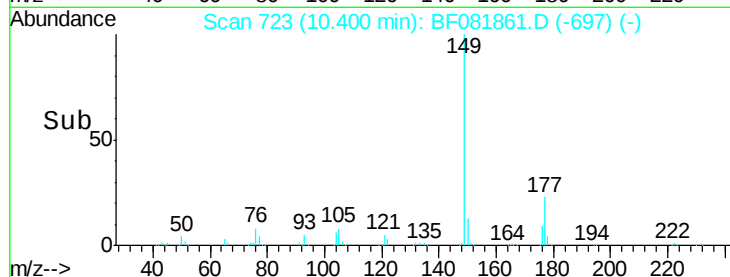
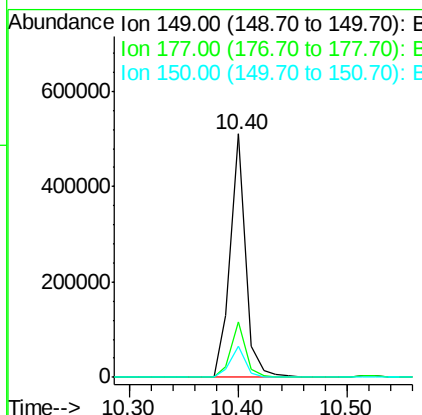
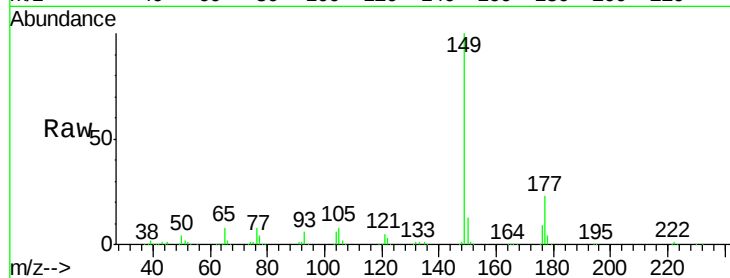




#59
Diethylphthalate
Concen: 39.88 ng
RT: 10.40 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

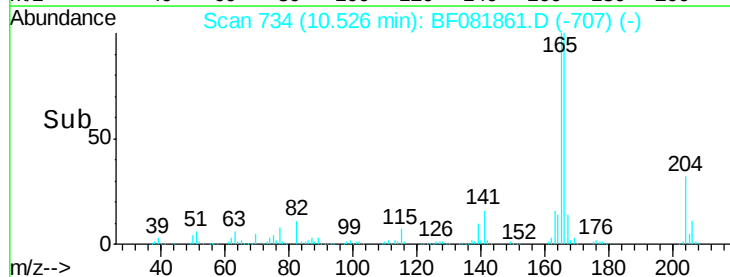
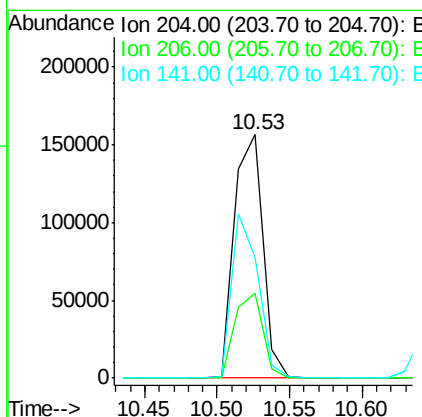
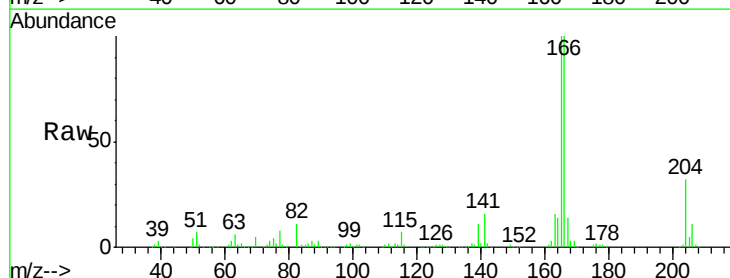
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

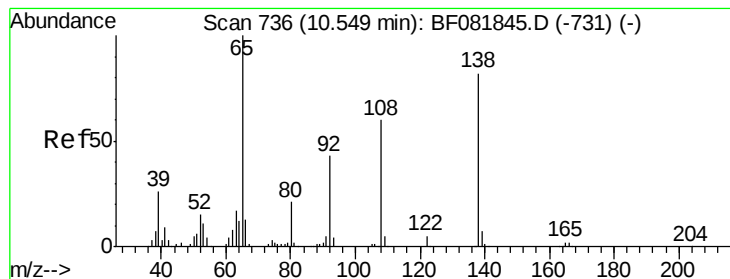
Tgt Ion:149 Resp: 503623
Ion Ratio Lower Upper
149 100
177 23.0 17.5 26.3
150 12.6 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 36.63 ng
RT: 10.53 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

Tgt Ion:204 Resp: 213760
Ion Ratio Lower Upper
204 100
206 34.8 24.8 37.2
141 49.5 42.2 63.4





#61

4-Nitroaniline

Concen: 38.47 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

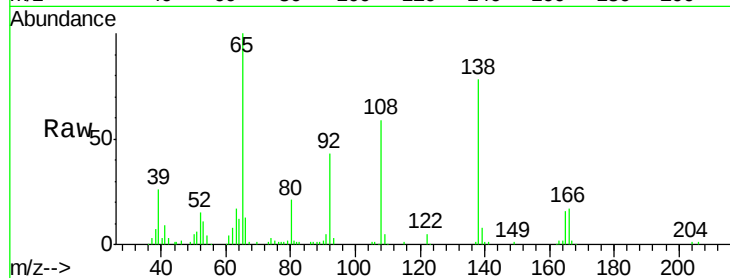
Tgt Ion:138 Resp: 131005

Ion Ratio Lower Upper

138 100

92 55.8 12.6 52.6#

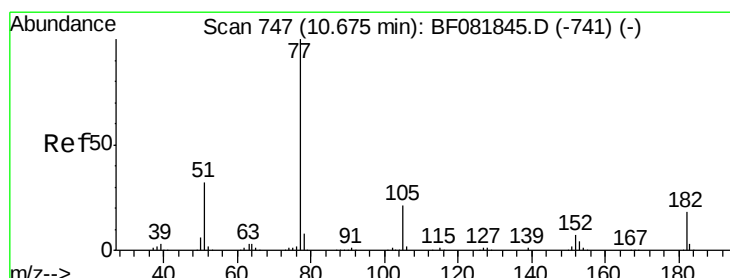
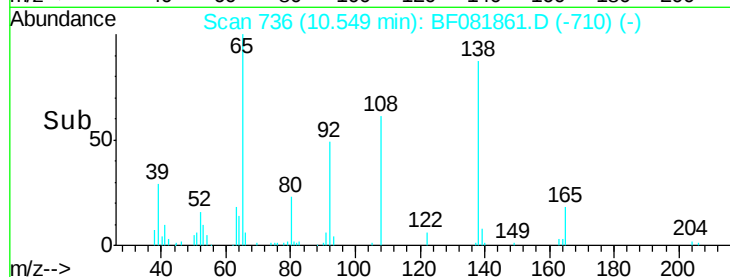
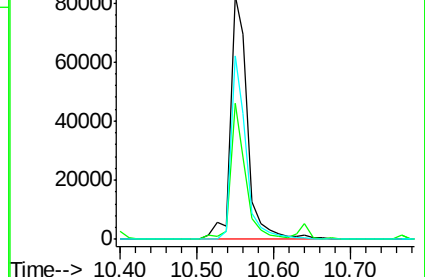
108 75.3 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.72 ng

RT: 10.67 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Tgt Ion: 77 Resp: 477312

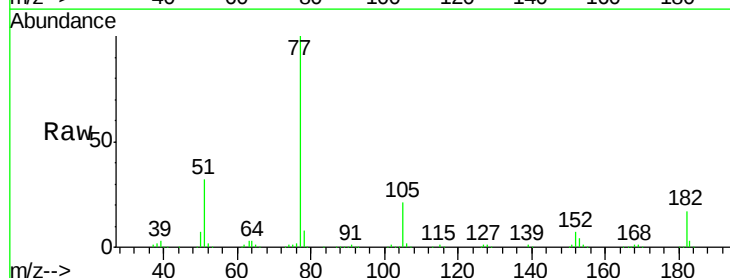
Ion Ratio Lower Upper

77 100

182 17.5 15.1 55.1

105 21.1 3.4 43.4

51 31.7 12.0 52.0

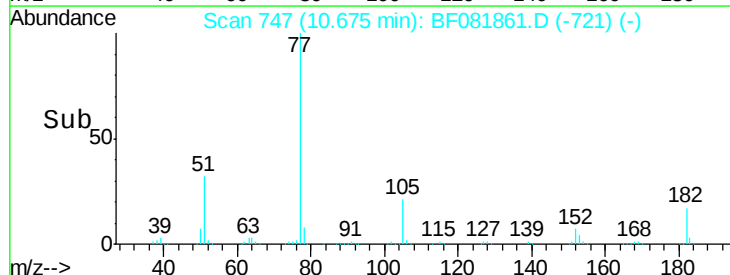
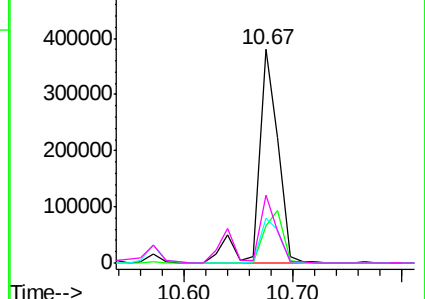


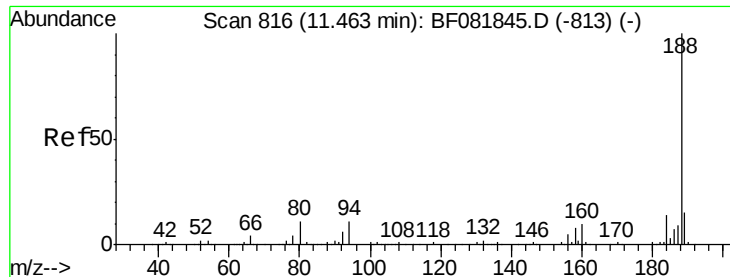
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

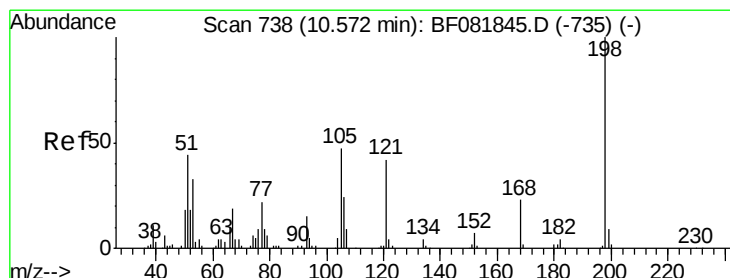
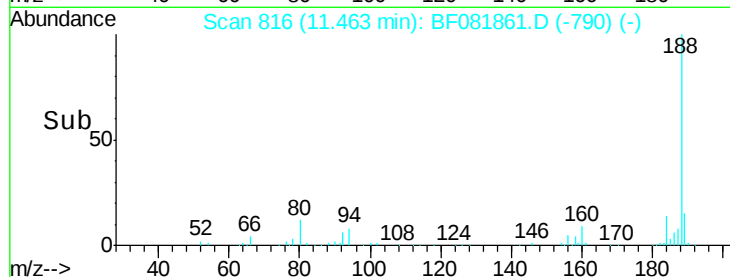
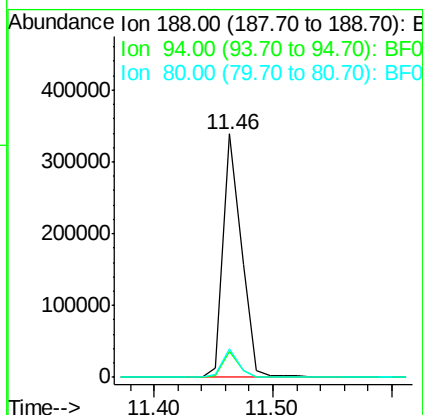
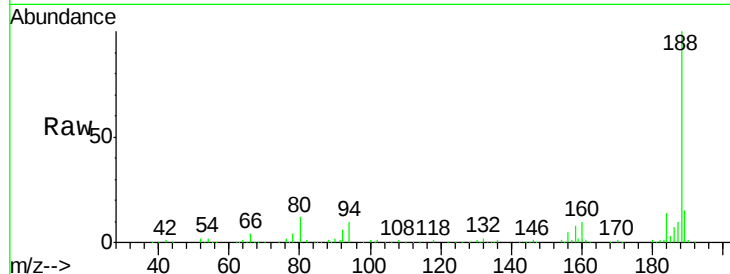




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

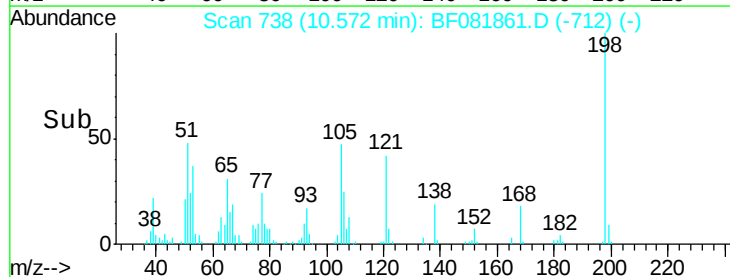
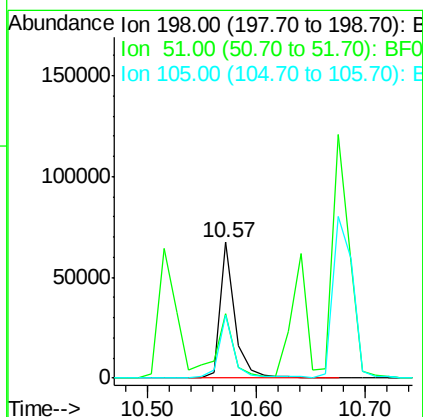
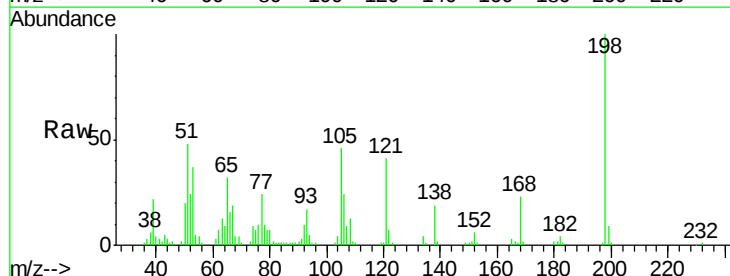
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

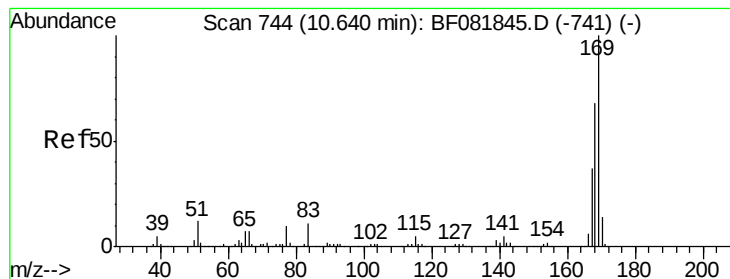
Tgt Ion:188 Resp: 360268
 Ion Ratio Lower Upper
 188 100
 94 10.5 11.1 16.7#
 80 11.8 11.0 16.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.92 ng
 RT: 10.57 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Tgt Ion:198 Resp: 64511
 Ion Ratio Lower Upper
 198 100
 51 47.5 39.6 79.6
 105 46.1 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 39.83 ng

RT: 10.64 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

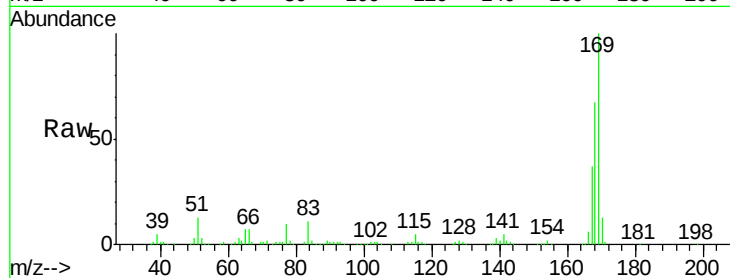
Tgt Ion:169 Resp: 434161

Ion Ratio Lower Upper

169 100

168 67.3 48.9 73.3

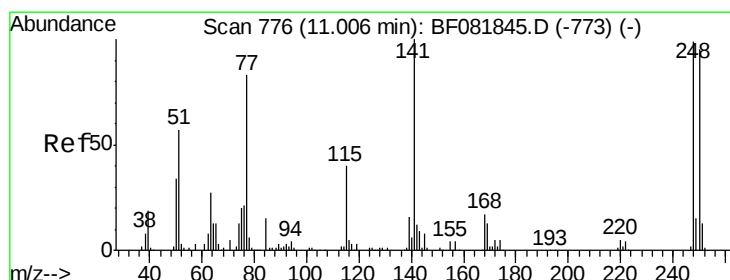
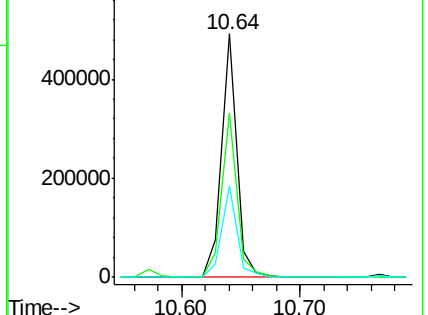
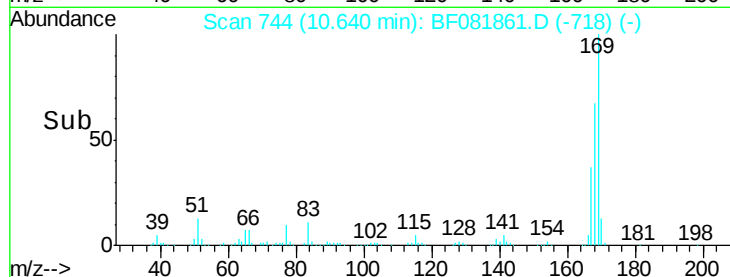
167 37.3 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.55 ng

RT: 11.02 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

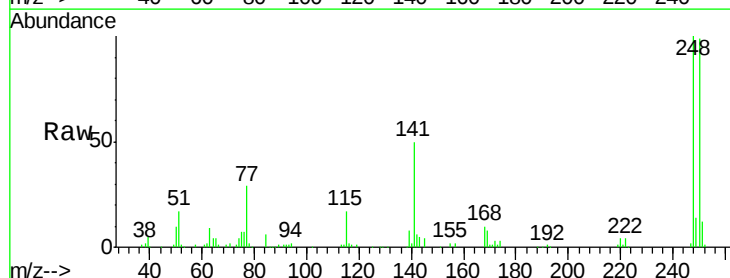
Tgt Ion:248 Resp: 143674

Ion Ratio Lower Upper

248 100

250 99.3 78.5 117.7

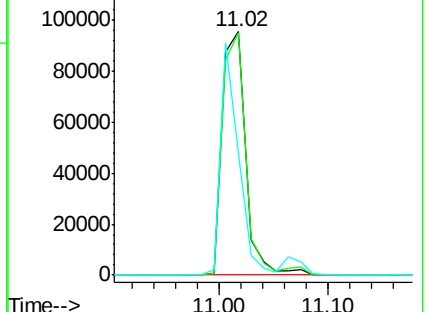
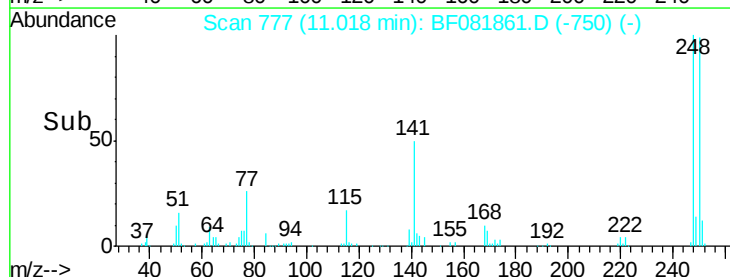
141 49.9 59.0 88.6#

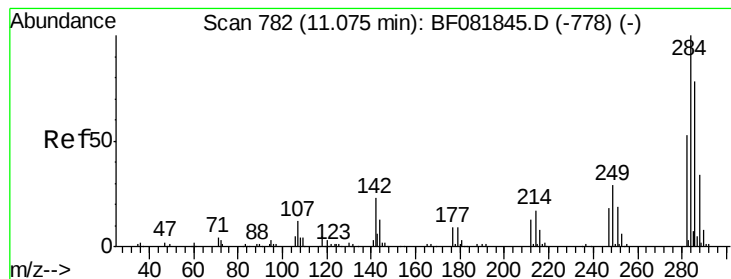


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.03 ng

RT: 11.07 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

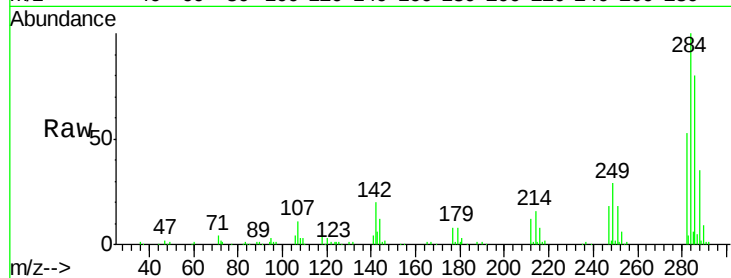
Tgt Ion:284 Resp: 160011

Ion Ratio Lower Upper

284 100

142 20.4 29.5 44.3#

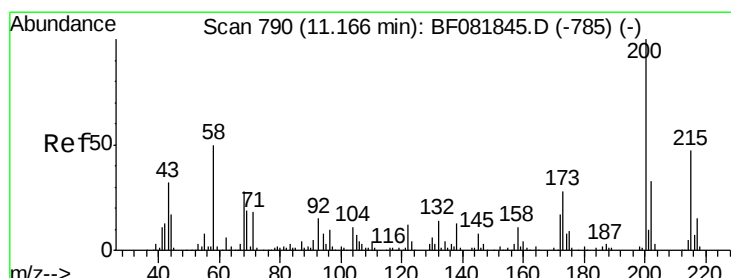
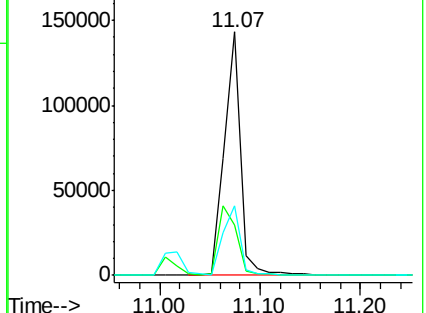
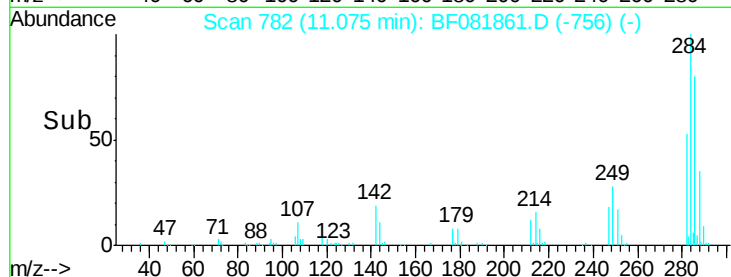
249 28.8 19.5 29.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.34 ng

RT: 11.17 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

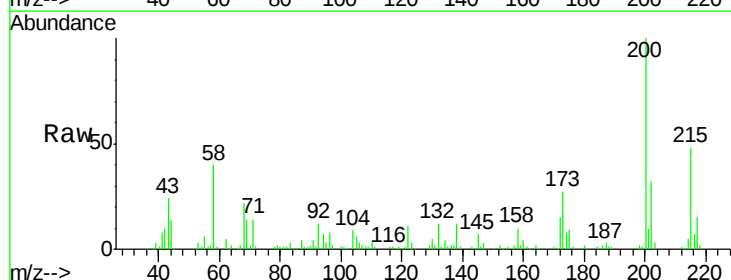
Tgt Ion:200 Resp: 139814

Ion Ratio Lower Upper

200 100

173 26.8 13.2 53.2

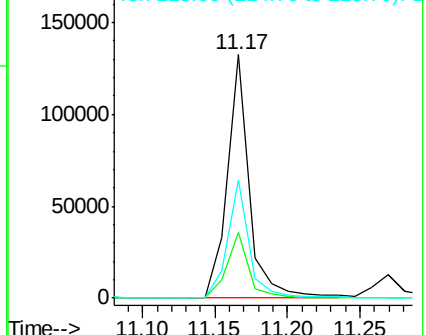
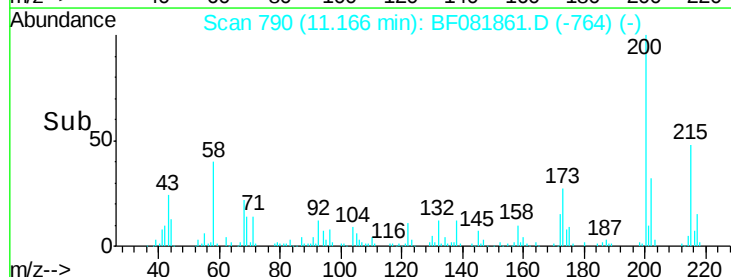
215 48.4 41.8 81.8

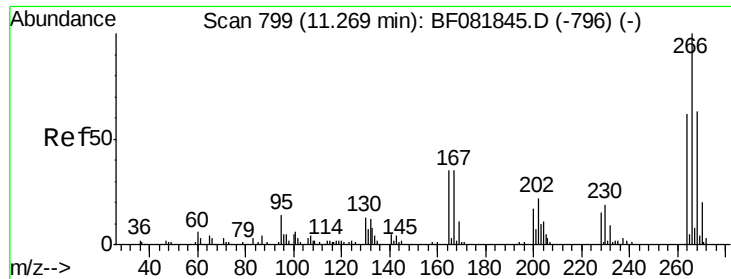


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

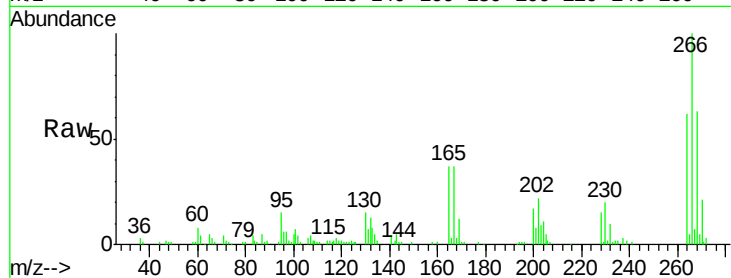




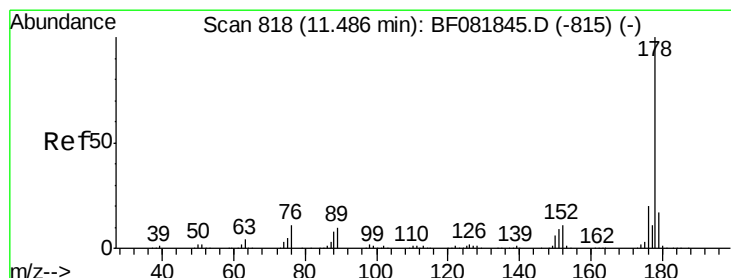
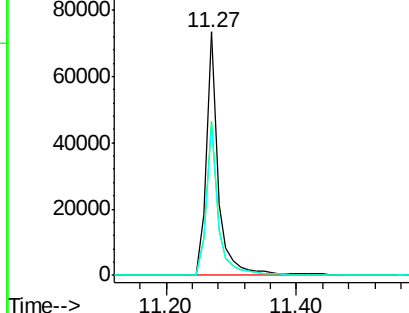
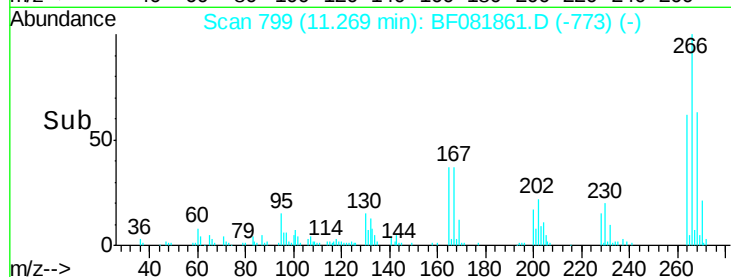
#69
 Pentachlorophenol
 Concen: 40.07 ng
 RT: 11.27 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	49.8	74.6
264	62.3	50.2	75.2

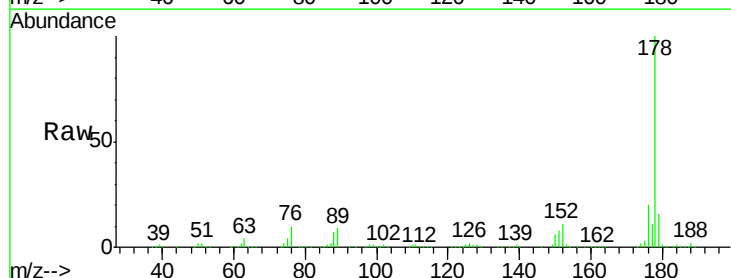


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

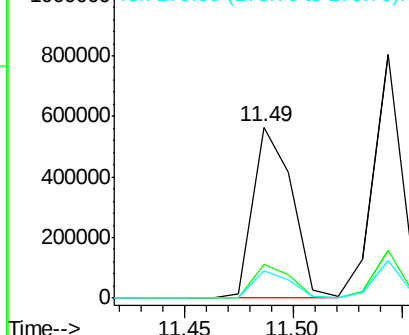
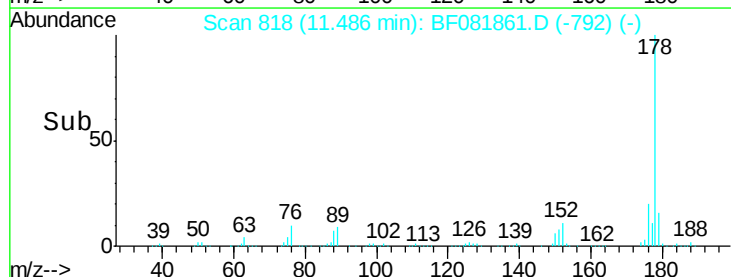


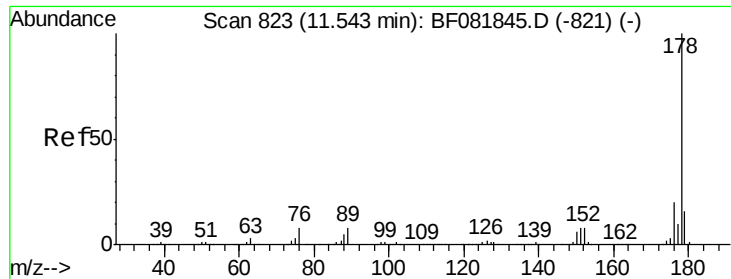
#70
 Phenanthrene
 Concen: 40.54 ng
 RT: 11.49 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	13.8	20.8
179	16.2	12.2	18.2



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

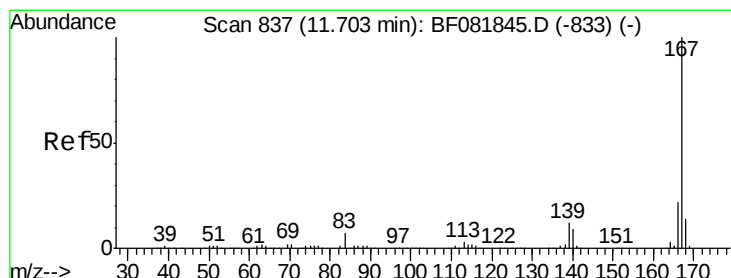
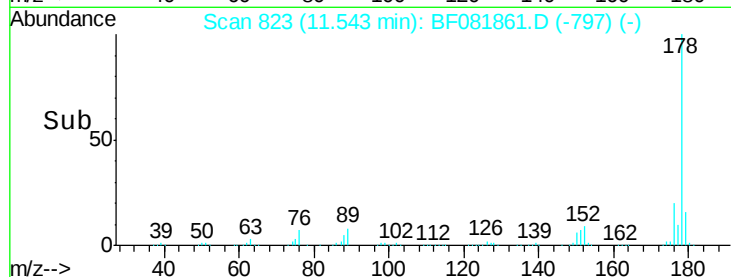
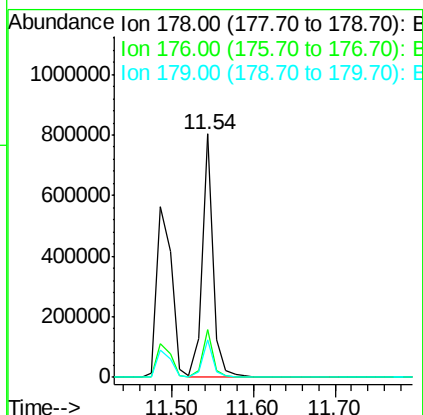
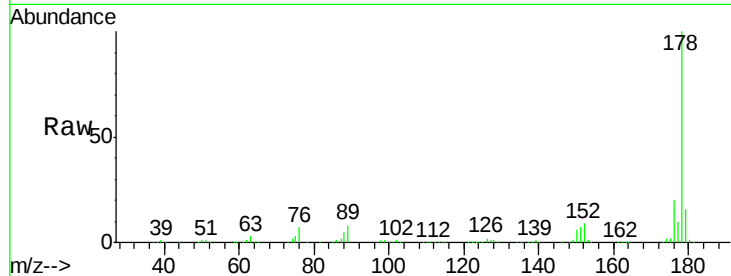




#71
 Anthracene
 Concen: 41.12 ng
 RT: 11.54 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

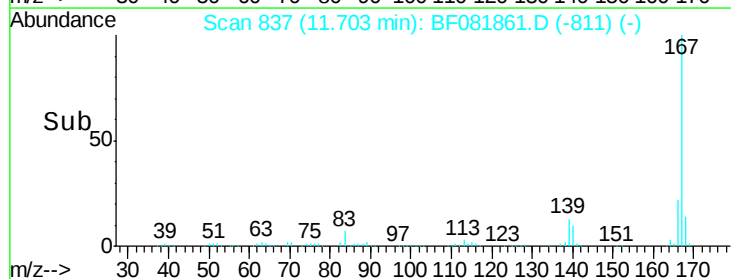
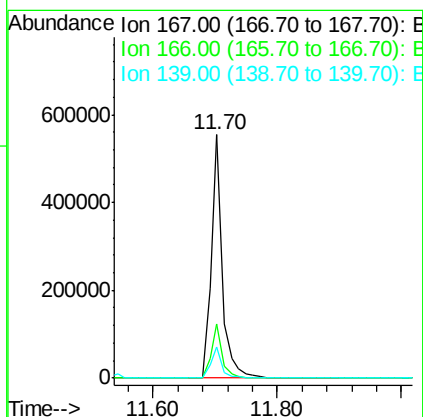
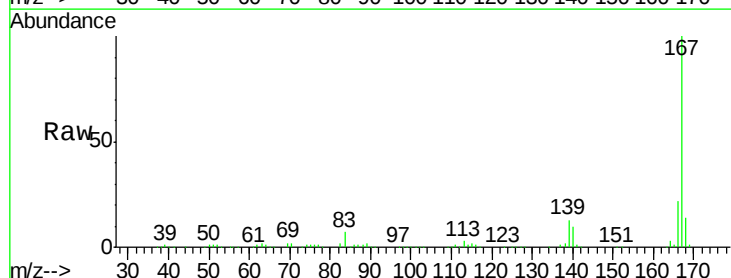
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

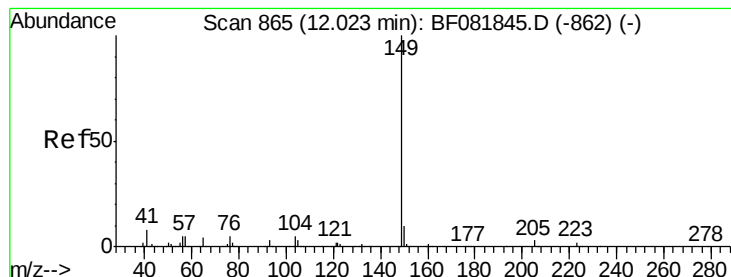
Tgt Ion:178 Resp: 752999
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.1 21.1
 179 15.7 12.2 18.2



#72
 Carbazole
 Concen: 40.27 ng
 RT: 11.70 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Tgt Ion:167 Resp: 667395
 Ion Ratio Lower Upper
 167 100
 166 22.2 15.7 23.5
 139 12.5 9.5 14.3





#73

Di-n-butylphthalate

Concen: 43.27 ng

RT: 12.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

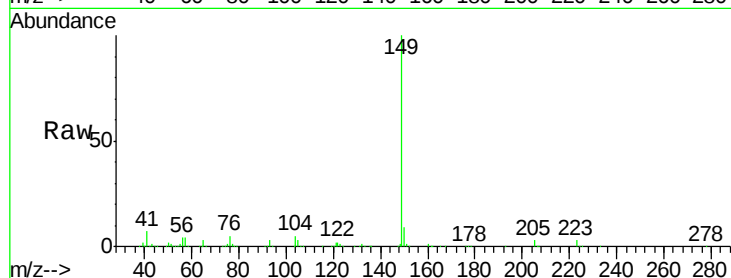
Tgt Ion:149 Resp: 731340

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

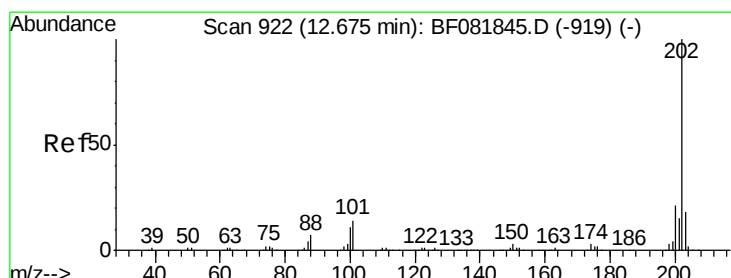
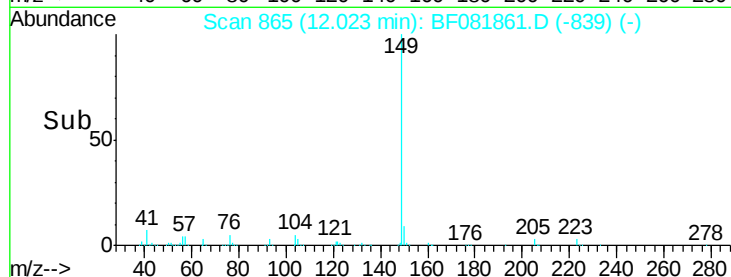
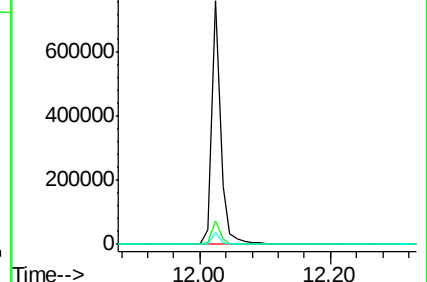
104 4.7 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.29 ng

RT: 12.67 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

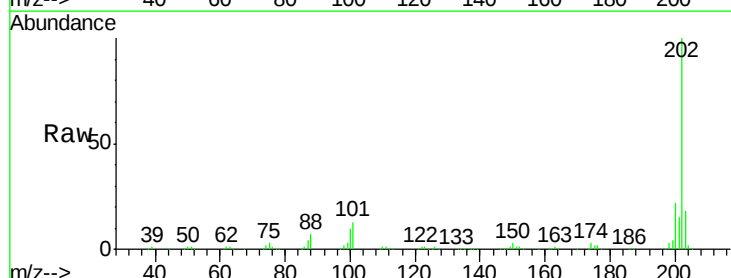
Tgt Ion:202 Resp: 758310

Ion Ratio Lower Upper

202 100

101 13.3 0.0 38.3

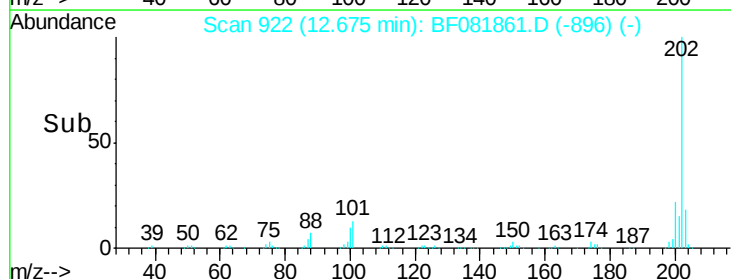
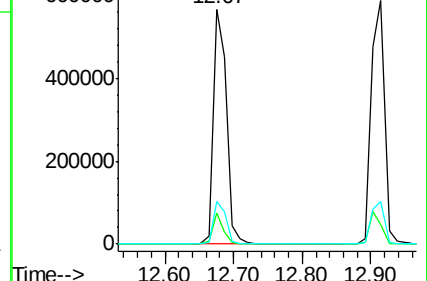
203 18.2 0.0 37.3

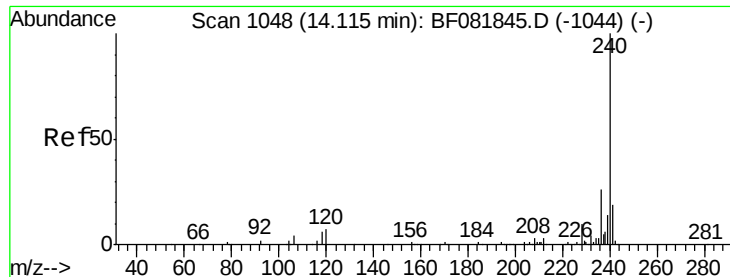


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

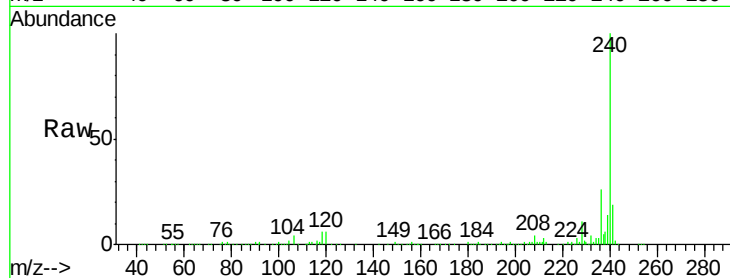
Tgt Ion:240 Resp: 340793

Ion Ratio Lower Upper

240 100

120 6.3 16.2 24.2#

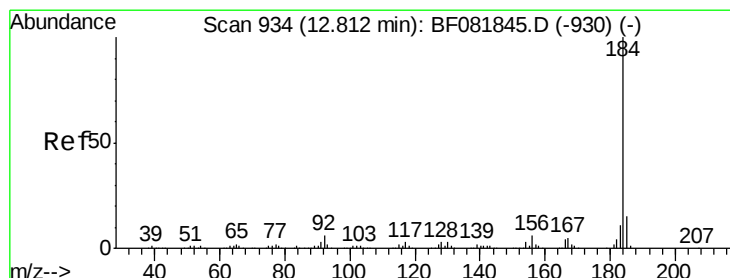
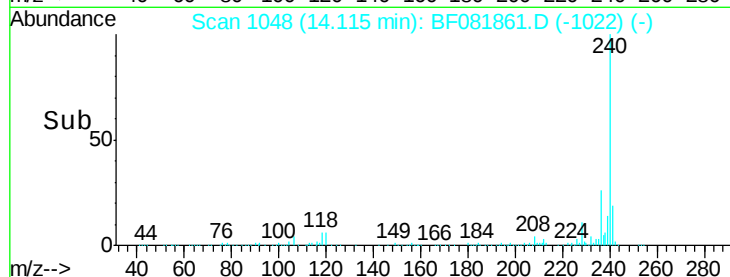
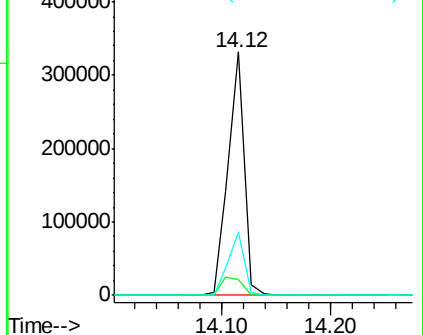
236 25.7 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.73 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

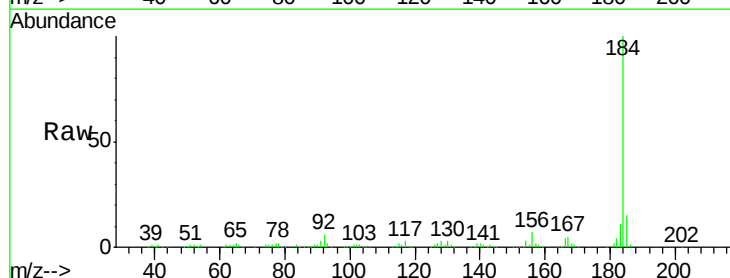
Tgt Ion:184 Resp: 407959

Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.6

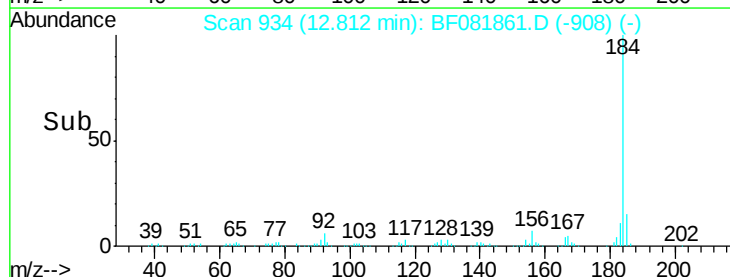
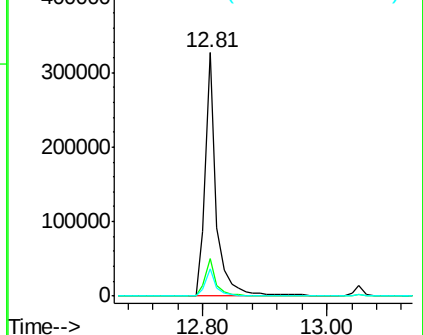
183 11.2 7.6 11.4

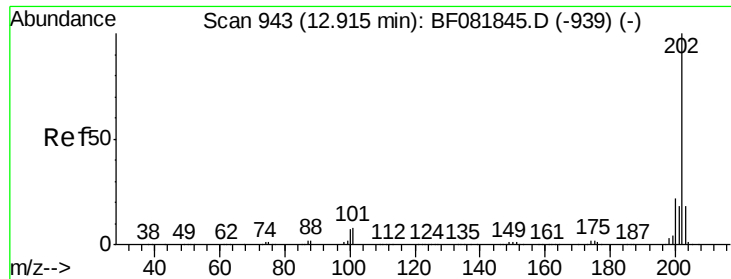


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

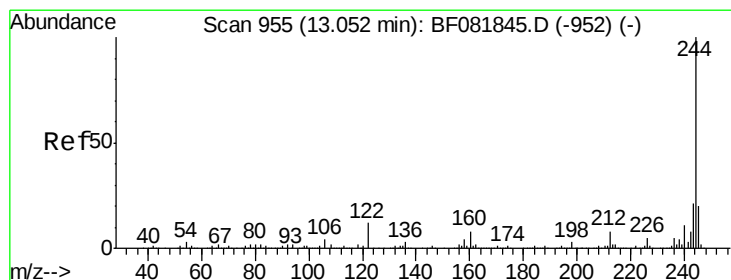
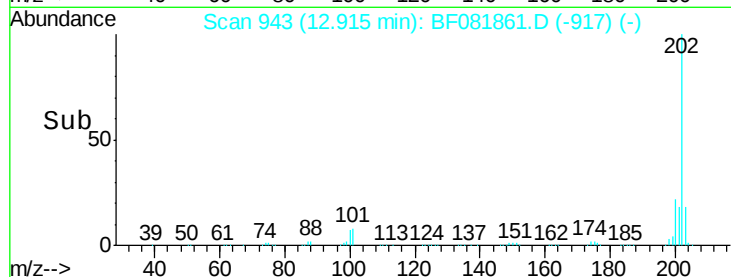
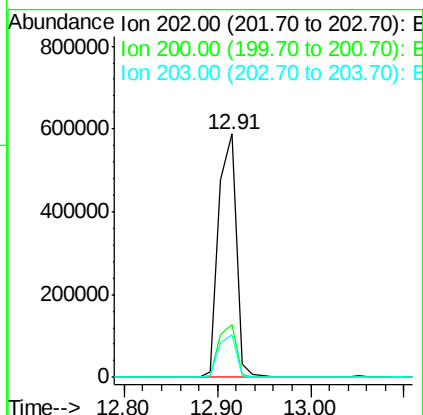
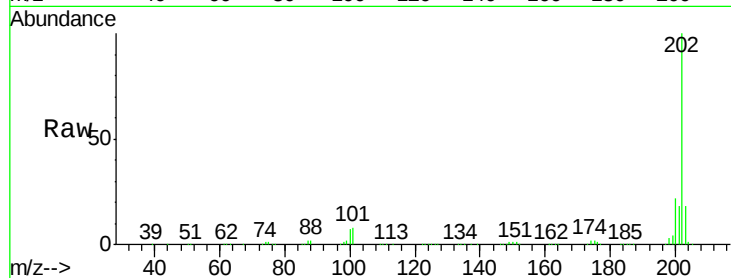




#77
 Pyrene
 Concen: 37.97 ng
 RT: 12.91 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

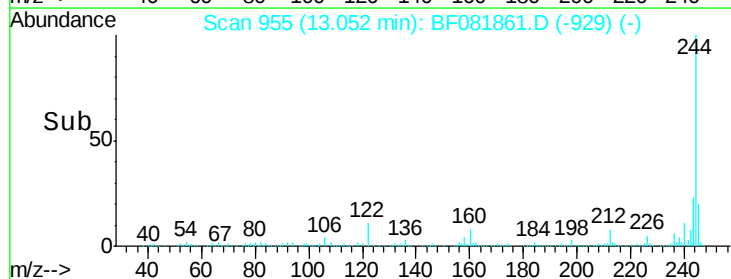
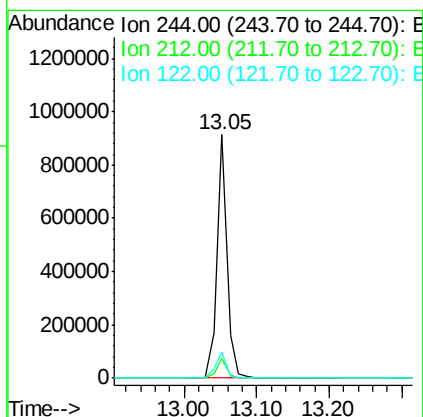
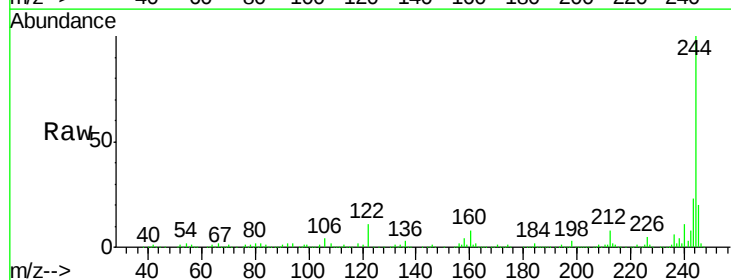
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	15.0	22.4
203	17.6	14.1	21.1



#78
 Terphenyl-d14
 Concen: 82.08 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.3	6.5#
122	10.7	17.4	26.2#

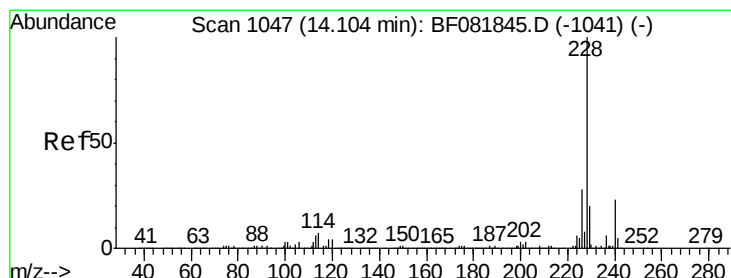
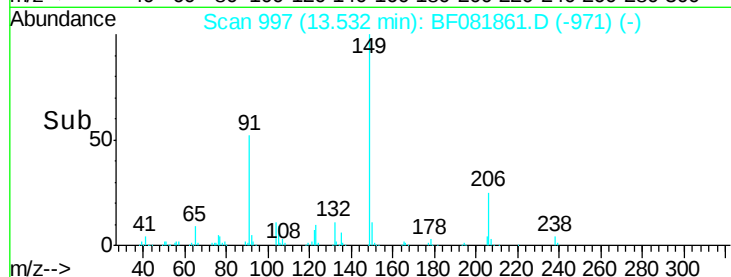
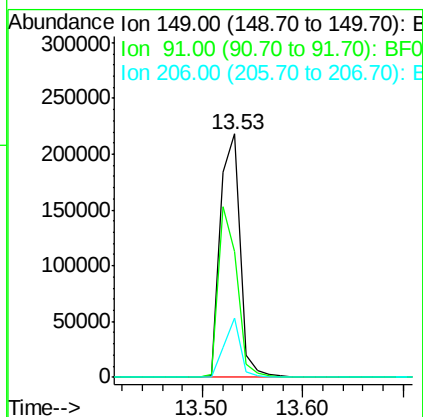
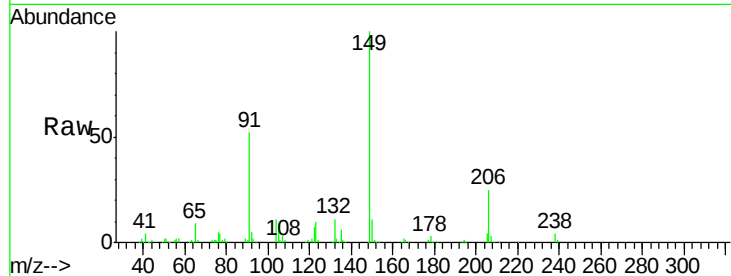




#79
Butylbenzylphthalate
Concen: 39.00 ng
RT: 13.53 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

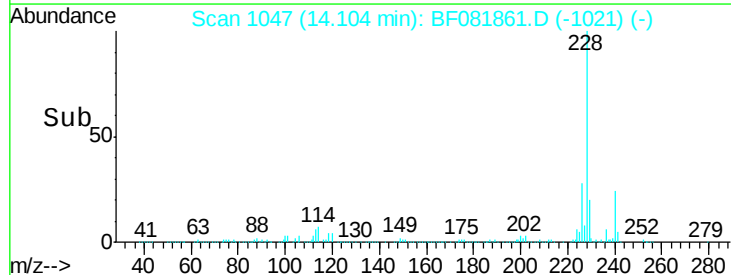
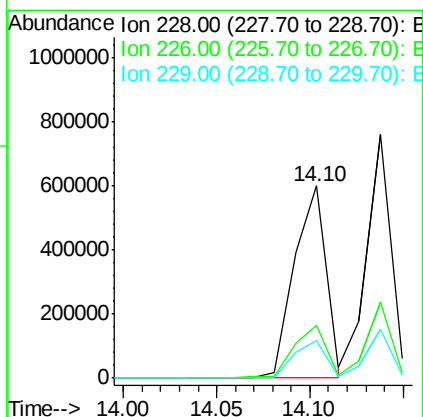
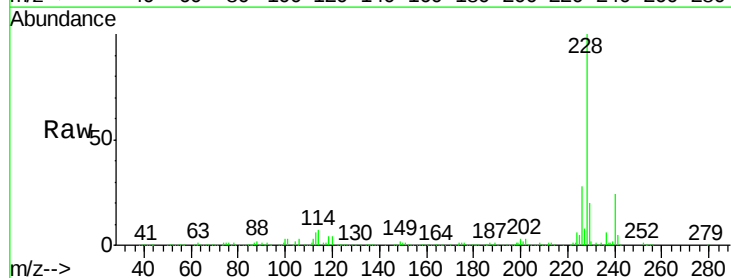
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Resp	Lower	Upper
149	298756		
91	51.7	48.6	72.8
206	24.6	14.9	22.3



#80
Benzo(a)anthracene
Concen: 39.02 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

Tgt Ion	Resp	Lower	Upper
228	716078		
226	27.5	20.0	30.0
229	19.6	15.4	23.2

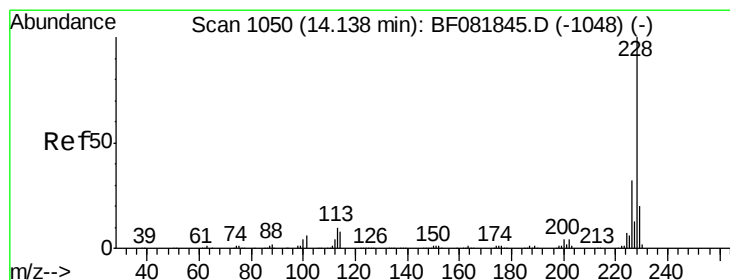
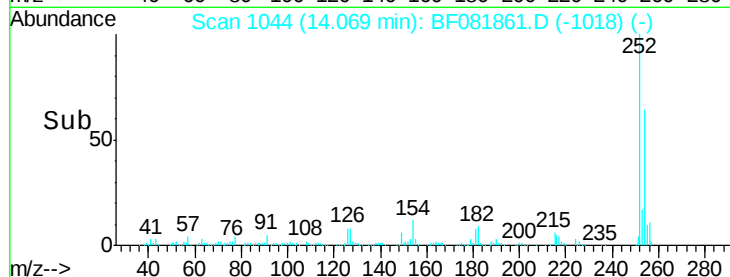
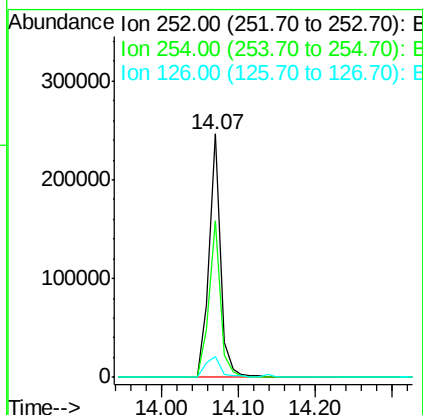
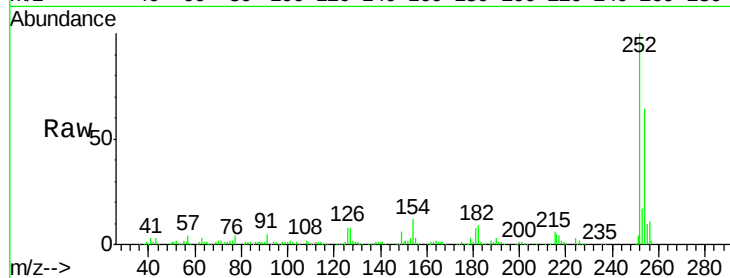




#81
 3,3'-Dichlorobenzidine
 Concen: 41.18 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

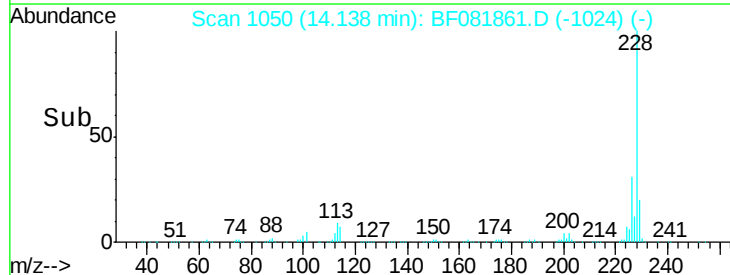
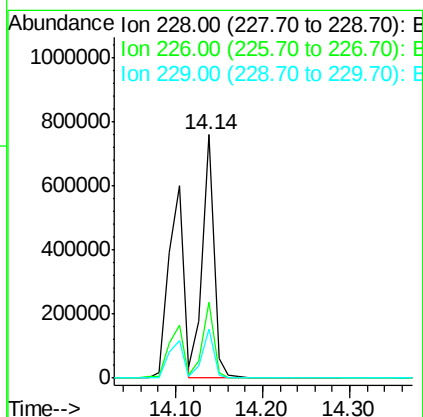
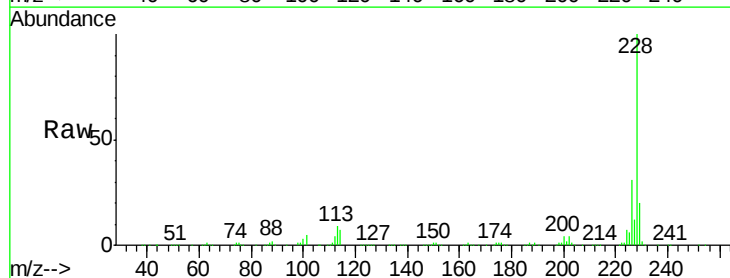
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.2
126	8.4	16.4	24.6#



#82
 Chrysene
 Concen: 42.06 ng
 RT: 14.14 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.0	31.4
229	20.2	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.04 ng

RT: 14.08 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

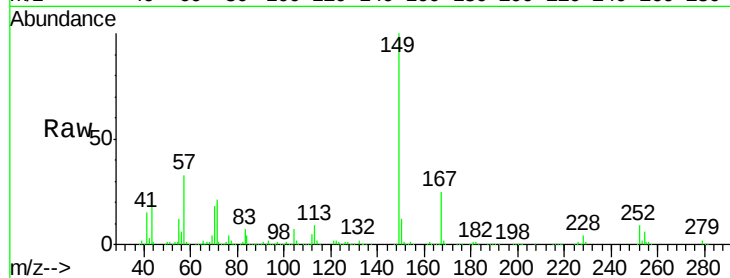
Tgt Ion:149 Resp: 384824

Ion Ratio Lower Upper

149 100

167 24.9 24.2 36.2

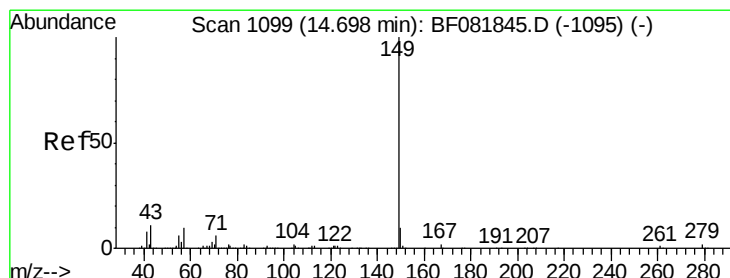
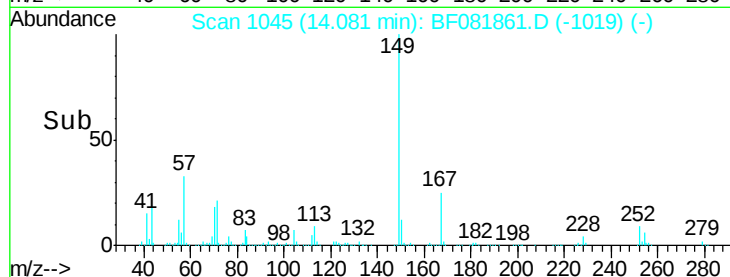
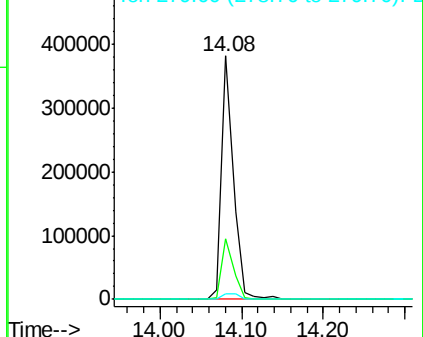
279 2.3 3.8 5.6#



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: 40.06 ng

RT: 14.70 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

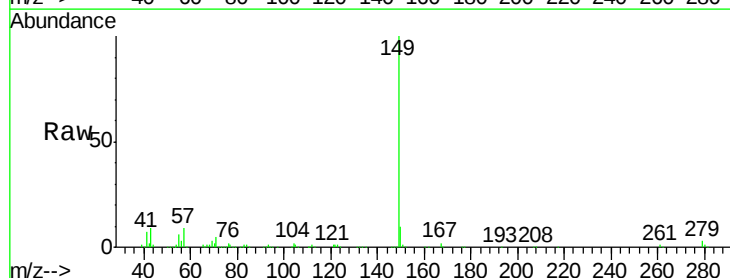
Tgt Ion:149 Resp: 626425

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

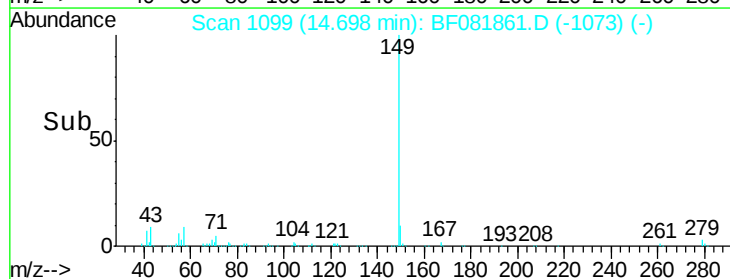
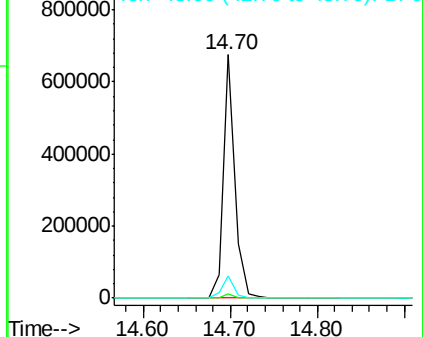
43 9.3 10.2 15.2#



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

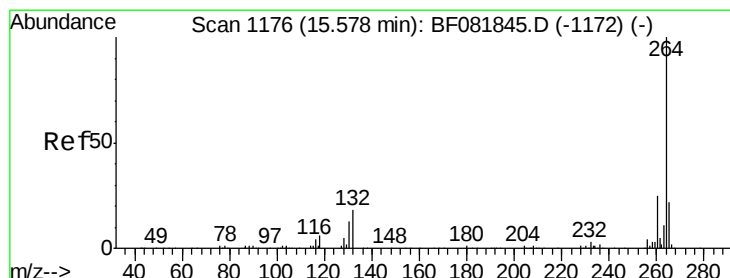
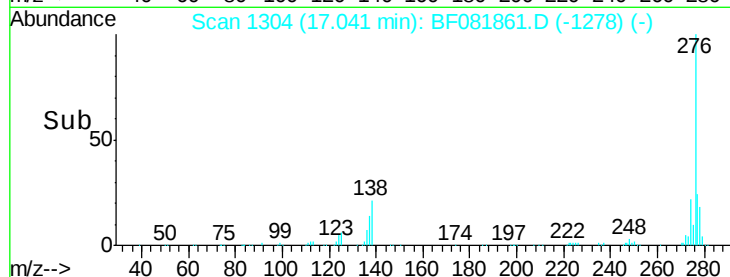
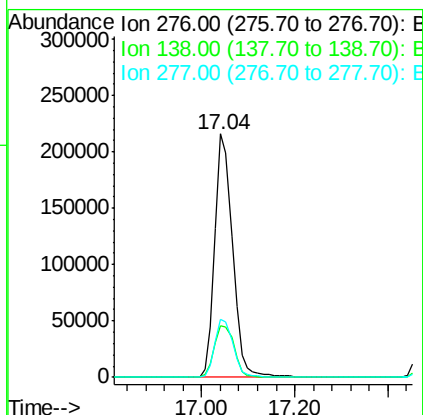
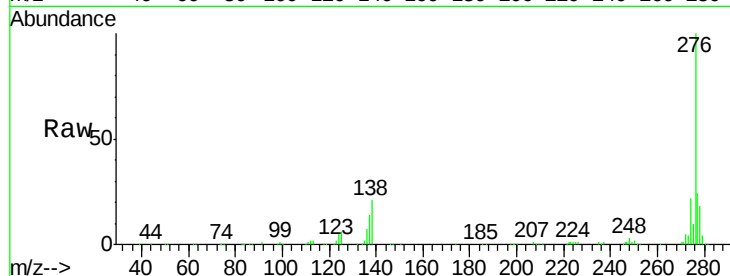




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.18 ng
 RT: 17.04 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

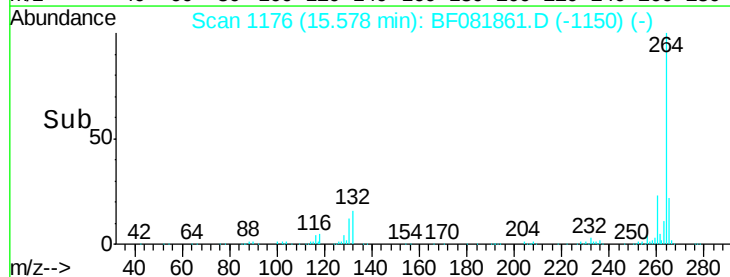
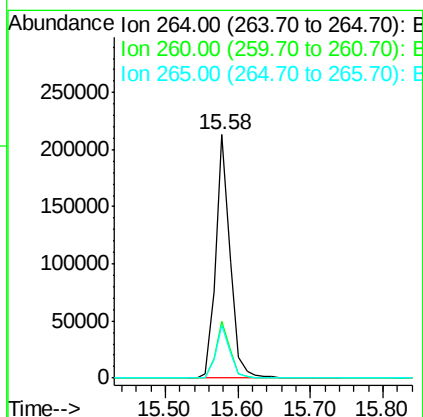
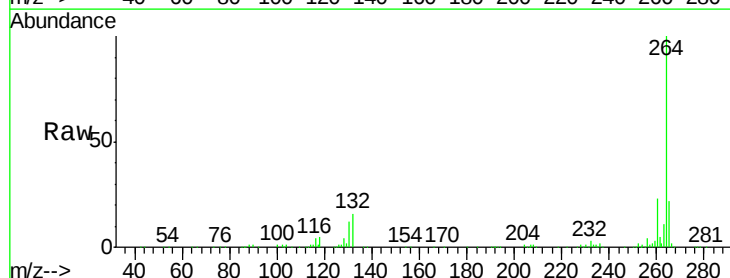
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

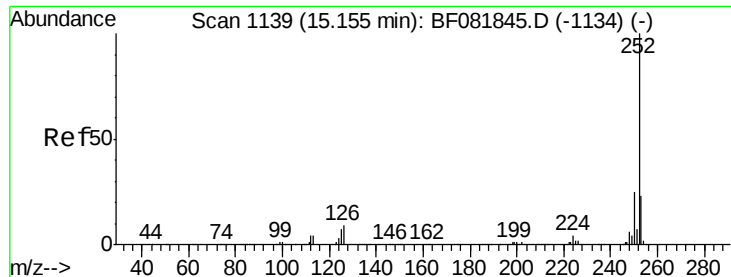
Tgt Ion: 276 Resp: 576840
 Ion Ratio Lower Upper
 276 100
 138 23.7 25.7 38.5#
 277 24.6 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081861.D
 Acq: 29 Sep 2015 2:29

Tgt Ion: 264 Resp: 291890
 Ion Ratio Lower Upper
 264 100
 260 23.5 16.7 25.1
 265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 40.80 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

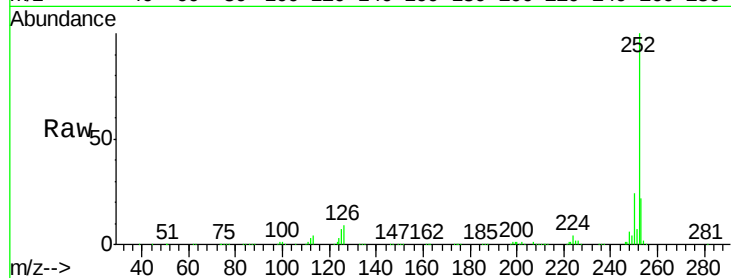
Tgt Ion:252 Resp: 679898

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

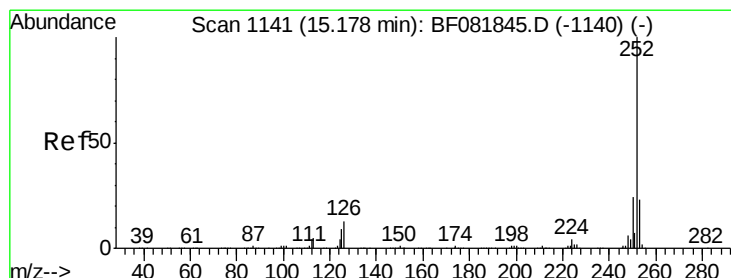
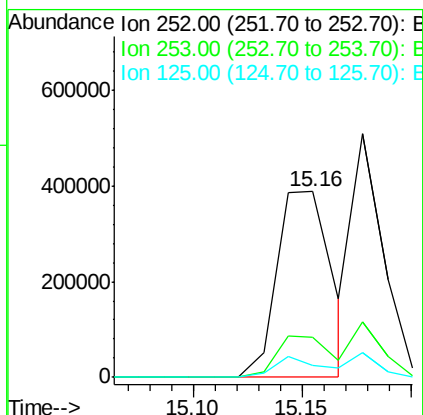
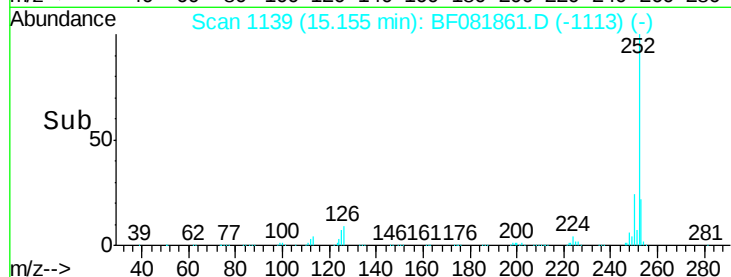
125 6.5 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.51 ng

RT: 15.16 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BF081861.D

Acq: 29 Sep 2015 2:29

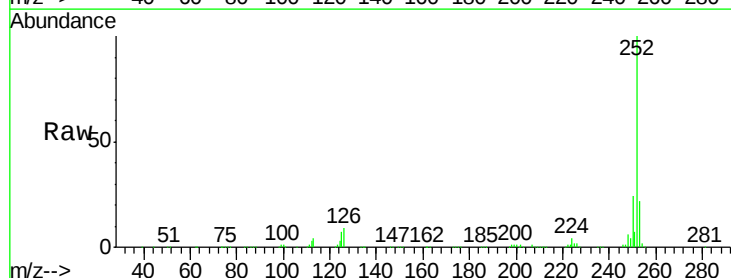
Tgt Ion:252 Resp: 679898

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

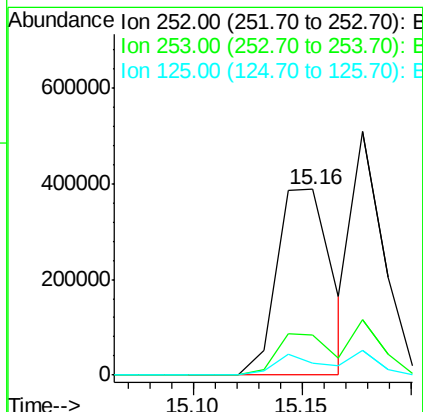
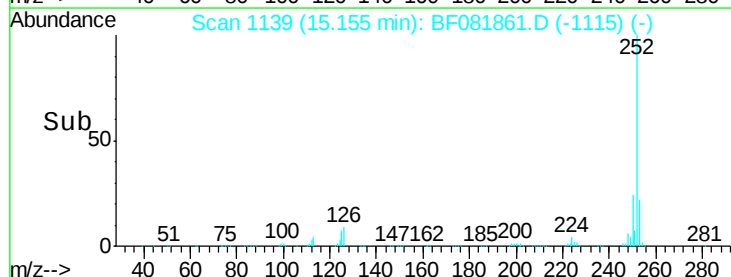
125 6.5 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

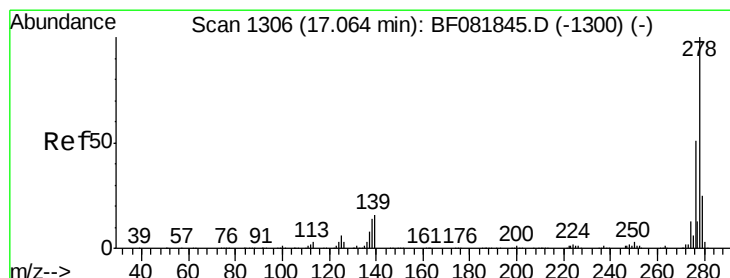
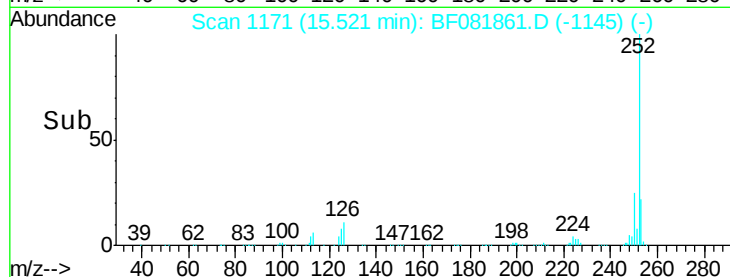
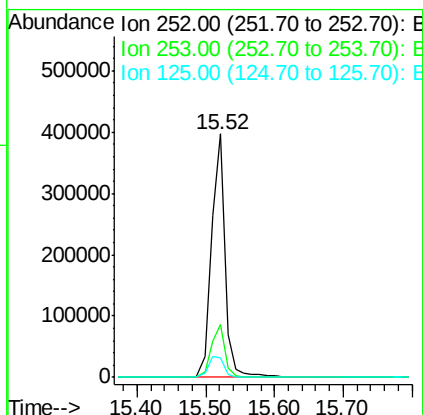
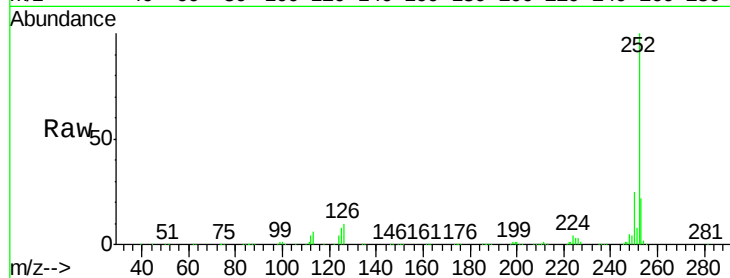




#89
Benzo(a)pyrene
Concen: 37.93 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

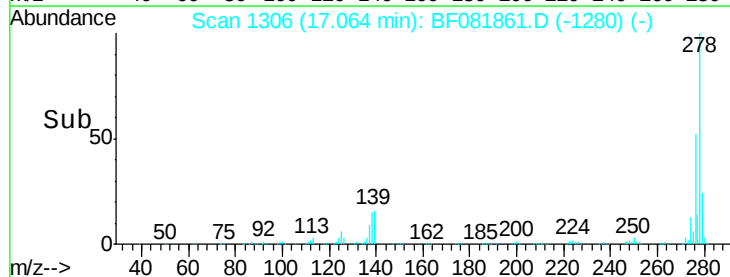
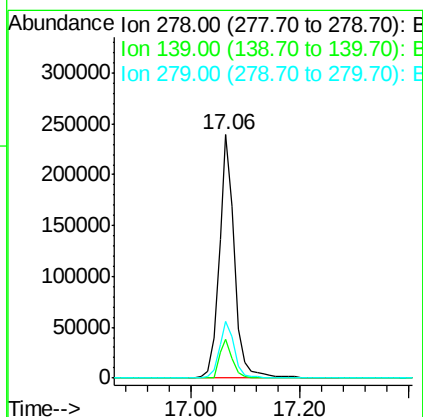
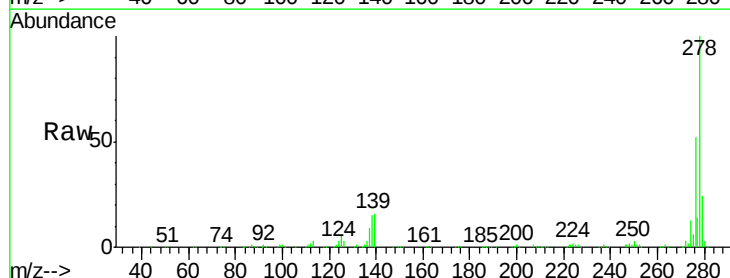
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 548309
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.2 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 38.81 ng
RT: 17.06 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF081861.D
Acq: 29 Sep 2015 2:29

Tgt Ion:278 Resp: 470690
Ion Ratio Lower Upper
278 100
139 16.1 26.3 39.5#
279 23.5 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 38.28 ng

RT: 17.49 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF081861.D

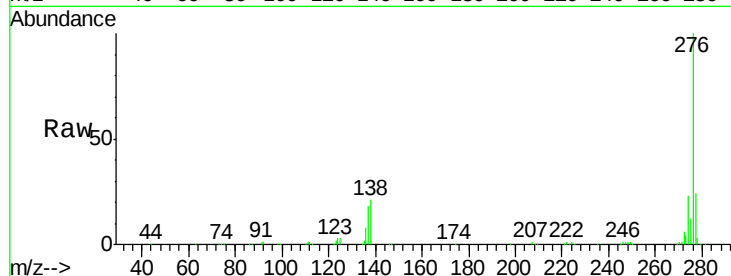
Acq: 29 Sep 2015 2:29

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion: 276 Resp: 475769

Ion Ratio Lower Upper

276 100

277 24.1 17.8 26.6

138 21.1 34.6 51.8#

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

