

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
 Data File : BF087861.D
 Acq On : 9 Jun 2016 19:24
 Operator : UM/SJ
 Sample : H3380-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

Quant Time: Jun 10 02:22:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	119767	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	460251	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	197619	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	312944	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	234043	20.00	ng	-0.02
86) Perylene-d12	15.37	264	187497	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	376033	53.67	ng	-0.01
7) Phenol-d6	6.47	99	902861	106.34	ng	-0.01
23) Nitrobenzene-d5	7.39	82	603892	76.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	54856	26.29	ng	-0.03
44) 2-Fluorobiphenyl	9.19	172	922599	72.53	ng	-0.02
78) Terphenyl-d14	12.91	244	569730	55.39	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.43	88	90928	26.71	ng	# 34
3) Pyridine	3.14	79	289384	36.00	ng	100
4) n-Nitrosodimethylamine	3.10	42	121075	35.57	ng	87
6) Aniline	6.51	93	234631	19.42	ng	99
8) 2-Chlorophenol	6.60	128	218896	26.40	ng	95
9) Benzaldehyde	6.36	77	36394	5.36	ng	90
10) Phenol	6.48	94	345242	39.05	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	255394	34.30	ng	92
12) 1,3-Dichlorobenzene	6.76	146	318051m	35.75	ng	
13) 1,4-Dichlorobenzene	6.84	146	300133	33.49	ng	95
14) 1,2-Dichlorobenzene	6.99	146	284193m	34.87	ng	
15) Benzyl Alcohol	6.97	79	247831	37.31	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	347778	34.58	ng	92
17) 2-Methylphenol	7.08	107	235973	35.09	ng	98
18) Hexachloroethane	7.34	117	157035	49.38	ng	92
19) n-Nitroso-di-n-propylamine	7.24	70	201968	37.18	ng	91
20) 3+4-Methylphenols	7.23	107	278870	35.54	ng	# 72
22) Acetophenone	7.23	105	383338	37.27	ng	# 88
24) Nitrobenzene	7.40	77	284696	37.29	ng	# 85
25) Isophorone	7.64	82	504505	34.56	ng	97
26) 2-Nitrophenol	7.72	139	67103	16.41	ng	# 79
27) 2,4-Dimethylphenol	7.77	122	288389	38.30	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	344679	38.07	ng	# 97
29) 2,4-Dichlorophenol	7.96	162	147488	23.46	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	234867	34.31	ng	96
31) Naphthalene	8.14	128	837601	36.78	ng	99
32) Benzoic acid	7.77	122	288389	69.55	ng	# 13
33) 4-Chloroaniline	8.18	127	174631	17.17	ng	97
34) Hexachlorobutadiene	8.25	225	126039	34.91	ng	100
35) Caprolactam	8.54	113	70375	33.79	ng	# 73
36) 4-Chloro-3-methylphenol	8.66	107	220399	32.78	ng	99
37) 2-Methylnaphthalene	8.82	142	635824	42.35	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	199679	36.44	ng	# 1
40) Hexachlorocyclopentadiene	8.97	237	31450	9.87	ng	96

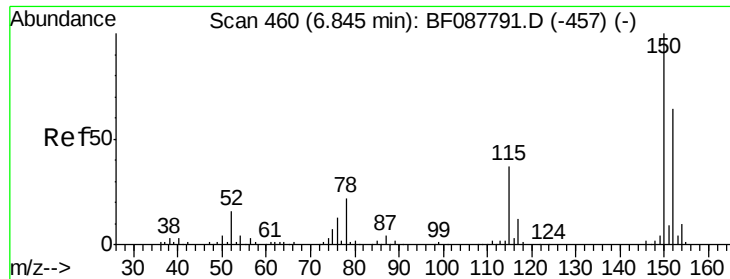
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	35140	8.89	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	71341	17.35	nq	98
45) 1,1'-Biphenyl	9.28	154	560148	36.61	nq	100
46) 2-Chloronaphthalene	9.30	162	438989	34.33	nq	100
47) 2-Nitroaniline	9.40	65	148304	39.31	nq	# 59
48) Acenaphthylene	9.71	152	711832	35.00	nq	100
49) Dimethylphthalate	9.59	163	712582	49.78	nq	100
50) 2,6-Dinitrotoluene	9.64	165	131673	40.16	nq	# 82
51) Acenaphthene	9.90	154	493842	38.92	nq	99
52) 3-Nitroaniline	9.80	138	109290	28.89	nq	98
54) Dibenzofuran	10.06	168	646792	37.01	nq	# 90
55) 4-Nitrophenol	9.96	139	19160	6.53	nq	# 83
56) 2,4-Dinitrotoluene	10.04	165	170665	40.51	nq	98
57) Fluorene	10.40	166	435764	35.93	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	15563	4.82	nq	# 55
59) Diethylphthalate	10.27	149	544209	37.56	nq	98
60) 4-Chlorophenyl-phenylether	10.40	204	211363	36.37	nq	91
61) 4-Nitroaniline	10.41	138	118137	32.92	nq	95
62) Azobenzene	10.55	77	486566	33.96	nq	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	1135	2.72	nq	86
65) n-Nitrosodiphenylamine	10.51	169	442881	42.65	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	127706	38.04	nq	# 78
67) Hexachlorobenzene	10.95	284	129040	36.99	nq	92
68) Atrazine	11.04	200	118225	37.60	nq	92
69) Pentachlorophenol	11.14	266	16380	8.91	nq	99
70) Phenanthrene	11.36	178	772058	47.02	nq	99
71) Anthracene	11.40	178	619007	37.37	nq	99
72) Carbazole	11.57	167	621818	40.11	nq	98
73) Di-n-butylphthalate	11.90	149	703647	35.86	nq	100
74) Fluoranthene	12.55	202	809784	46.73	nq	93
76) Benzidine	12.66	184	224042	34.57	nq	99
77) Pyrene	12.77	202	731113	42.10	nq	99
79) Butylbenzylphthalate	13.39	149	281851	36.71	nq	94
80) Benzo(a)anthracene	13.95	228	550287	41.26	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	112715	31.43	nq	99
82) Chrysene	13.99	228	552597	44.04	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	362960	38.83	nq	# 97
84) Di-n-octyl phthalate	14.56	149	649120	42.74	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.73	276	391059	33.55	nq	# 100
87) Benzo(b)fluoranthene	14.97	252	520029m	39.79	nq	
88) Benzo(k)fluoranthene	14.99	252	379140m	38.46	nq	
89) Benzo(a)pyrene	15.31	252	426113	40.30	nq	# 96
90) Dibenzo(a,h)anthracene	16.75	278	319909	32.58	nq	96
91) Benzo(g,h,i)perylene	17.14	276	332579	32.92	nq	97

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

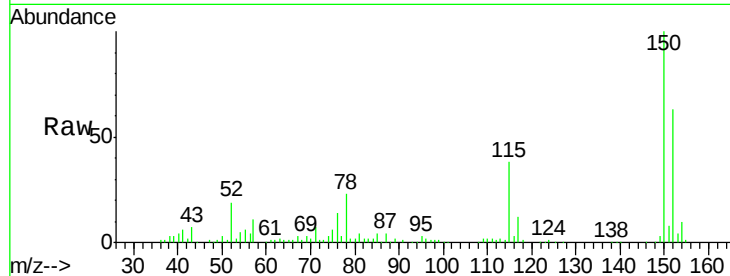


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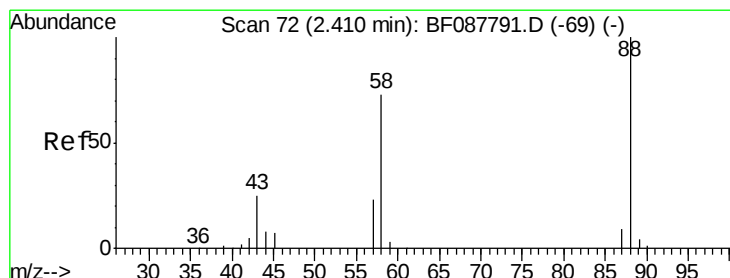
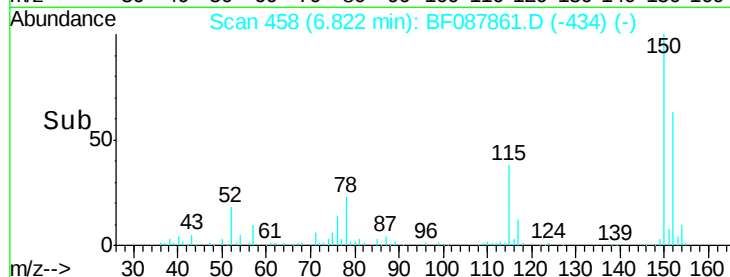
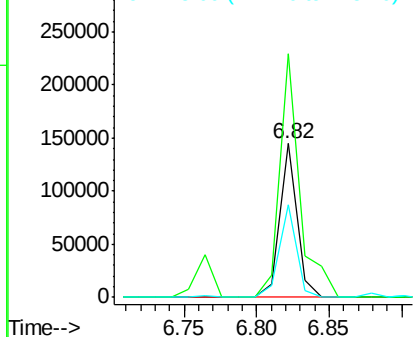
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

Tot Ion:152 Resp: 119767
Ion Ratio Lower Upper
152 100
150 158.6 123.8 185.6
115 60.7 39.6 59.4#



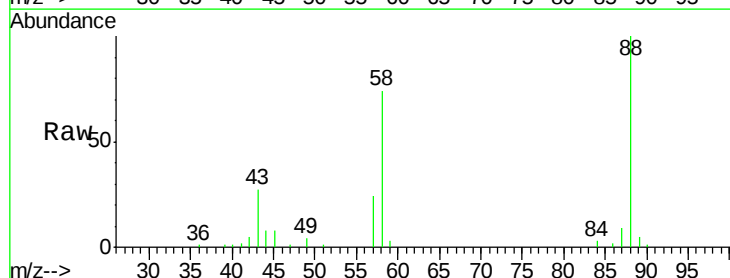
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



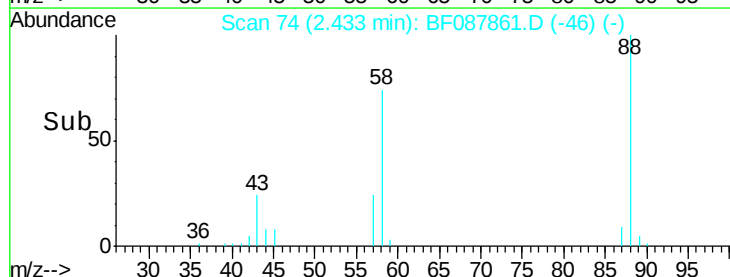
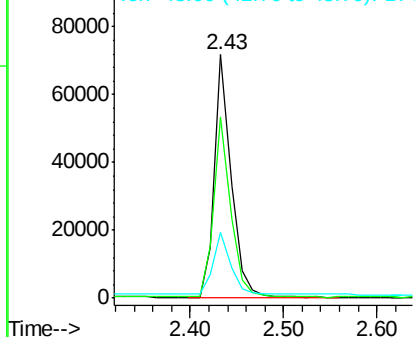
#2

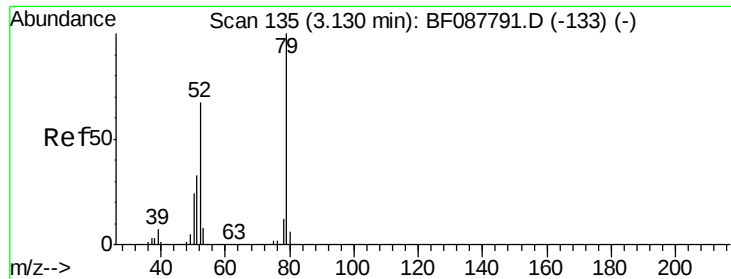
1,4-Dioxane
Concen: 26.71 ng
RT: 2.43 min Scan# 74
Delta R.T. 0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion: 88 Resp: 90928
Ion Ratio Lower Upper
88 100
58 74.3 0.0 0.0#
43 26.1 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.00 ng

RT: 3.14 min Scan# 136

Delta R.T. 0.01 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

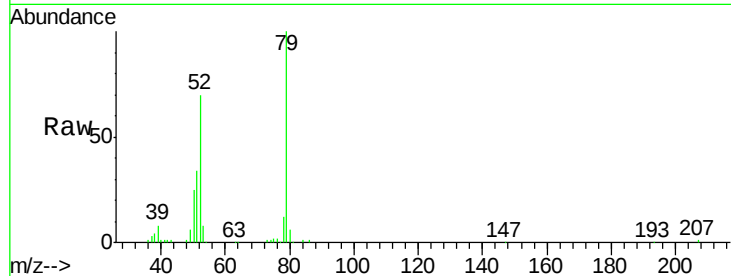
Tot Ion: 79 Resp: 289384

Ion Ratio Lower Upper

79 100

52 70.1 56.3 84.5

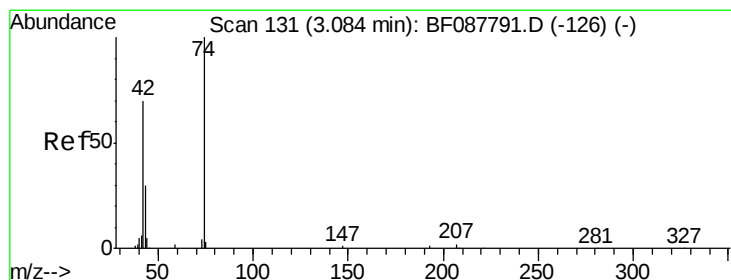
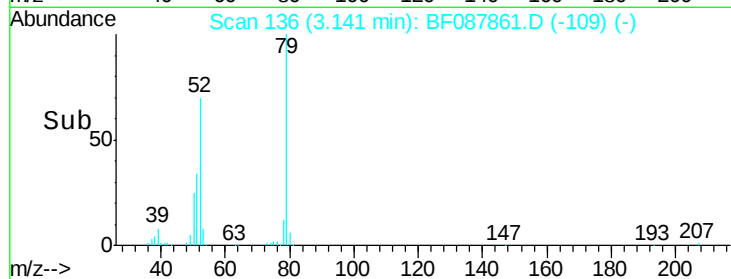
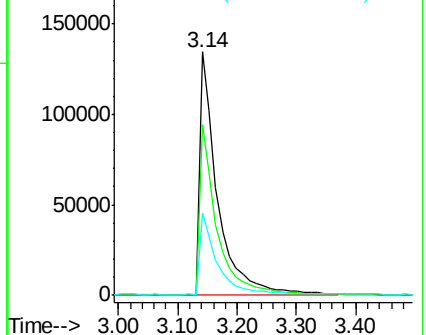
51 34.1 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.57 ng

RT: 3.10 min Scan# 132

Delta R.T. 0.01 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

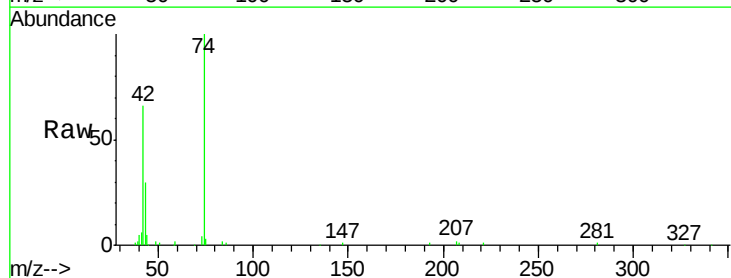
Tgt Ion: 42 Resp: 121075

Ion Ratio Lower Upper

42 100

74 151.8 108.6 163.0

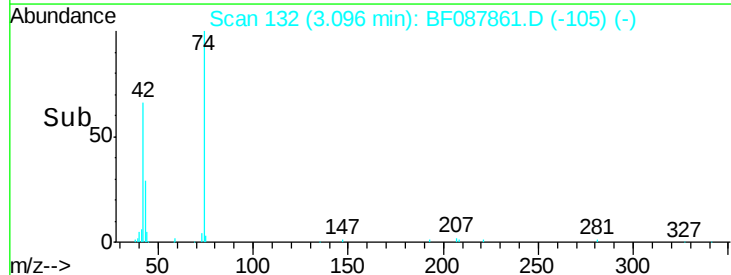
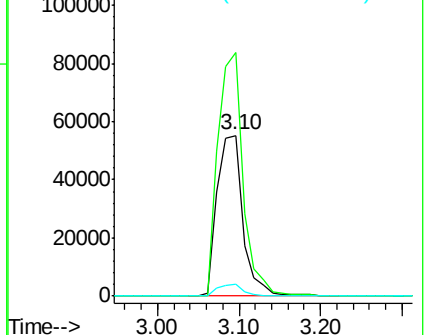
44 7.1 5.5 8.3

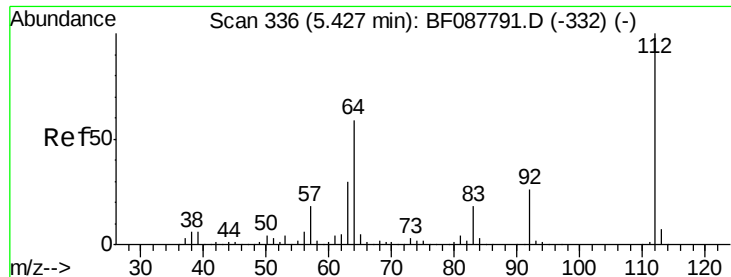


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 53.67 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

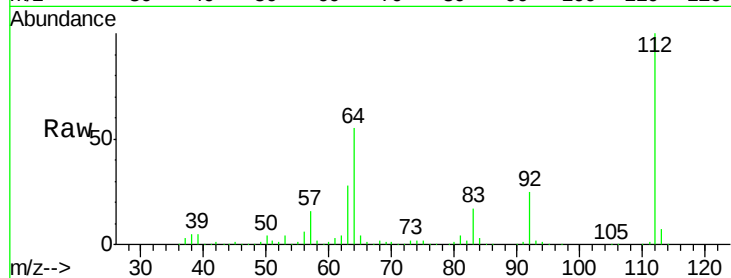
Tot Ion:112 Resp: 376033

Ion Ratio Lower Upper

112 100

64 55.4 42.2 63.2

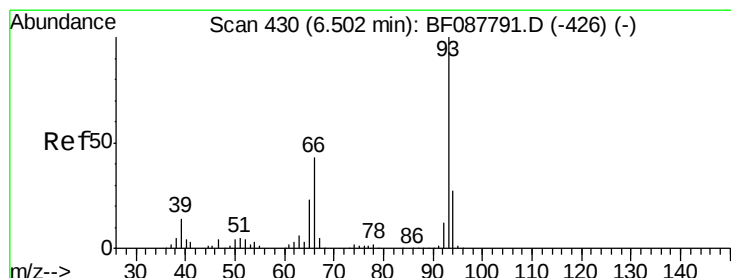
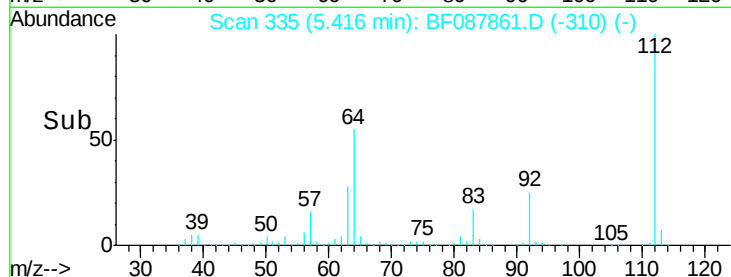
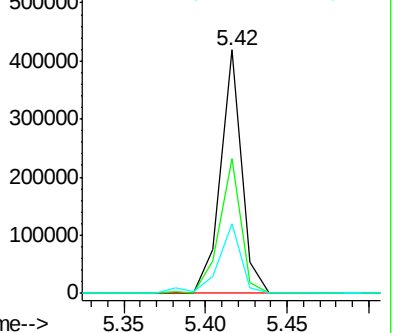
63 28.5 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.42 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.01 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

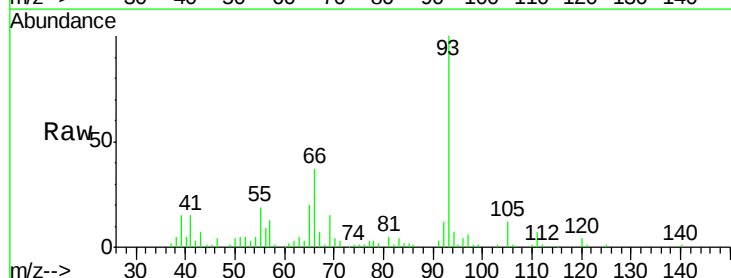
Tgt Ion: 93 Resp: 234631

Ion Ratio Lower Upper

93 100

66 36.8 29.8 44.8

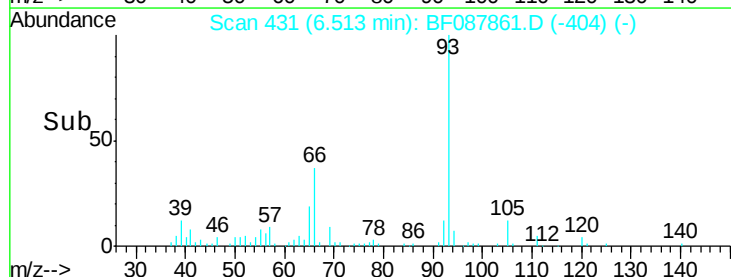
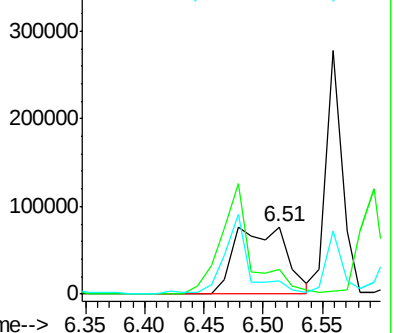
65 19.5 14.9 22.3

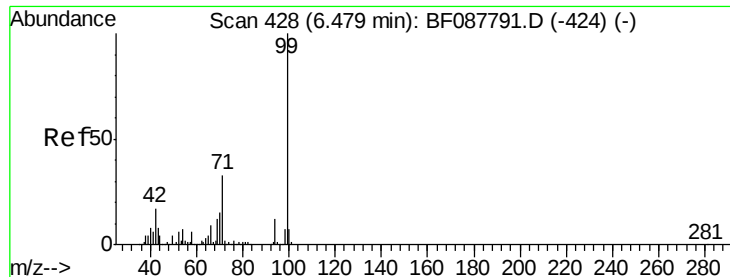


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 106.34 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

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U5-B1(0-12)CMS

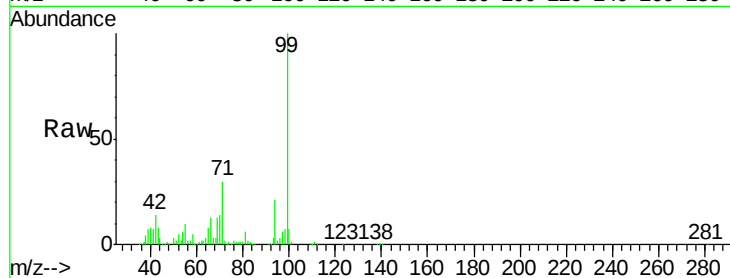
Tot Ion: 99 Resp: 902861

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.2

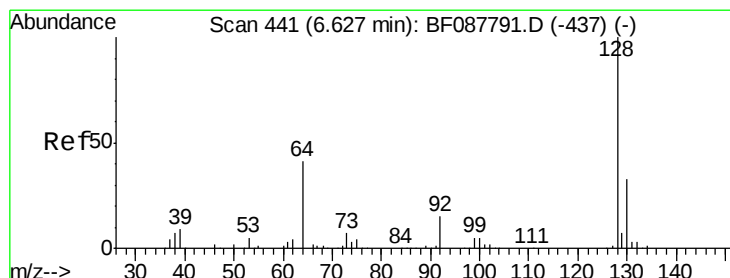
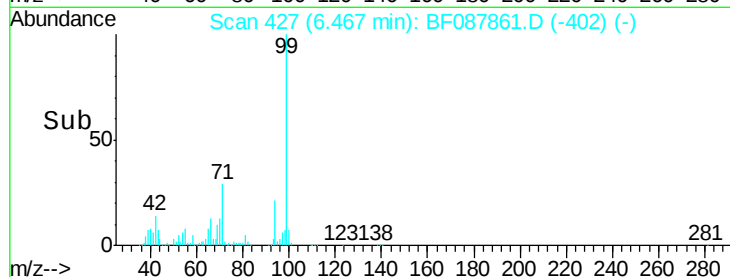
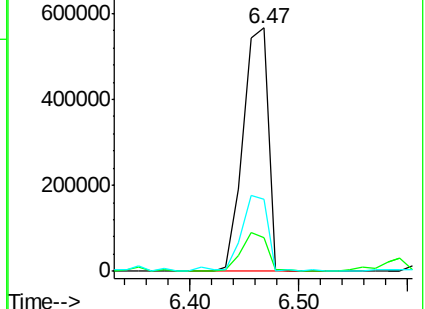
71 29.7 23.4 35.0



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: 26.40 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

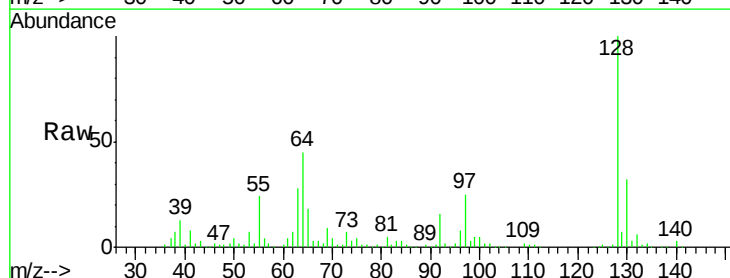
Tgt Ion: 128 Resp: 218896

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

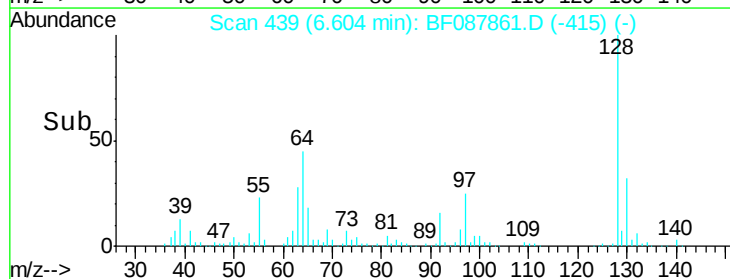
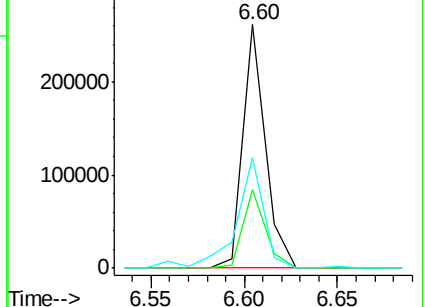
64 45.3 30.8 70.8

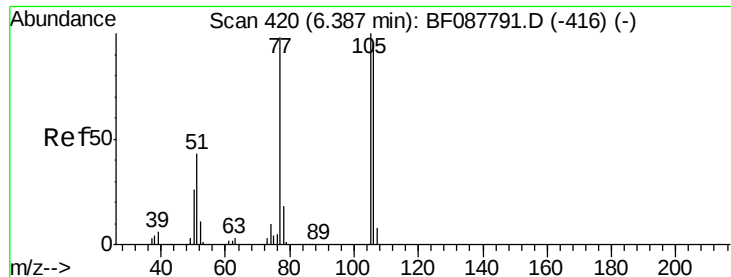


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.36 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

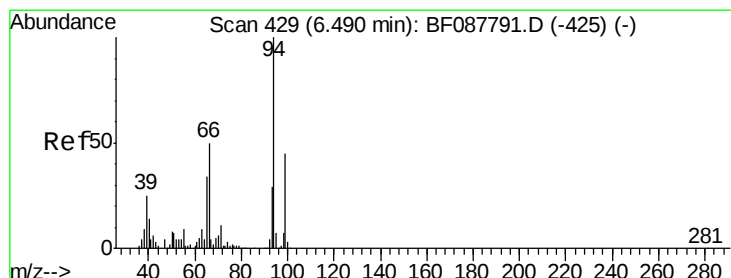
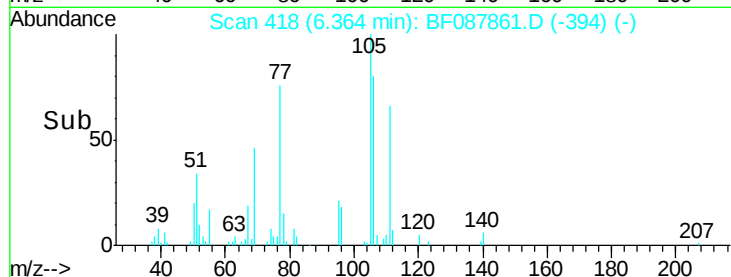
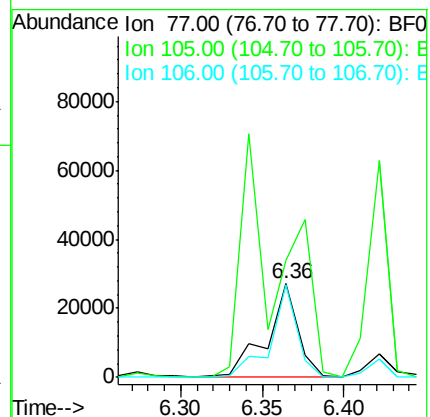
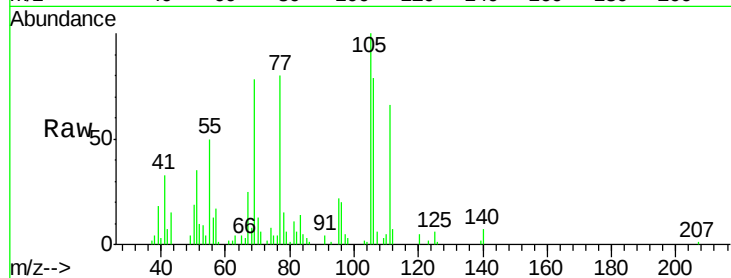
Tot Ion: 77 Resp: 36394

Ion Ratio Lower Upper

77 100

105 124.7 90.6 130.6

106 98.8 85.3 125.3



#10

Phenol

Concen: 39.05 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

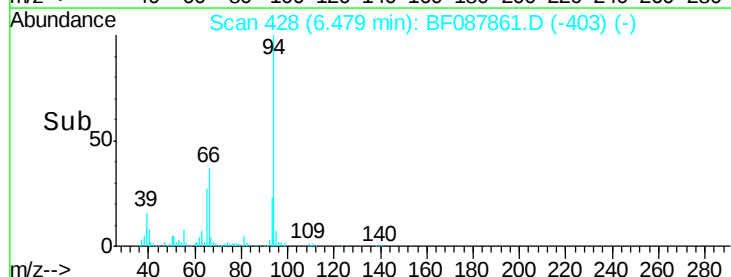
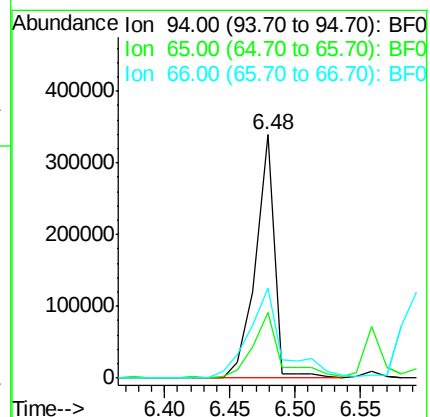
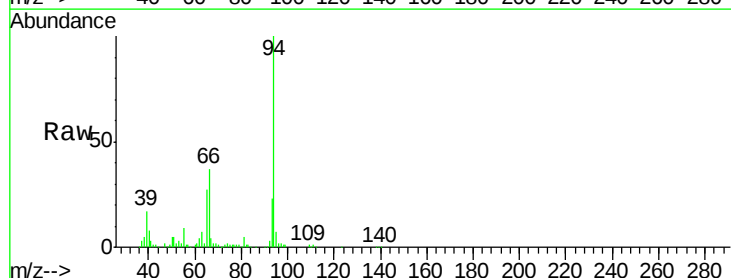
Tgt Ion: 94 Resp: 345242

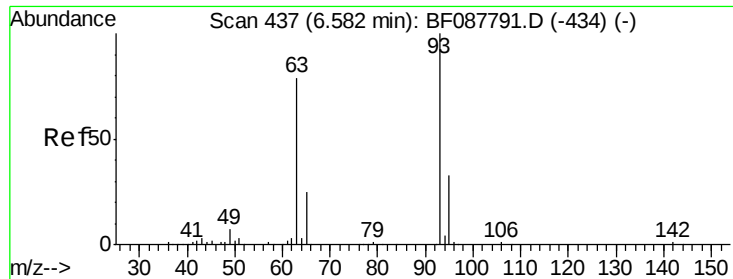
Ion Ratio Lower Upper

94 100

65 26.8 5.9 45.9

66 37.1 14.0 54.0

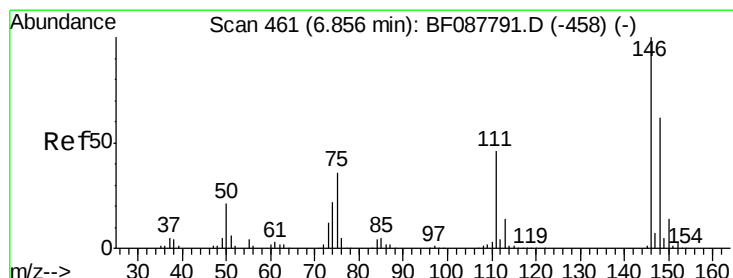
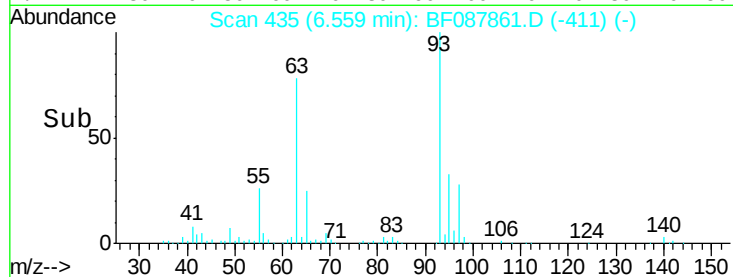
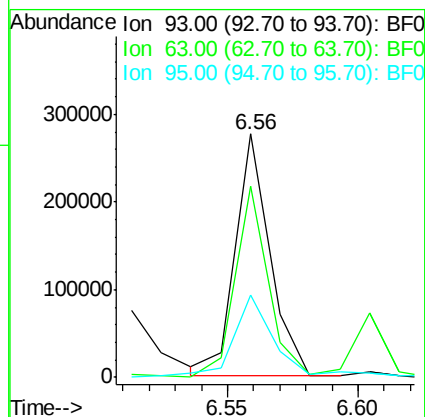
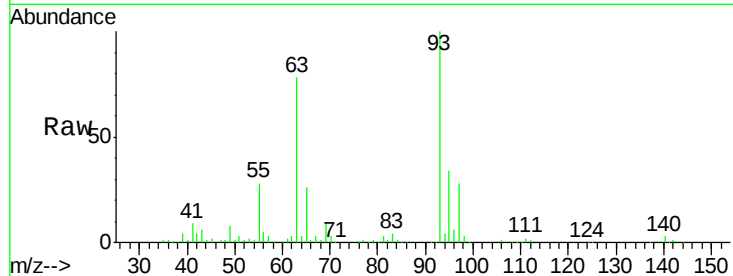




#11
bis(2-Chloroethyl)ether
Concen: 34.30 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

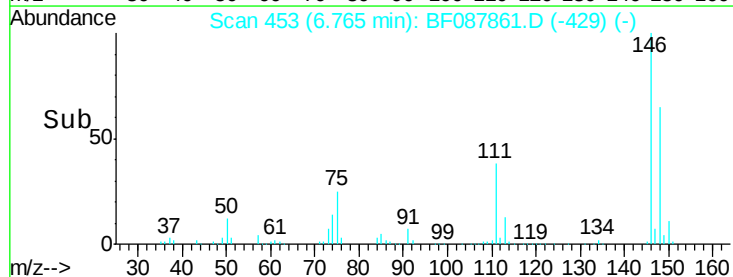
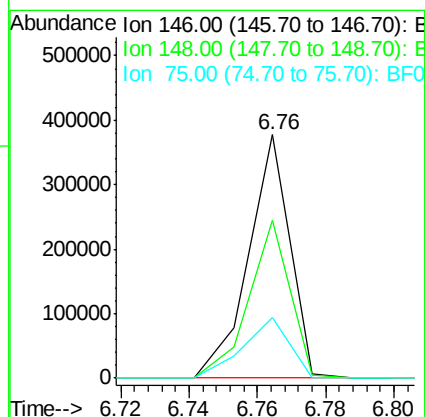
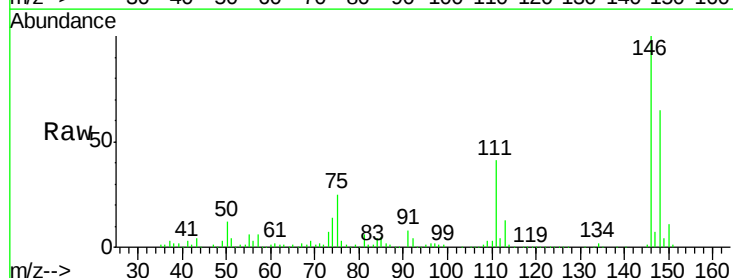
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

Tot Ion: 93 Resp: 255394
Ion Ratio Lower Upper
93 100
63 78.4 67.6 107.6
95 33.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 35.75 ng m
RT: 6.76 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion: 146 Resp: 318051
Ion Ratio Lower Upper
146 100
148 64.6 50.9 76.3
75 24.9 25.6 38.4#

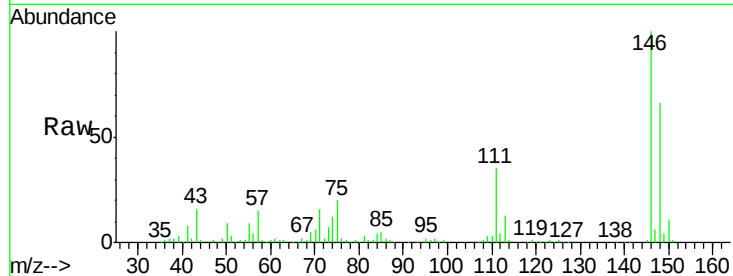




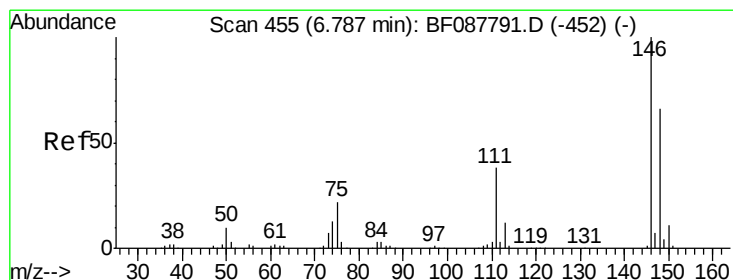
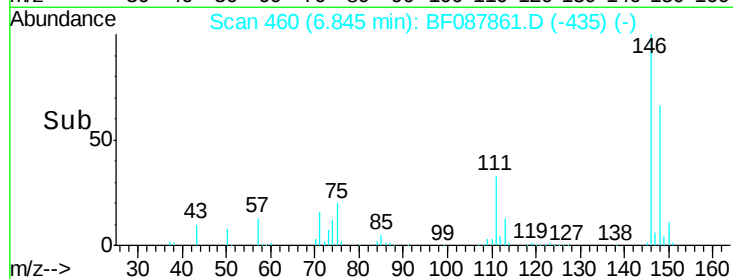
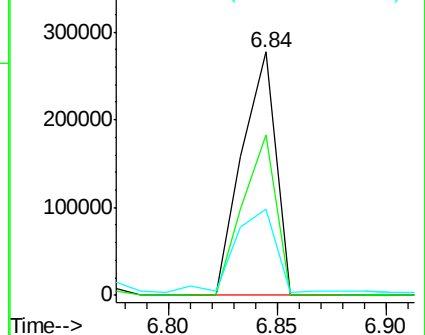
#13
1,4-Dichlorobenzene
Concen: 33.49 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

Tot Ion:146 Resp: 300133
Ion Ratio Lower Upper
146 100
148 66.1 52.0 78.0
111 35.5 33.8 50.8

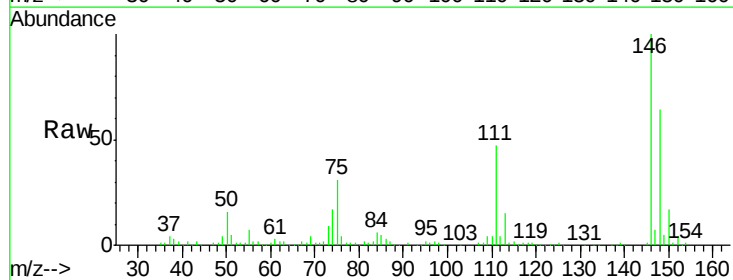


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

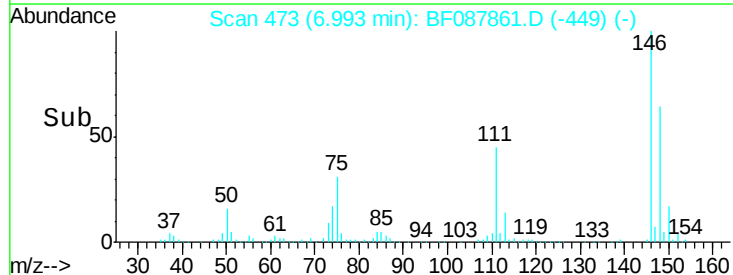
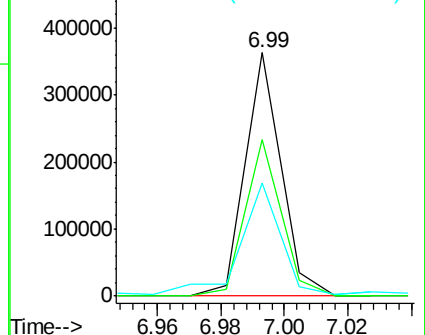


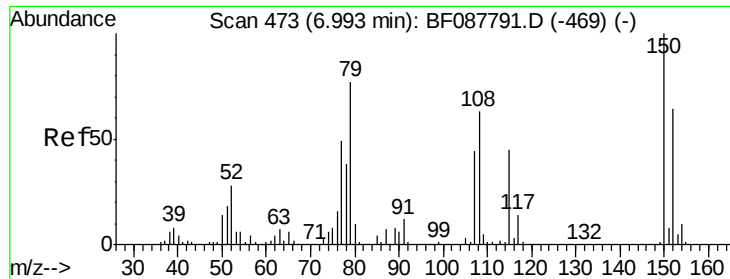
#14
1,2-Dichlorobenzene
Concen: 34.87 ng m
RT: 6.99 min Scan# 473
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion:146 Resp: 284193
Ion Ratio Lower Upper
146 100
148 64.1 52.3 78.5
111 46.5 28.7 43.1#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.31 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

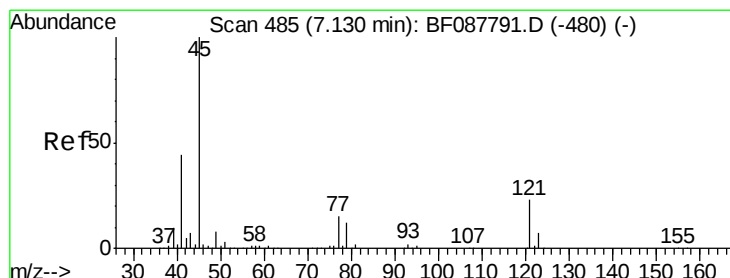
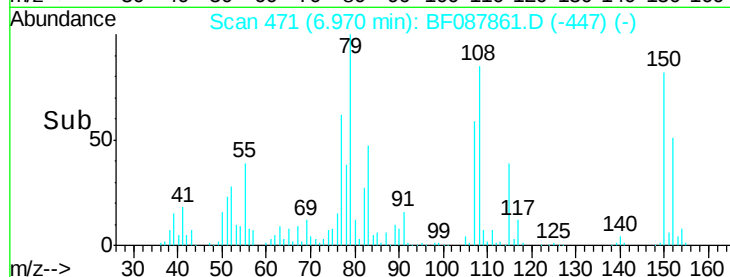
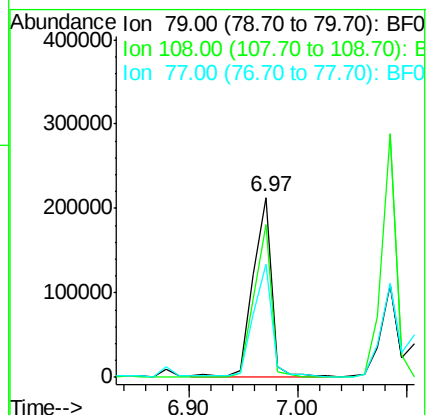
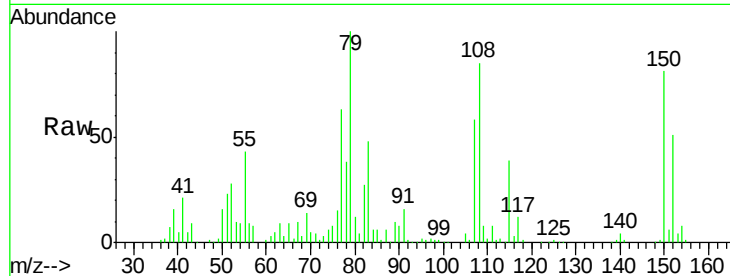
Tot Ion: 79 Resp: 247831

Ion Ratio Lower Upper

79 100

108 84.7 65.0 97.6

77 62.6 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.58 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

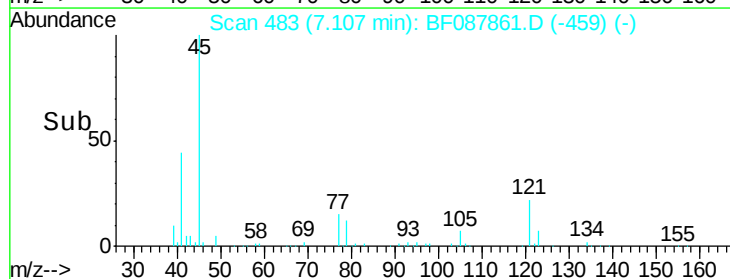
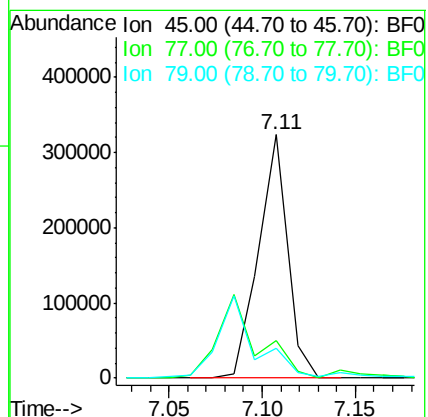
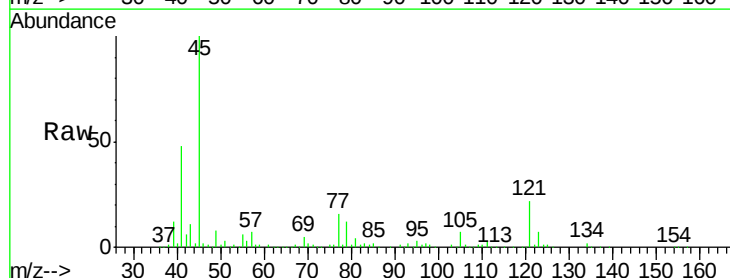
Tgt Ion: 45 Resp: 347778

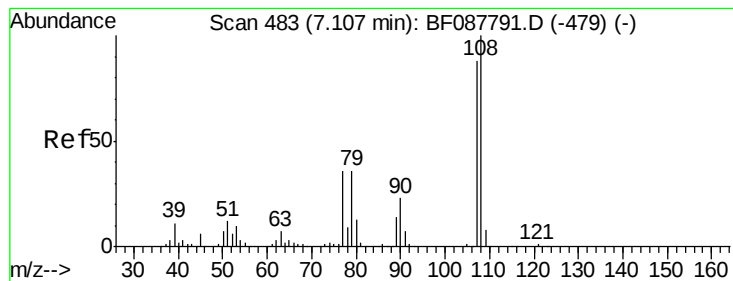
Ion Ratio Lower Upper

45 100

77 15.6 0.0 32.5

79 12.4 0.0 29.5

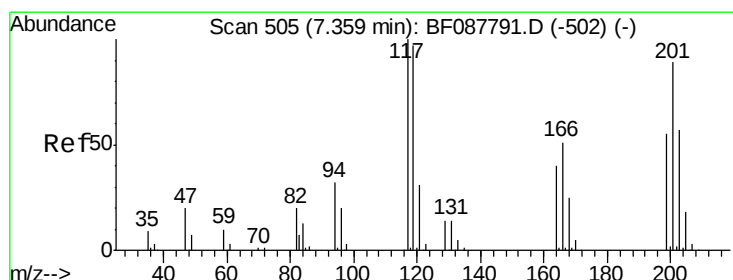
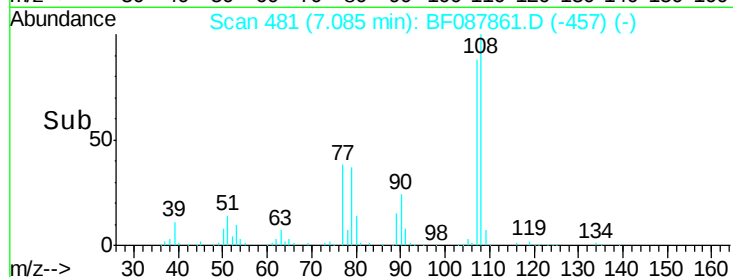
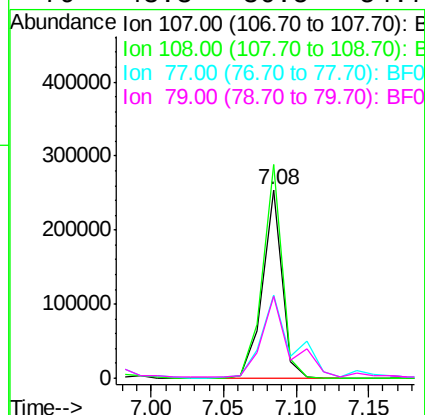
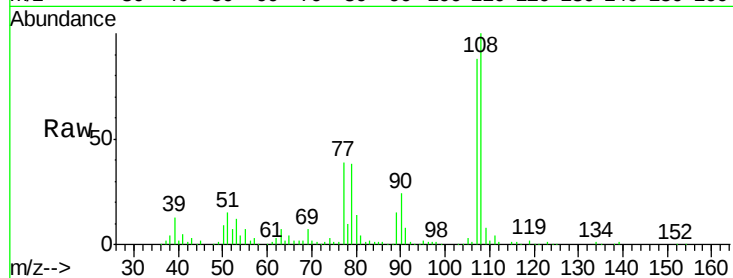




#17
2-Methylphenol
Concen: 35.09 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

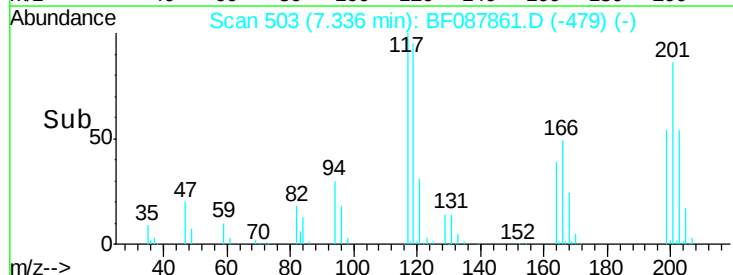
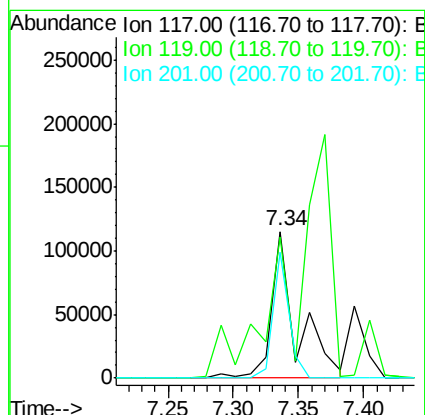
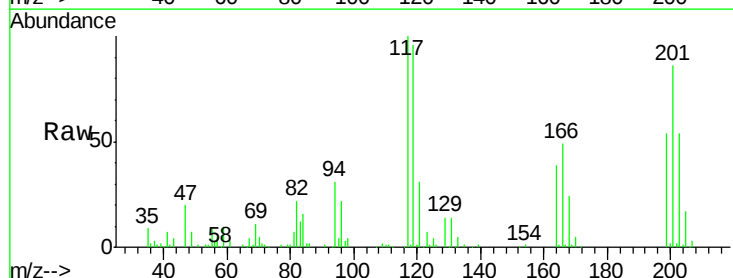
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

Tot Ion:107 Resp: 235973
Ion Ratio Lower Upper
107 100
108 113.4 90.9 136.3
77 44.0 36.6 55.0
79 43.3 36.5 54.7



#18
Hexachloroethane
Concen: 49.38 ng
RT: 7.34 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion:117 Resp: 157035
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.2
201 85.9 80.4 120.6

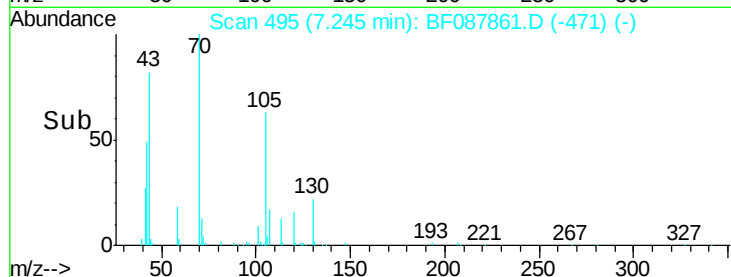
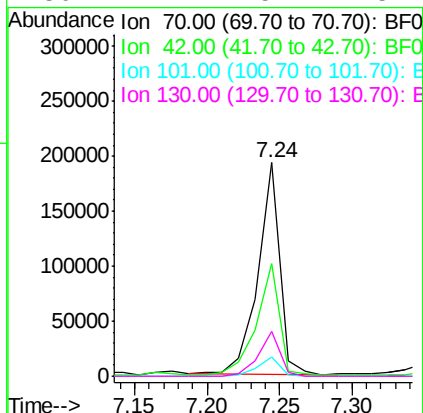
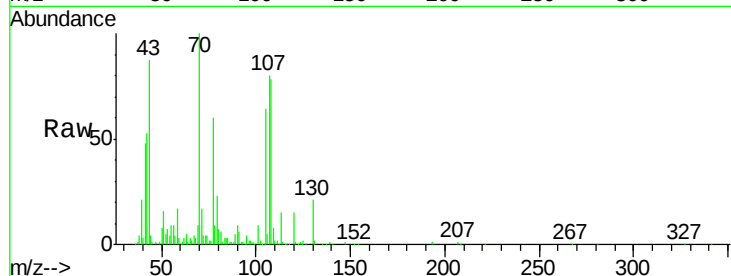




#19
n-Nitroso-di-n-propylamine
Concen: 37.18 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

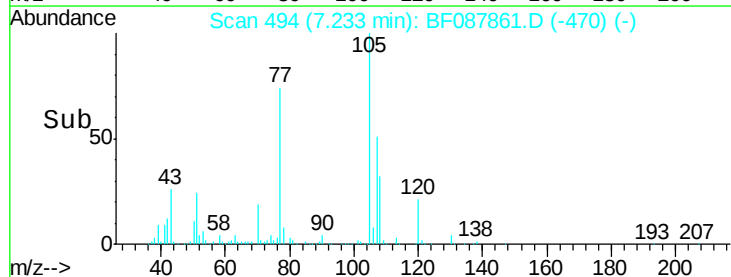
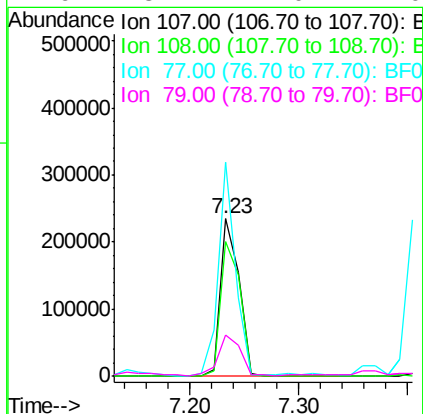
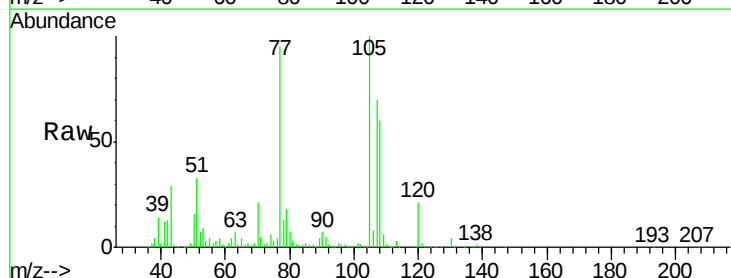
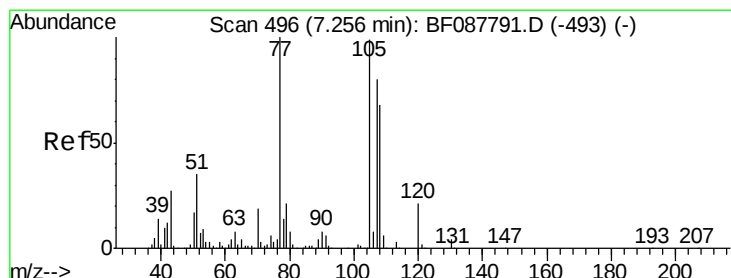
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

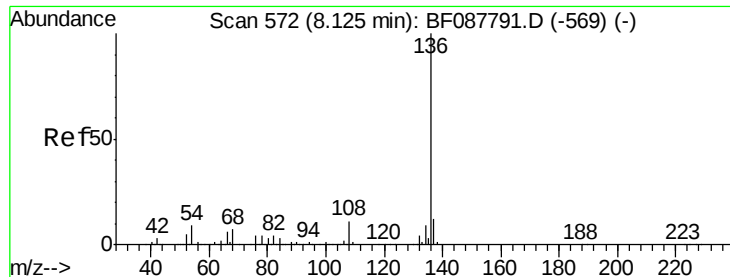
Tot Ion: 70 Resp: 201968
Ion Ratio Lower Upper
70 100
42 52.7 49.6 74.4
101 9.2 7.1 10.7
130 21.1 15.4 23.2



#20
3+4-Methylphenols
Concen: 35.54 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion: 107 Resp: 278870
Ion Ratio Lower Upper
107 100
108 85.2 67.8 107.8
77 135.9 59.3 99.3#
79 25.7 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

Tot Ion:136 Resp: 460251

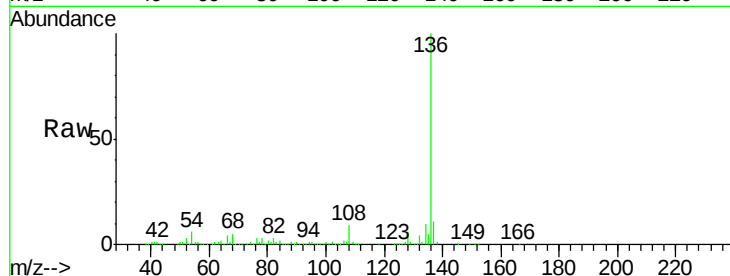
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 5.6 6.6 10.0#

68 4.9 5.1 7.7#

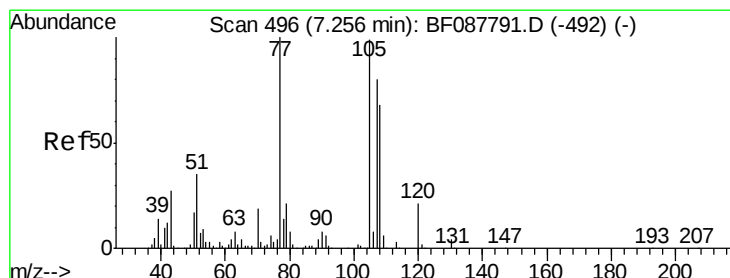
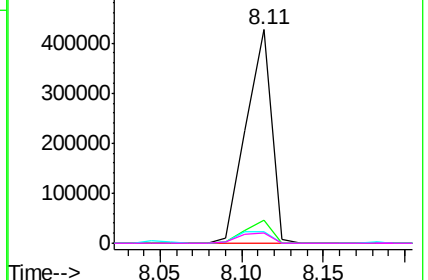
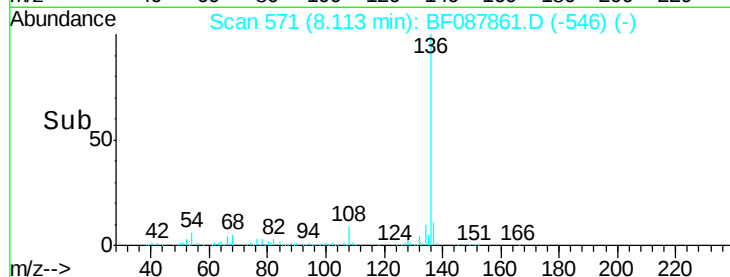


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.27 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Tgt Ion:105 Resp: 383338

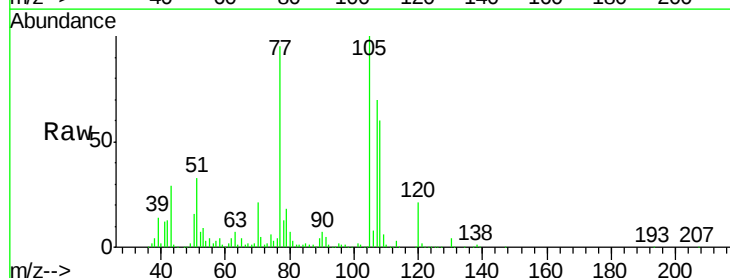
Ion Ratio Lower Upper

105 100

71 4.6 5.3 7.9#

51 33.4 18.2 27.4#

120 21.1 18.0 27.0

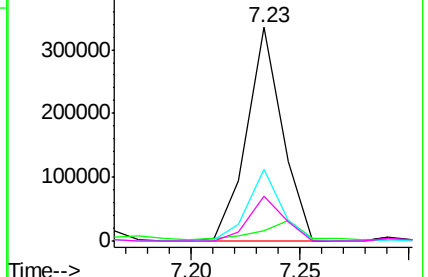
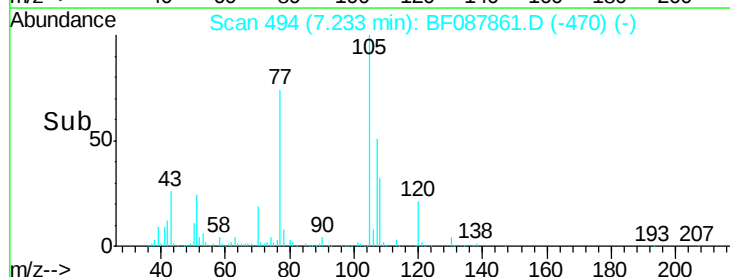


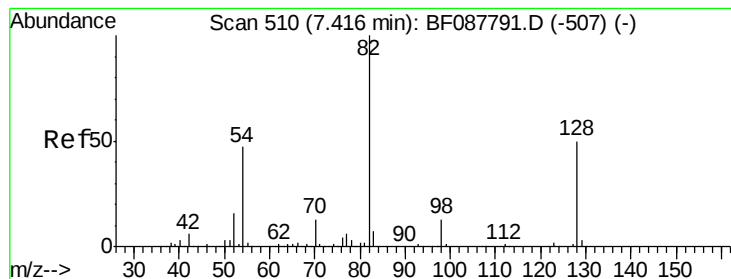
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.62 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

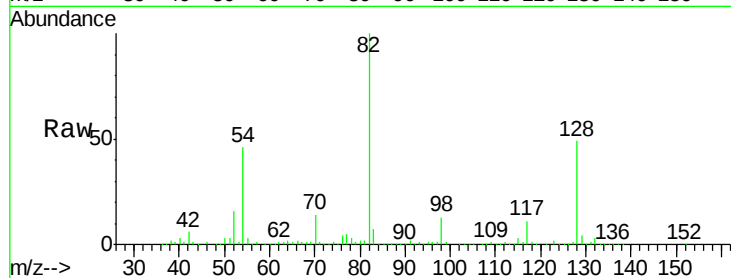
Tot Ion: 82 Resp: 603892

Ion Ratio Lower Upper

82 100

128 49.3 35.9 53.9

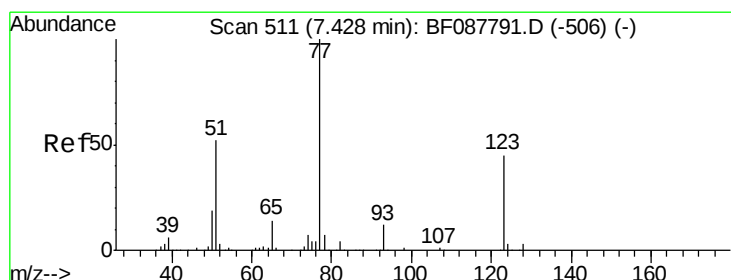
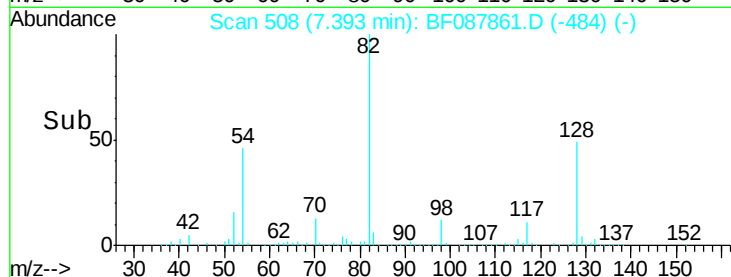
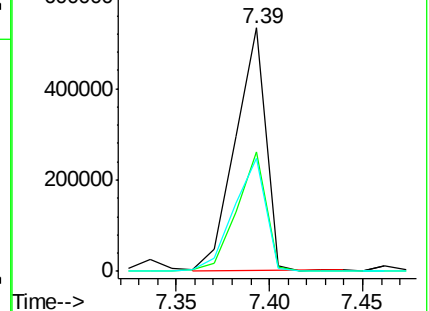
54 46.4 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.29 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

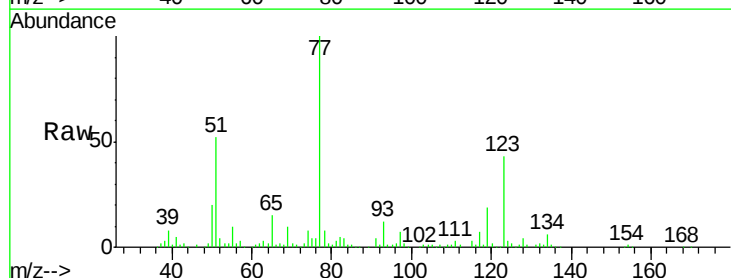
Tgt Ion: 77 Resp: 284696

Ion Ratio Lower Upper

77 100

123 43.2 45.0 67.4#

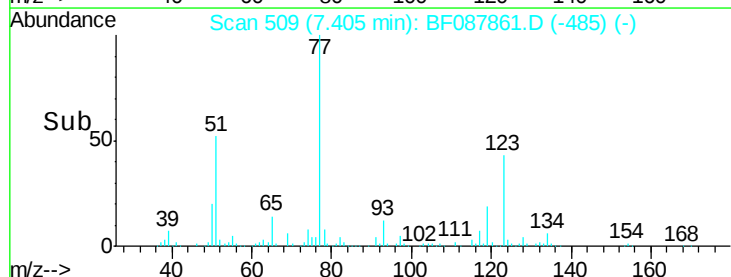
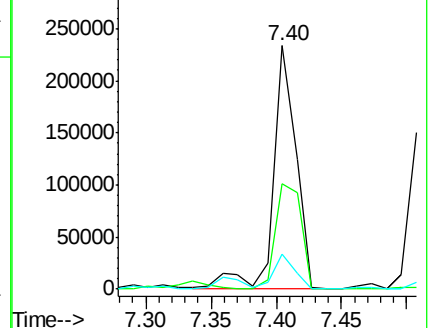
65 14.6 10.2 15.2

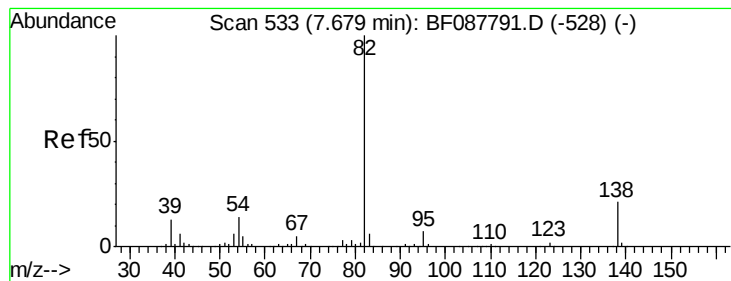


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.56 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

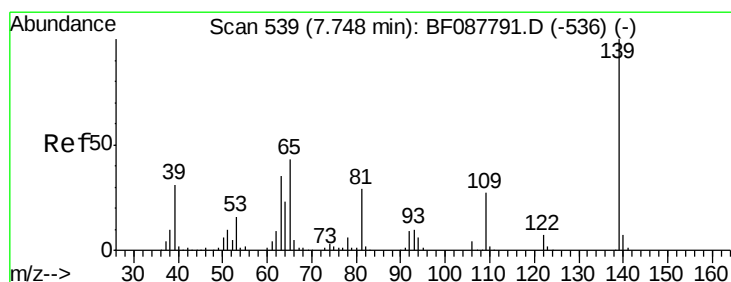
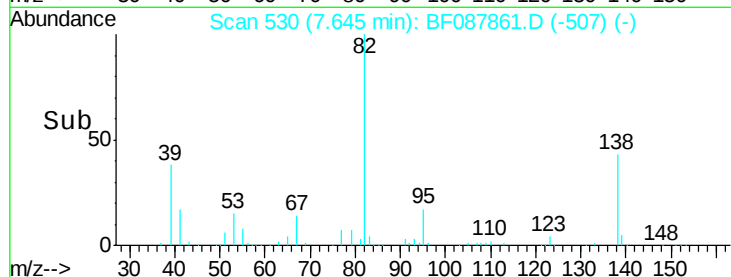
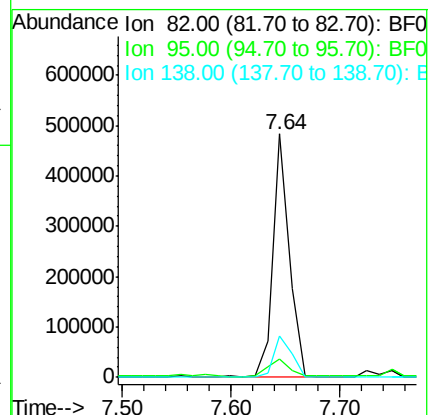
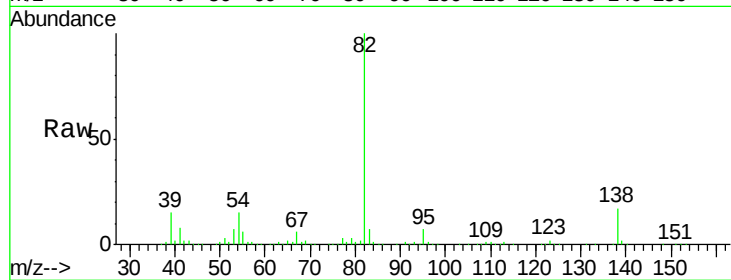
Tot Ion: 82 Resp: 504505

Ion Ratio Lower Upper

82 100

95 7.4 5.4 8.2

138 16.7 14.6 21.8



#26

2-Nitrophenol

Concen: 16.41 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

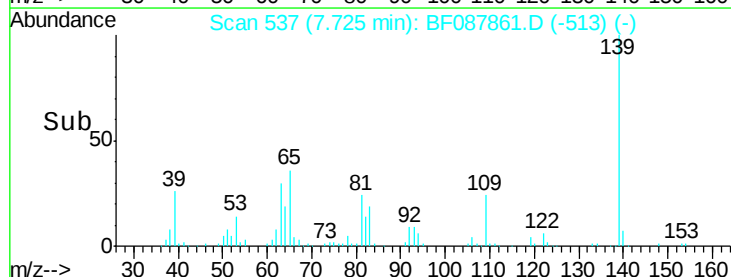
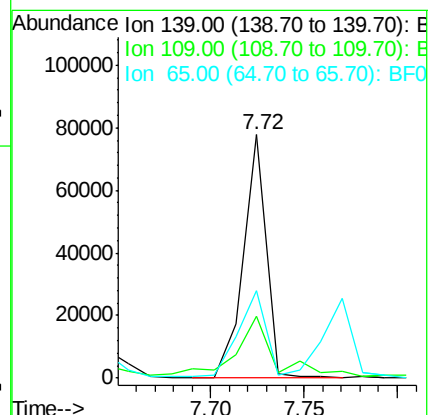
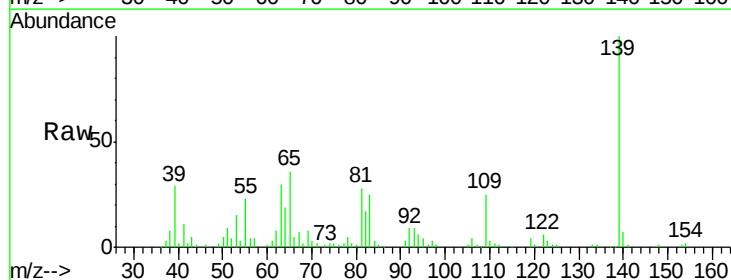
Tgt Ion: 139 Resp: 67103

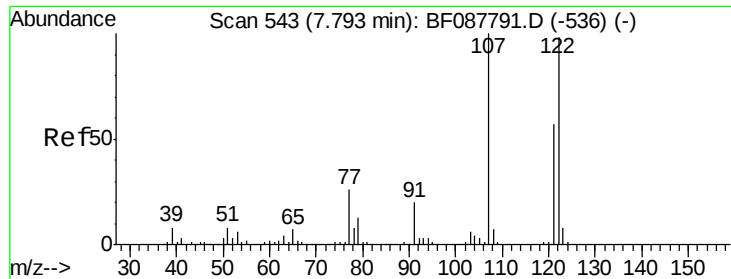
Ion Ratio Lower Upper

139 100

109 25.4 23.0 34.4

65 36.1 45.8 68.8#

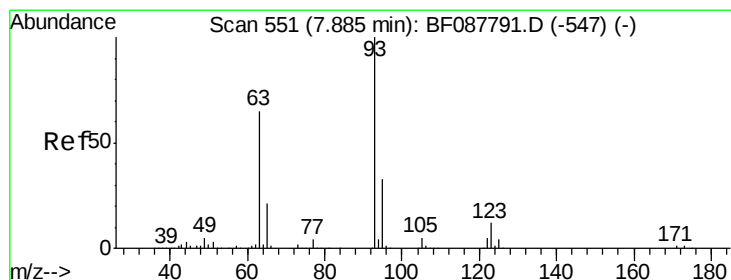
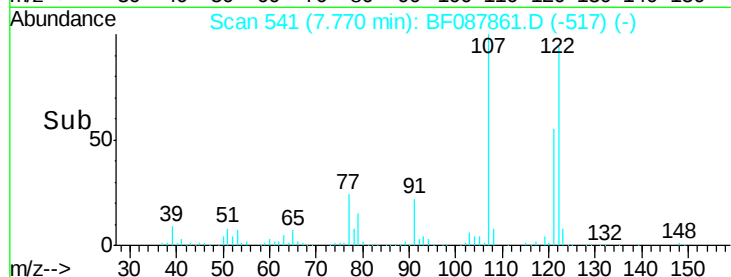
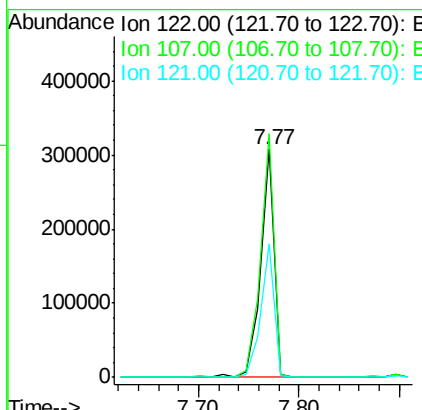
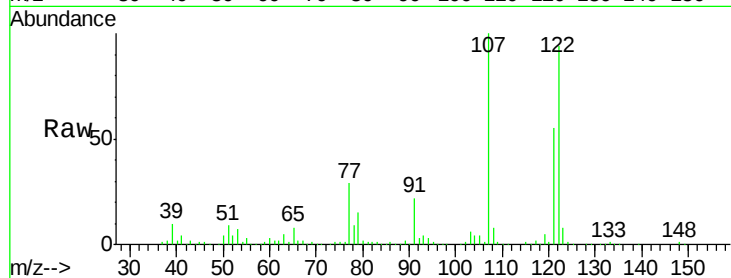




#27
2,4-Dimethylphenol
Concen: 38.30 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

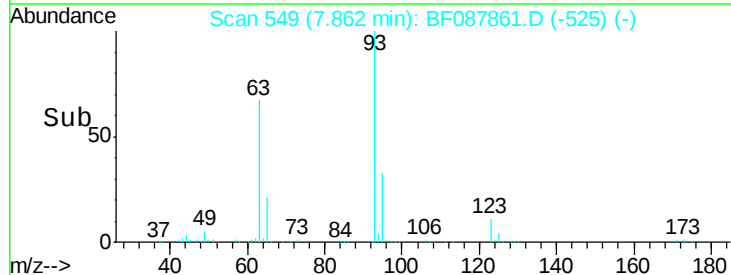
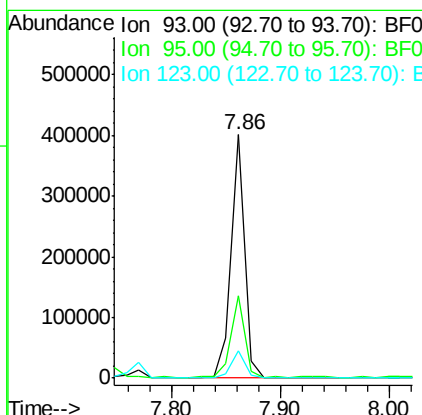
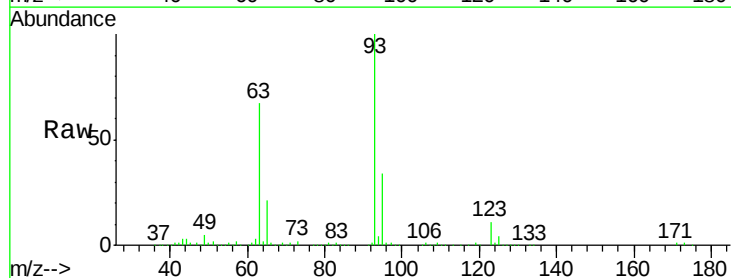
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

Tot Ion:122 Resp: 288389
Ion Ratio Lower Upper
122 100
107 106.8 82.4 123.6
121 58.9 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 38.07 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion: 93 Resp: 344679
Ion Ratio Lower Upper
93 100
95 33.6 26.5 39.7
123 11.2 11.6 17.4#

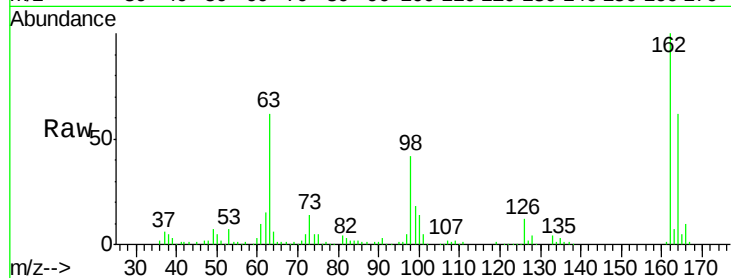




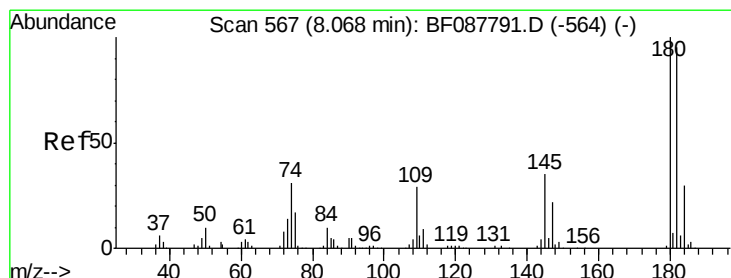
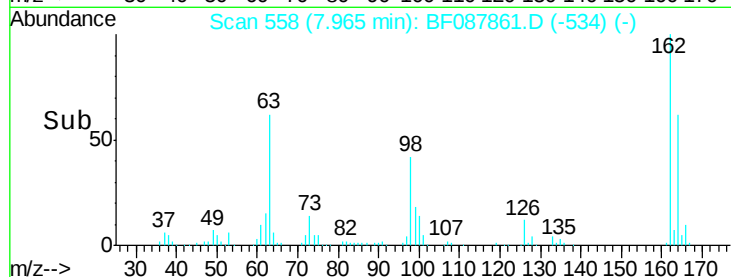
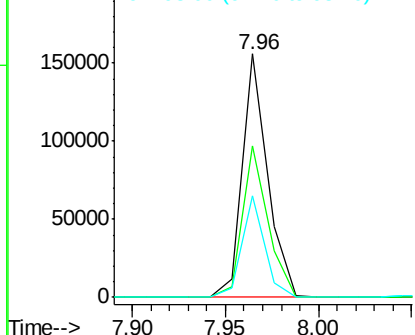
#29
 2,4-Dichlorophenol
 Concen: 23.46 ng
 RT: 7.96 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

Tot Ion:162 Resp: 147488
 Ion Ratio Lower Upper
 162 100
 164 62.4 43.8 83.8
 98 41.9 21.3 61.3

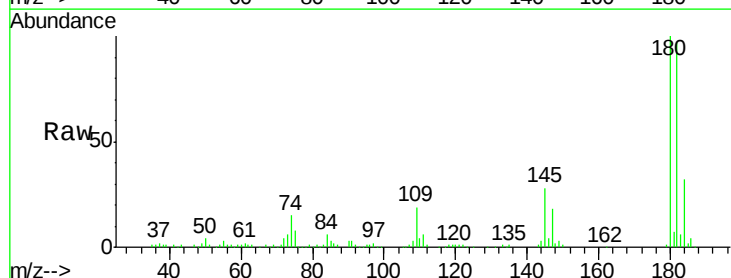


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

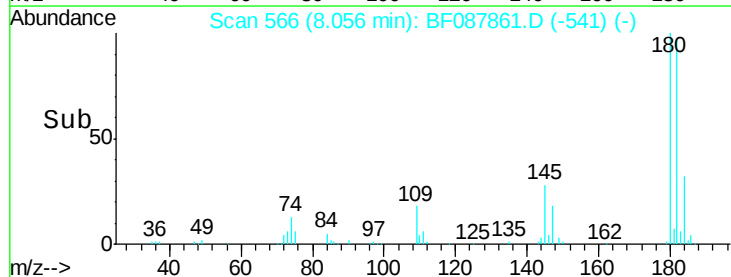
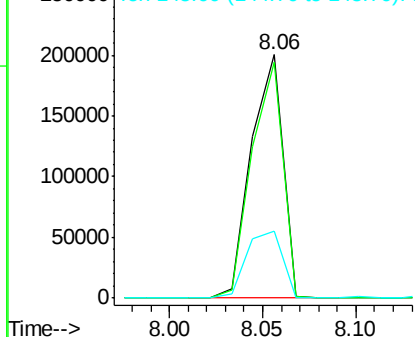


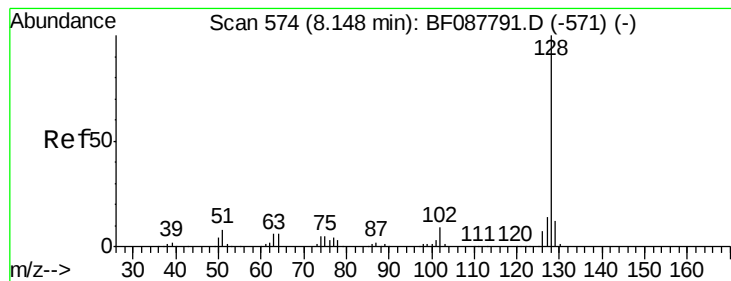
#30
 1,2,4-Trichlorobenzene
 Concen: 34.31 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

Tgt Ion:180 Resp: 234867
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.0 114.0
 145 27.8 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.78 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

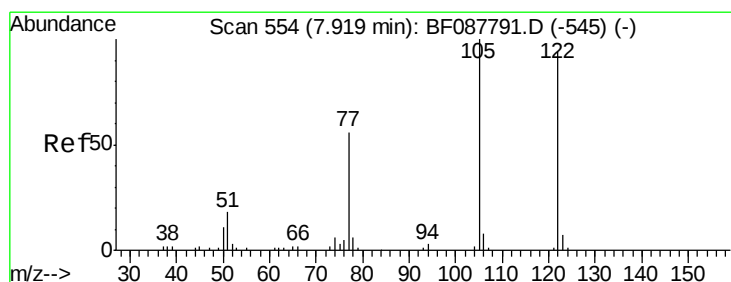
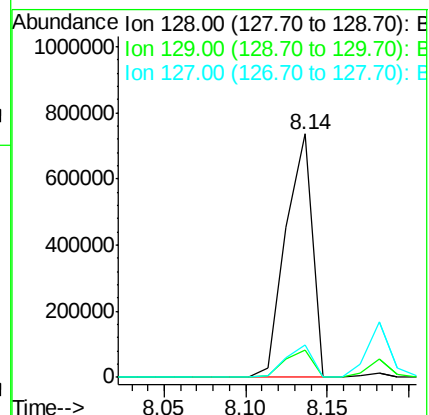
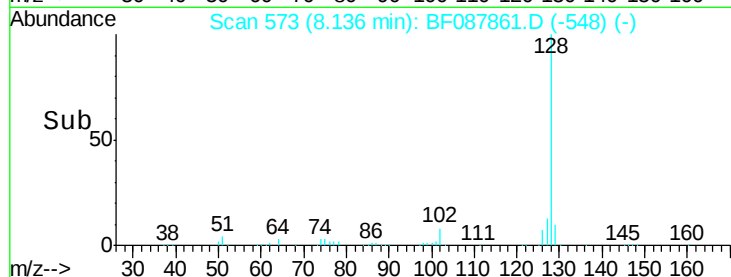
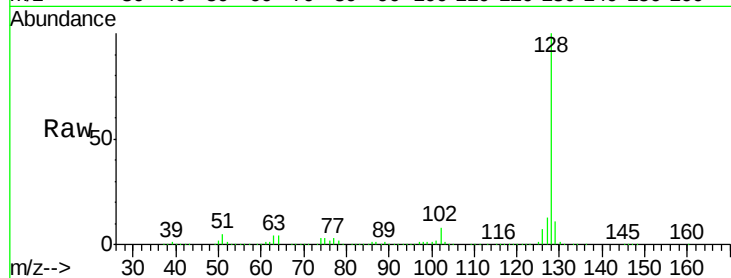
Tot Ion:128 Resp: 837601

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.2

127 13.3 10.9 16.3



#32

Benzoic acid

Concen: 69.55 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.15 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

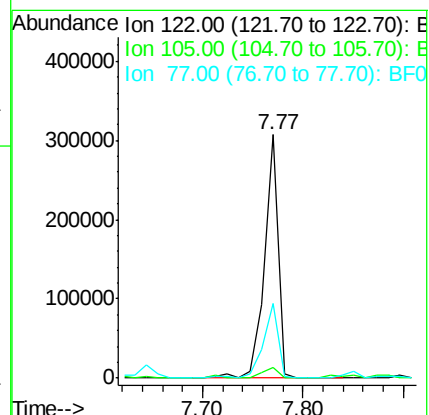
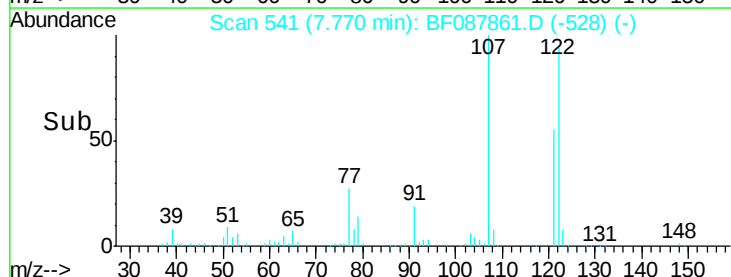
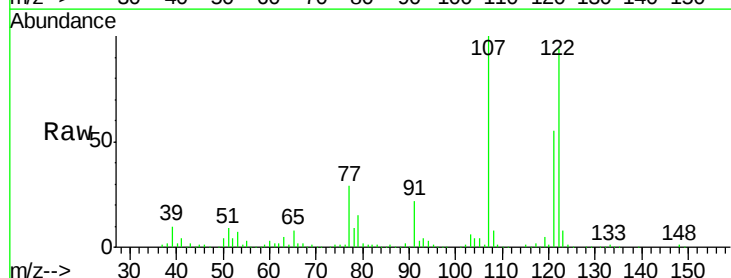
Tgt Ion:122 Resp: 288389

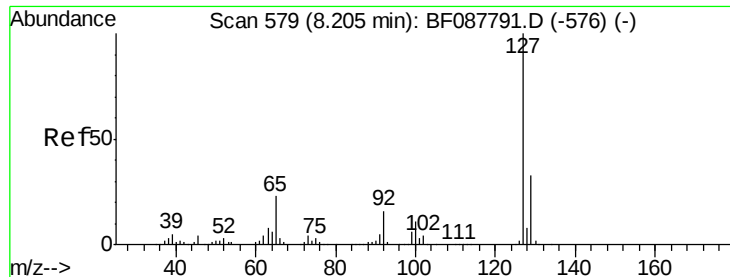
Ion Ratio Lower Upper

122 100

105 4.1 101.6 141.6#

77 30.6 70.6 110.6#

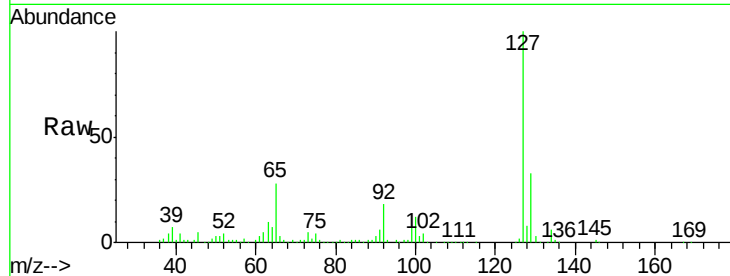




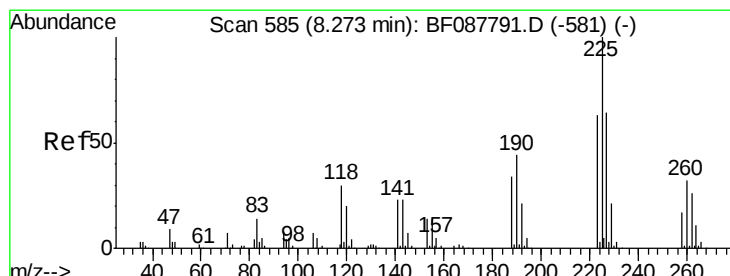
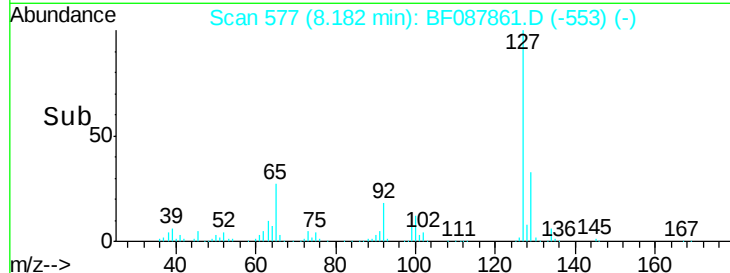
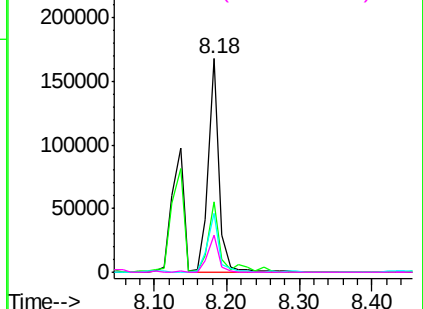
#33
4-Chloroaniline
Concen: 17.17 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

Tot Ion:	127	Resp:	174631
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	27.5	24.7	37.1
92	17.6	15.4	23.0

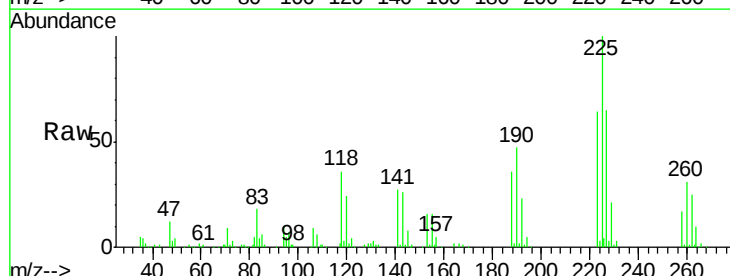


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

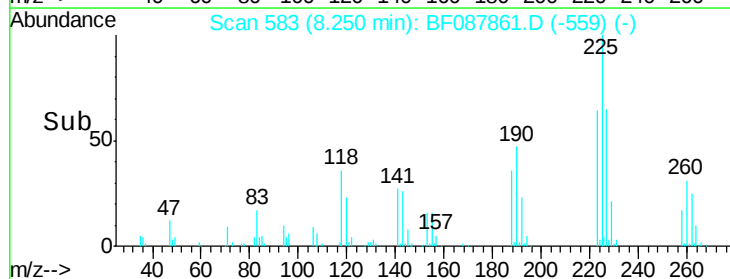
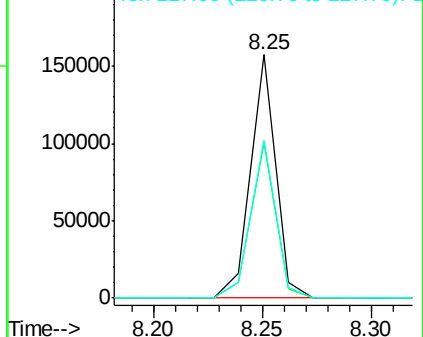


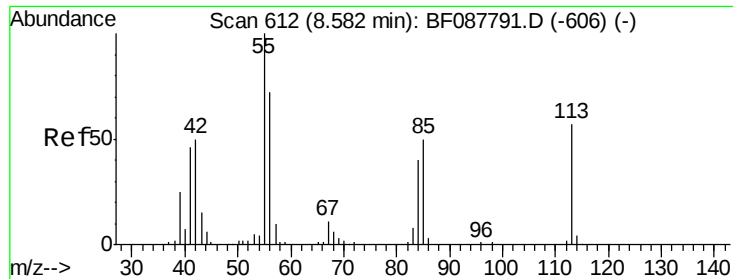
#34
Hexachlorobutadiene
Concen: 34.91 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion:	225	Resp:	126039
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.9	76.3
227	64.9	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

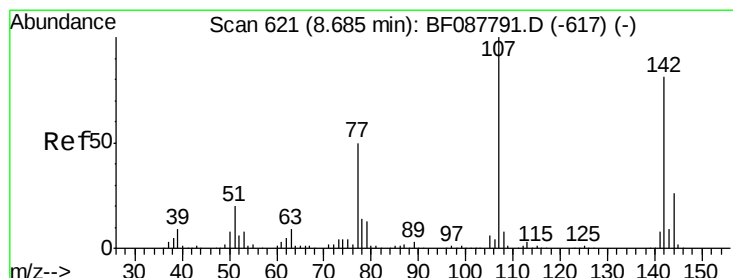
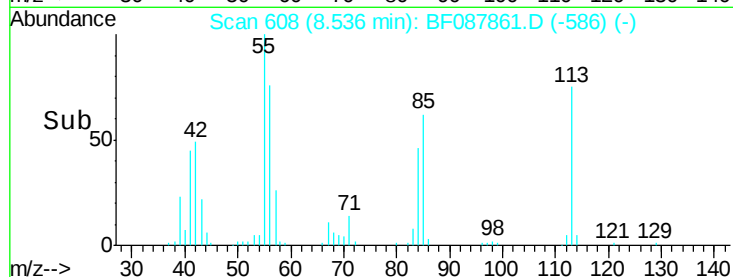
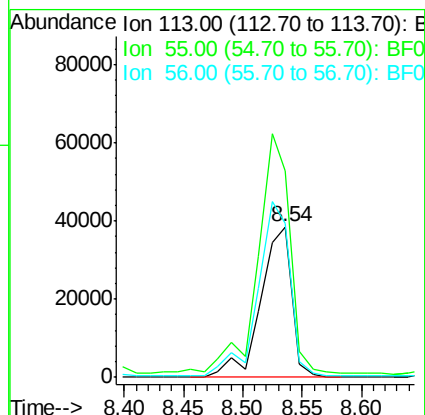
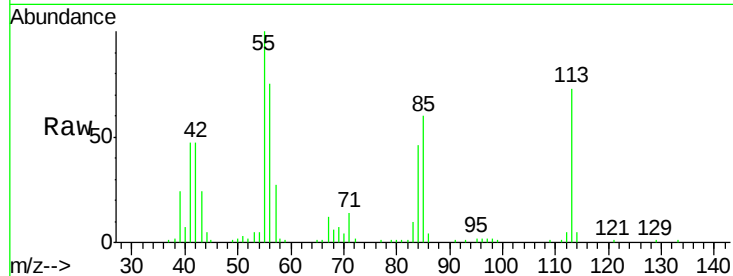




#35
 Caprolactam
 Concen: 33.79 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

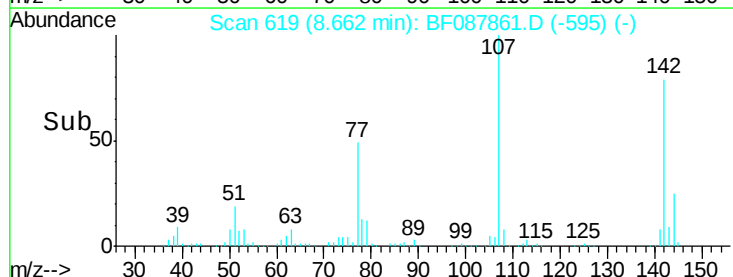
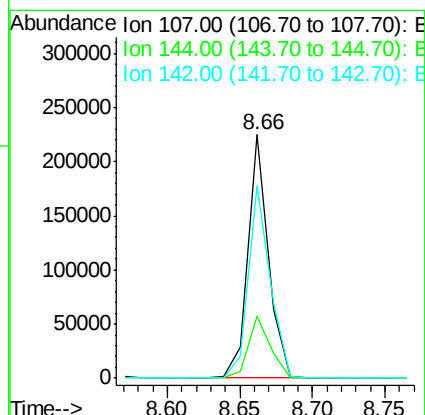
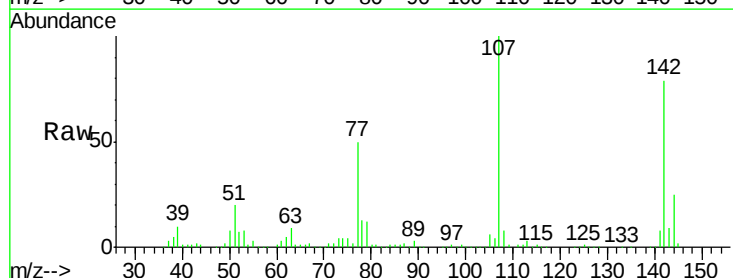
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

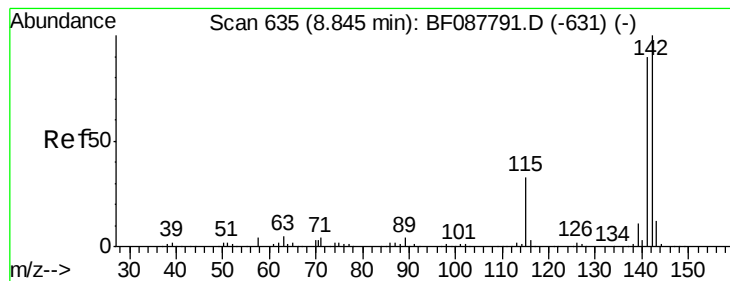
Tot Ion:113 Resp: 70375
 Ion Ratio Lower Upper
 113 100
 55 137.6 158.6 198.6#
 56 102.5 110.6 150.6#



#36
 4-Chloro-3-methylphenol
 Concen: 32.78 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

Tgt Ion:107 Resp: 220399
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.8 31.2
 142 79.0 63.4 95.2





#37

2-Methylnaphthalene

Concen: 42.35 ng

RT: 8.82 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

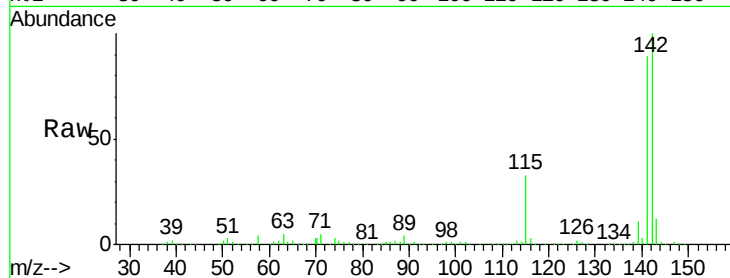
Tot Ion:142 Resp: 635824

Ion Ratio Lower Upper

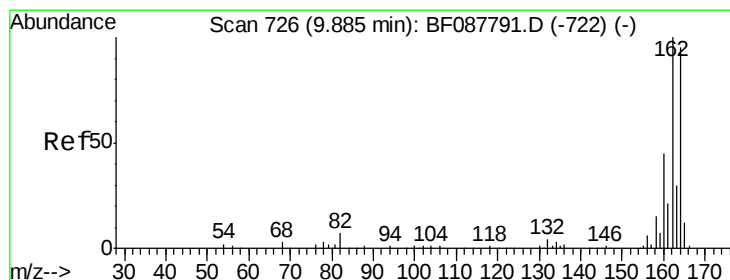
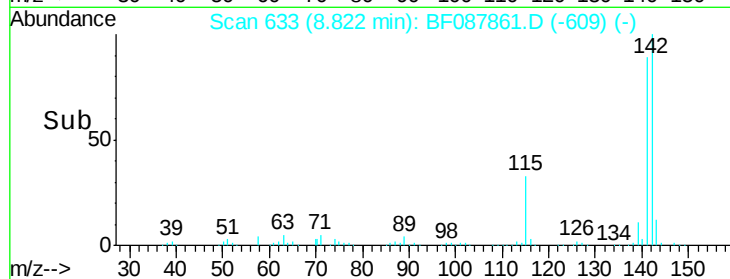
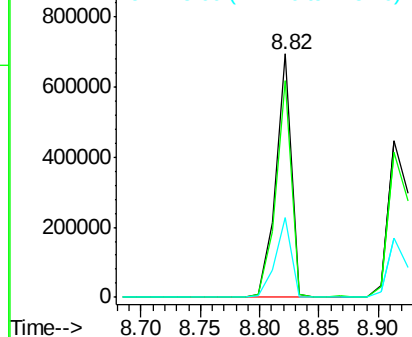
142 100

141 88.8 71.0 106.6

115 32.6 22.6 33.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

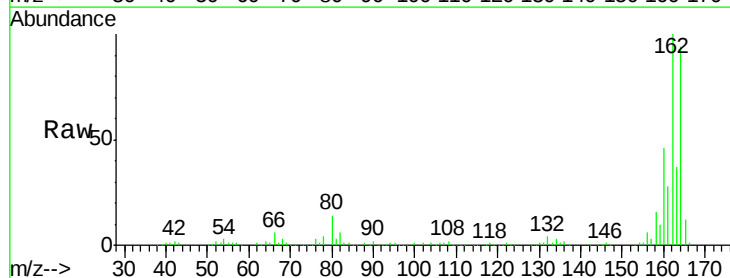
Tgt Ion:164 Resp: 197619

Ion Ratio Lower Upper

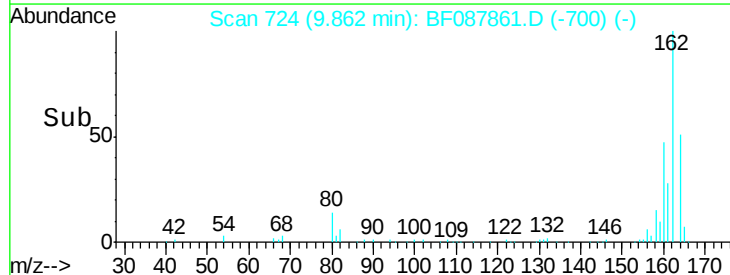
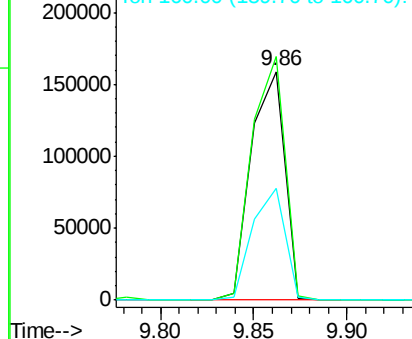
164 100

162 106.5 85.4 128.2

160 49.0 39.5 59.3



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: 36.44 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

Tot Ion:216 Resp: 199679

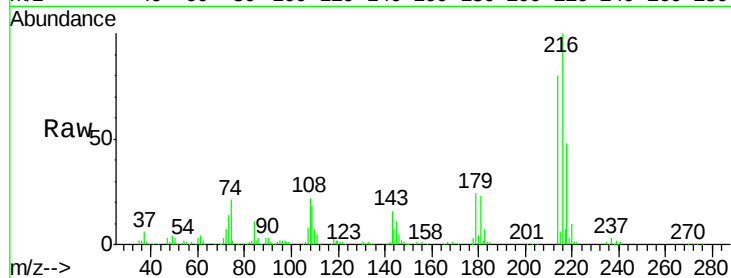
Ion Ratio Lower Upper

216 100

214 78.6 2.9 4.3#

179 22.6 0.0 0.0#

108 19.9 0.5 0.7#

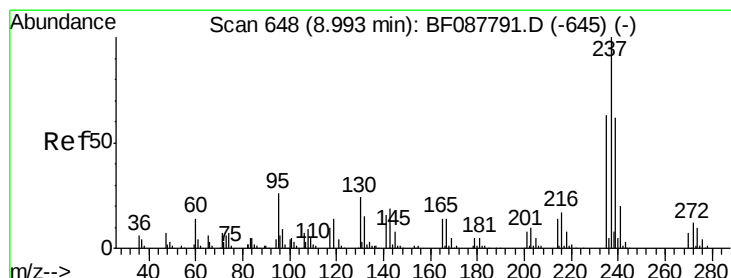
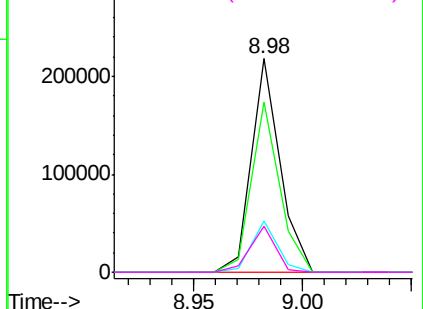
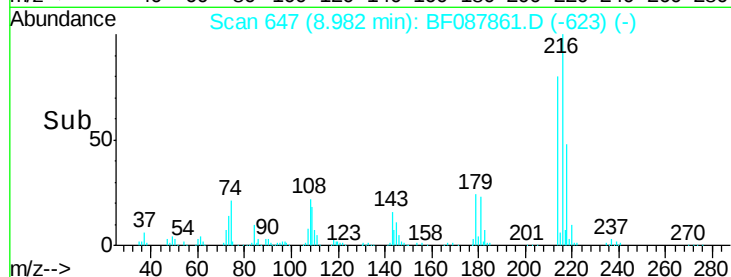


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 9.87 ng

RT: 8.97 min Scan# 646

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

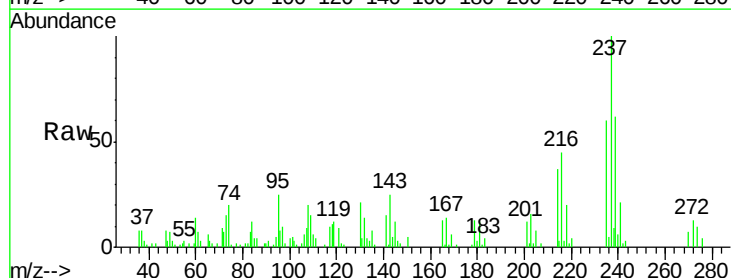
Tgt Ion:237 Resp: 31450

Ion Ratio Lower Upper

237 100

235 59.9 43.4 83.4

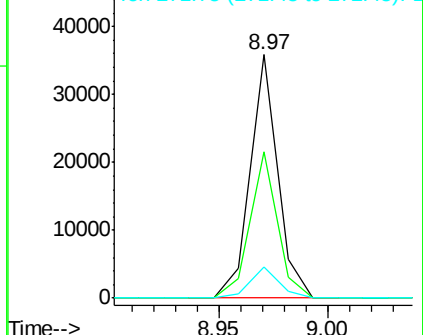
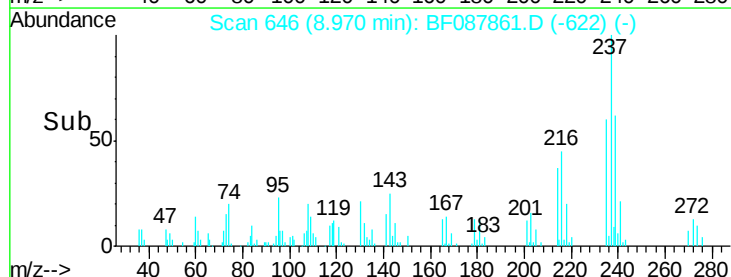
272 12.7 0.0 32.3

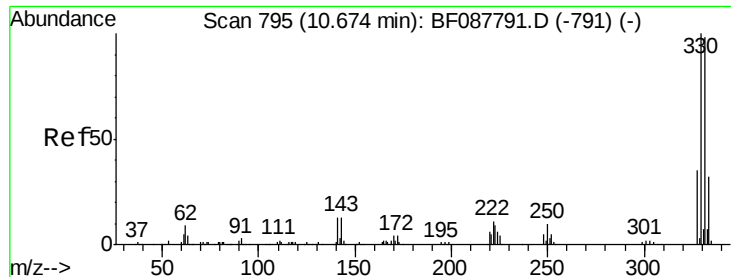


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

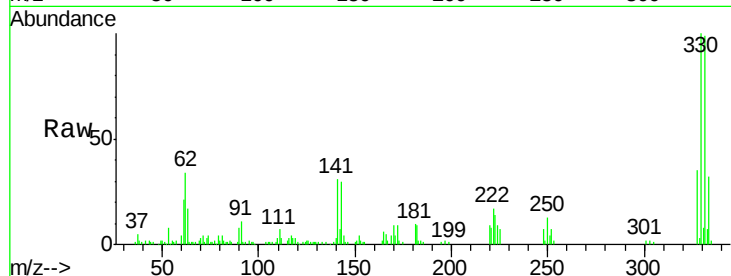




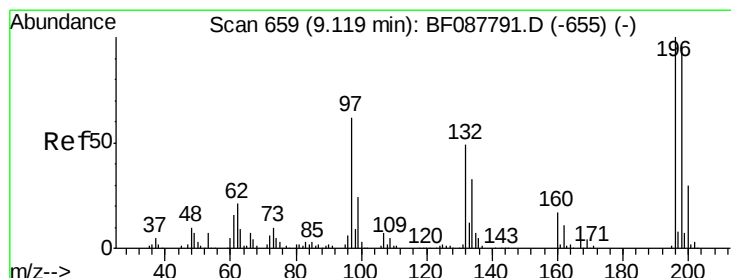
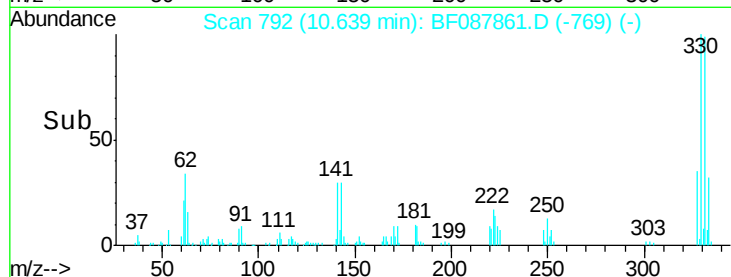
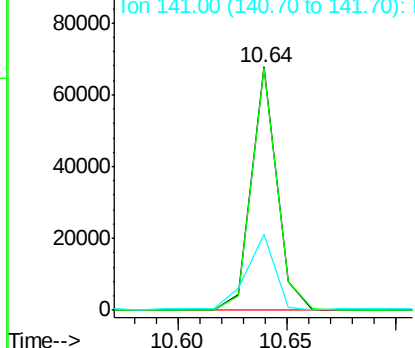
#41
 2,4,6-Tribromophenol
 Concen: 26.29 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

Tot Ion:330 Resp: 54856
 Ion Ratio Lower Upper
 330 100
 332 99.8 0.0 0.0#
 141 36.6 0.0 0.0#

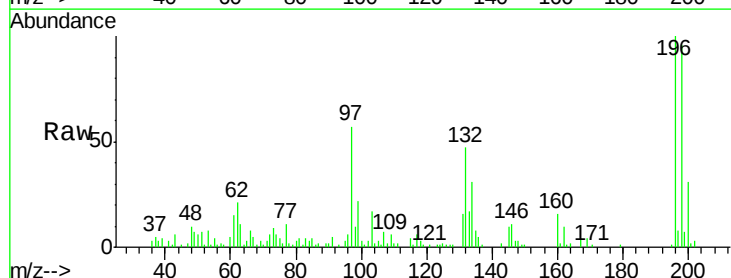


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

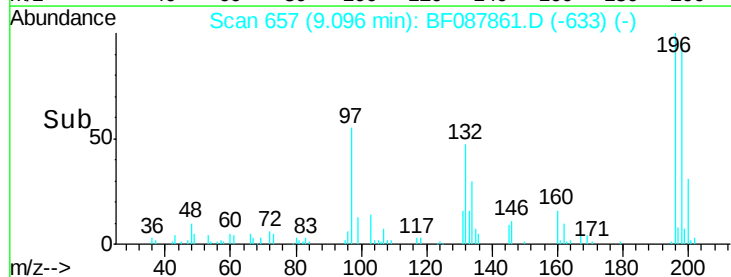
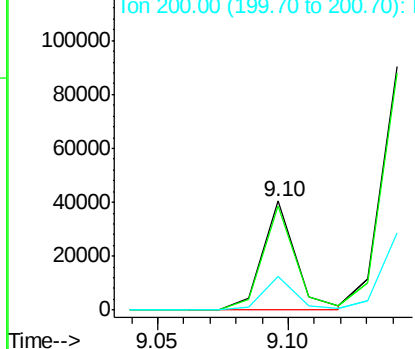


#42
 2,4,6-Trichlorophenol
 Concen: 8.89 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

Tgt Ion:196 Resp: 35140
 Ion Ratio Lower Upper
 196 100
 198 95.6 78.0 117.0
 200 31.1 25.4 38.2



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

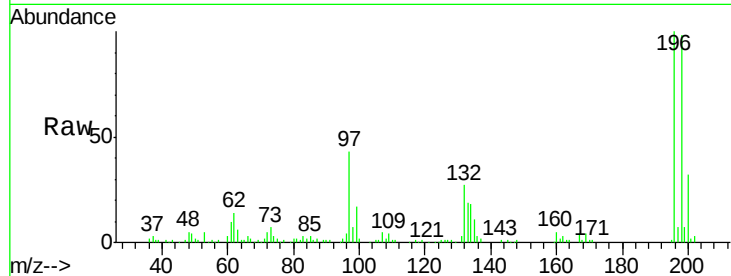




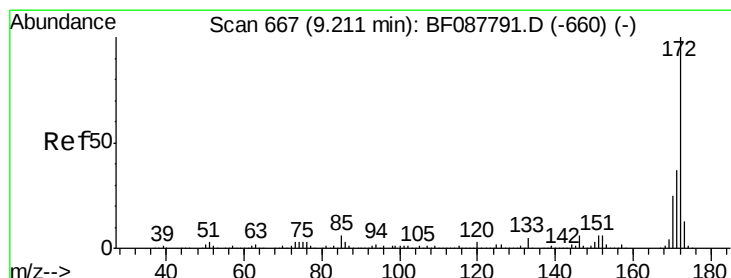
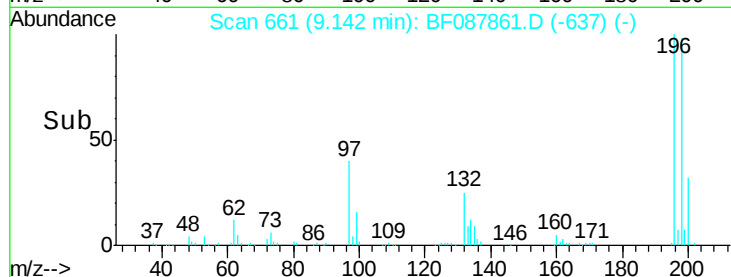
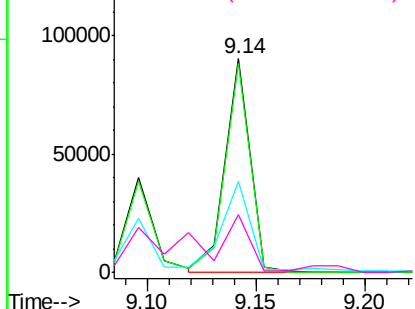
#43
 2,4,5-Trichlorophenol
 Concen: 17.35 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

Tot Ion:196 Resp: 71341
 Ion Ratio Lower Upper
 196 100
 198 97.6 77.5 116.3
 97 42.6 32.0 48.0
 132 26.9 20.9 31.3

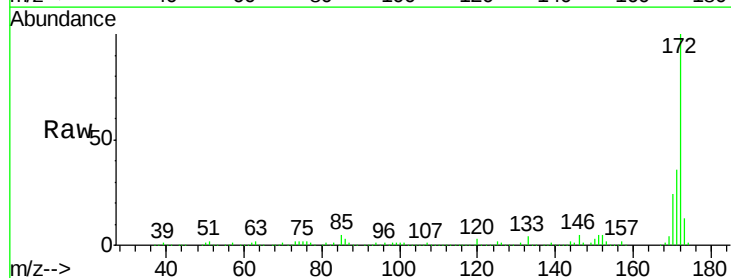


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

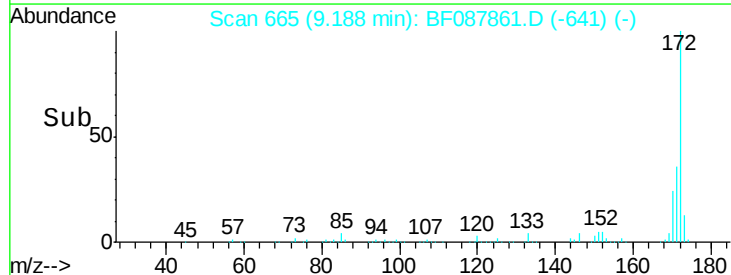
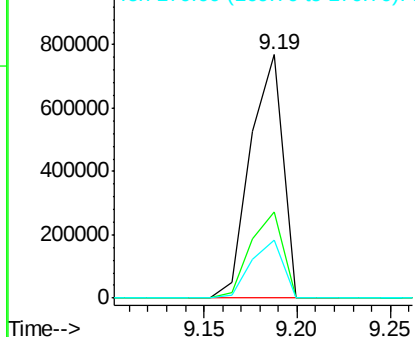


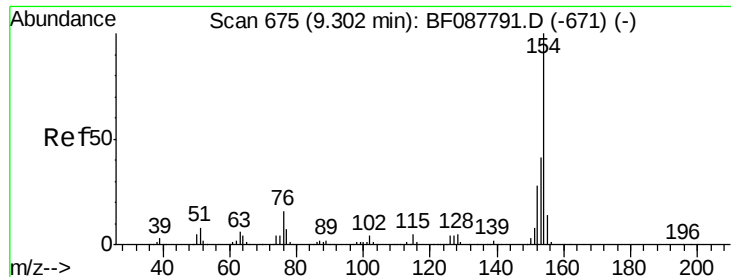
#44
 2-Fluorobiphenyl
 Concen: 72.53 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

Tgt Ion:172 Resp: 922599
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.8 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 36.61 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

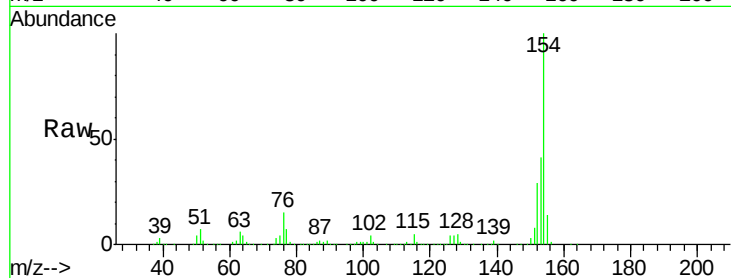
Tot Ion:154 Resp: 560148

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

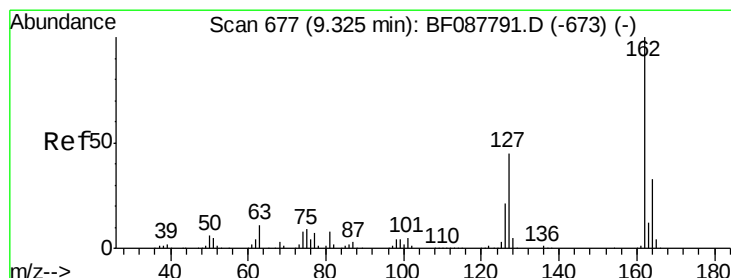
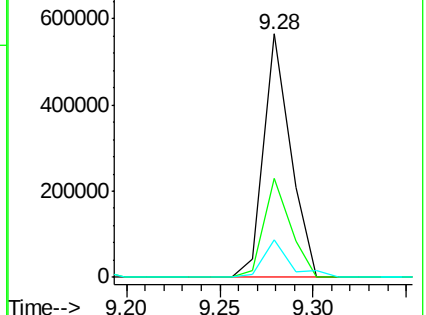
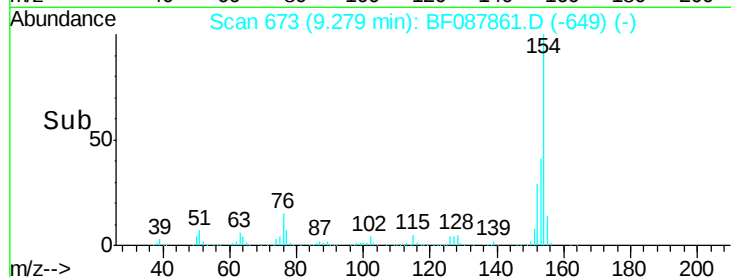
76 15.2 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.33 ng

RT: 9.30 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

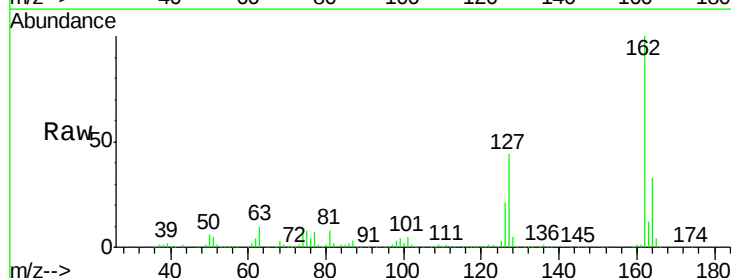
Tgt Ion:162 Resp: 438989

Ion Ratio Lower Upper

162 100

127 43.8 35.2 52.8

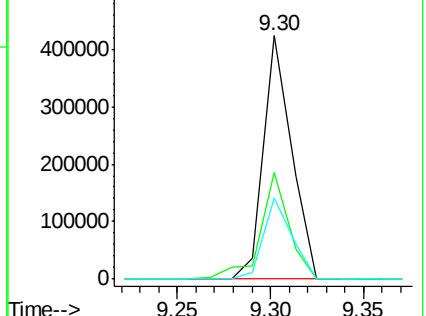
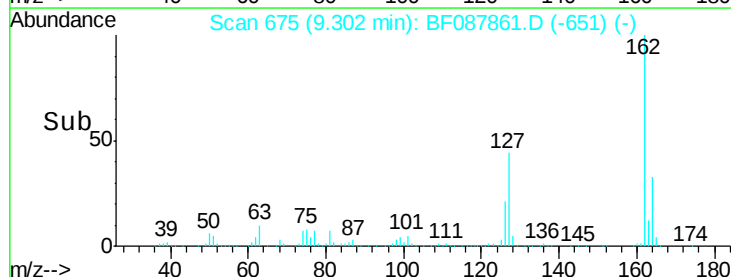
164 33.1 26.6 39.8

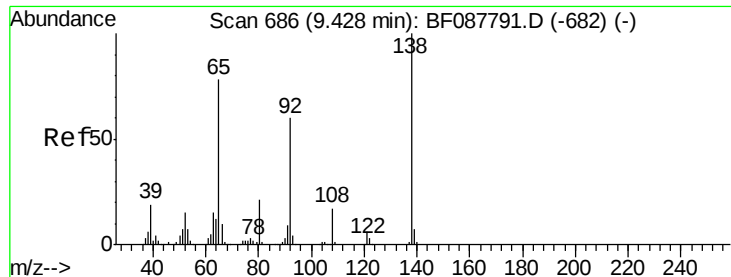


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

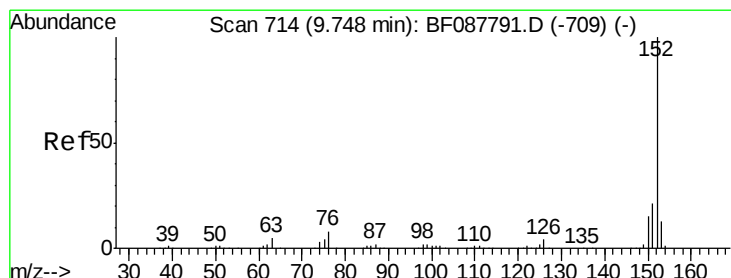
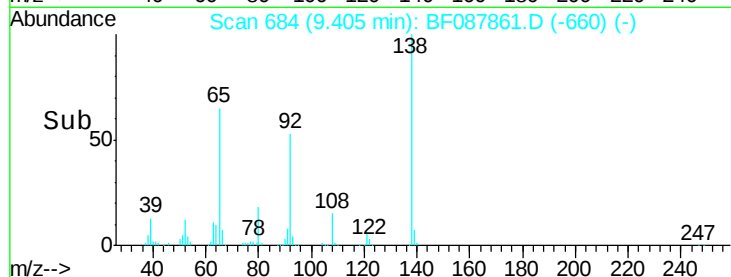
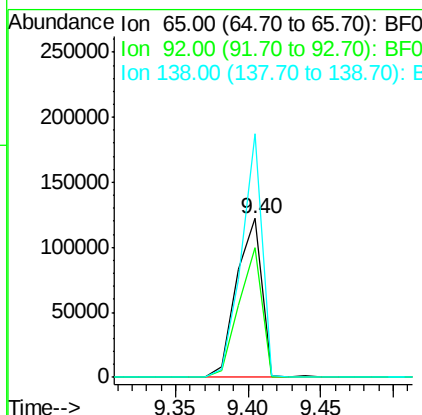
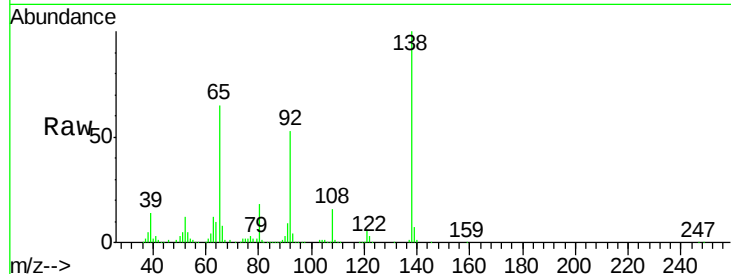




#47
2-Nitroaniline
Concen: 39.31 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

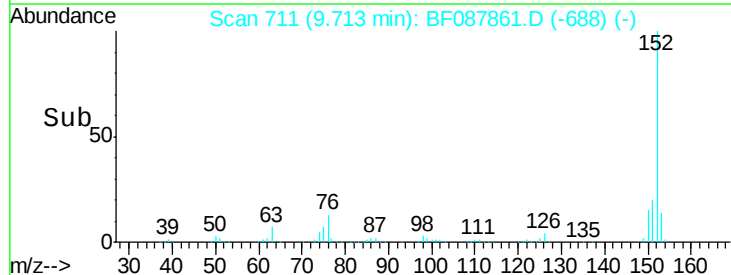
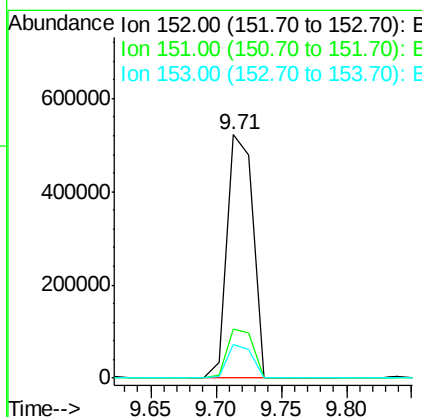
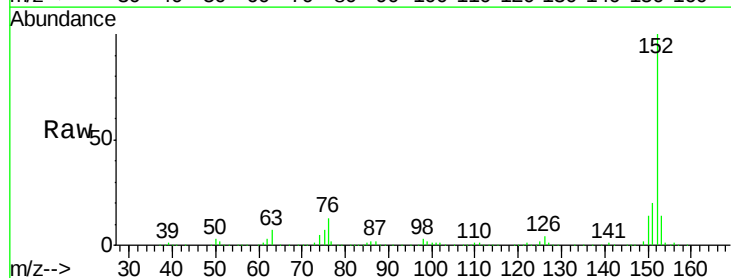
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

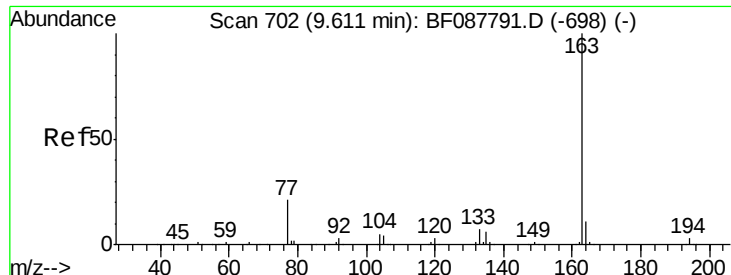
Tot Ion: 65 Resp: 148304
Ion Ratio Lower Upper
65 100
92 81.9 54.6 82.0
138 153.5 77.0 115.4#



#48
Acenaphthylene
Concen: 35.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion: 152 Resp: 711832
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 14.0 11.0 16.6

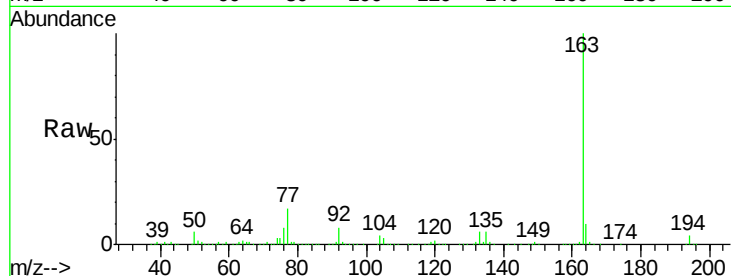




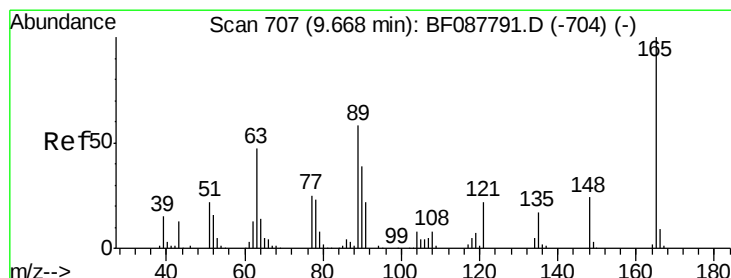
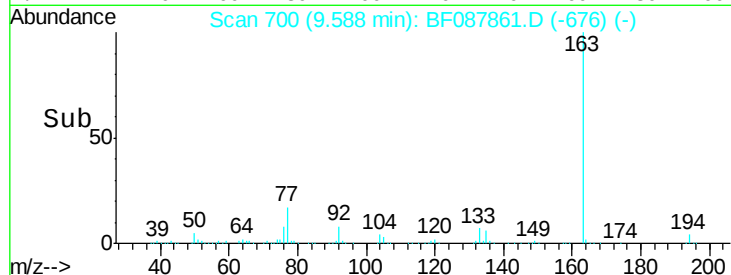
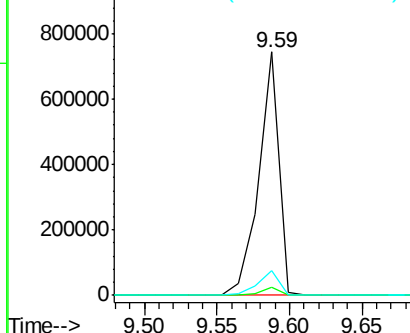
#49
Dimethylphthalate
Concen: 49.78 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

Tot Ion:163 Resp: 712582
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.2 8.3 12.5

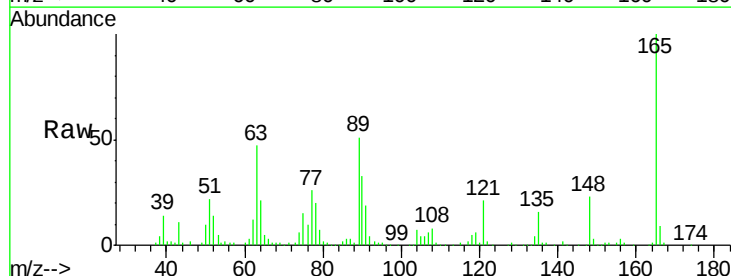


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

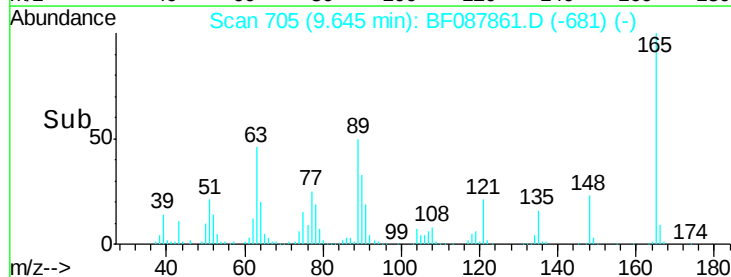
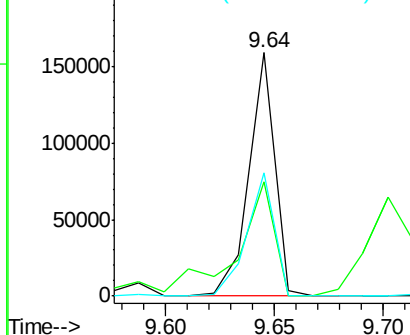


#50
2,6-Dinitrotoluene
Concen: 40.16 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion:165 Resp: 131673
Ion Ratio Lower Upper
165 100
63 46.9 28.1 42.1#
89 50.7 32.2 48.2#



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





#51

Acenaphthene

Concen: 38.92 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

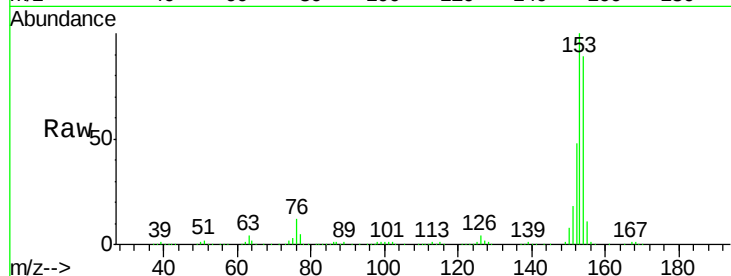
Tot Ion:154 Resp: 493842

Ion Ratio Lower Upper

154 100

153 112.8 89.5 134.3

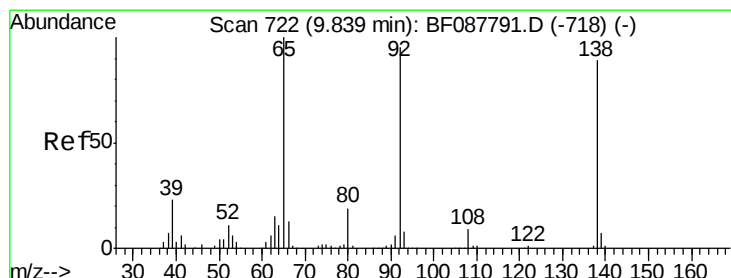
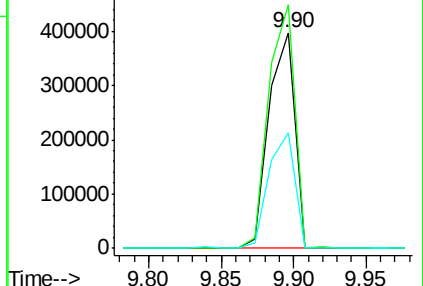
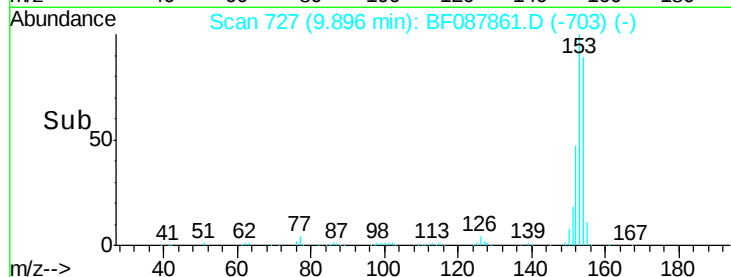
152 53.6 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.89 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

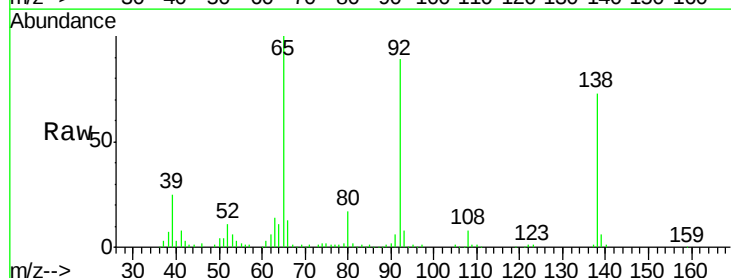
Tgt Ion:138 Resp: 109290

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

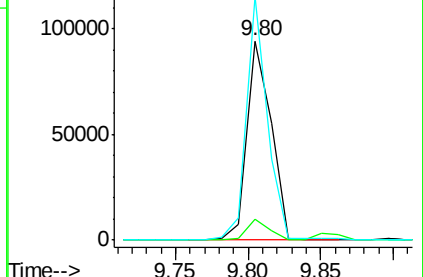
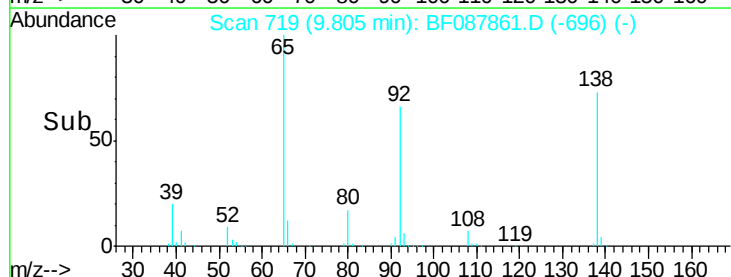
92 122.2 95.7 143.5

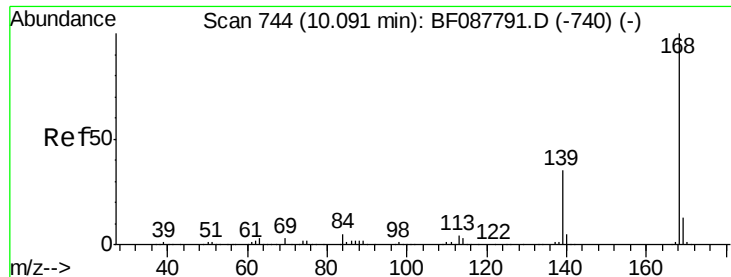


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

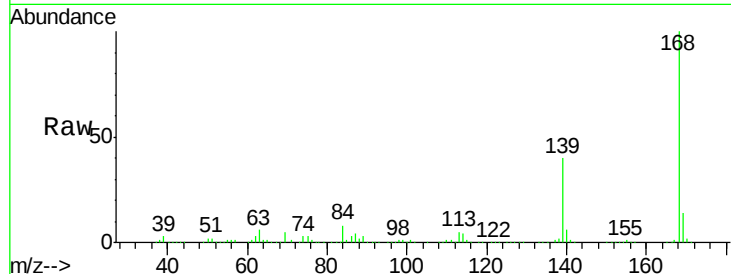




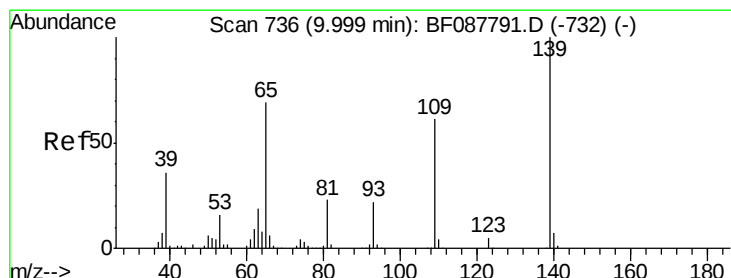
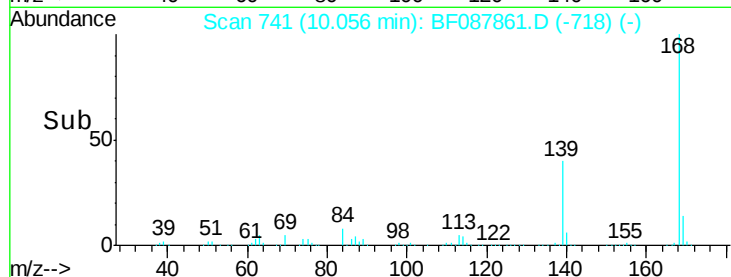
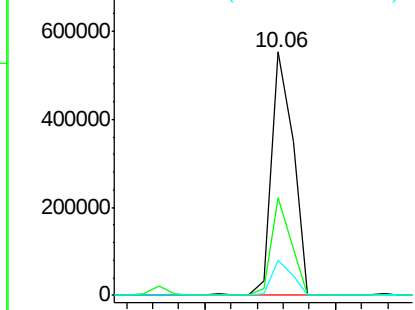
#54
Dibenzenofuran
Concen: 37.01 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

Tot Ion:168 Resp: 646792
Ion Ratio Lower Upper
168 100
139 40.0 26.4 39.6#
169 14.2 10.4 15.6

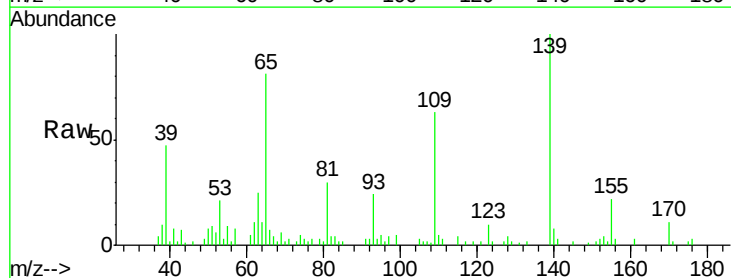


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

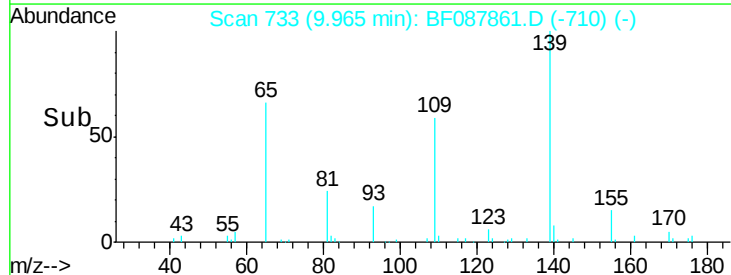
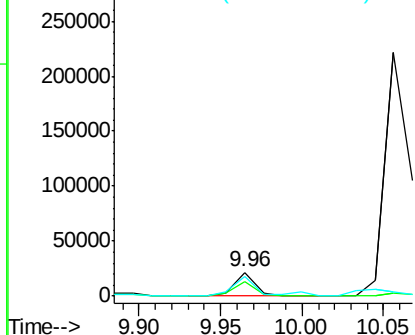


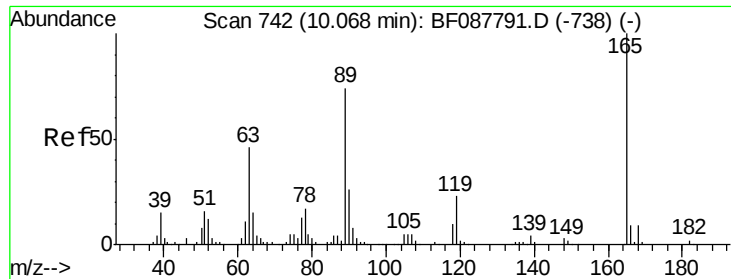
#55
4-Nitrophenol
Concen: 6.53 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion:139 Resp: 19160
Ion Ratio Lower Upper
139 100
109 62.6 48.9 88.9
65 81.2 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

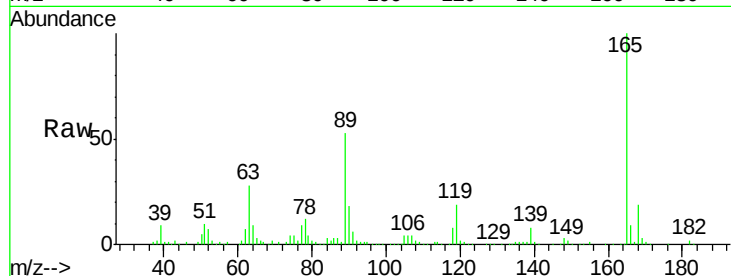




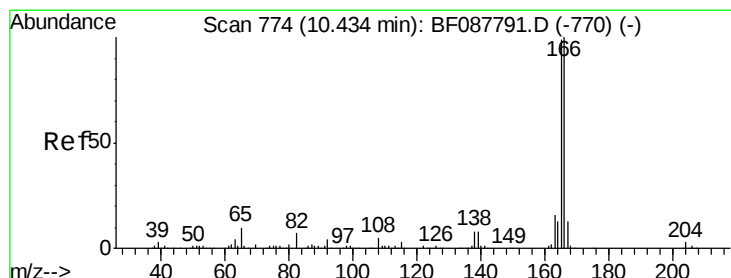
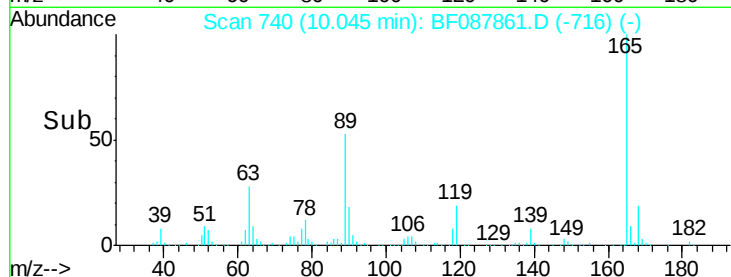
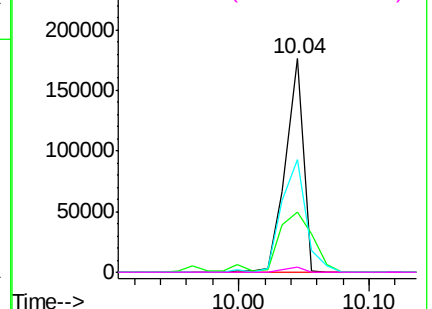
#56
2,4-Dinitrotoluene
Concen: 40.51 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

Tot Ion:165	Resp:	170665
Ion Ratio	Lower	Upper
165	100	
63	28.4	22.0 33.0
89	53.0	41.1 61.7
182	2.3	2.0 3.0

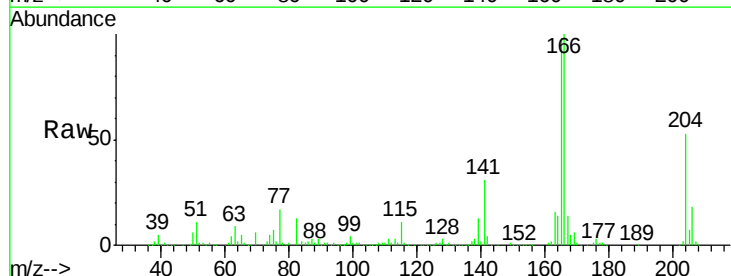


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

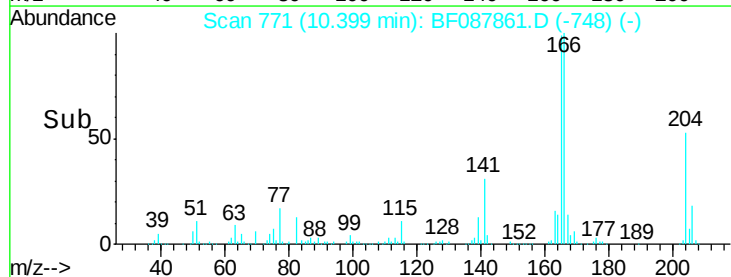
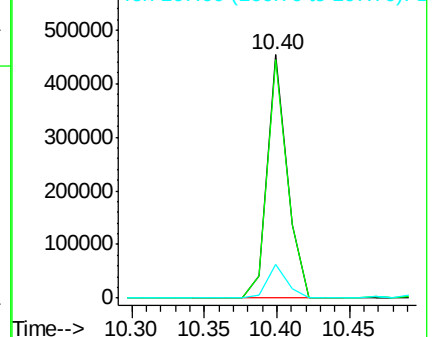


#57
Fluorene
Concen: 35.93 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.03 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion:166	Resp:	435764
Ion Ratio	Lower	Upper
166	100	
165	97.8	77.8 116.8
167	14.0	11.2 16.8



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

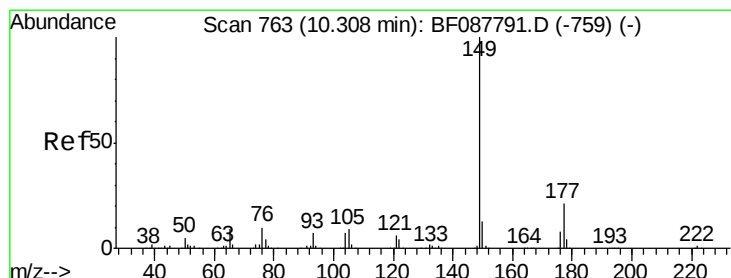
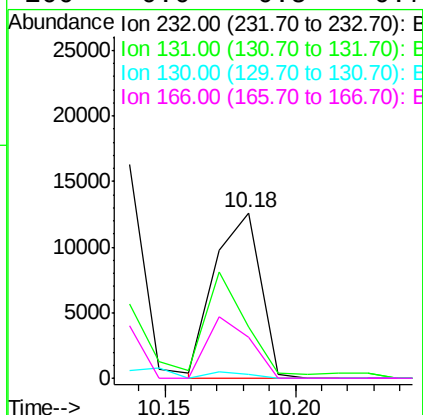
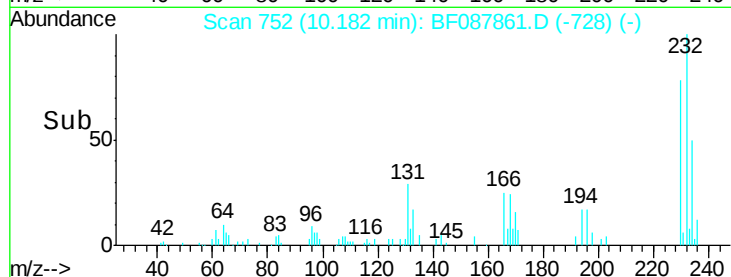
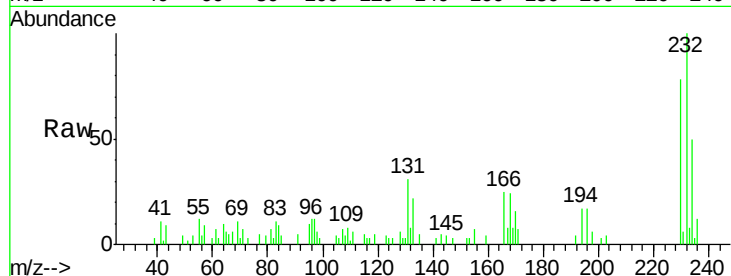




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.82 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

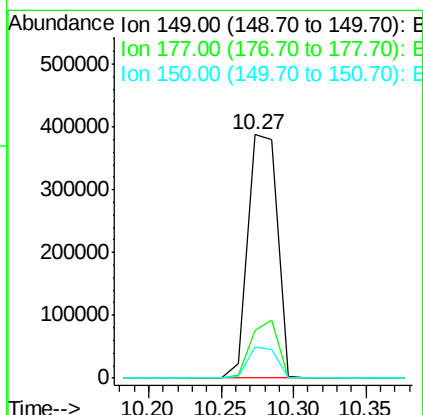
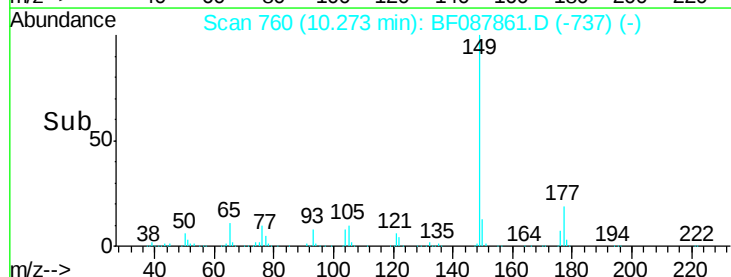
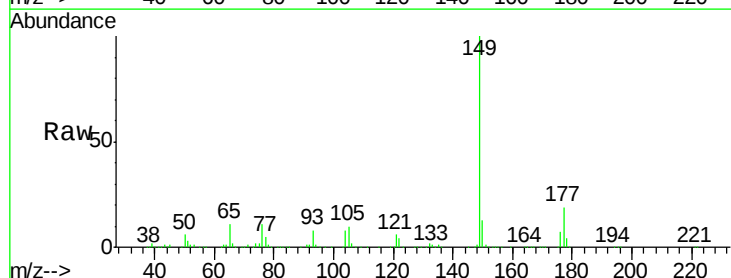
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

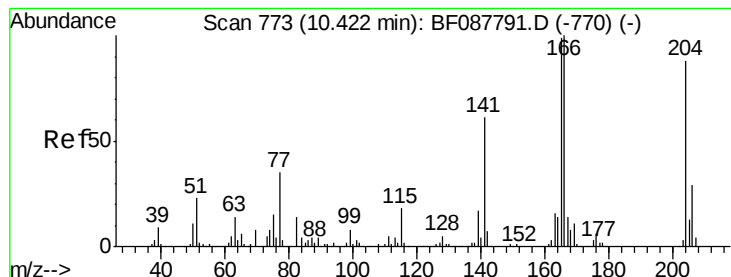
Tot Ion:232 Resp: 15563
 Ion Ratio Lower Upper
 232 100
 131 59.2 0.9 1.3#
 130 0.0 1.5 2.3#
 166 0.0 0.5 0.7#



#59
 Diethylphthalate
 Concen: 37.56 ng
 RT: 10.27 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

Tgt Ion:149 Resp: 544209
 Ion Ratio Lower Upper
 149 100
 177 19.4 16.9 25.3
 150 12.8 10.1 15.1

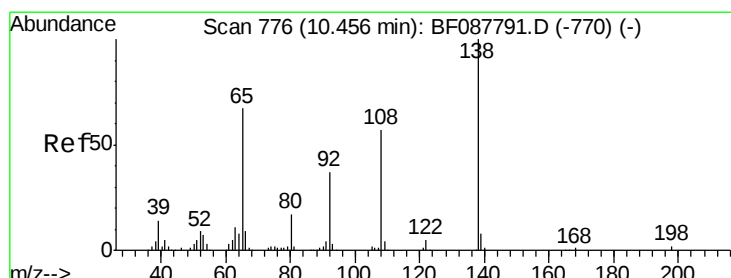
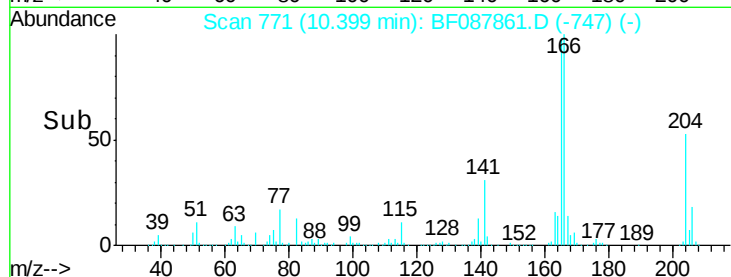
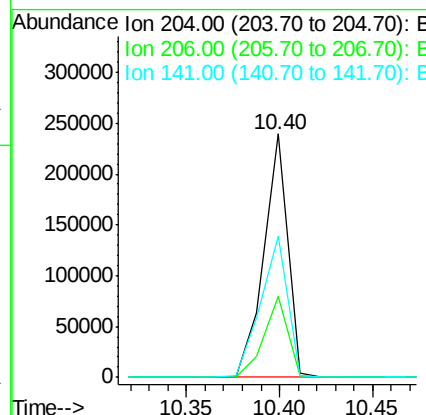
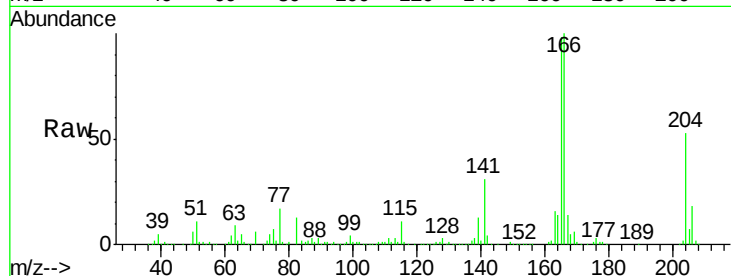




#60
 4-Chlorophenyl-phenylether
 Concen: 36.37 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

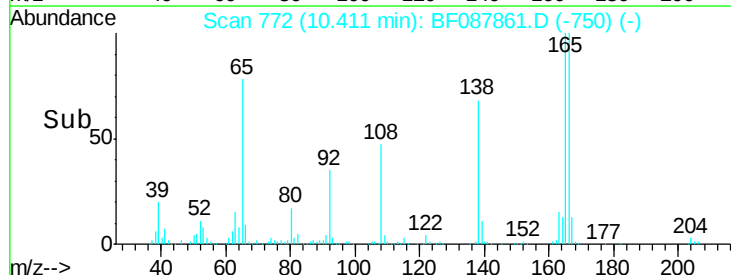
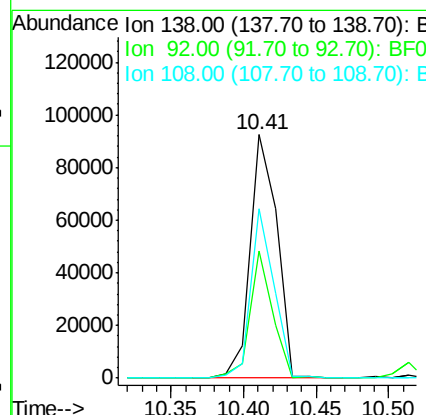
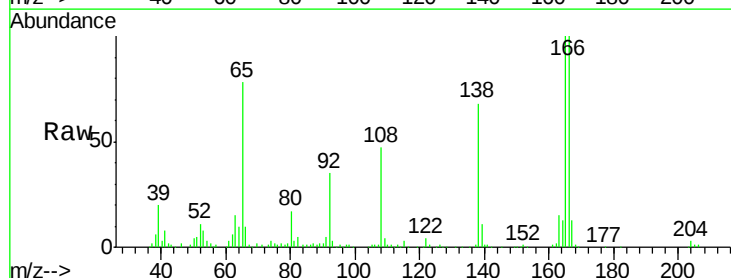
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

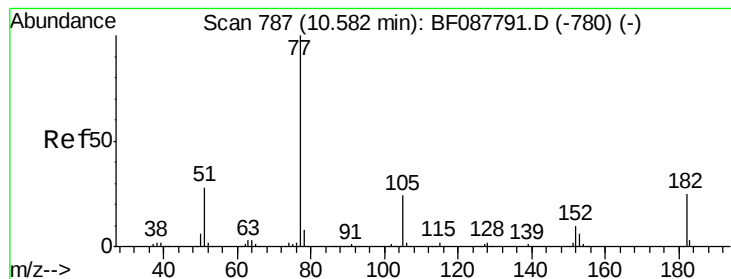
Tot Ion:204 Resp: 211363
 Ion Ratio Lower Upper
 204 100
 206 33.4 26.3 39.5
 141 58.2 55.0 82.6



#61
 4-Nitroaniline
 Concen: 32.92 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.05 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

Tgt Ion:138 Resp: 118137
 Ion Ratio Lower Upper
 138 100
 92 52.0 27.3 67.3
 108 69.4 46.7 86.7





#62

Azobenzene

Concen: 33.96 ng

RT: 10.55 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

Tot Ion: 77 Resp: 486566

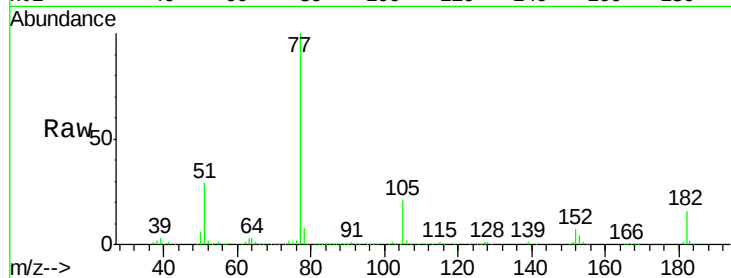
Ion Ratio Lower Upper

77 100

182 16.4 4.4 44.4

105 21.5 3.8 43.8

51 29.4 9.3 49.3

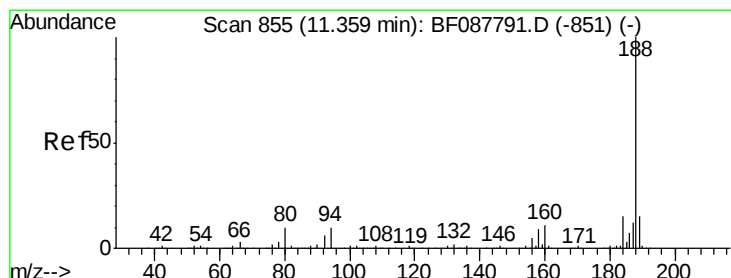
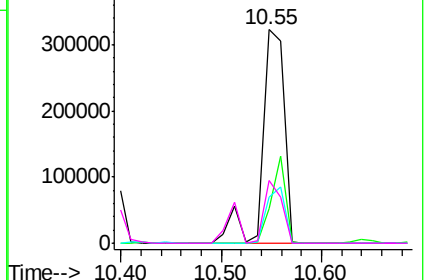
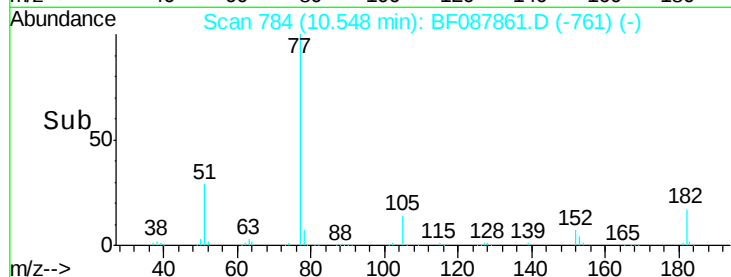


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

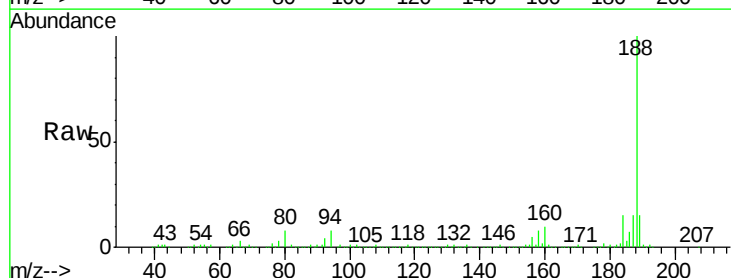
Tgt Ion: 188 Resp: 312944

Ion Ratio Lower Upper

188 100

94 8.1 9.0 13.6#

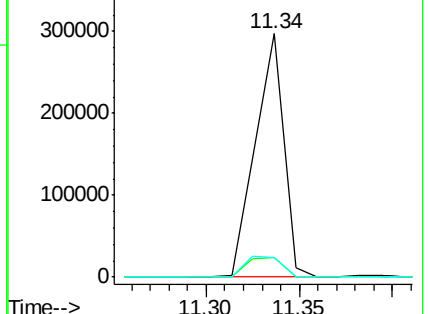
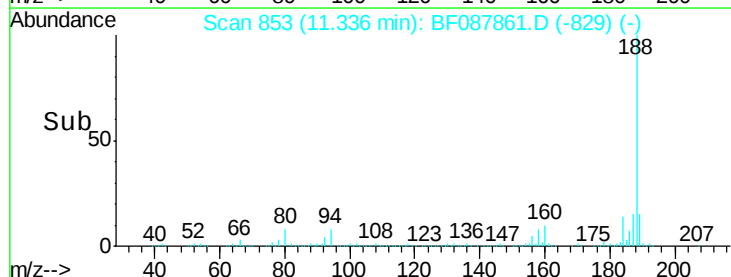
80 8.0 10.0 15.0#

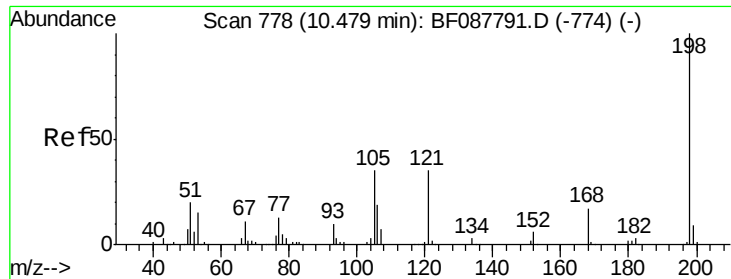


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

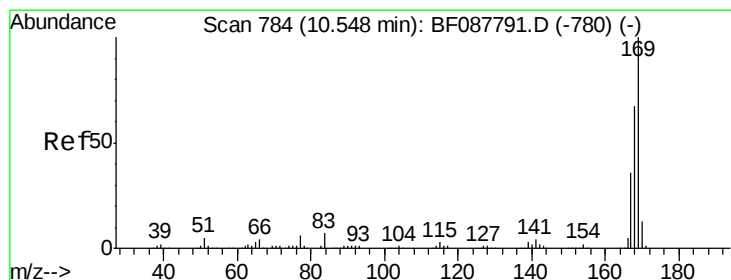
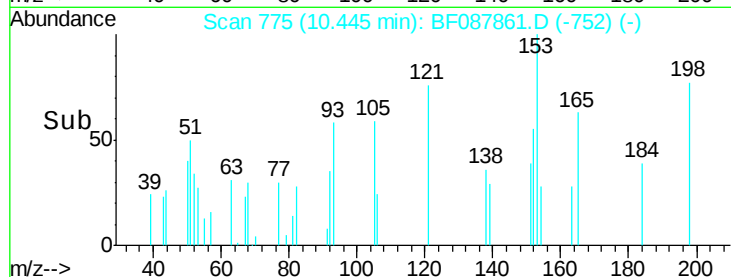
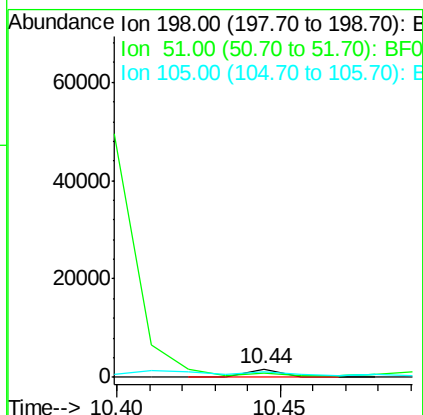
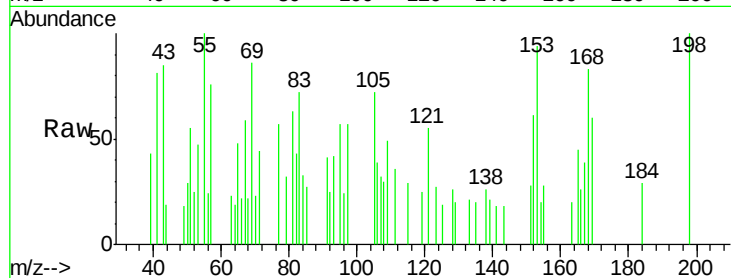




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.72 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.03 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

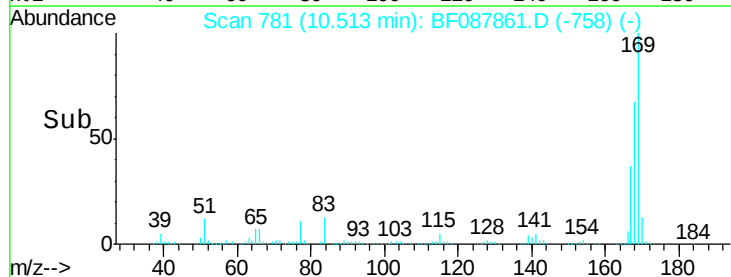
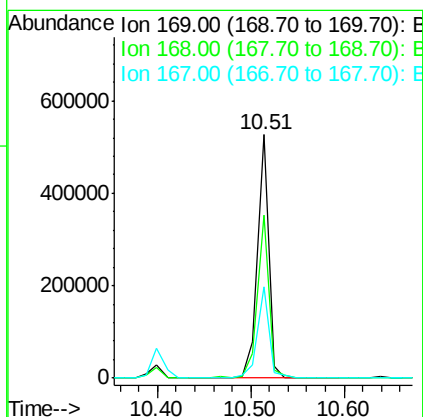
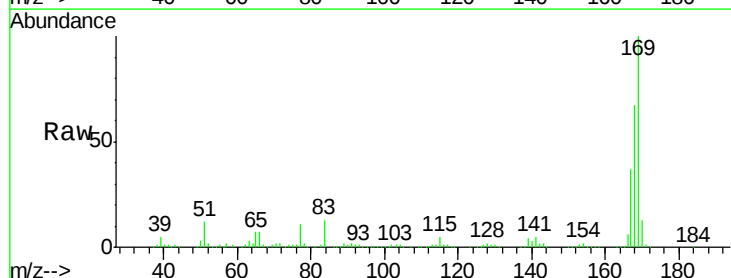
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

Tot Ion:198 Resp: 1135
 Ion Ratio Lower Upper
 198 100
 51 55.1 39.6 79.6
 105 72.7 36.6 76.6



#65
 n-Nitrosodiphenylamine
 Concen: 42.65 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

Tgt Ion:169 Resp: 442881
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.4 80.0
 167 37.3 29.4 44.0

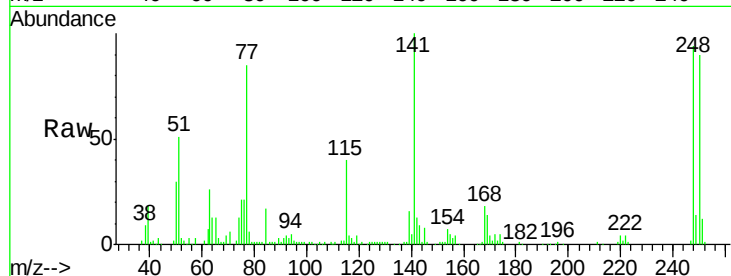




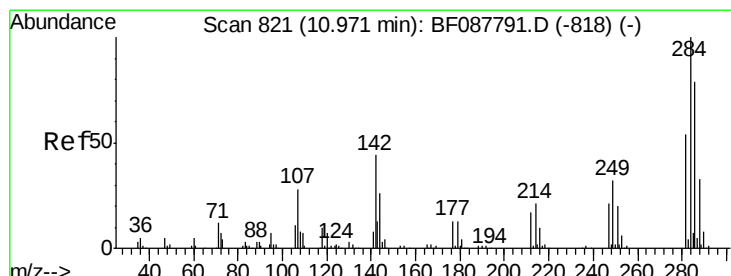
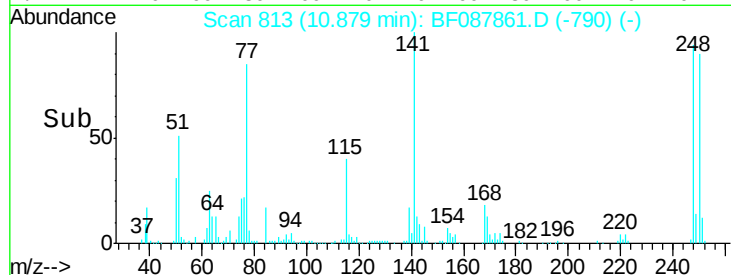
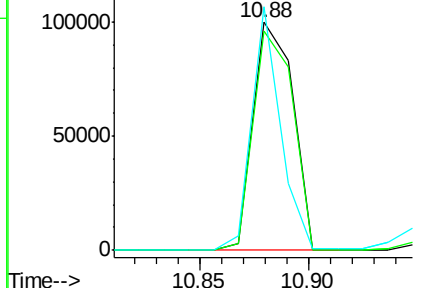
#66
4-Bromophenyl-phenylether
Concen: 38.04 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

Tot Ion:248 Resp: 127706
Ion Ratio Lower Upper
248 100
250 96.2 77.1 115.7
141 106.9 50.6 76.0#

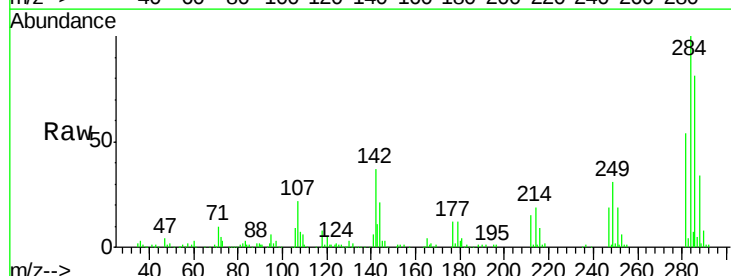


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

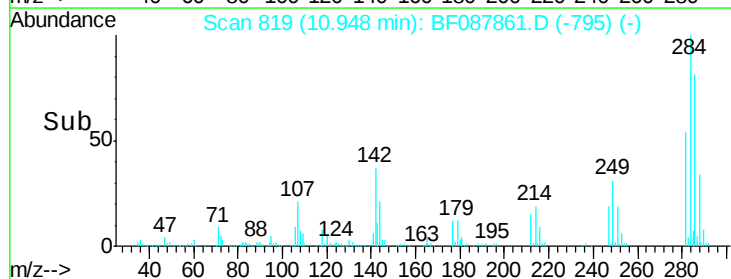
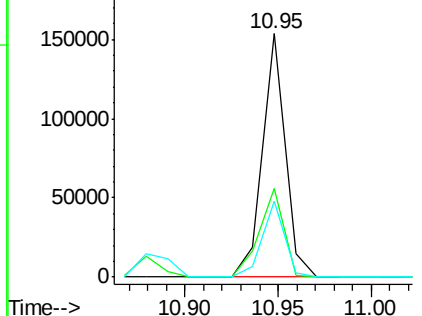


#67
Hexachlorobenzene
Concen: 36.99 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion:284 Resp: 129040
Ion Ratio Lower Upper
284 100
142 36.7 35.8 53.8
249 31.2 25.8 38.6



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

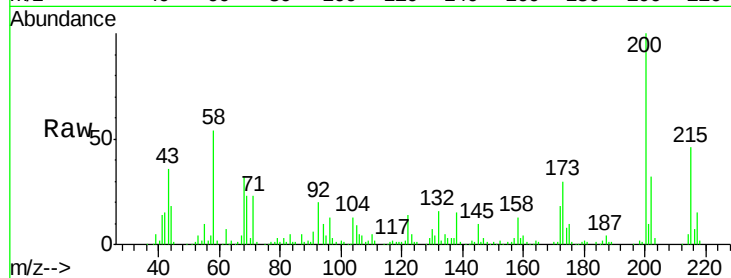




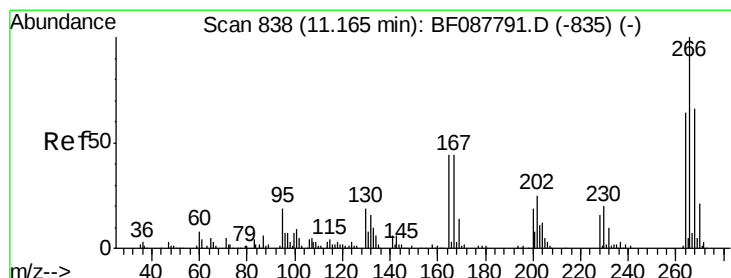
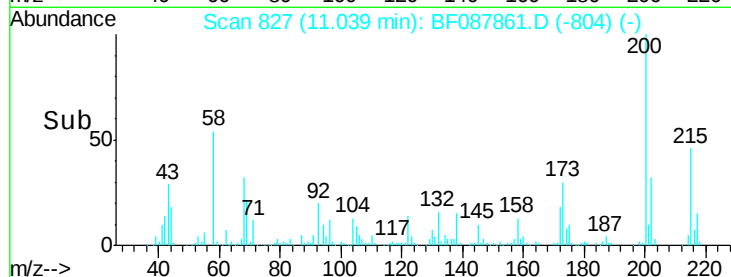
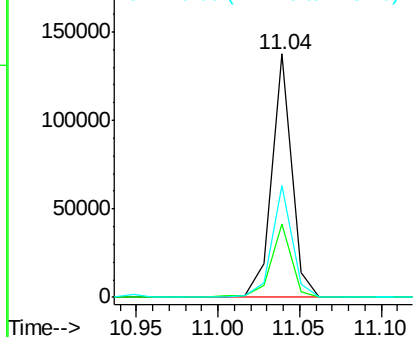
#68
Atrazine
Concen: 37.60 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

Tot Ion:200 Resp: 118225
Ion Ratio Lower Upper
200 100
173 30.3 4.0 44.0
215 45.8 29.3 69.3

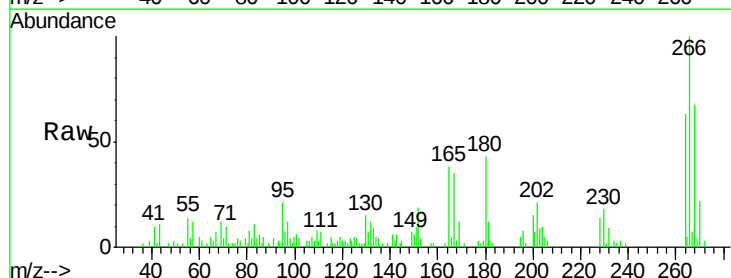


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

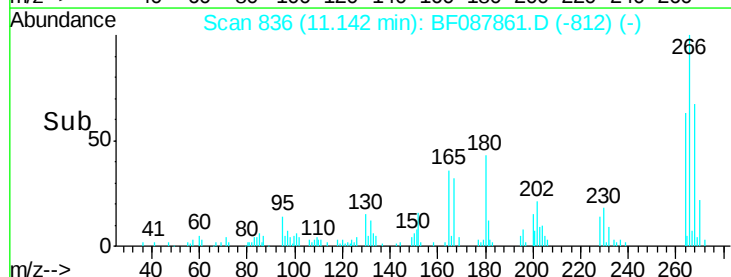
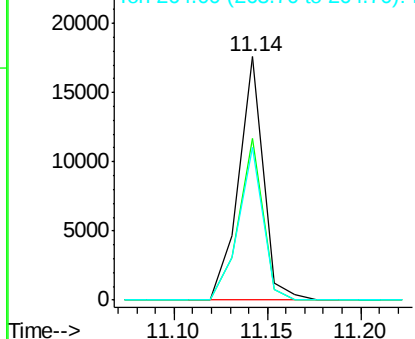


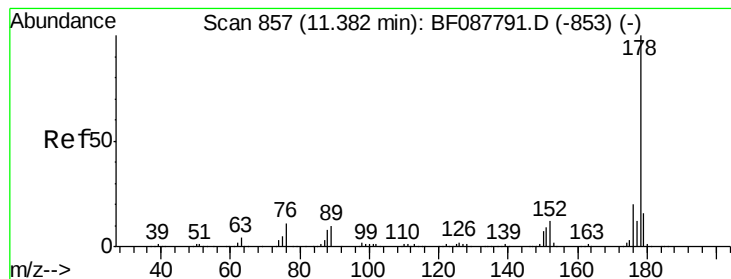
#69
Pentachlorophenol
Concen: 8.91 ng
RT: 11.14 min Scan# 836
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion:266 Resp: 16380
Ion Ratio Lower Upper
266 100
268 66.5 52.8 79.2
264 62.7 49.6 74.4



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





#70

Phenanthrene

Concen: 47.02 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

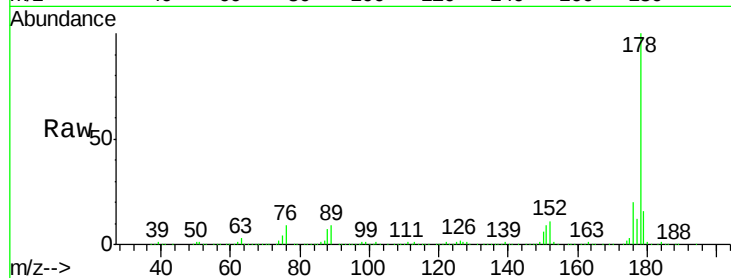
Tot Ion:178 Resp: 772058

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

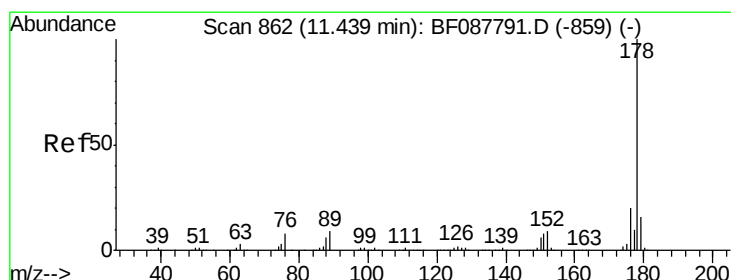
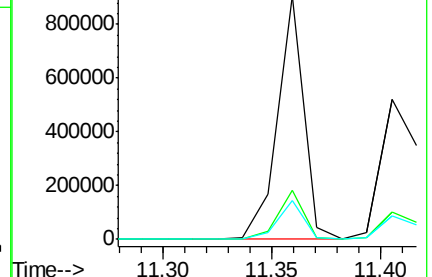
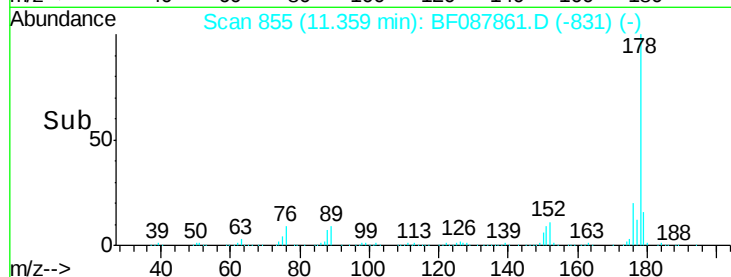
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 37.37 ng

RT: 11.40 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

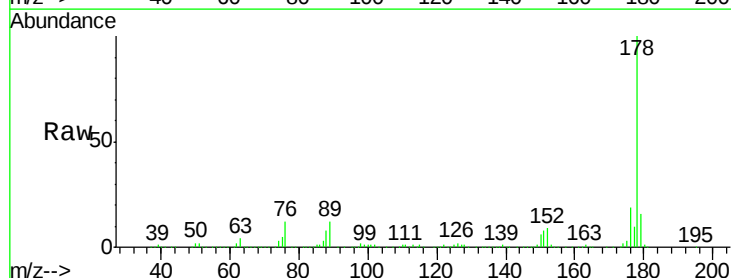
Tgt Ion:178 Resp: 619007

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

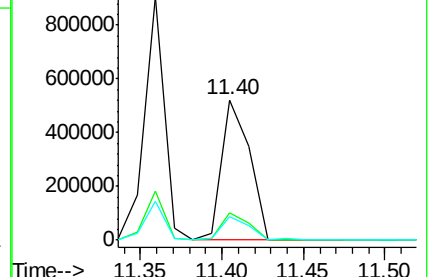
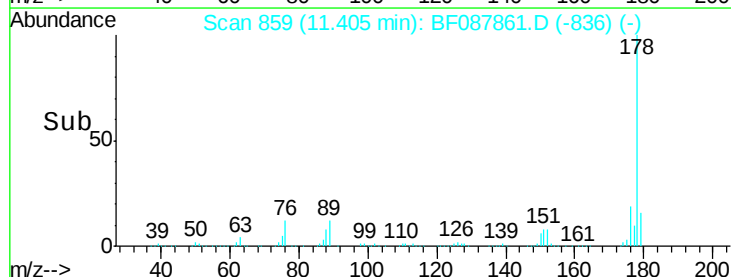
179 16.3 12.8 19.2

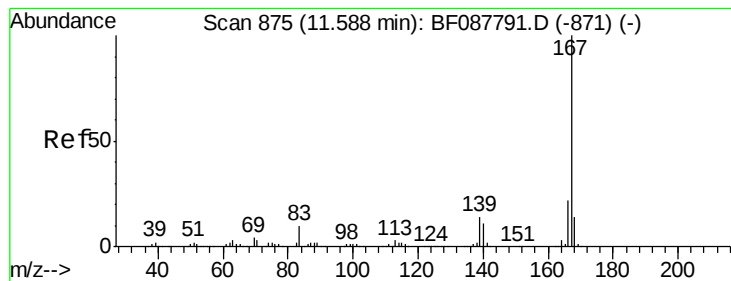


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 40.11 ng

RT: 11.57 min Scan# 873

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

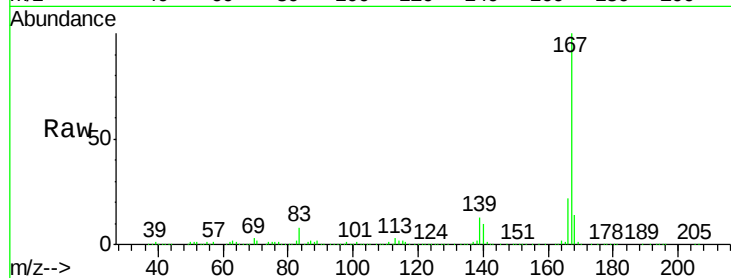
Tot Ion:167 Resp: 621818

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

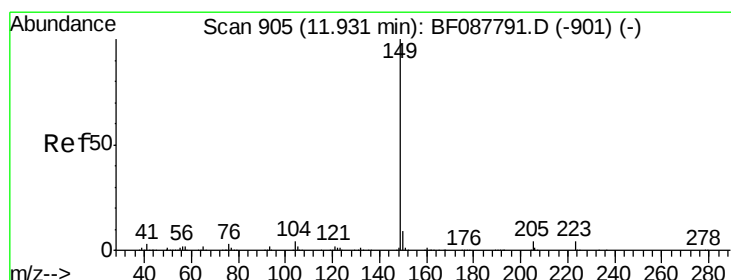
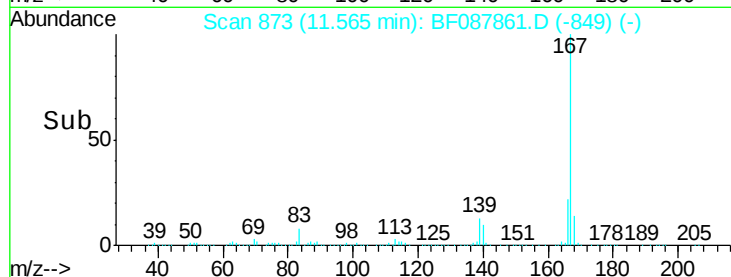
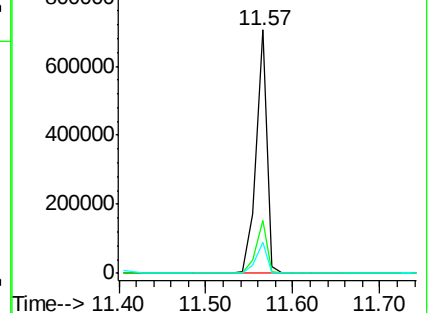
139 12.8 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 35.86 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

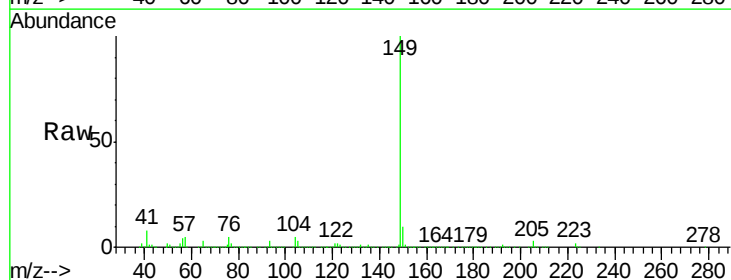
Tgt Ion:149 Resp: 703647

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

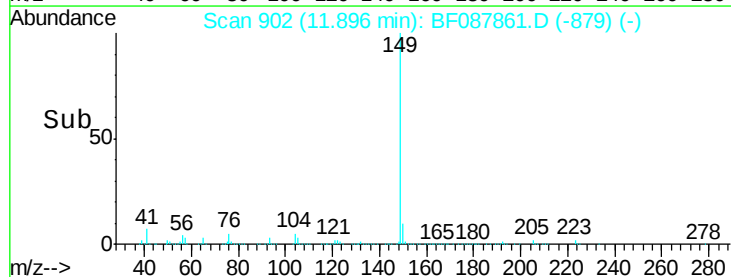
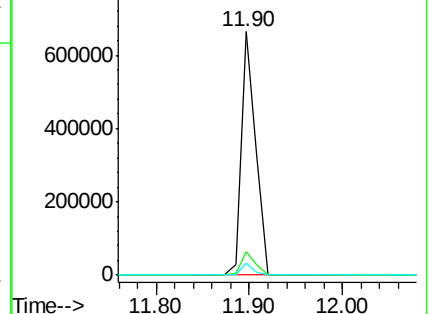
104 4.9 4.0 6.0

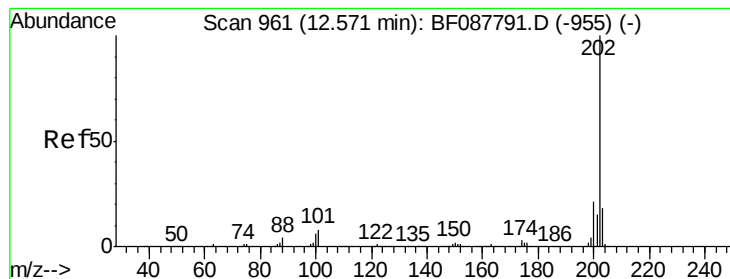


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 46.73 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

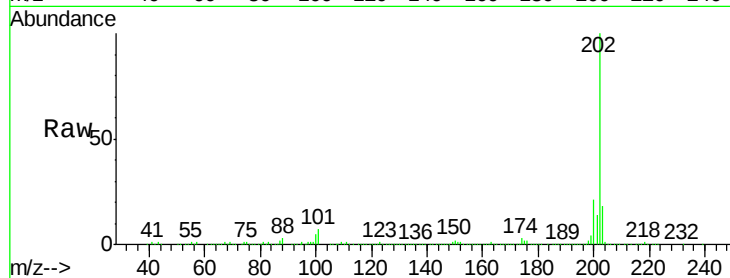
Tot Ion:202 Resp: 809784

Ion Ratio Lower Upper

202 100

101 6.8 0.0 33.1

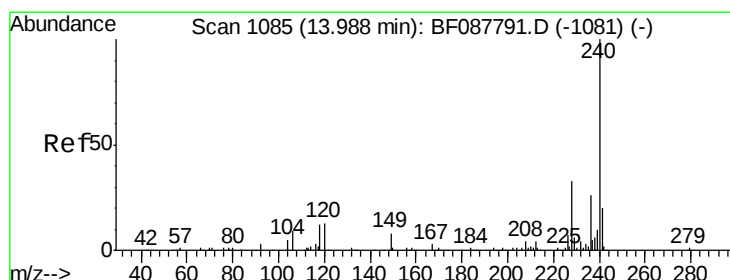
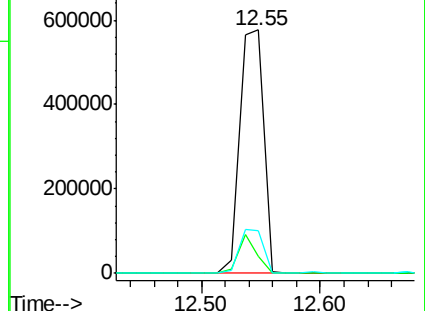
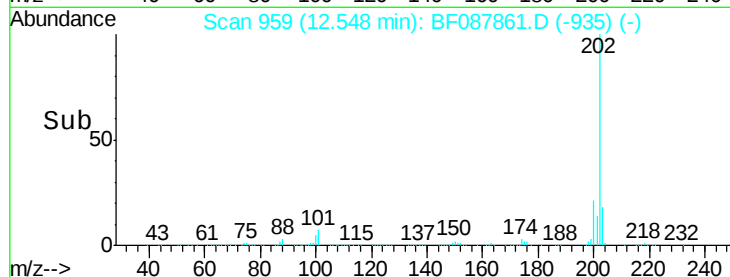
203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

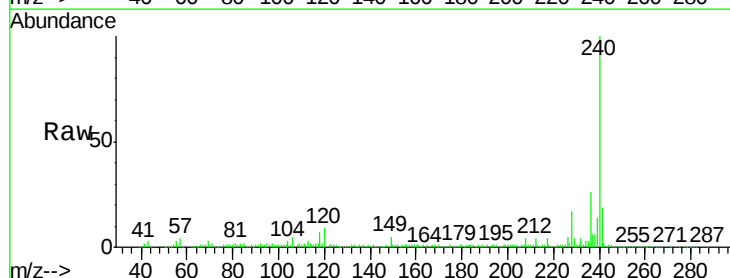
Tgt Ion:240 Resp: 234043

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

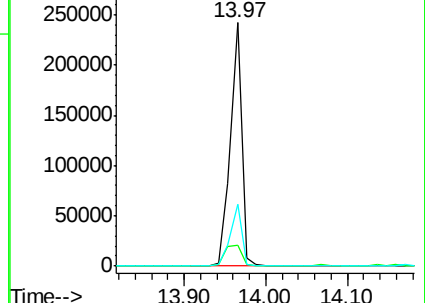
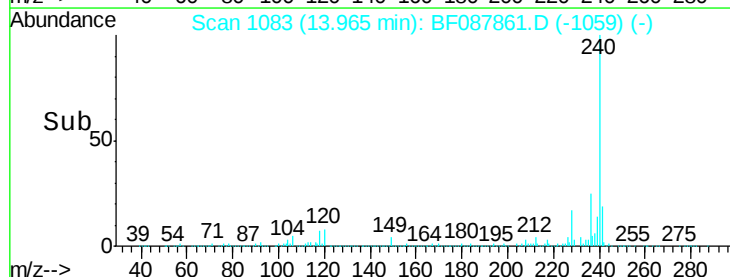
236 25.6 20.2 30.2

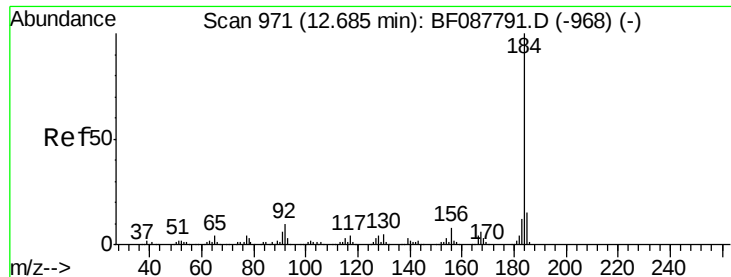


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

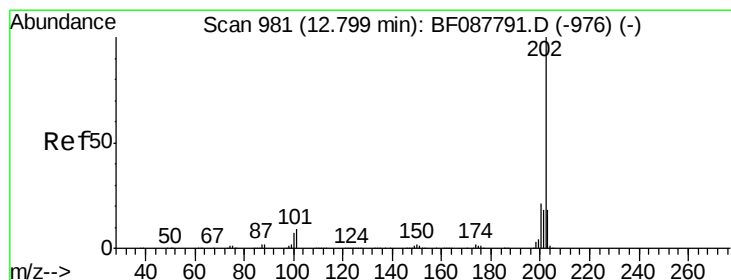
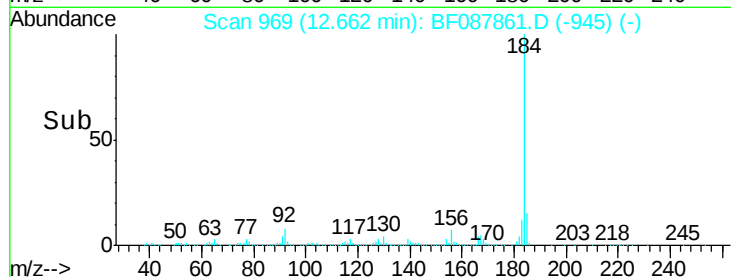
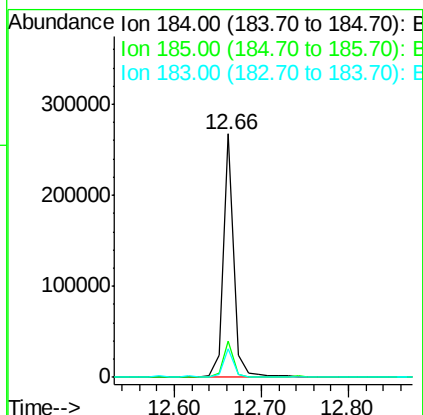
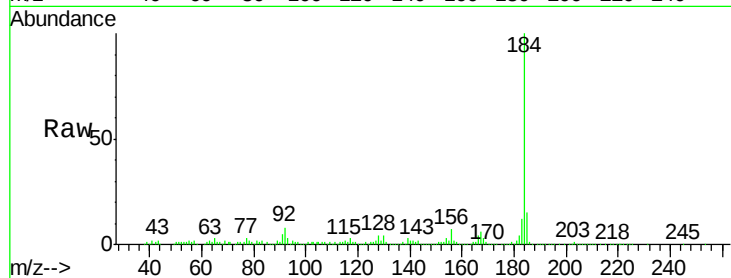




#76
Benzidine
Concen: 34.57 ng
RT: 12.66 min Scan# 969
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

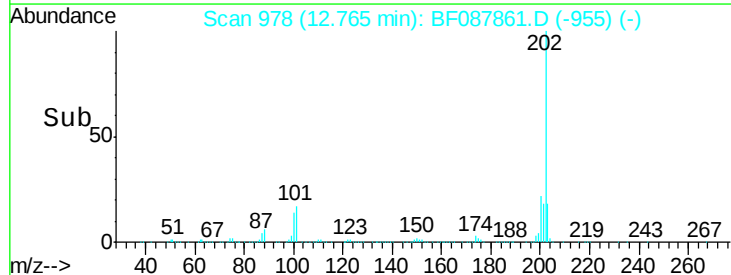
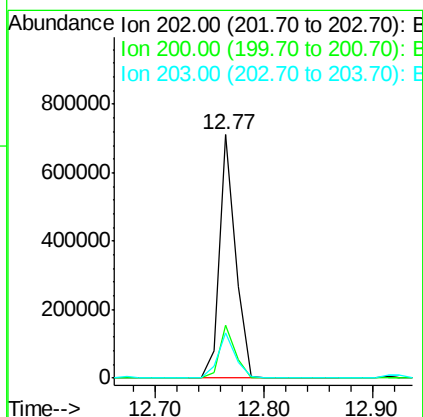
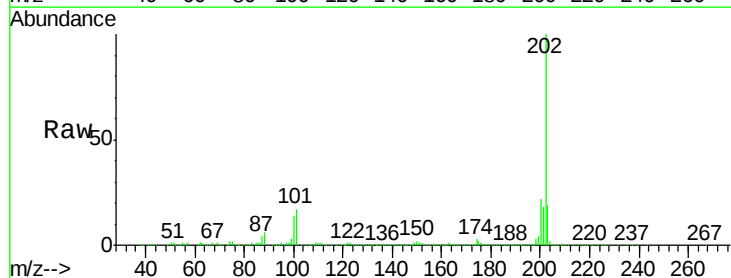
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

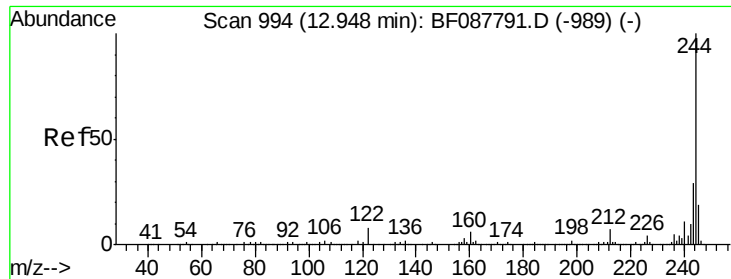
Tot Ion:184 Resp: 224042
Ion Ratio Lower Upper
184 100
185 14.7 12.5 18.7
183 11.8 9.3 13.9



#77
Pyrene
Concen: 42.10 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion:202 Resp: 731113
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 18.7 14.5 21.7

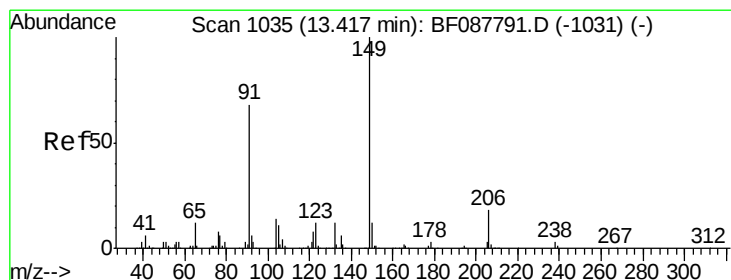
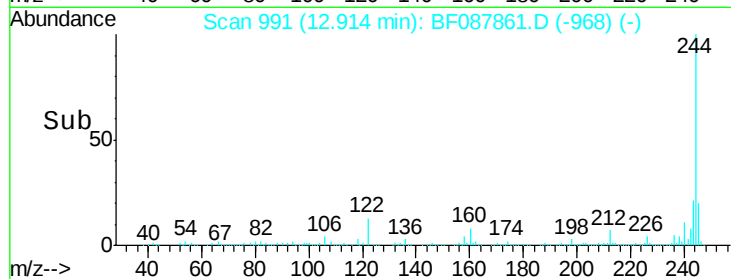
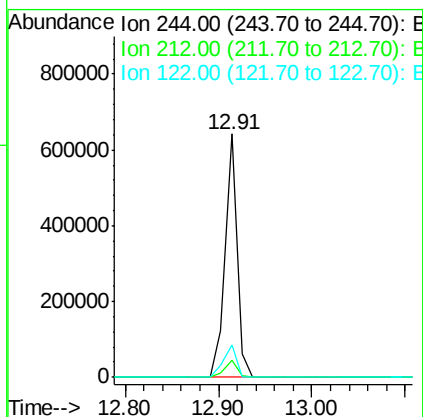
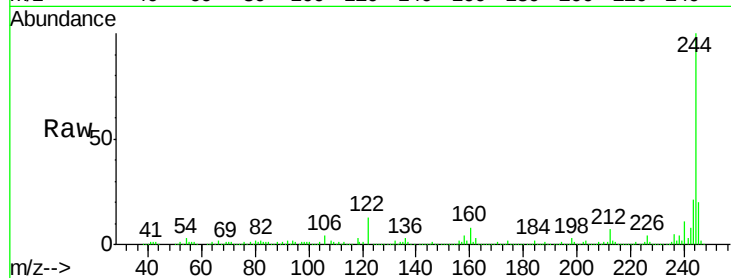




#78
 Terphenyl-d14
 Concen: 55.39 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

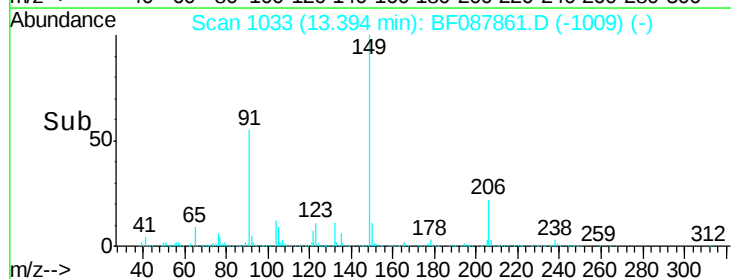
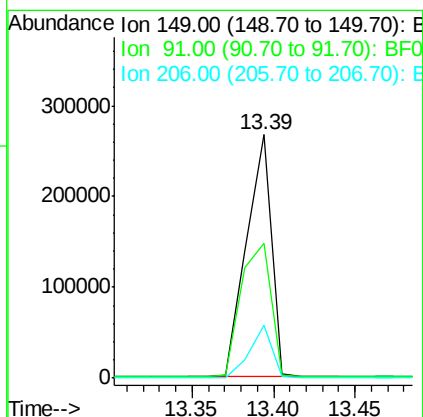
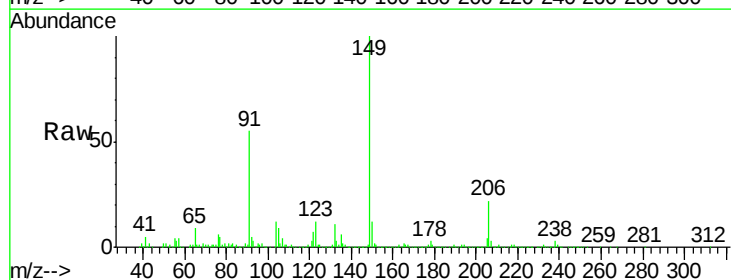
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

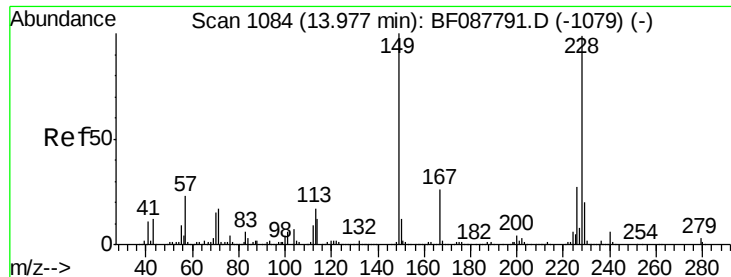
Tot Ion:244 Resp: 569730
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.4 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 36.71 ng
 RT: 13.39 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

Tgt Ion:149 Resp: 281851
 Ion Ratio Lower Upper
 149 100
 91 55.2 48.0 72.0
 206 22.0 16.0 24.0





#80

Benzo(a)anthracene

Concen: 41.26 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

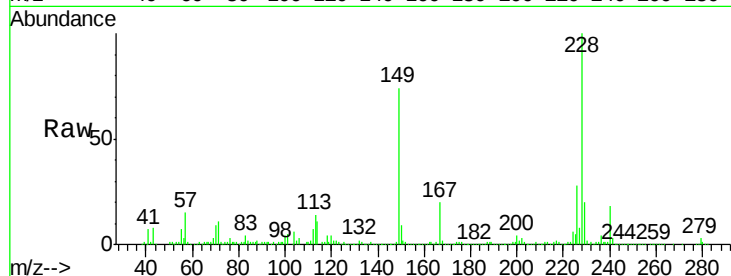
Tot Ion:228 Resp: 550287

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

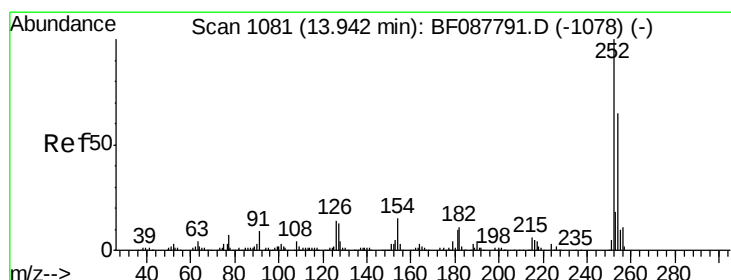
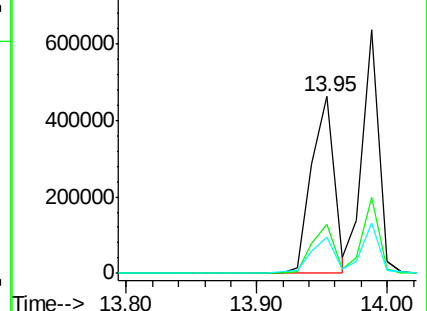
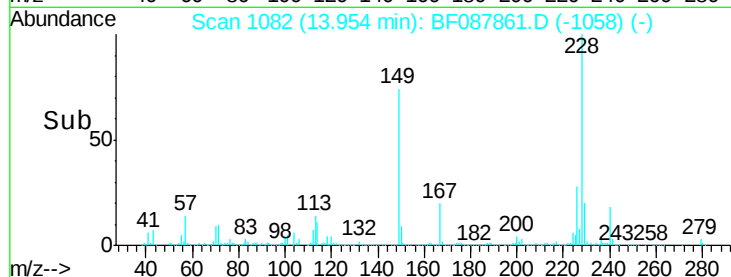
229 20.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 31.43 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

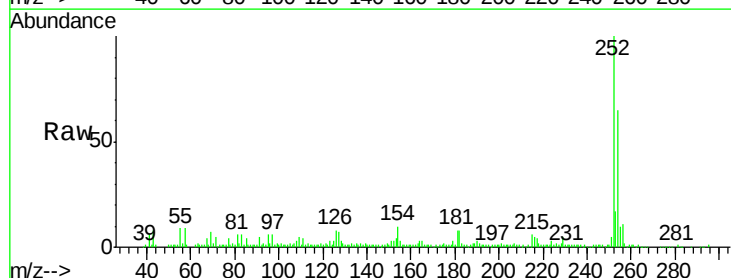
Tgt Ion:252 Resp: 112715

Ion Ratio Lower Upper

252 100

254 64.7 52.6 78.8

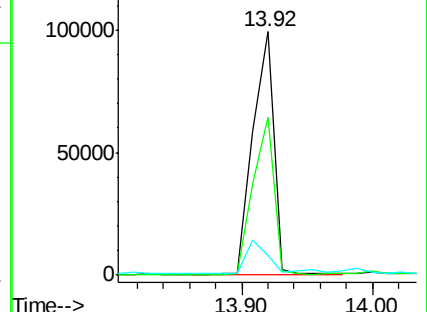
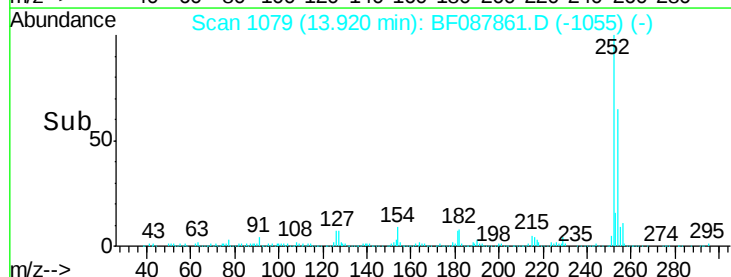
126 7.8 6.2 9.2

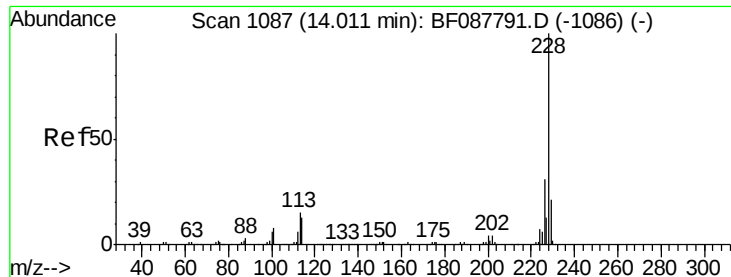


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 44.04 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

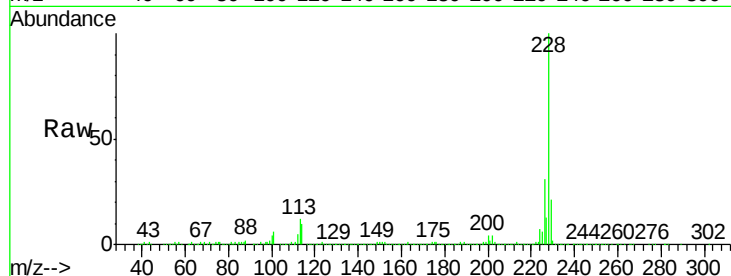
Tot Ion:228 Resp: 552597

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.2

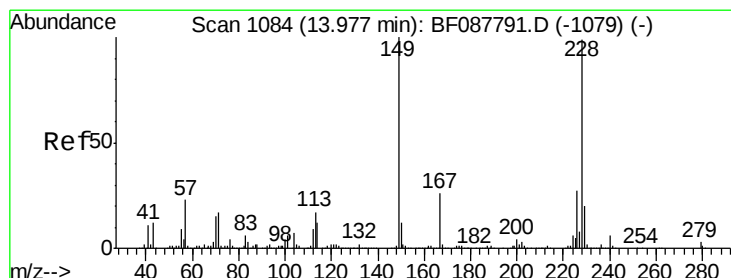
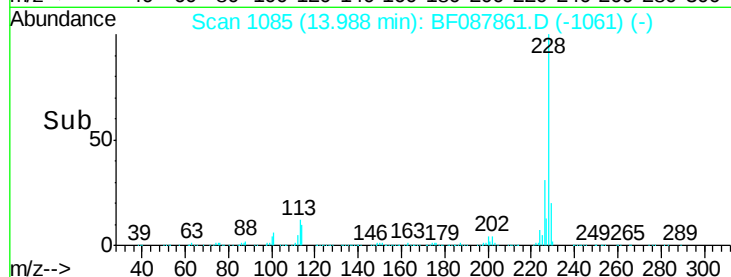
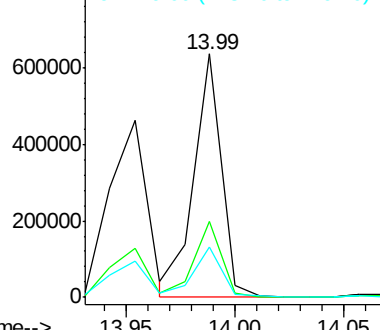
229 20.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.83 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

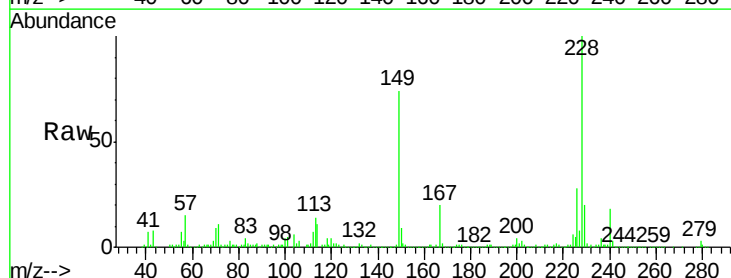
Tgt Ion:149 Resp: 362960

Ion Ratio Lower Upper

149 100

167 27.3 20.5 30.7

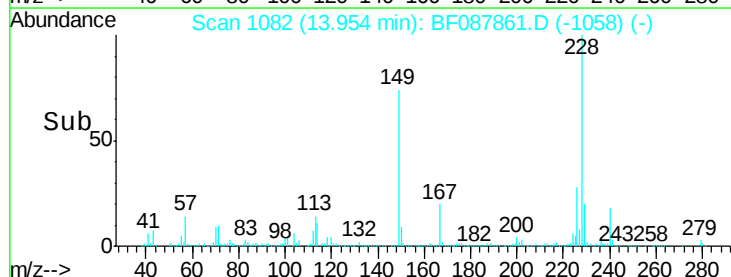
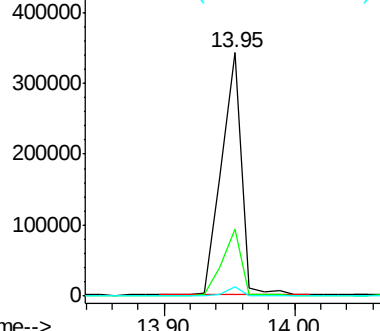
279 4.1 2.0 3.0#

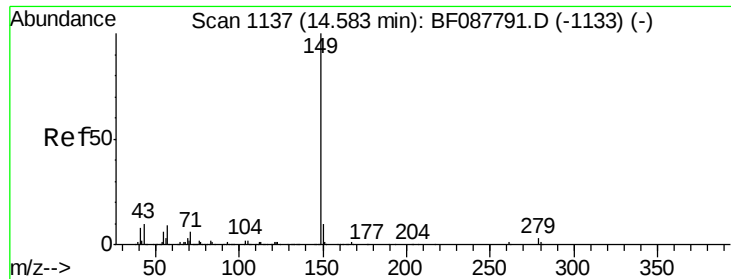


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 42.74 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)CMS

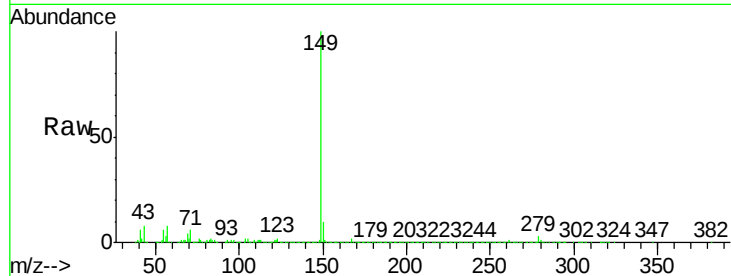
Tot Ion:149 Resp: 649120

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

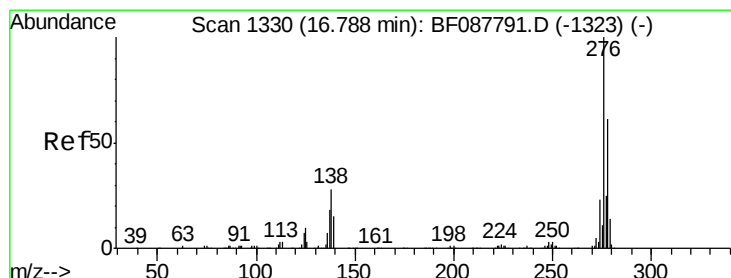
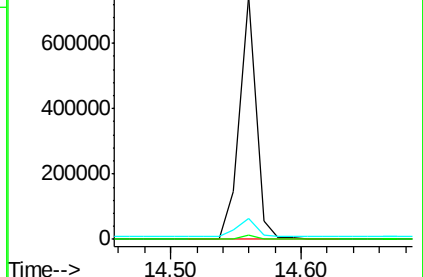
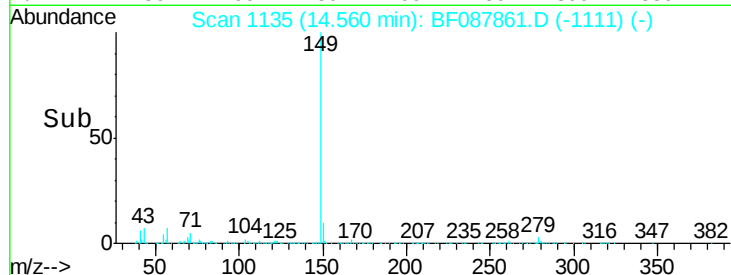
43 8.9 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 33.55 ng

RT: 16.73 min Scan# 1325

Delta R.T. -0.06 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

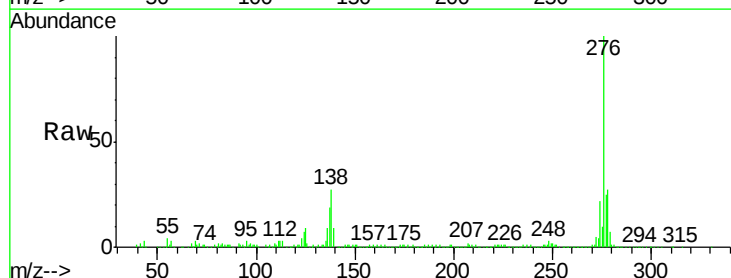
Tgt Ion:276 Resp: 391059

Ion Ratio Lower Upper

276 100

138 28.7 0.0 0.0#

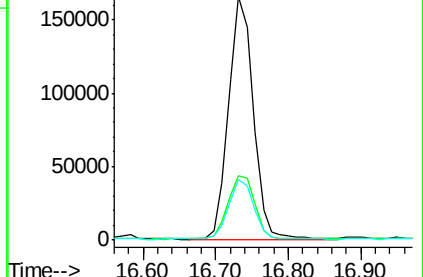
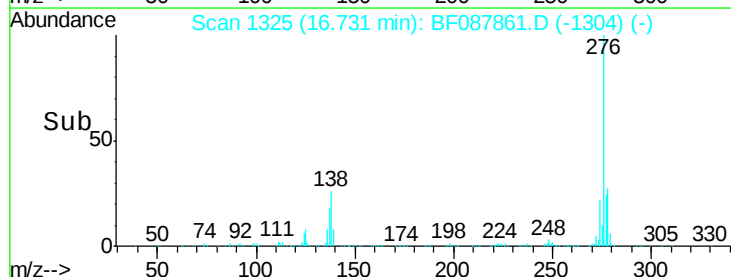
277 25.7 0.0 0.0#

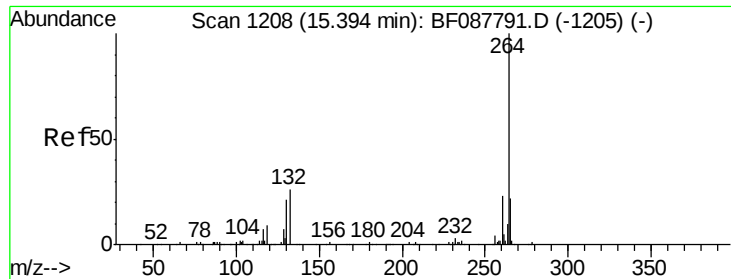


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

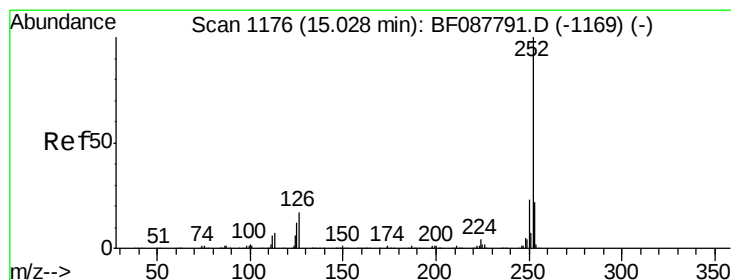
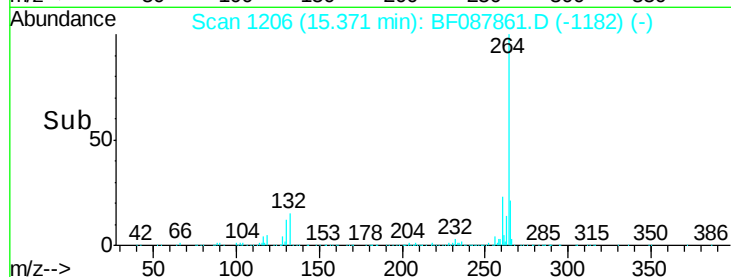
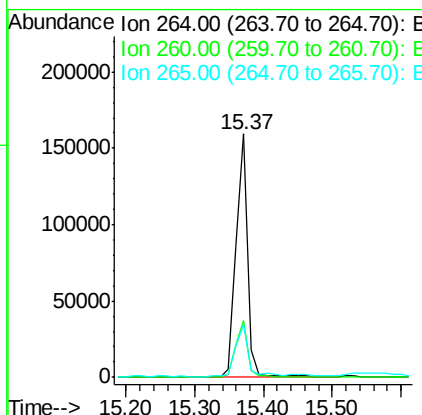
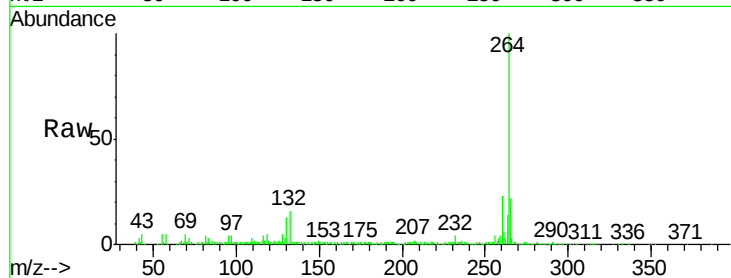




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

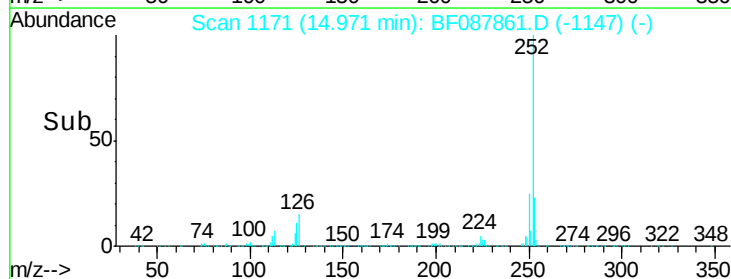
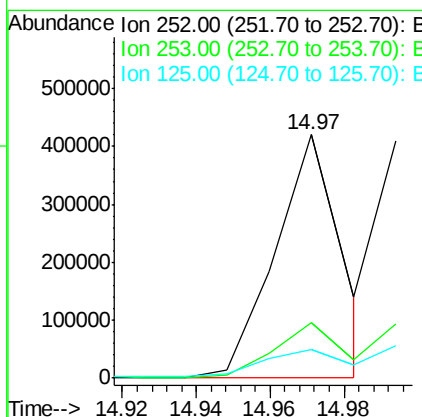
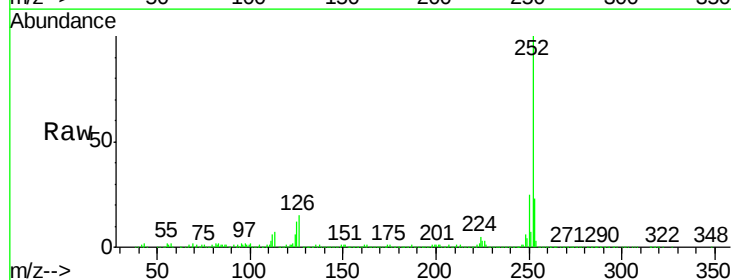
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

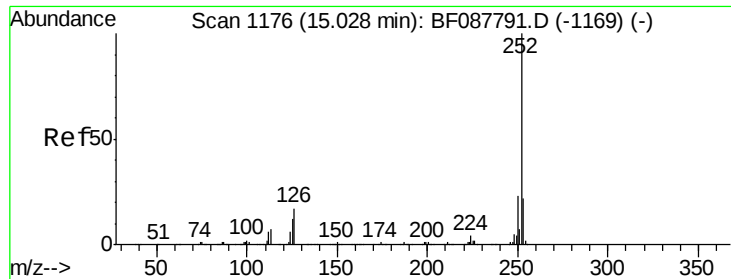
Tot Ion:264 Resp: 187497
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.7 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 39.79 ng m
RT: 14.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion:252 Resp: 520029
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 11.8 7.1 10.7#

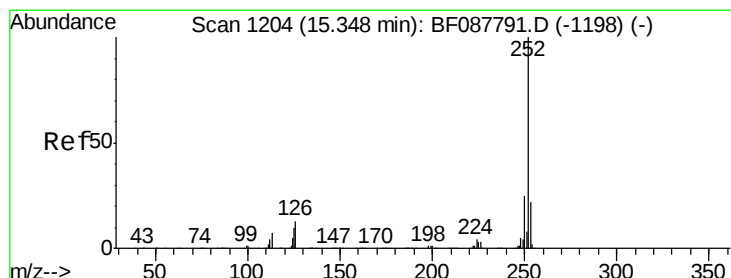
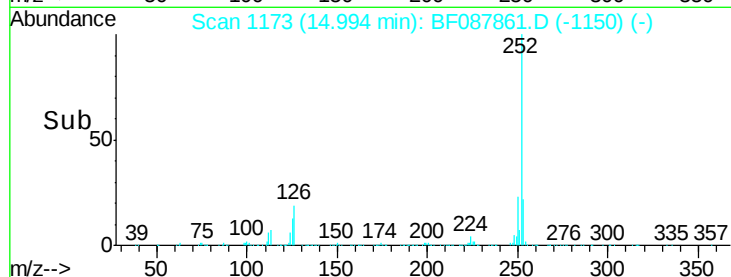
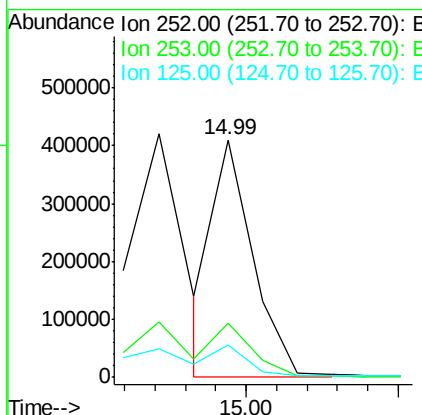
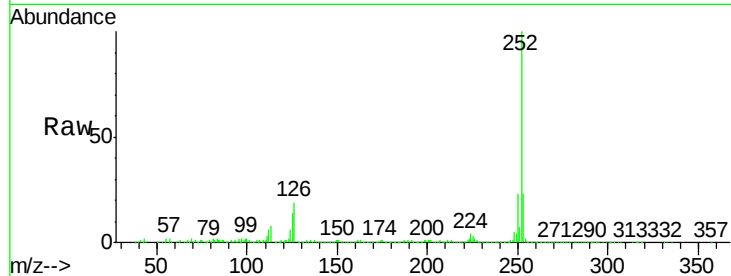




#88
Benzo(k)fluoranthene
Concen: 38.46 ng m
RT: 14.99 min Scan# 1173
Delta R.T. -0.03 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

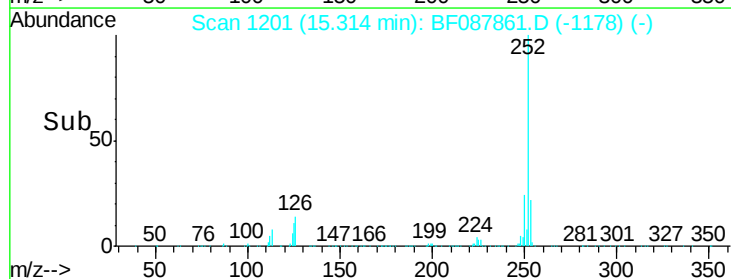
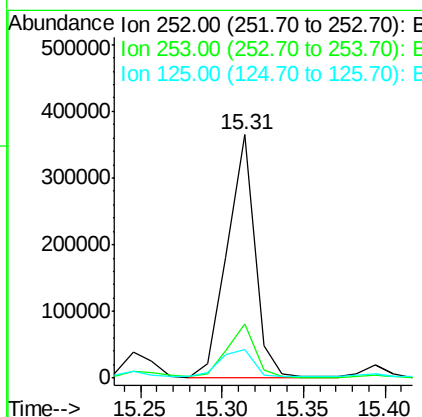
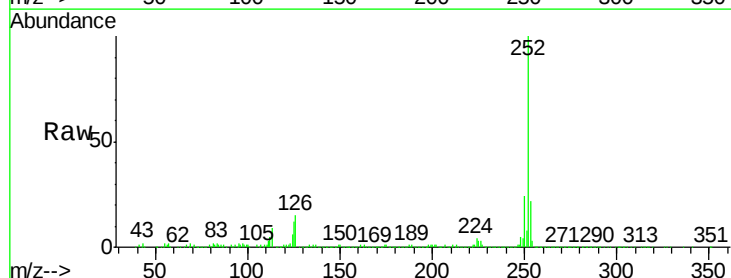
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

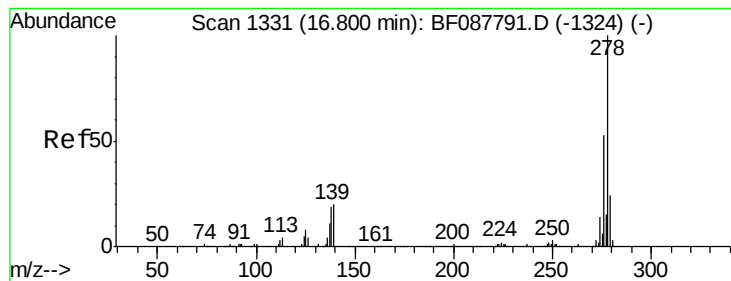
Tot Ion:252 Resp: 379140
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 13.5 11.2 16.8



#89
Benzo(a)pyrene
Concen: 40.30 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion:252 Resp: 426113
Ion Ratio Lower Upper
252 100
253 22.0 17.9 26.9
125 11.8 12.5 18.7#





#90

Dibenzo(a,h)anthracene

Concen: 32.58 ng

RT: 16.75 min Scan# 1327

Delta R.T. -0.05 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Instrument :

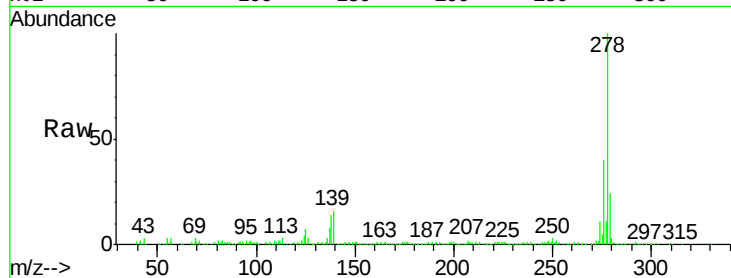
BNA_F

ClientSampleId :

U5-B1(0-12)CMS

Tot Ion:278 Resp: 319909

Ion	Ratio	Lower	Upper
278	100		
139	16.0	15.7	23.5
279	24.4	19.4	29.2

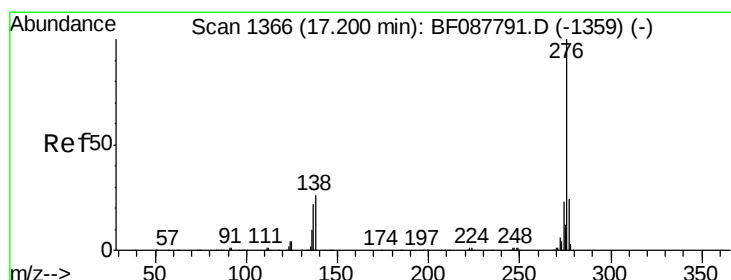
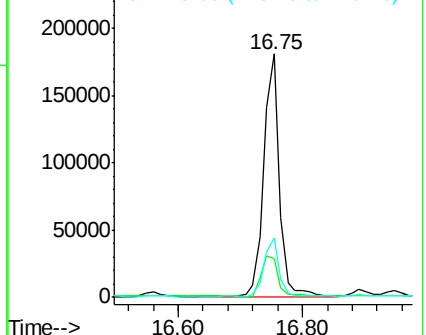
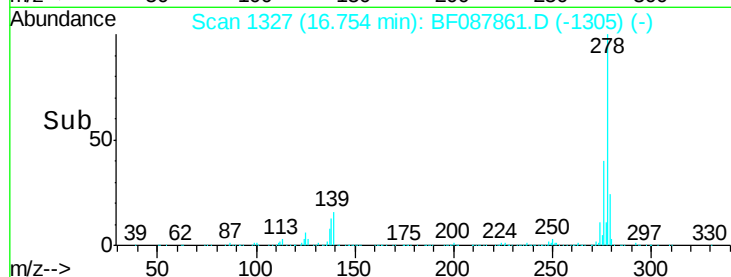


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 32.92 ng

RT: 17.14 min Scan# 1361

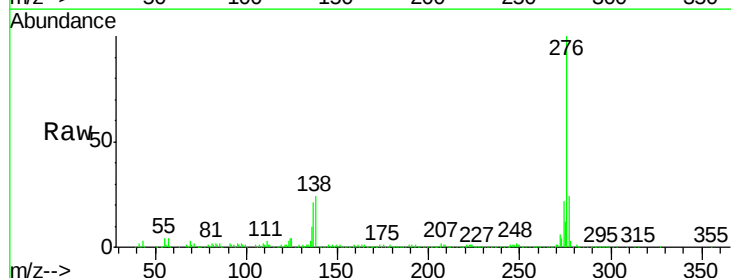
Delta R.T. -0.06 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

Tgt Ion:276 Resp: 332579

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	24.5	21.4	32.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

