

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 02:00:57 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

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

						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	6.99	146	284110	31.93	ng	99
13) 1,4-Dichlorobenzene	6.84	146	300133	33.49	ng	95
14) 1,2-Dichlorobenzene	6.84	146	300133	36.82	ng	99
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

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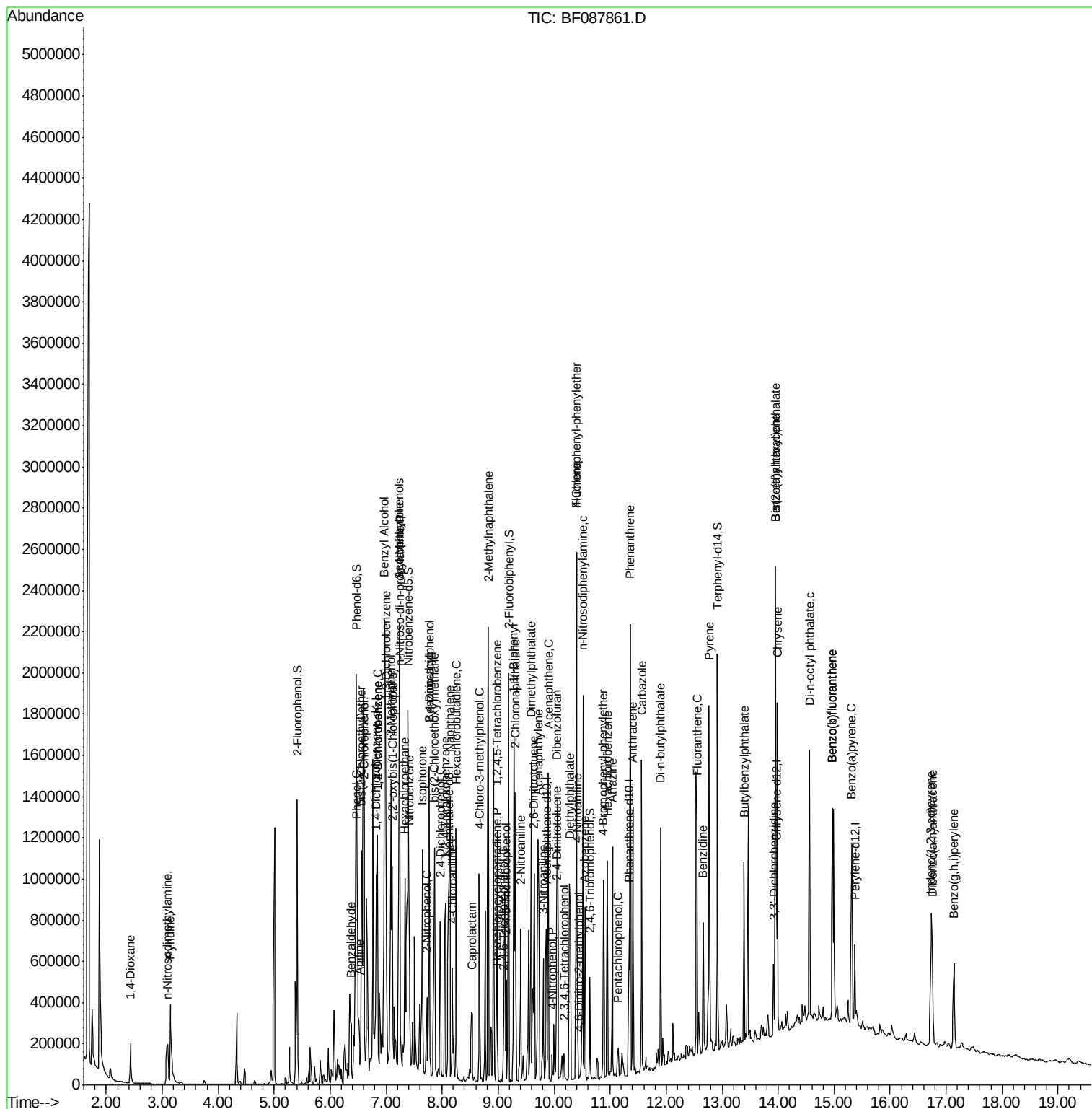
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	35140	8.89	ng	98
43) 2,4,5-Trichlorophenol	9.14	196	71341	17.35	ng	98
45) 1,1'-Biphenyl	9.28	154	560148	36.61	ng	100
46) 2-Chloronaphthalene	9.30	162	438989	34.33	ng	100
47) 2-Nitroaniline	9.40	65	148304	39.31	ng	# 59
48) Acenaphthylene	9.71	152	711832	35.00	ng	100
49) Dimethylphthalate	9.59	163	712582	49.78	ng	100
50) 2,6-Dinitrotoluene	9.64	165	131673	40.16	ng	# 82
51) Acenaphthene	9.90	154	493842	38.92	ng	99
52) 3-Nitroaniline	9.80	138	109290	28.89	ng	98
54) Dibenzofuran	10.06	168	646792	37.01	ng	# 90
55) 4-Nitrophenol	9.96	139	19160	6.53	ng	# 83
56) 2,4-Dinitrotoluene	10.04	165	170665	40.51	ng	98
57) Fluorene	10.40	166	435764	35.93	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	15563	4.82	ng	# 55
59) Diethylphthalate	10.27	149	544209	37.56	ng	98
60) 4-Chlorophenyl-phenylether	10.40	204	211363	36.37	ng	91
61) 4-Nitroaniline	10.41	138	118137	32.92	ng	95
62) Azobenzene	10.55	77	486566	33.96	ng	93
64) 4,6-Dinitro-2-methylphenol	10.44	198	1135	2.72	ng	86
65) n-Nitrosodiphenylamine	10.51	169	442881	42.65	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	127706	38.04	ng	# 78
67) Hexachlorobenzene	10.95	284	129040	36.99	ng	92
68) Atrazine	11.04	200	118225	37.60	ng	92
69) Pentachlorophenol	11.14	266	16380	8.91	ng	99
70) Phenanthrene	11.36	178	772058	47.02	ng	99
71) Anthracene	11.40	178	619007	37.37	ng	99
72) Carbazole	11.57	167	621818	40.11	ng	98
73) Di-n-butylphthalate	11.90	149	703647	35.86	ng	100
74) Fluoranthene	12.55	202	809784	46.73	ng	93
76) Benzidine	12.66	184	224042	34.57	ng	99
77) Pyrene	12.77	202	731113	42.10	ng	99
79) Butylbenzylphthalate	13.39	149	281851	36.71	ng	94
80) Benzo(a)anthracene	13.95	228	550287	41.26	ng	100
81) 3,3'-Dichlorobenzidine	13.92	252	112715	31.43	ng	99
82) Chrysene	13.99	228	552597	44.04	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	362960	38.83	ng	# 97
84) Di-n-octyl phthalate	14.56	149	649120	42.74	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.73	276	391059	33.55	ng	# 100
87) Benzo(b)fluoranthene	14.97	252	899222	68.81	ng	# 96
88) Benzo(k)fluoranthene	14.97	252	899222	91.22	ng	97
89) Benzo(a)pyrene	15.31	252	426113	40.30	ng	# 96
90) Dibenzo(a,h)anthracene	16.75	278	319909	32.58	ng	96
91) Benzo(g,h,i)perylene	17.14	276	332579	32.92	ng	97

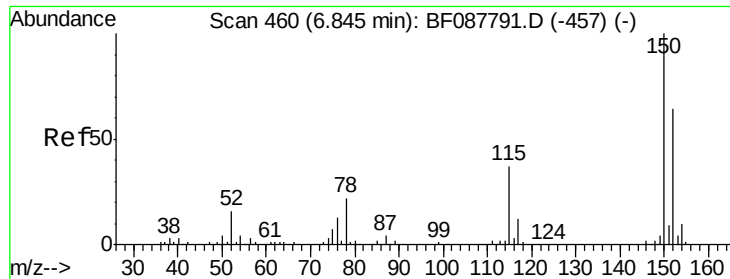
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

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

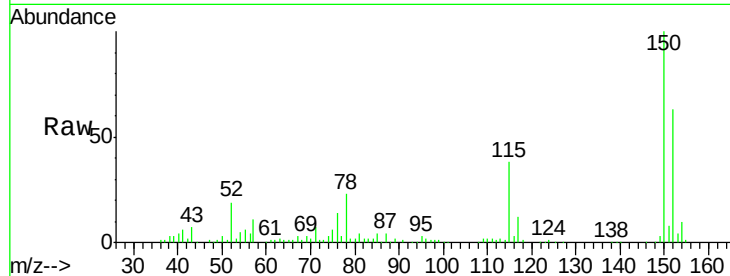
Tgt Ion:152 Resp: 119767

Ion Ratio Lower Upper

152 100

150 158.6 123.8 185.6

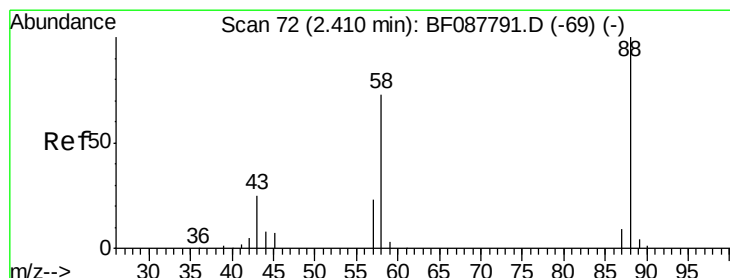
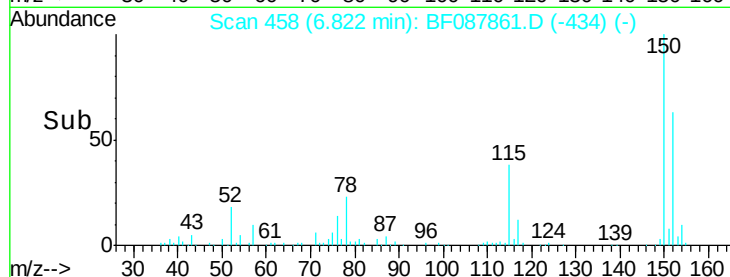
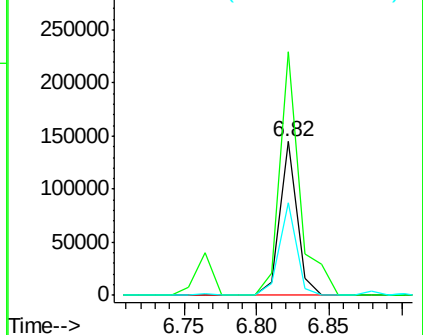
115 60.7 39.6 59.4#



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

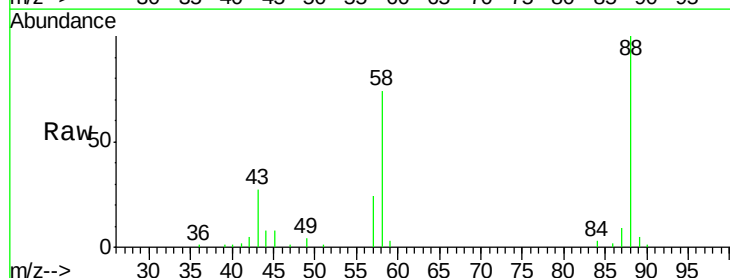
Tgt Ion: 88 Resp: 90928

Ion Ratio Lower Upper

88 100

58 74.3 0.0 0.0#

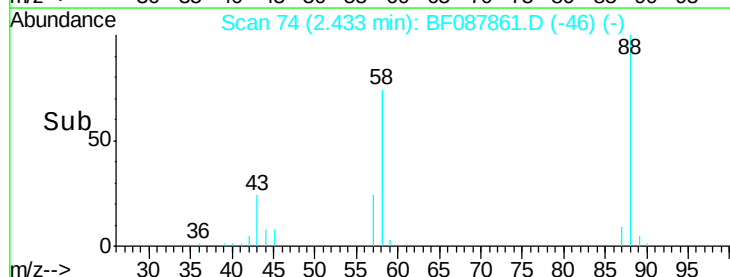
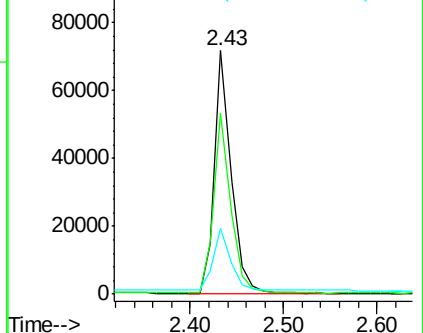
43 26.1 3.4 5.2#

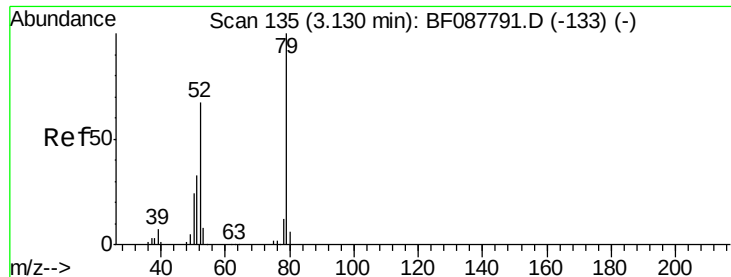


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

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

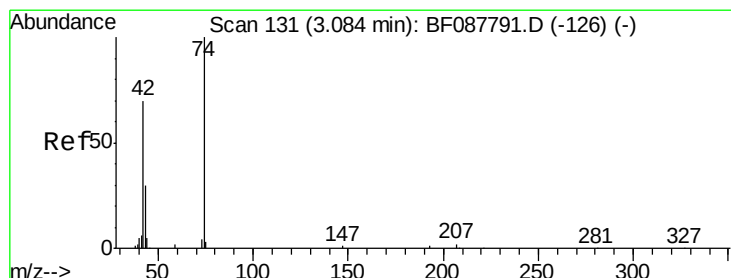
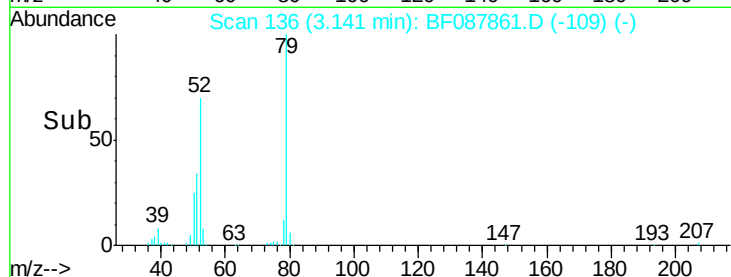
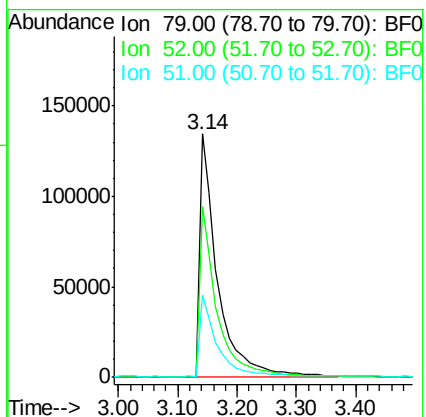
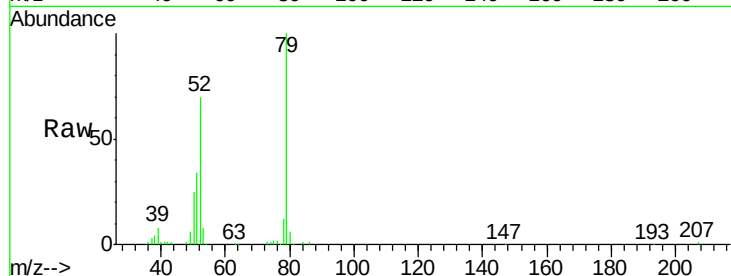
Tgt Ion: 79 Resp: 289384

Ion Ratio Lower Upper

79 100

52 70.1 56.3 84.5

51 34.1 27.4 41.2



#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

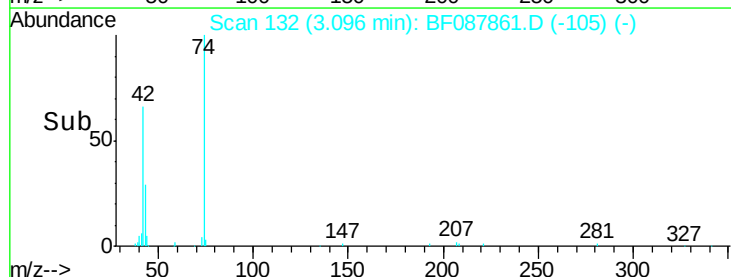
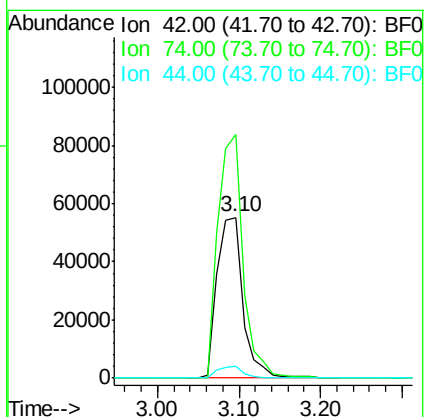
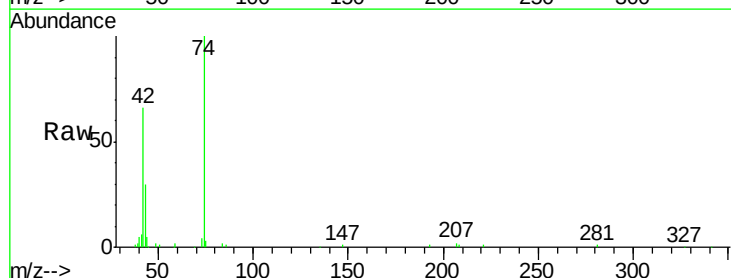
Tgt Ion: 42 Resp: 121075

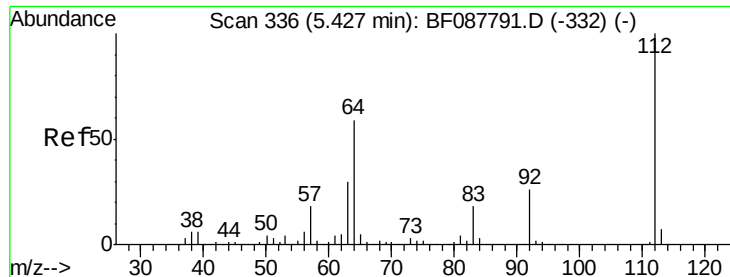
Ion Ratio Lower Upper

42 100

74 151.8 108.6 163.0

44 7.1 5.5 8.3





#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

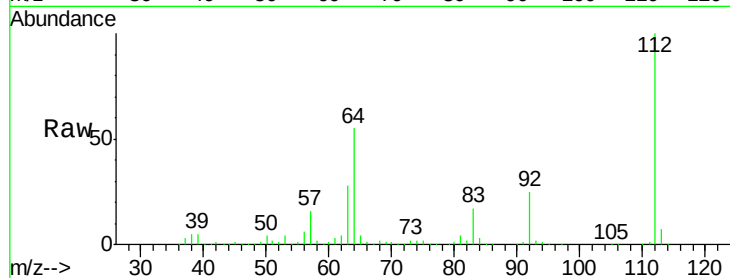
Instrument :

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U5-B1(0-12)CMS

Tgt Ion:	112	Resp:	376033
Ion	Ratio	Lower	Upper
112	100		
64	55.4	42.2	63.2
63	28.5	21.8	32.8

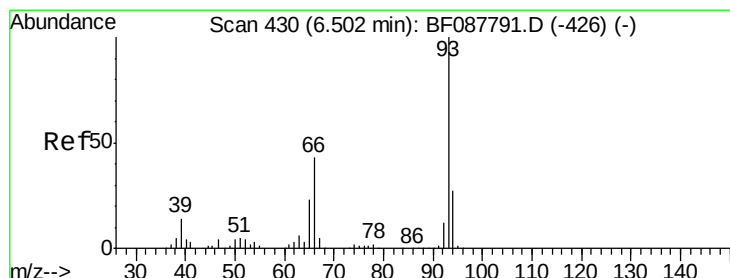
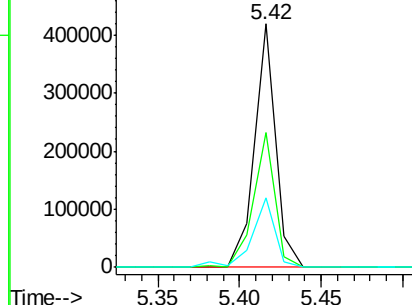
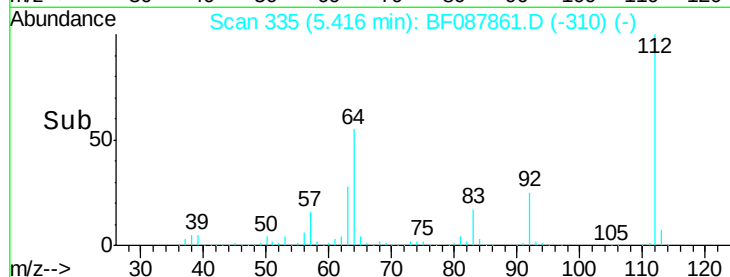


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



#6

Aniline

Concen: 19.42 ng

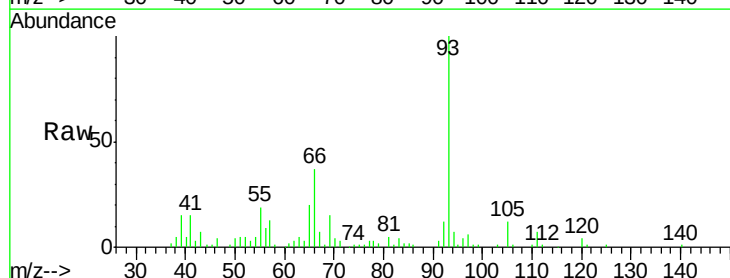
RT: 6.51 min Scan# 431

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

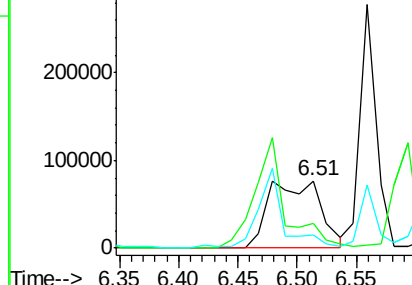
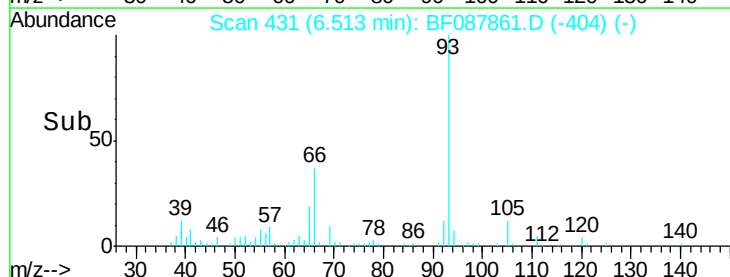


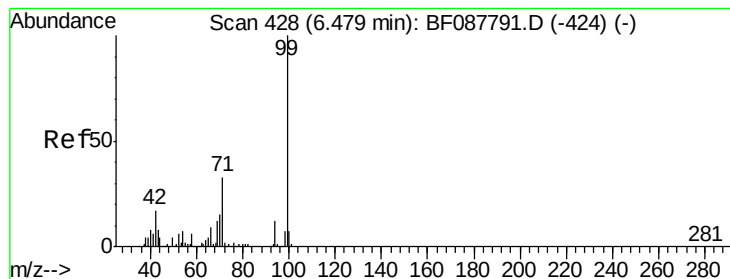
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->





#7

Phenol-d6

Concen: 106.34 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

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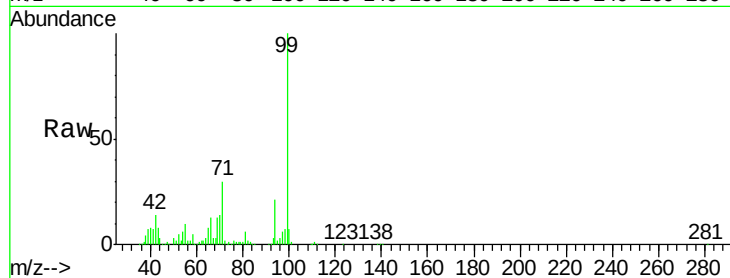
Tgt Ion: 99 Resp: 902861

Ion Ratio Lower Upper

99 100

42 14.0 12.2 18.2

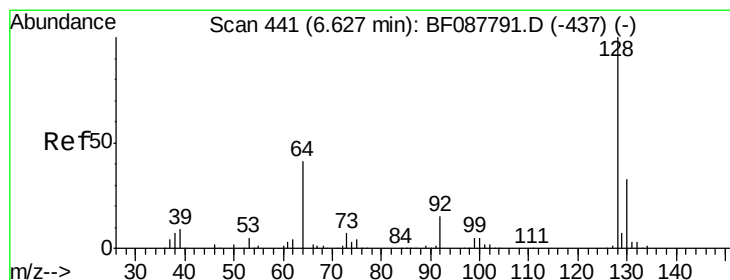
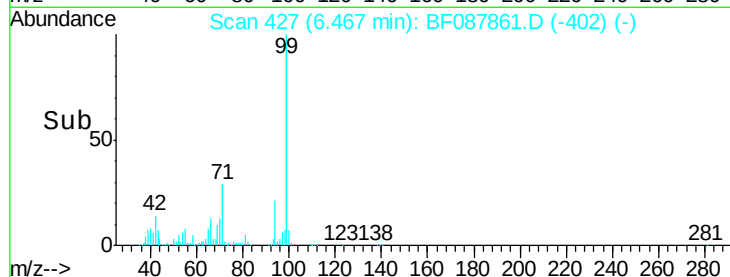
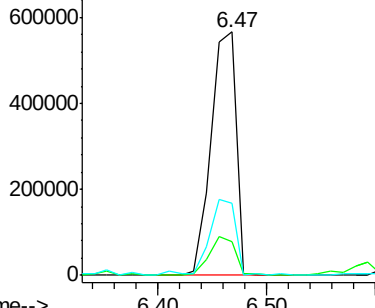
71 29.7 23.4 35.0



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

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Acq: 9 Jun 2016 19:24

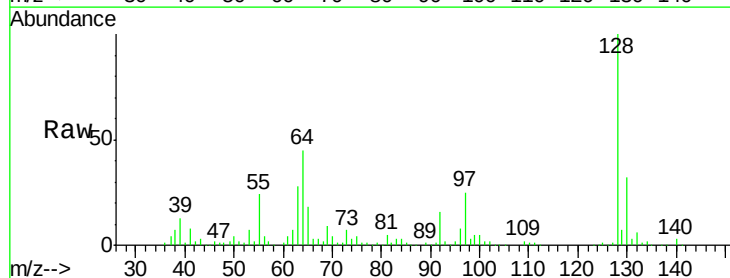
Tgt Ion: 128 Resp: 218896

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

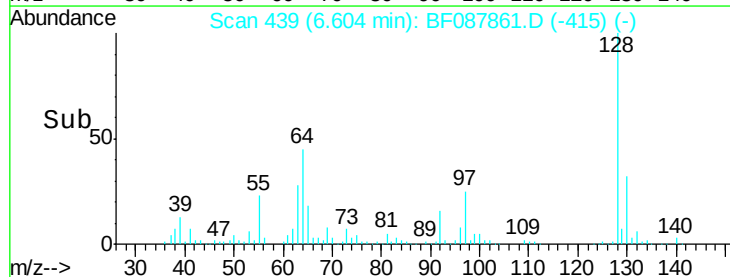
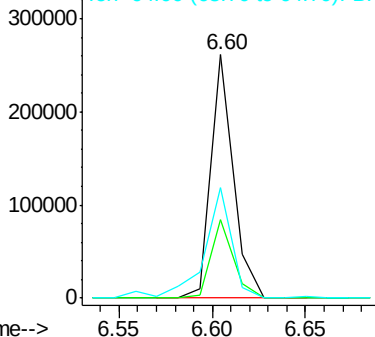
64 45.3 30.8 70.8

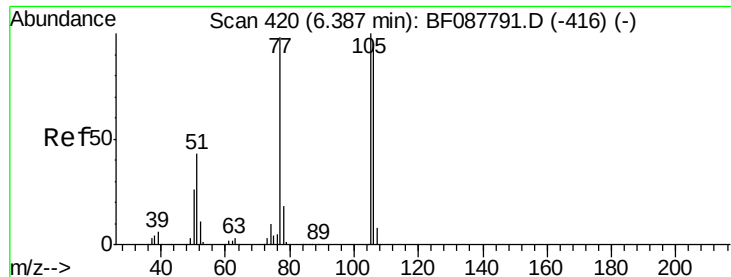


Abundance Ion 128.00 (127.70 to 128.70): E

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

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U5-B1(0-12)CMS

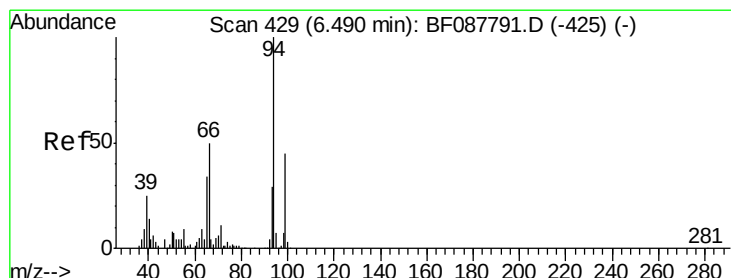
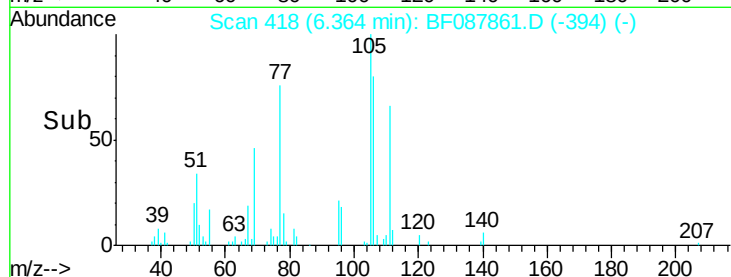
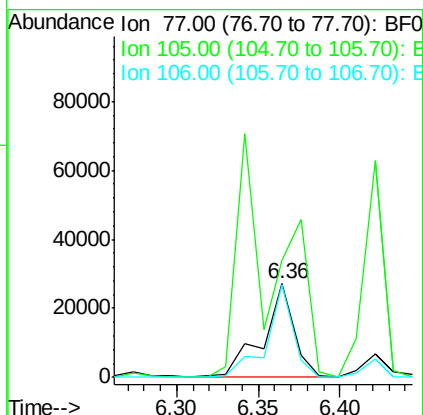
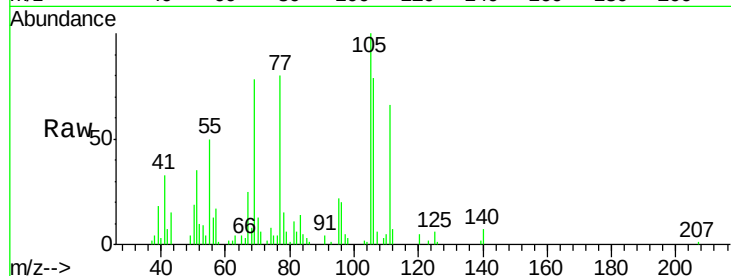
Tgt Ion: 77 Resp: 36394

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

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Acq: 9 Jun 2016 19:24

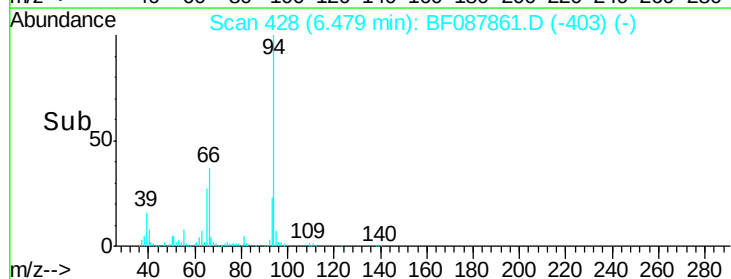
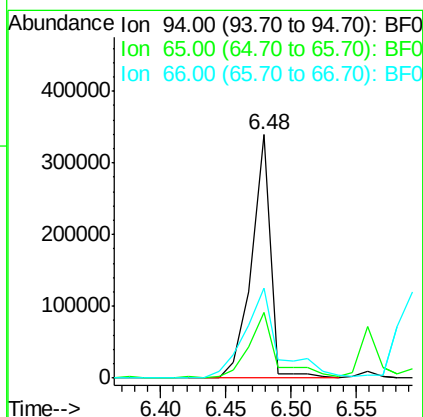
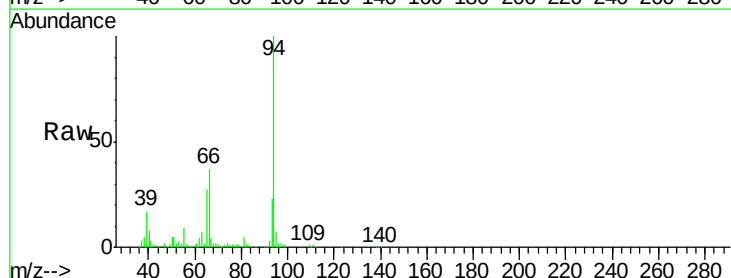
Tgt Ion: 94 Resp: 345242

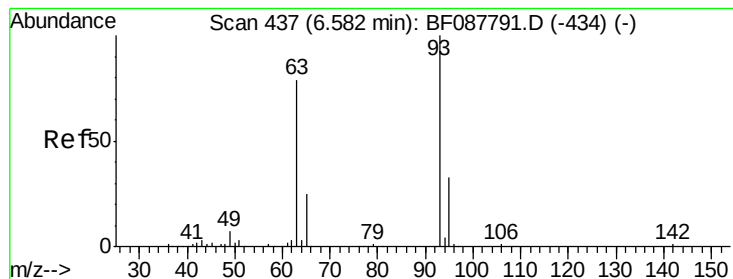
Ion Ratio Lower Upper

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

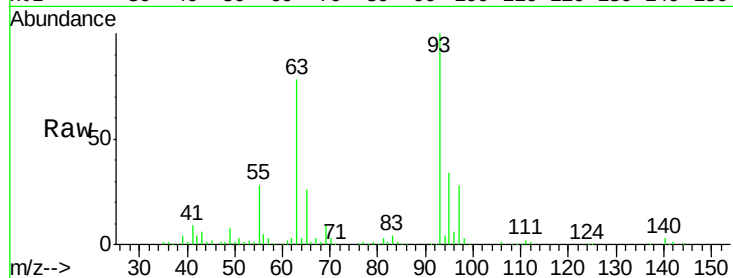
Tgt Ion: 93 Resp: 255394

Ion Ratio Lower Upper

93 100

63 78.4 67.6 107.6

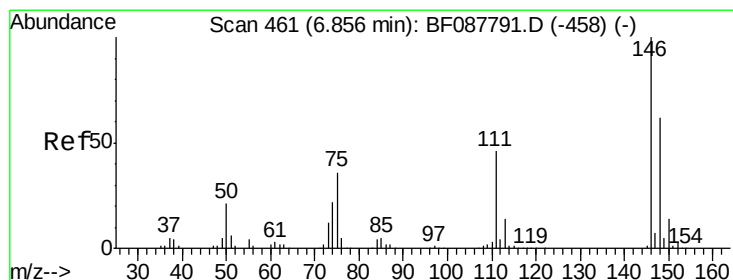
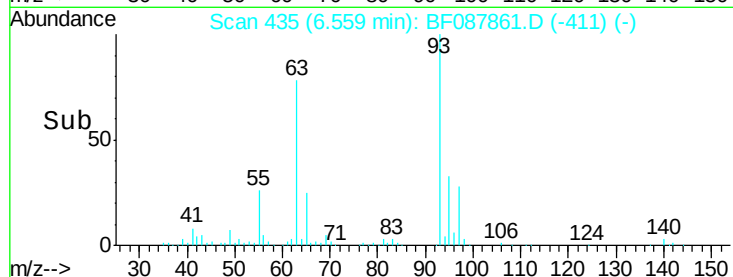
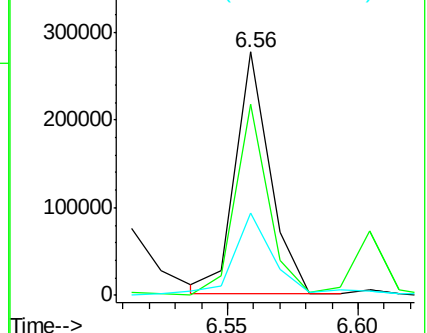
95 33.7 12.5 52.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 31.93 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.21 min

Lab File: BF087861.D

Acq: 9 Jun 2016 19:24

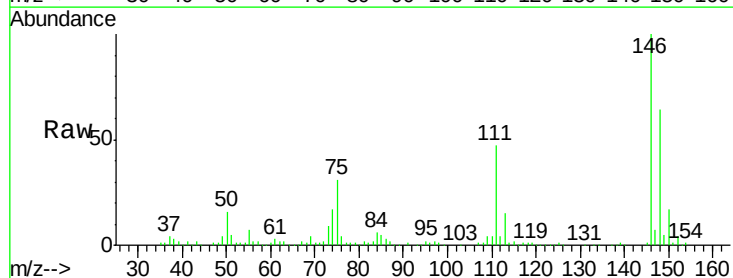
Tgt Ion: 146 Resp: 284110

Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

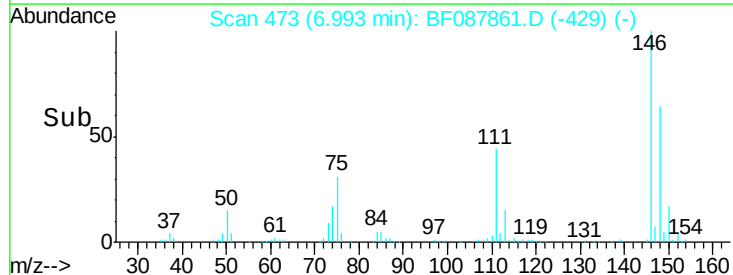
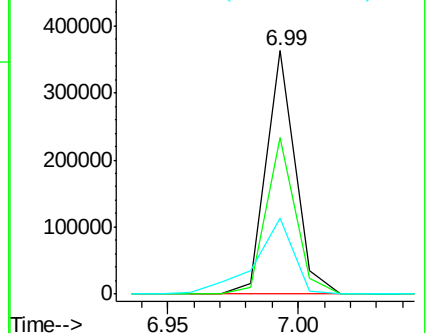
75 31.3 25.6 38.4

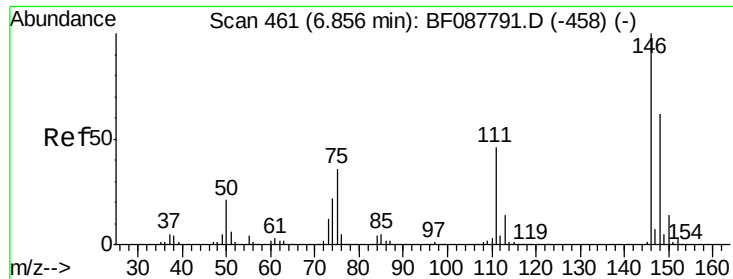


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

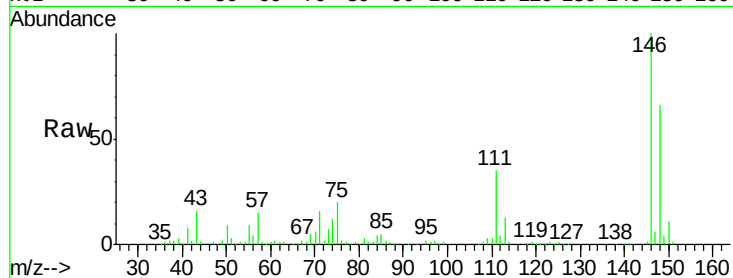




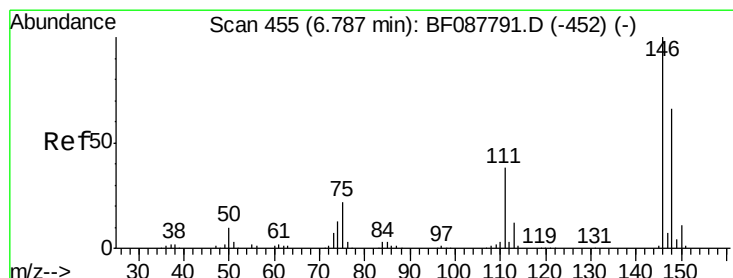
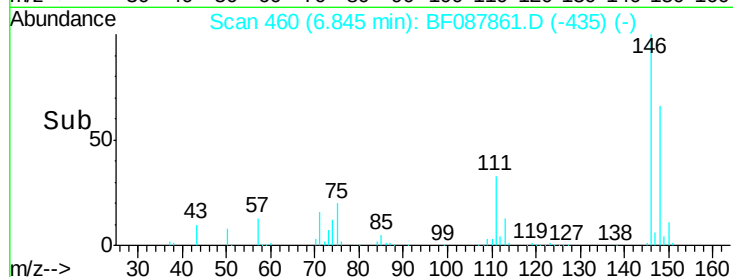
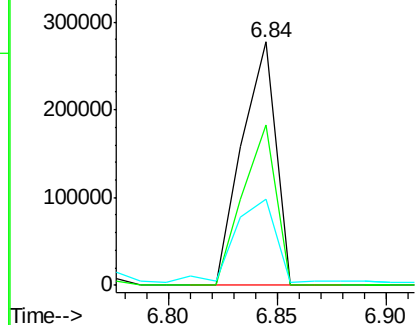
#13
 1,4-Dichlorobenzene
 Concen: 33.49 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

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

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

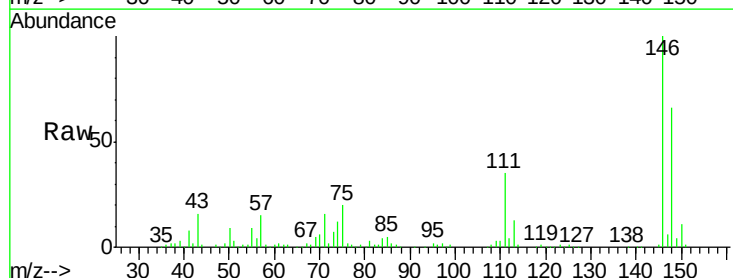


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

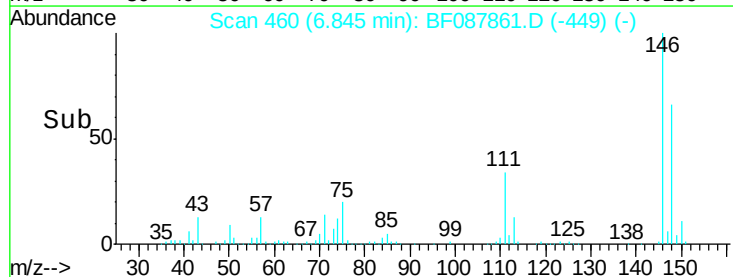
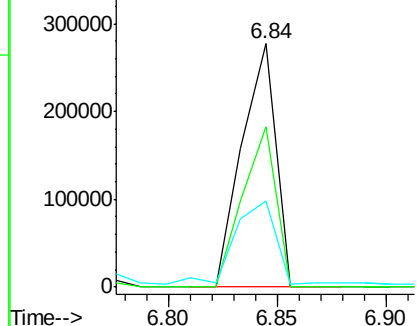


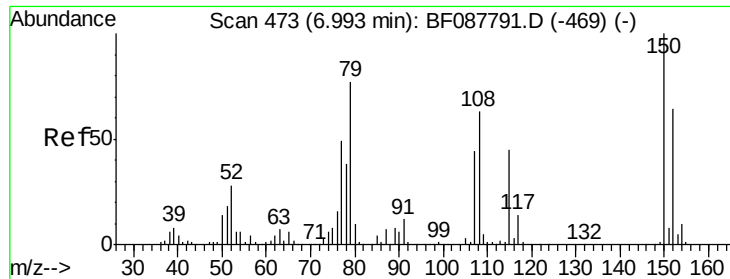
#14
 1,2-Dichlorobenzene
 Concen: 36.82 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.17 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

Tgt Ion:146 Resp: 300133
 Ion Ratio Lower Upper
 146 100
 148 66.1 52.3 78.5
 111 35.5 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

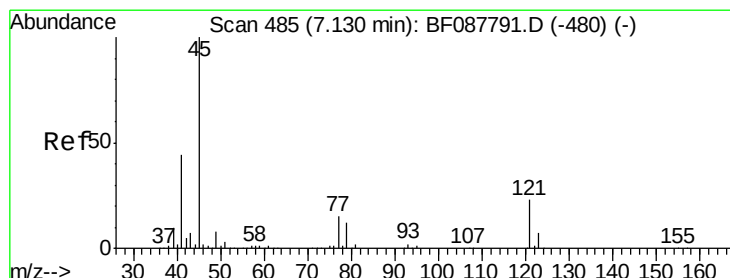
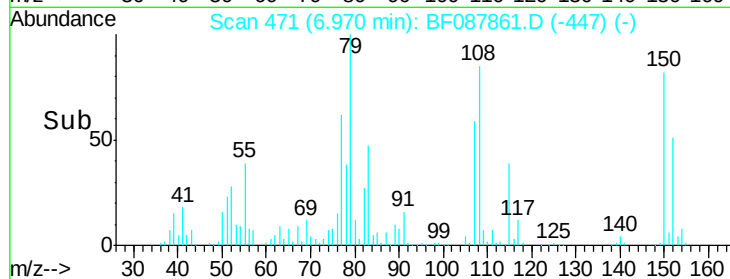
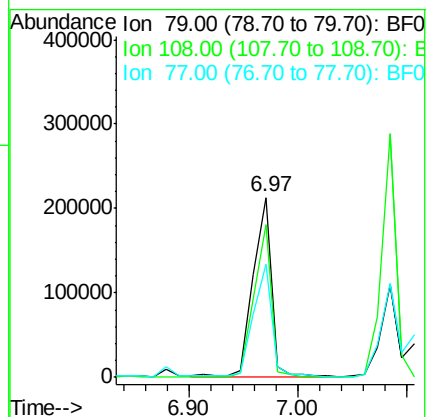
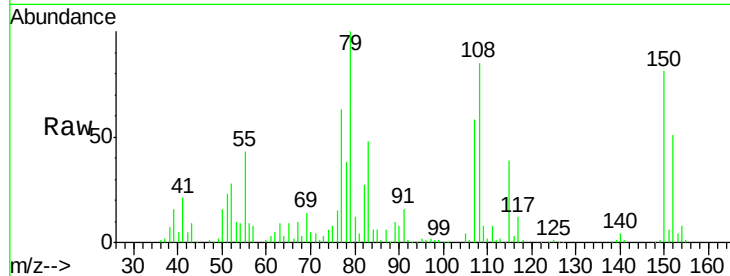
Tgt Ion: 79 Resp: 247831

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

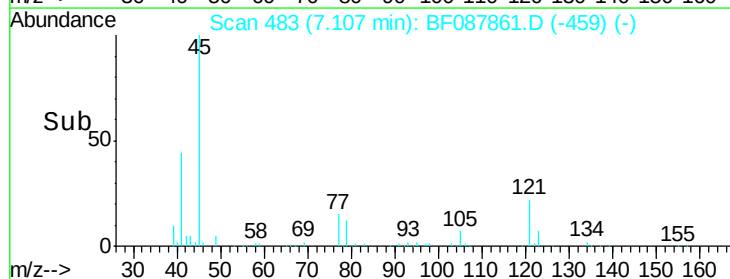
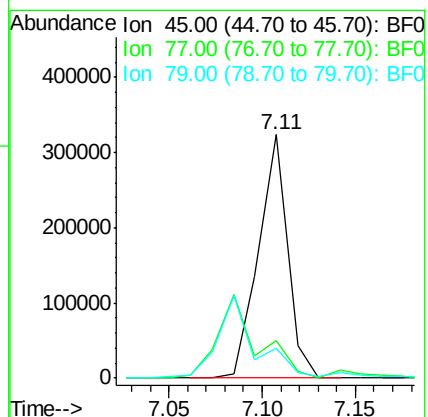
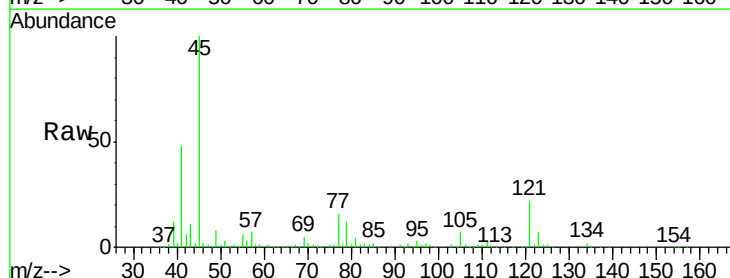
Tgt Ion: 45 Resp: 347778

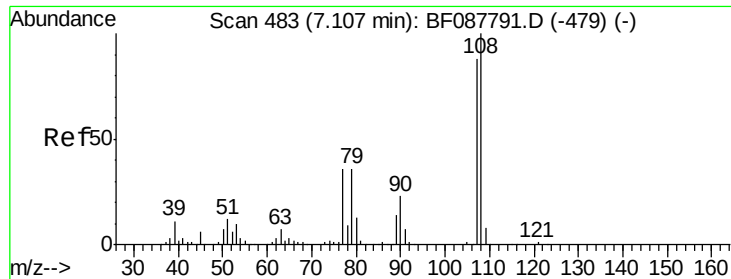
Ion Ratio Lower Upper

45 100

77 15.6 0.0 32.5

79 12.4 0.0 29.5

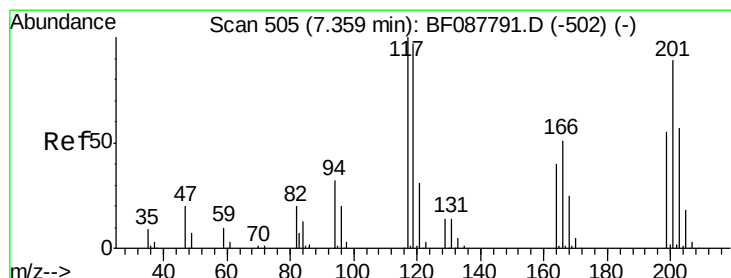
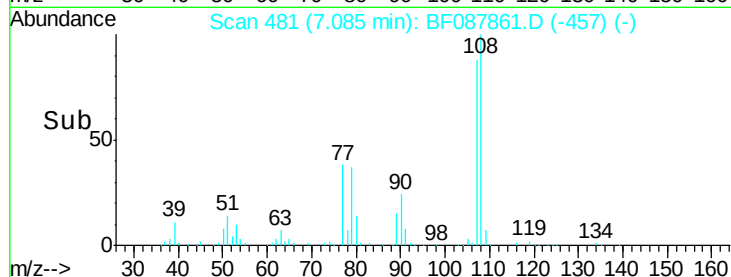
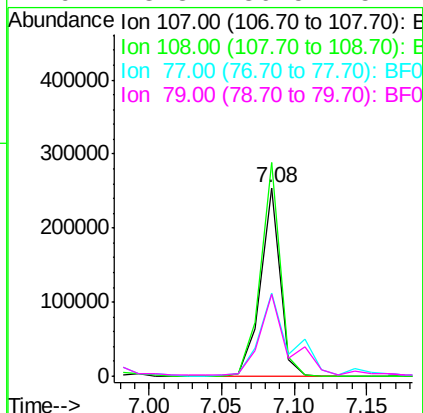
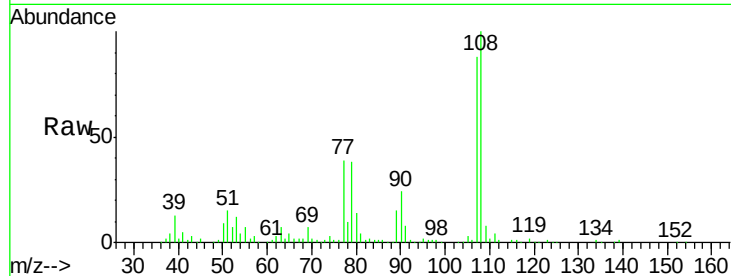




#17
2-Methylphenol
Concen: 35.09 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

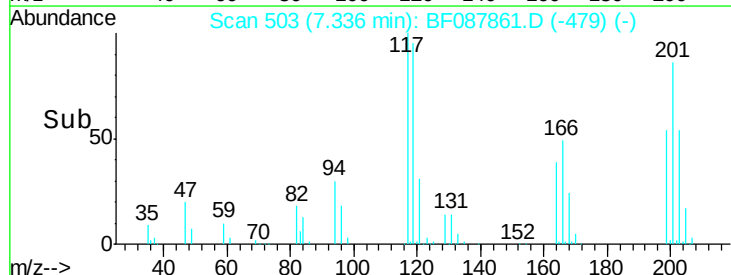
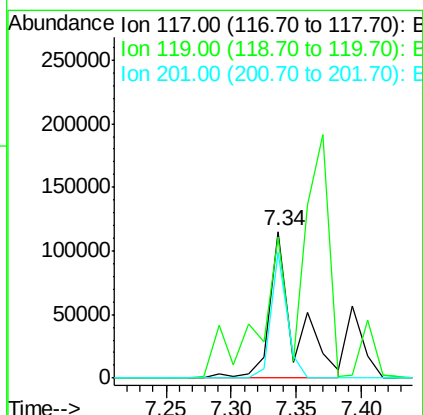
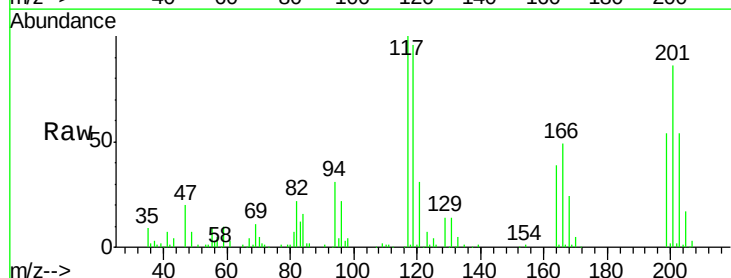
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

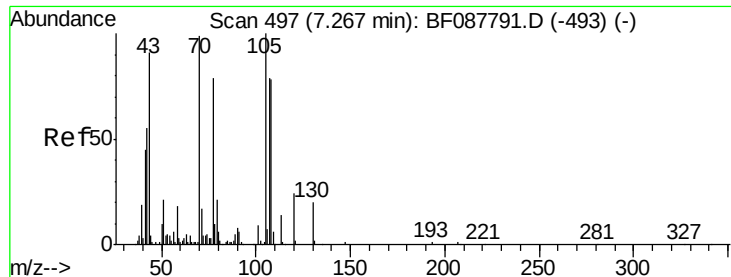
Tgt Ion:107 Resp: 235973
Ion Ratio Lower Upper
107 100
108 113.4 90.9 136.3
77 44.0 36.6 55.0
79 43.3 36.5 54.7



#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

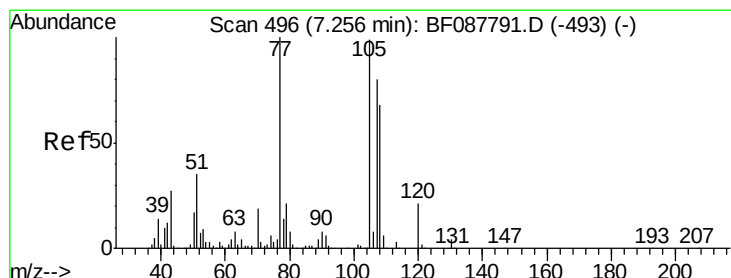
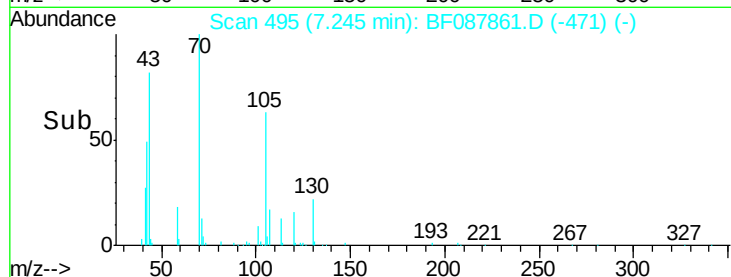
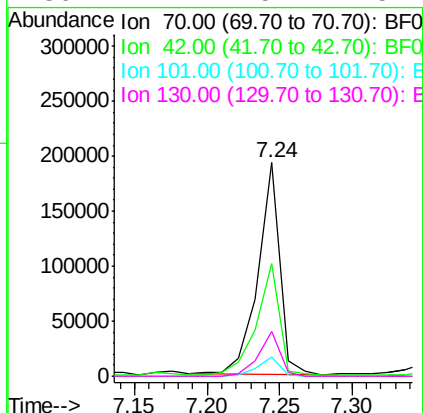
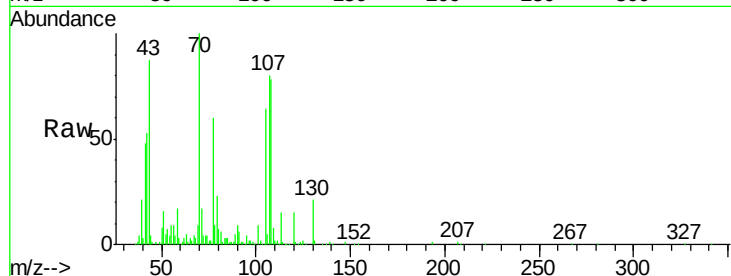




#19
n-Nitroso-di-n-propylamine
Concen: 37.18 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

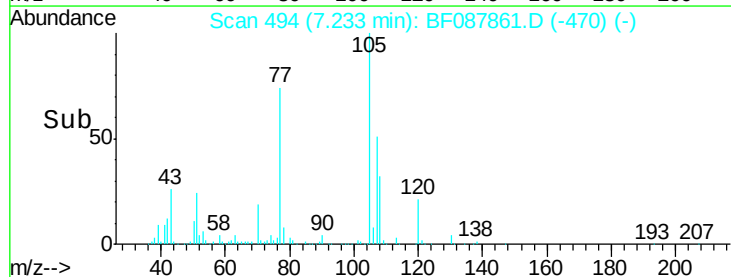
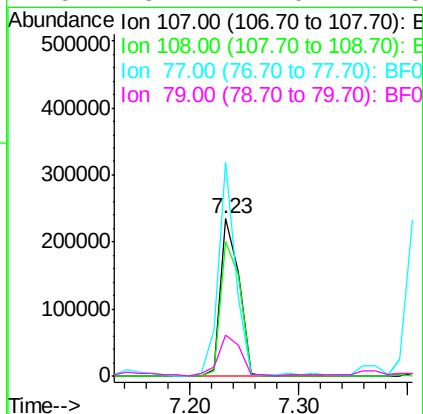
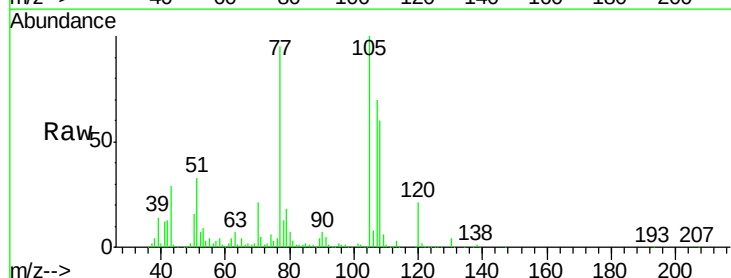
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

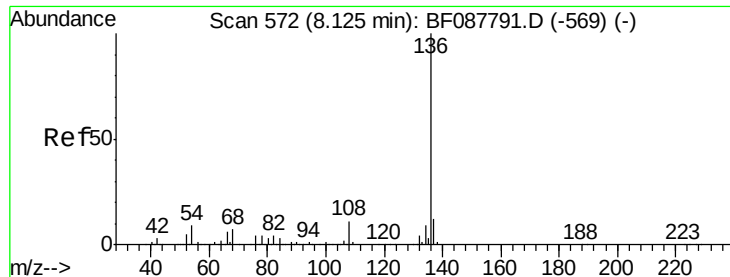
Tgt Ion:	70	Resp:	201968
Ion	Ratio	Lower	Upper
70	100		
42	52.7	49.6	74.4
101	9.2	7.1	10.7
130	21.1	15.4	23.2



#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

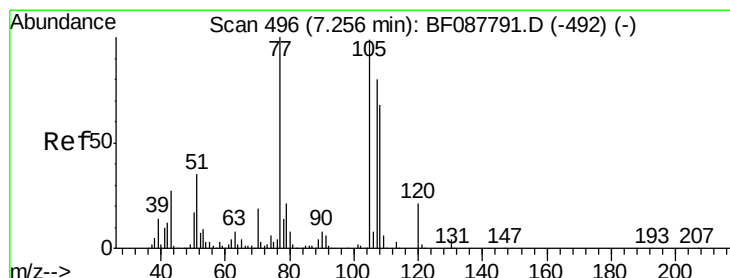
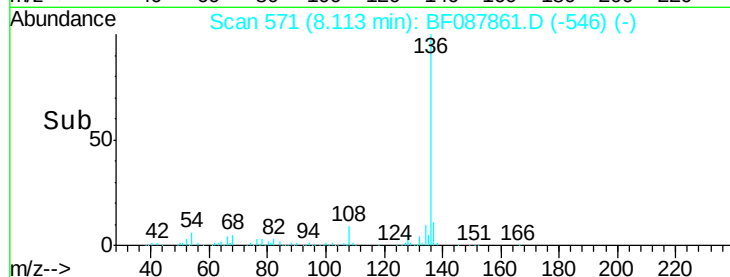
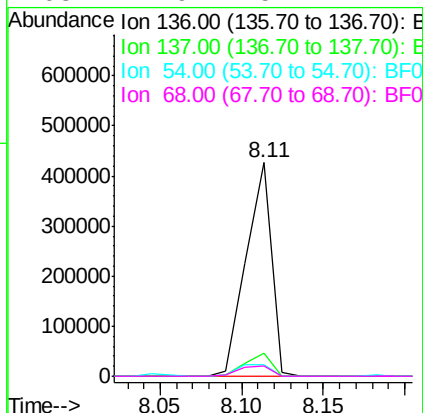
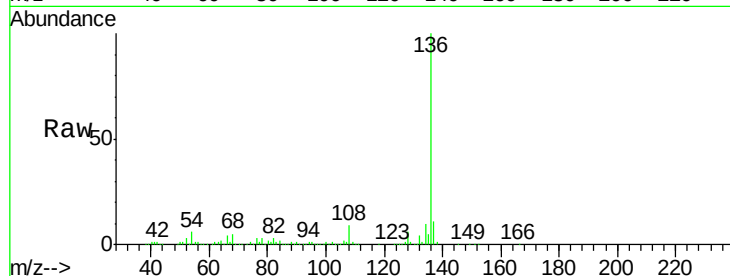




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

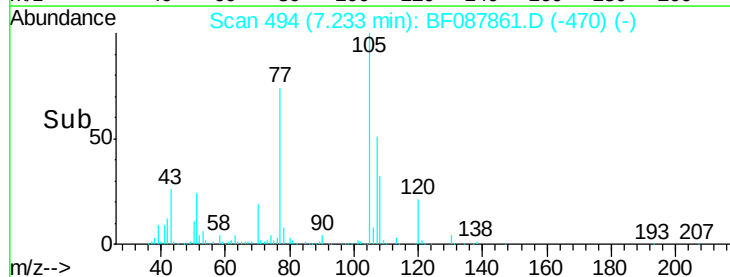
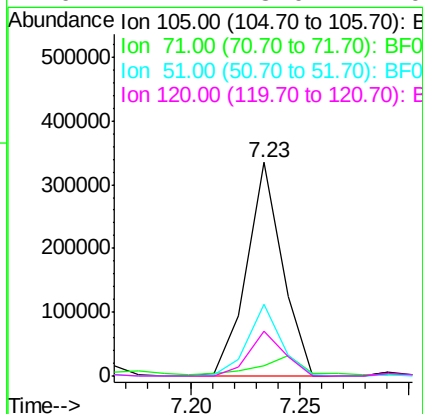
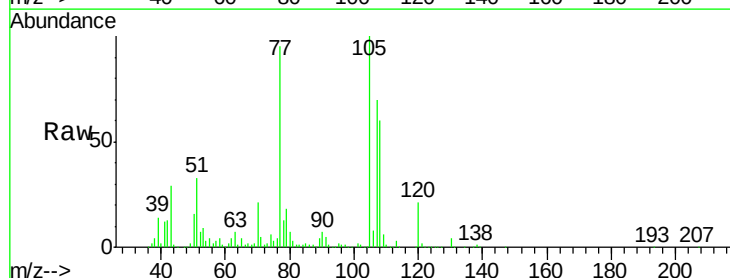
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

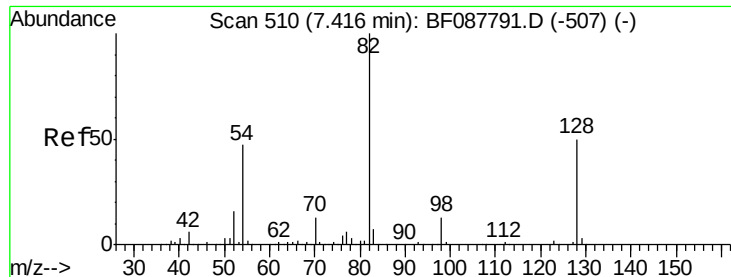
Tgt Ion:	136	Resp:	460251
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.6	6.6	10.0#
68	4.9	5.1	7.7#



#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

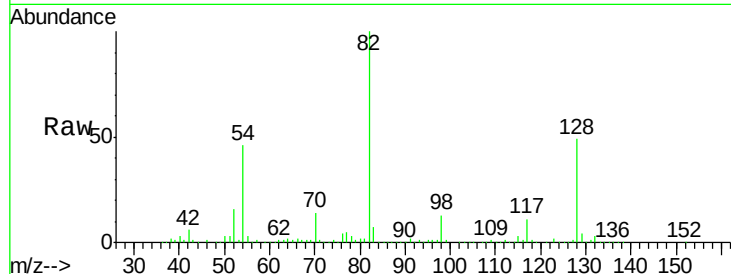




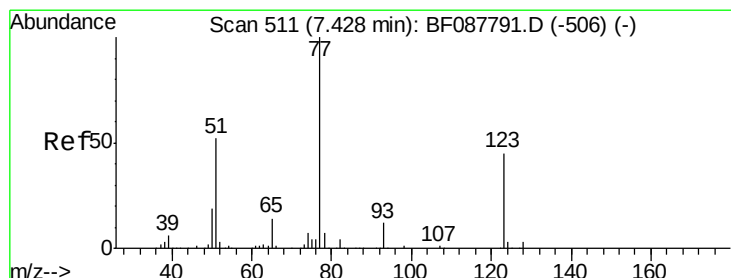
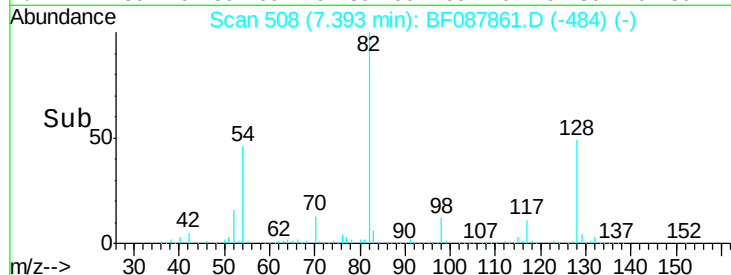
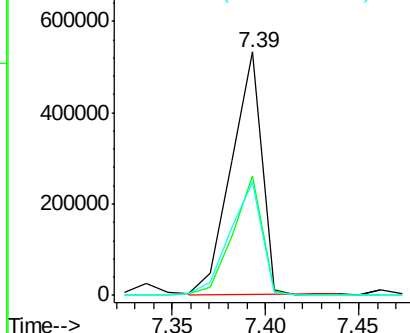
#23
 Nitrobenzene-d5
 Concen: 76.62 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

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

Tgt Ion: 82 Resp: 603892
 Ion Ratio Lower Upper
 82 100
 128 49.3 35.9 53.9
 54 46.4 40.9 61.3

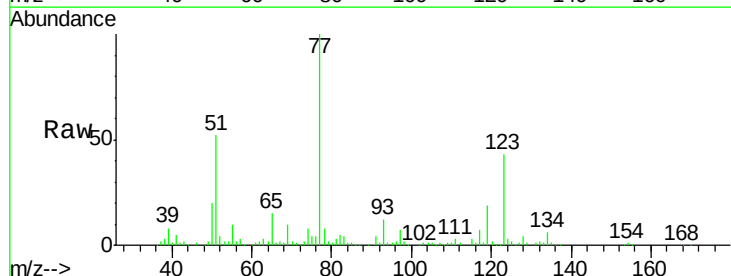


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

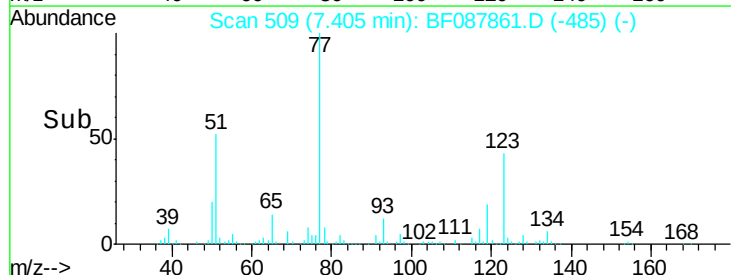
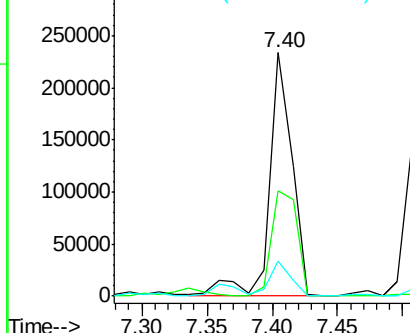


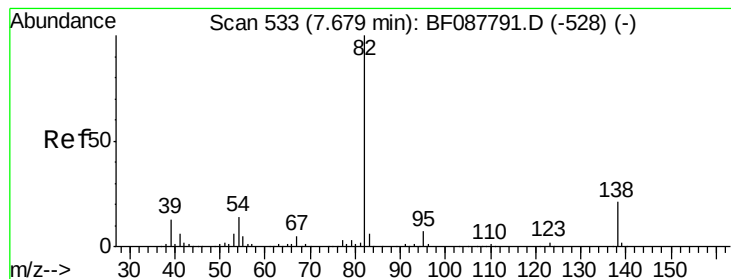
#24
 Nitrobenzene
 Concen: 37.29 ng
 RT: 7.40 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

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): B
 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

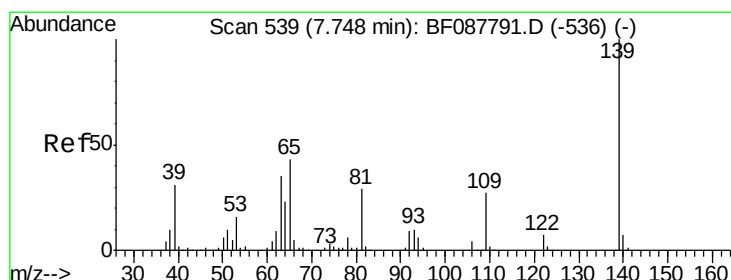
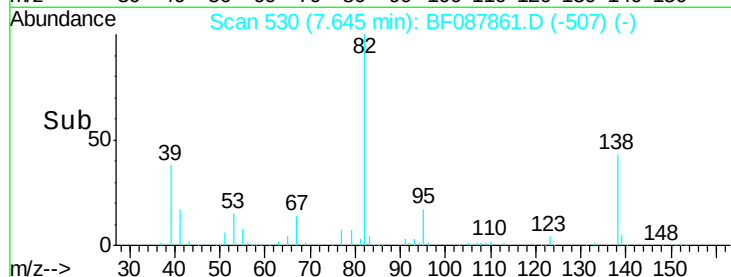
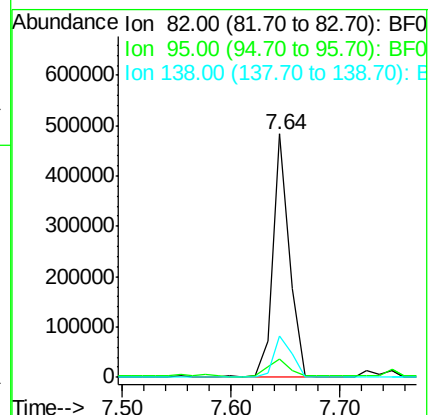
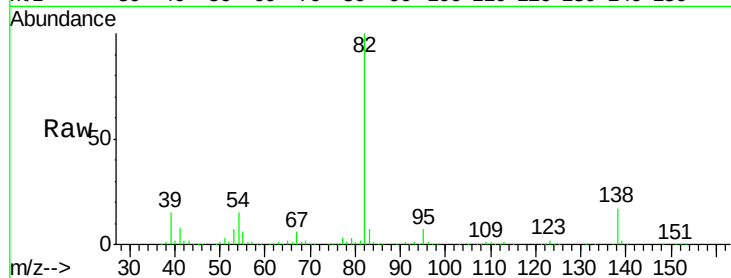
Tgt Ion: 82 Resp: 504505

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

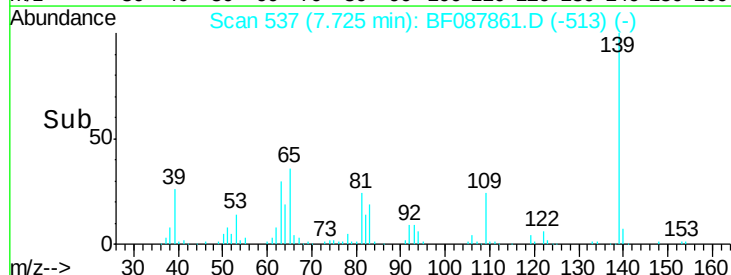
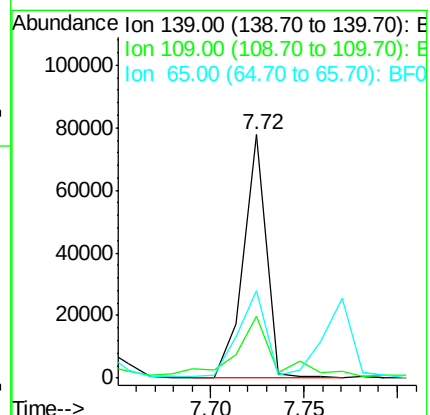
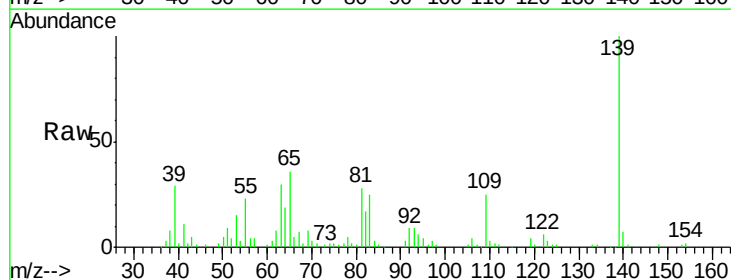
Tgt Ion: 139 Resp: 67103

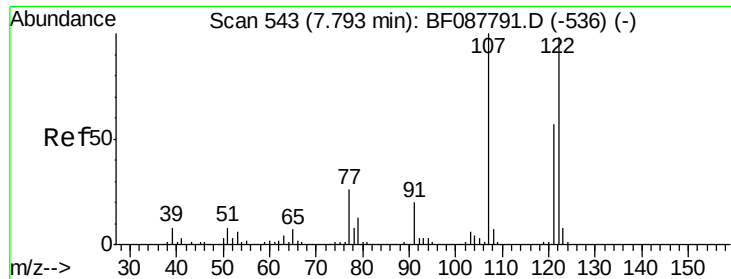
Ion Ratio Lower Upper

139 100

109 25.4 23.0 34.4

65 36.1 45.8 68.8#

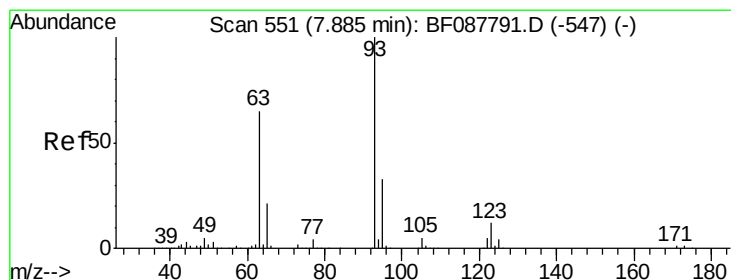
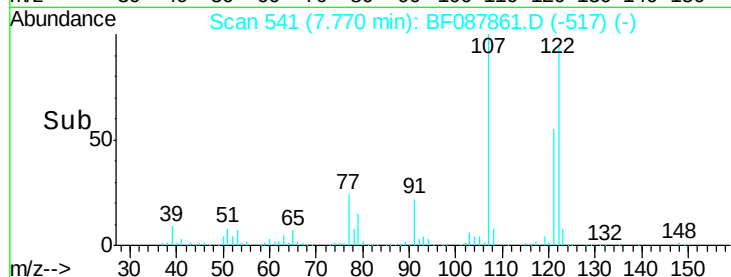
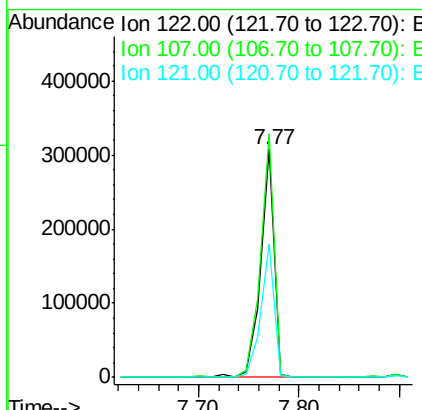
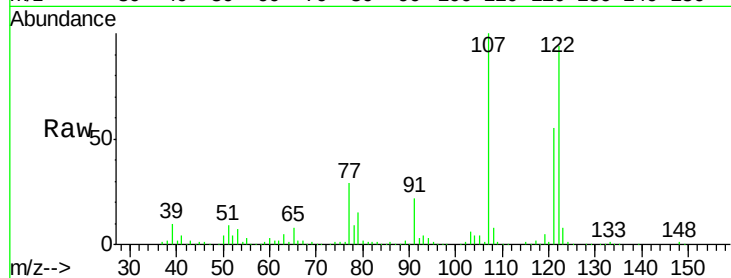




#27
 2,4-Dimethylphenol
 Concen: 38.30 ng
 RT: 7.77 min Scan# 541
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

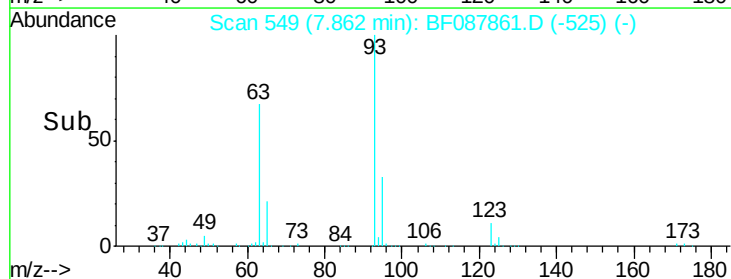
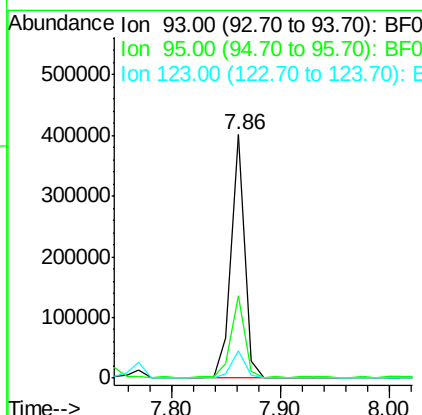
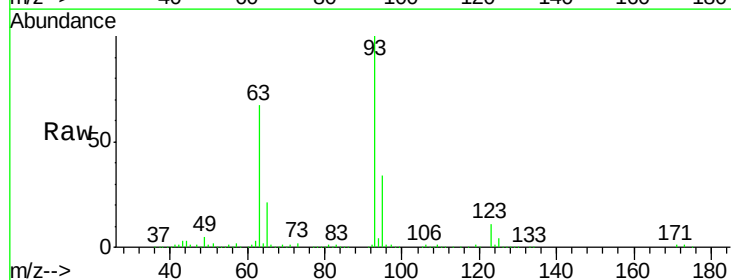
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

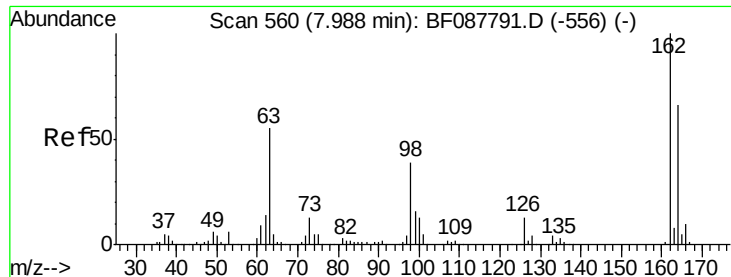
Tgt Ion:122 Resp: 288389
 Ion Ratio Lower Upper
 122 100
 107 106.8 82.4 123.6
 121 58.9 46.3 69.5



#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#

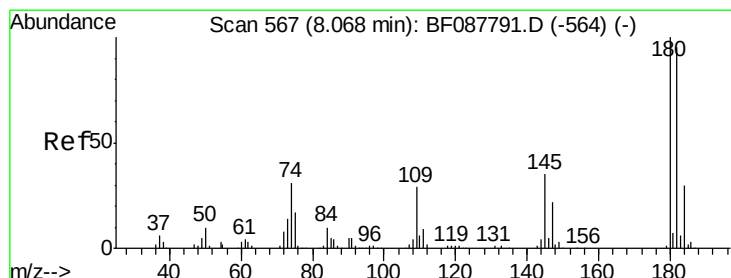
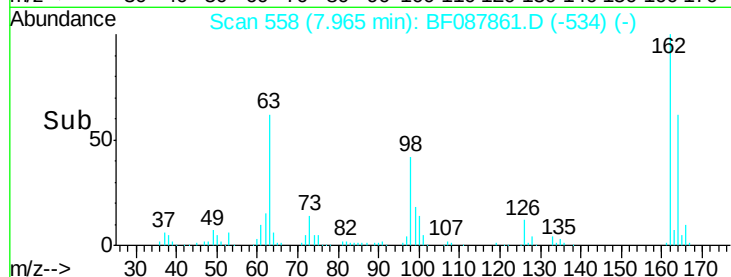
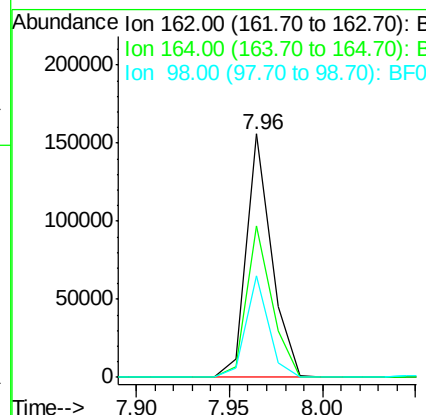
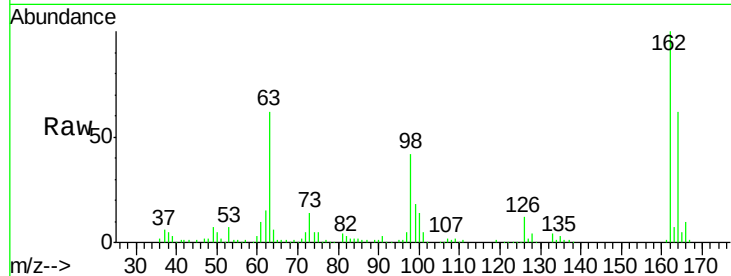




#29
 2,4-Dichlorophenol
 Concen: 23.46 ng
 RT: 7.96 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

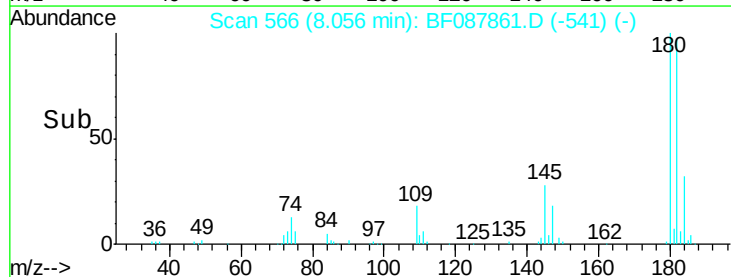
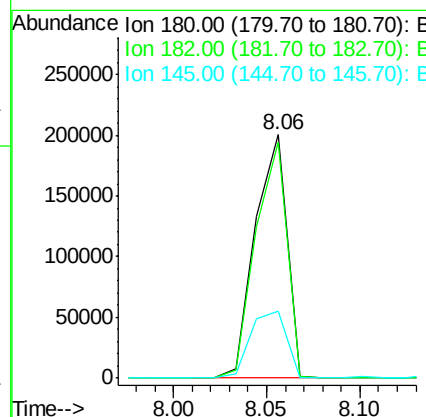
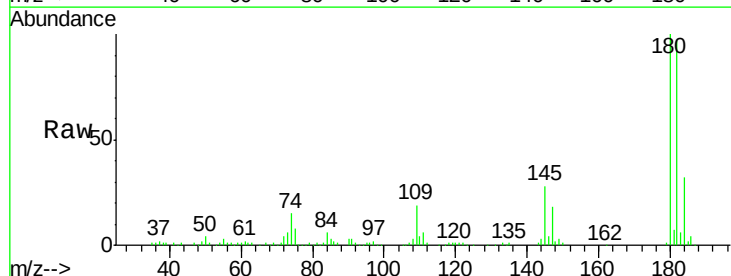
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

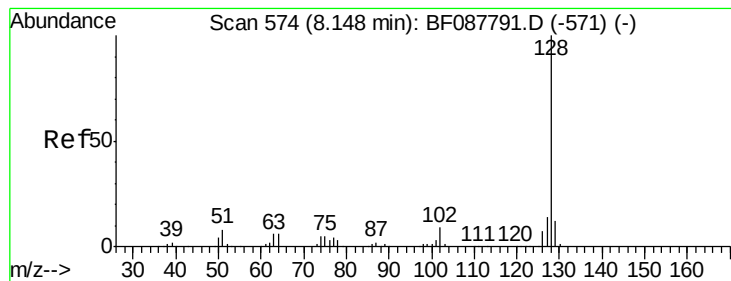
Tgt Ion:162 Resp: 147488
 Ion Ratio Lower Upper
 162 100
 164 62.4 43.8 83.8
 98 41.9 21.3 61.3



#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





#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

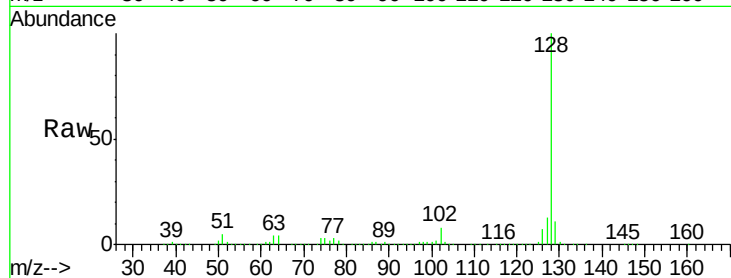
Tgt Ion:128 Resp: 837601

Ion Ratio Lower Upper

128 100

129 11.0 9.4 14.2

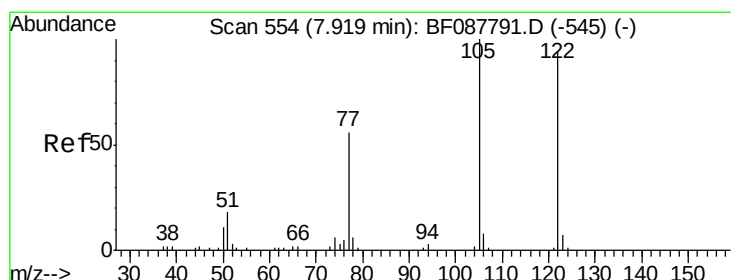
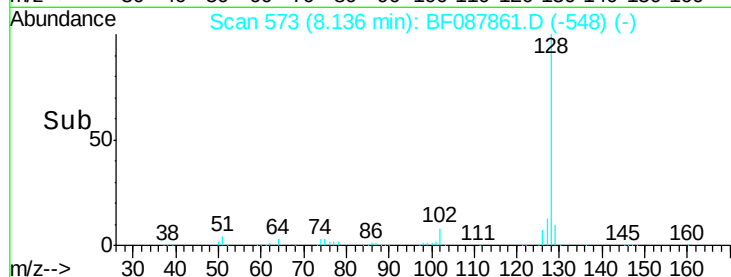
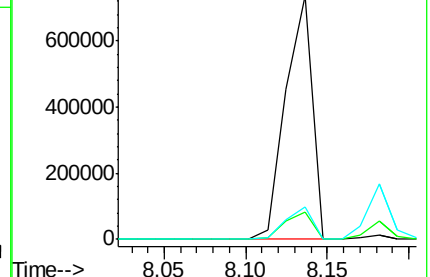
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 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

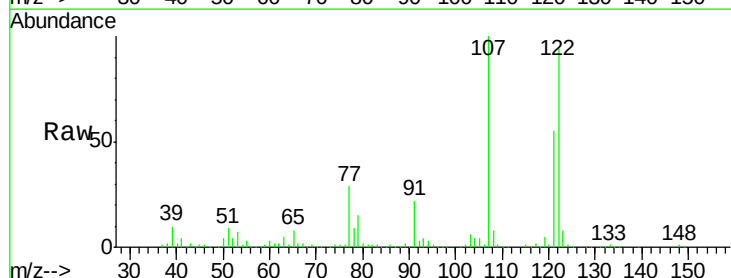
Tgt Ion:122 Resp: 288389

Ion Ratio Lower Upper

122 100

105 4.1 101.6 141.6#

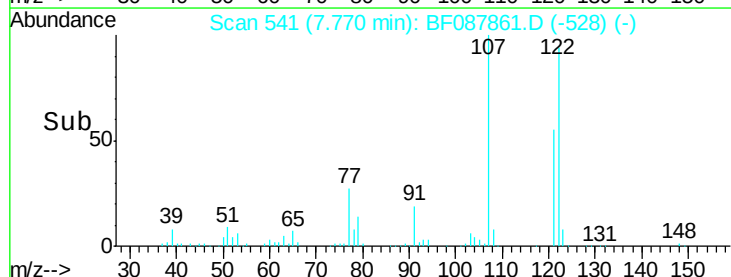
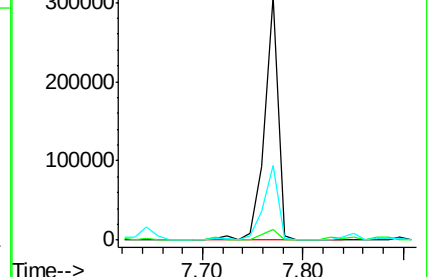
77 30.6 70.6 110.6#

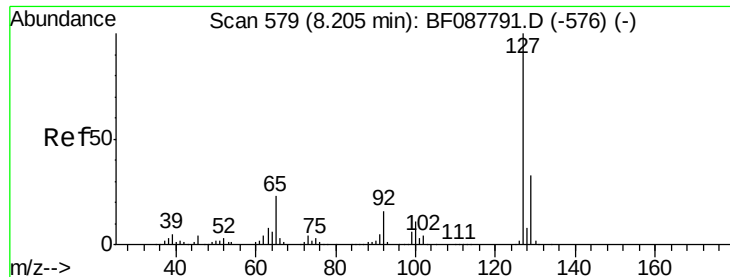


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

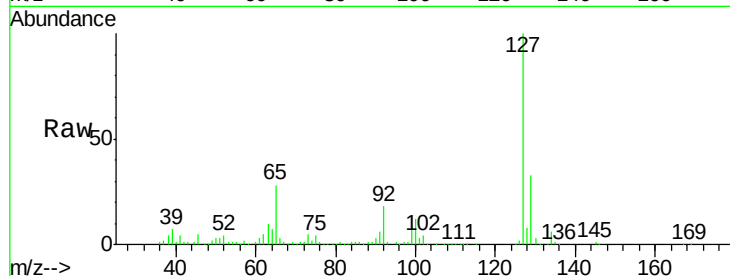




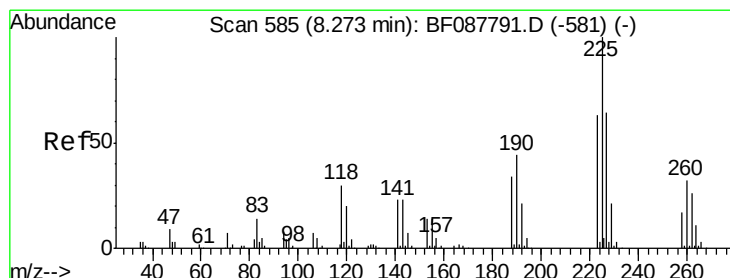
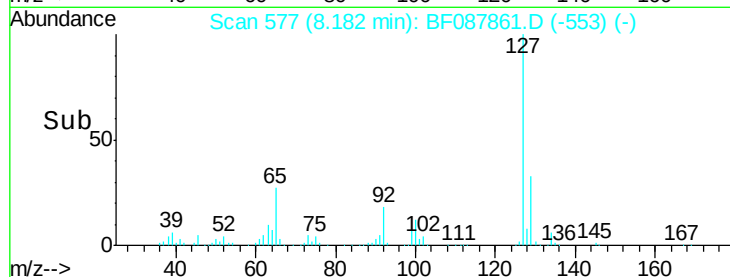
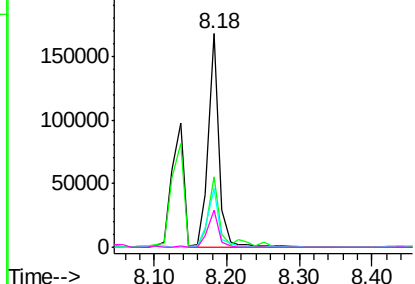
#33
4-Chloroaniline
Concen: 17.17 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

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

Tgt 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

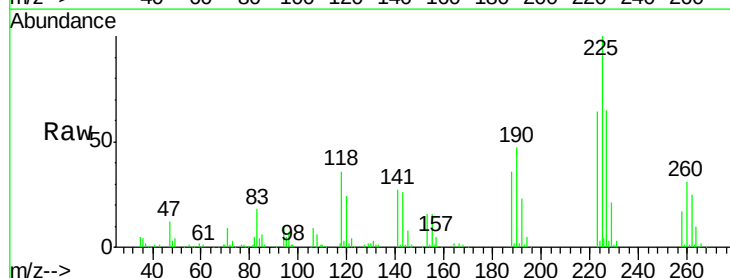


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

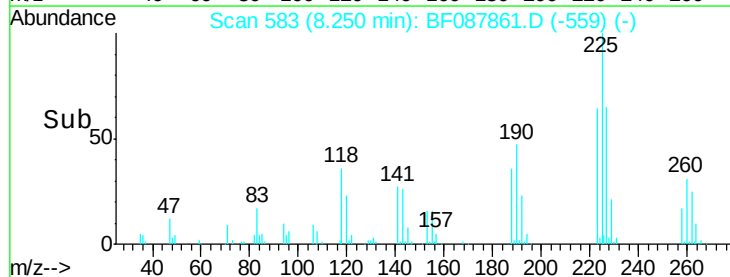
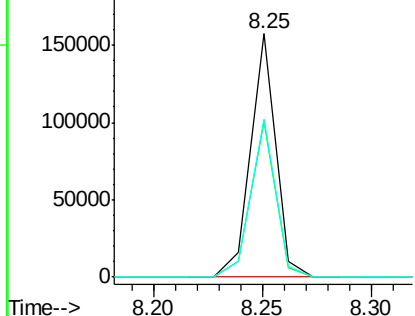


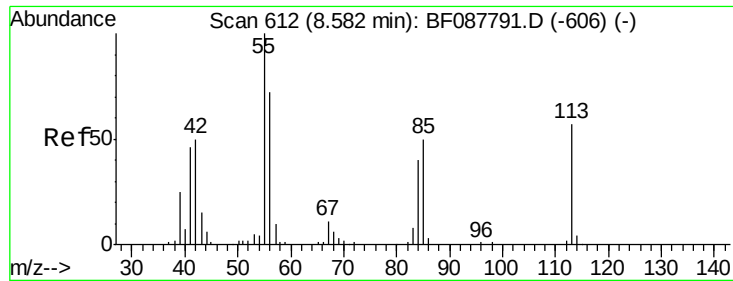
#34
Hexachlorobutadiene
Concen: 34.91 ng
RT: 8.25 min Scan# 583
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

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

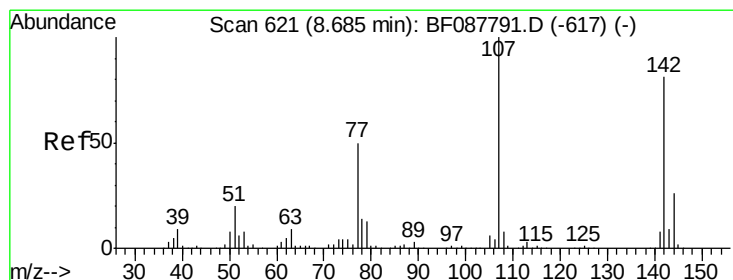
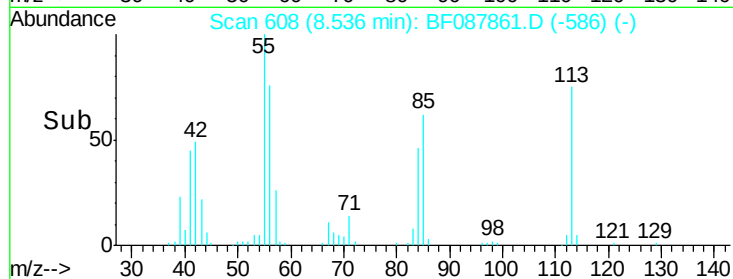
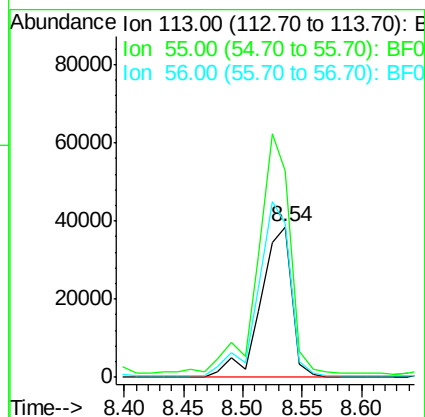
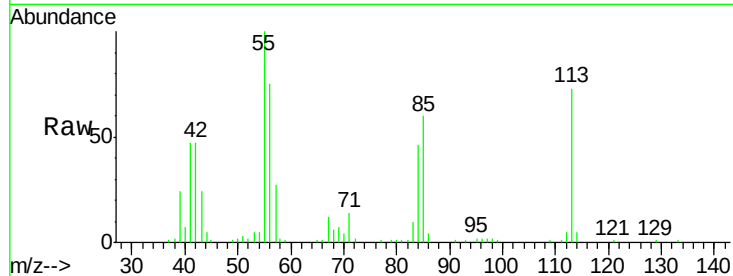




#35
 Caprolactam
 Concen: 33.79 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

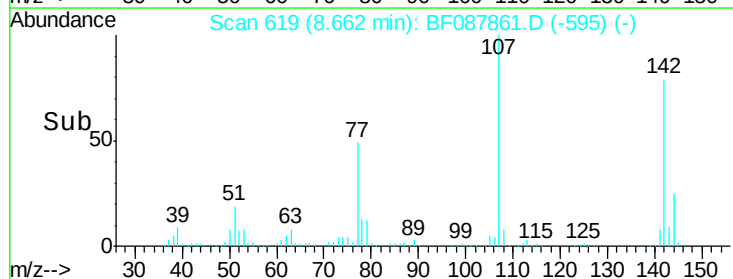
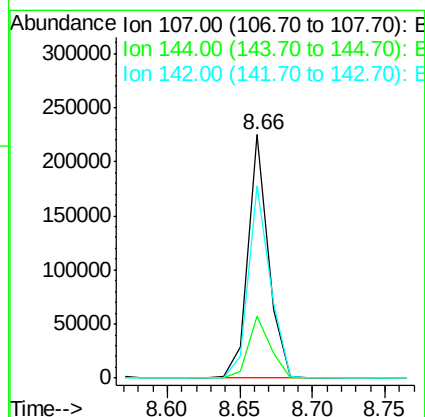
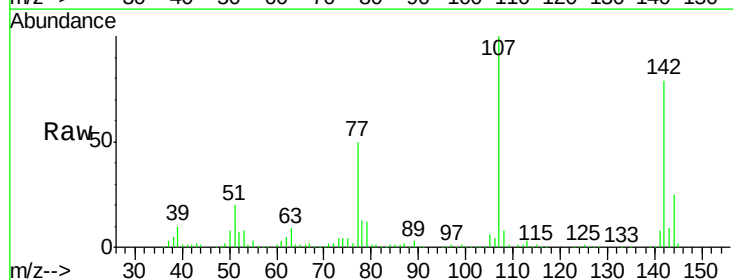
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

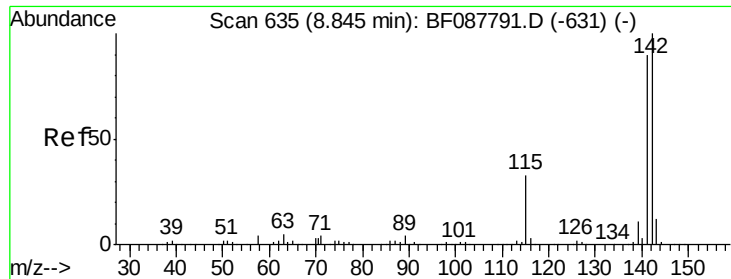
Tgt Ion:113 Resp: 70375
 Ion Ratio Lower Upper
 113 100
 55 137.6 158.6 198.6#
 56 102.5 110.6 150.6#



#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

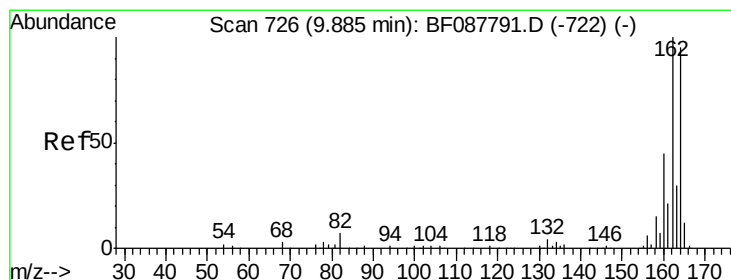
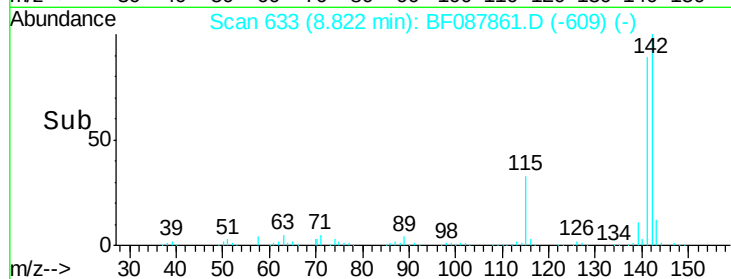
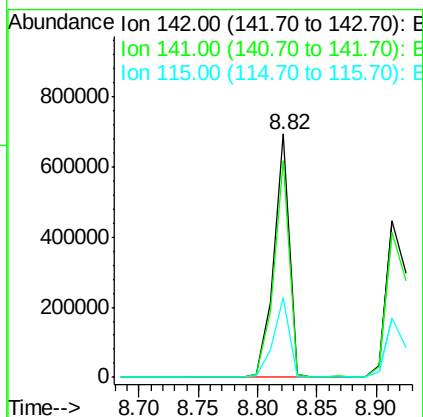
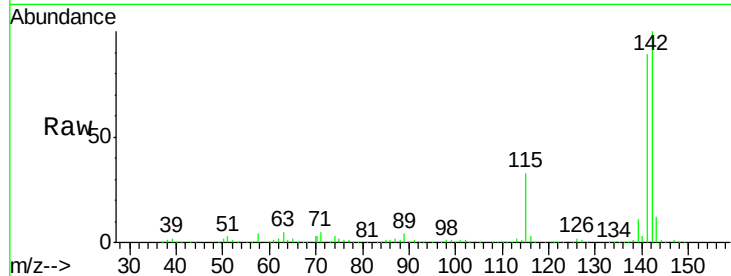




#37
 2-Methylnaphthalene
 Concen: 42.35 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

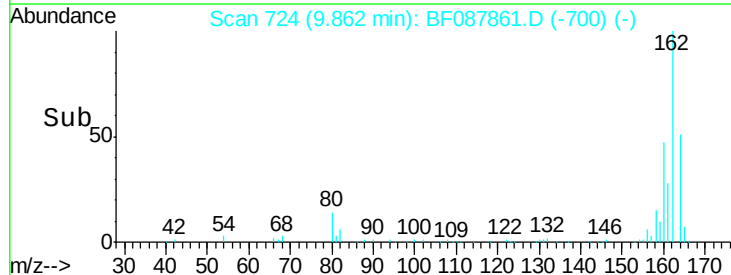
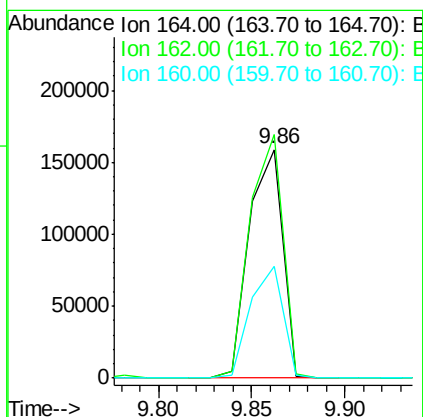
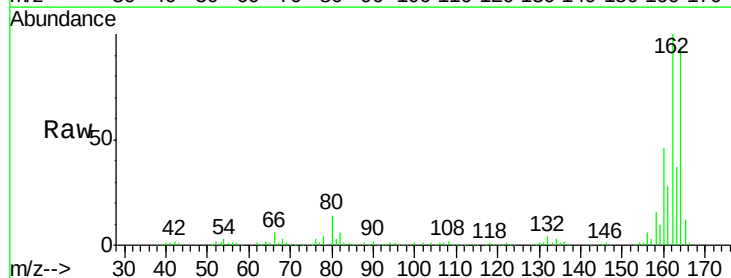
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

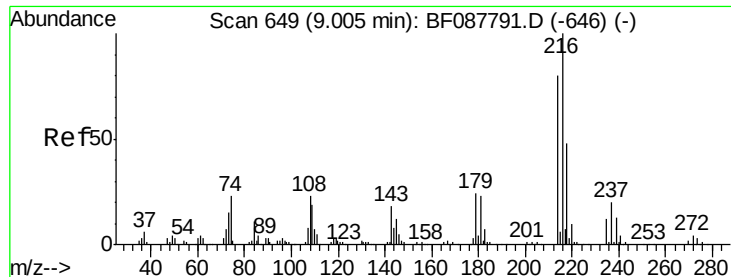
Tgt Ion:142 Resp: 635824
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.0 106.6
 115 32.6 22.6 33.8



#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





#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

Tgt Ion:216 Resp: 199679

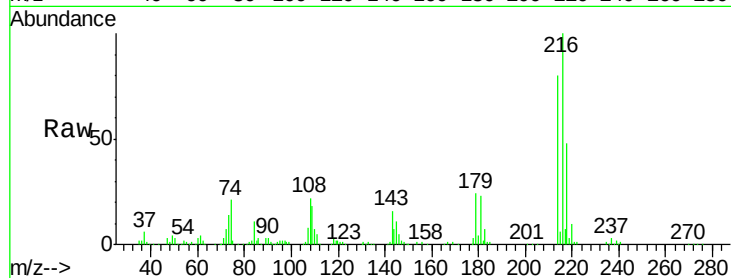
Ion Ratio Lower Upper

216 100

214 78.6 2.9 4.3#

179 22.6 0.0 0.0#

108 19.9 0.5 0.7#

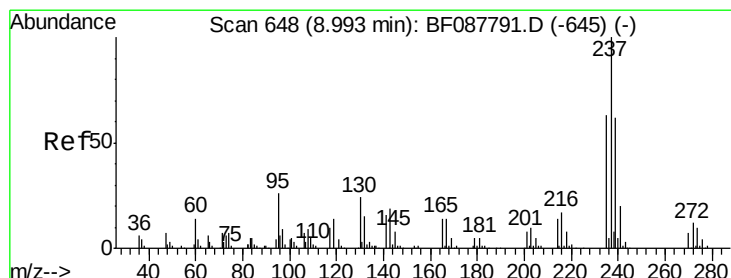
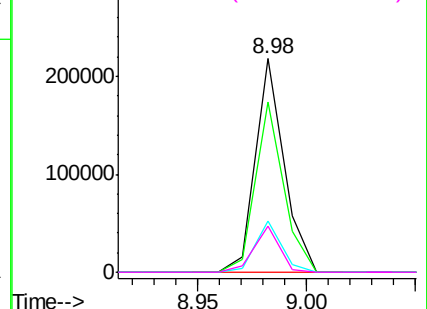
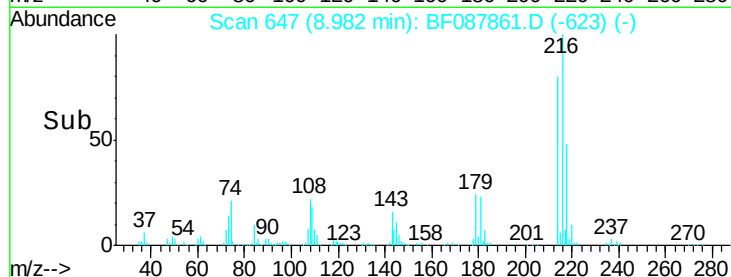


Abundance Ion 216.00 (215.70 to 216.70): E

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

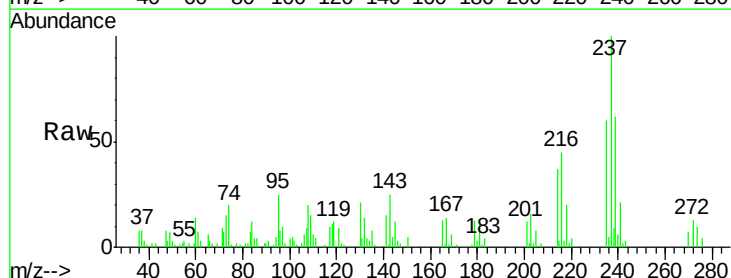
Tgt Ion:237 Resp: 31450

Ion Ratio Lower Upper

237 100

235 59.9 43.4 83.4

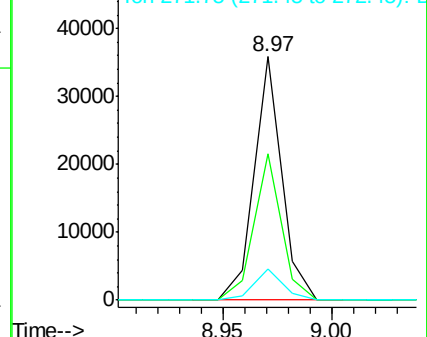
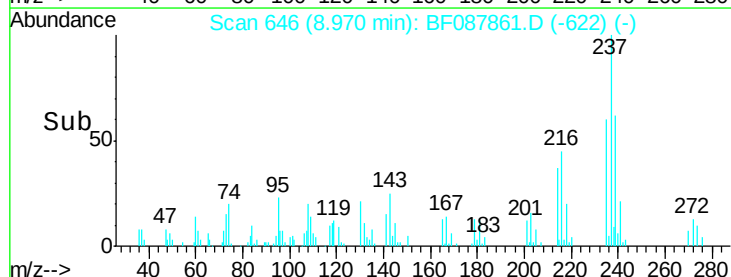
272 12.7 0.0 32.3

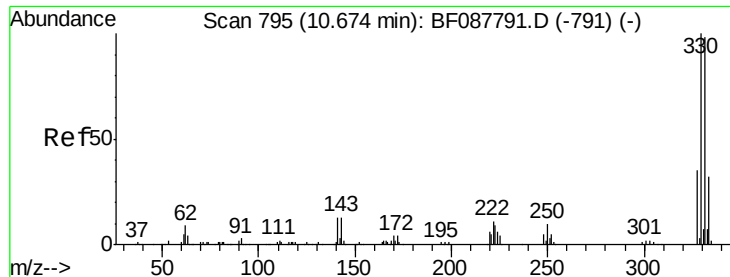


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

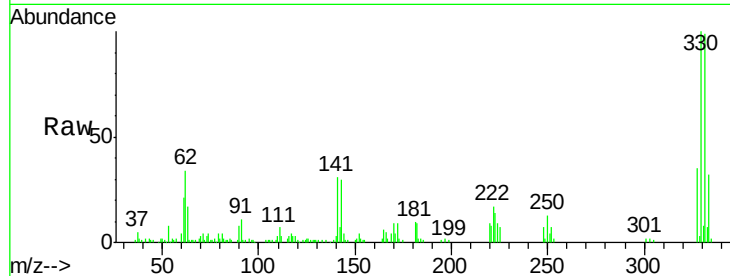




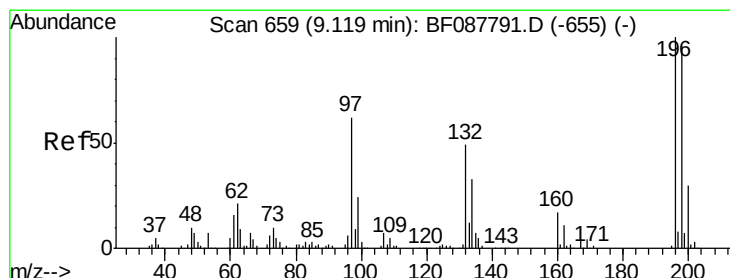
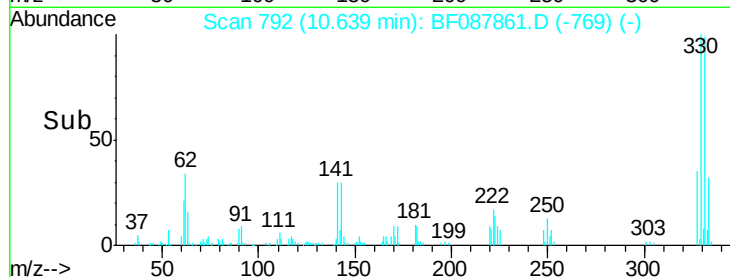
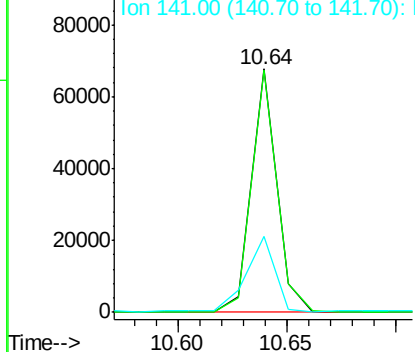
#41
 2,4,6-Tribromophenol
 Concen: 26.29 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

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

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

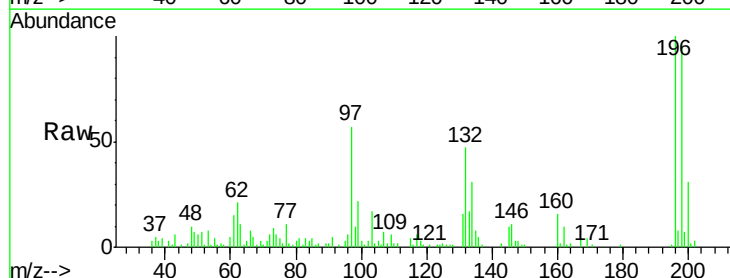


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

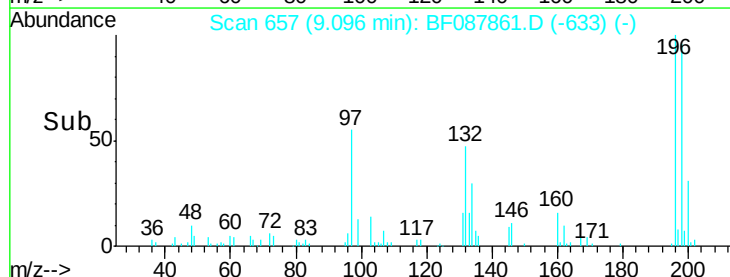
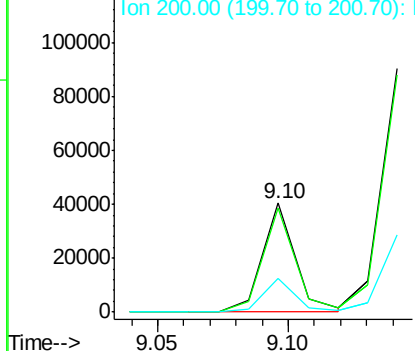


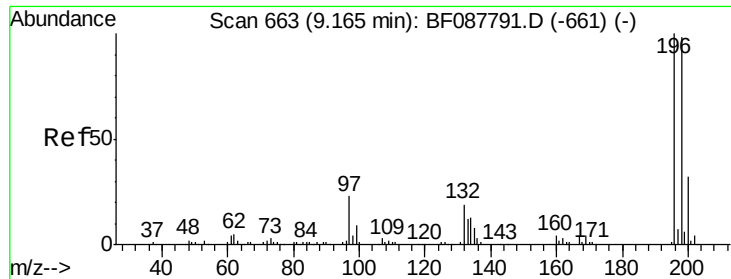
#42
 2,4,6-Trichlorophenol
 Concen: 8.89 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

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

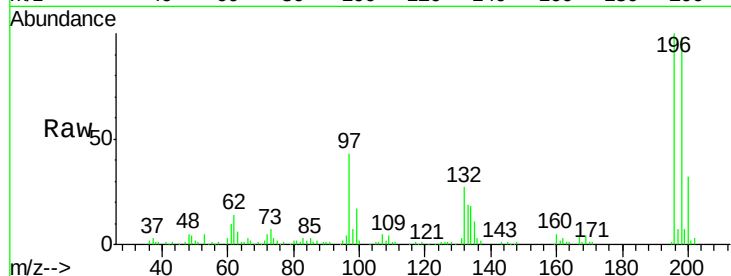




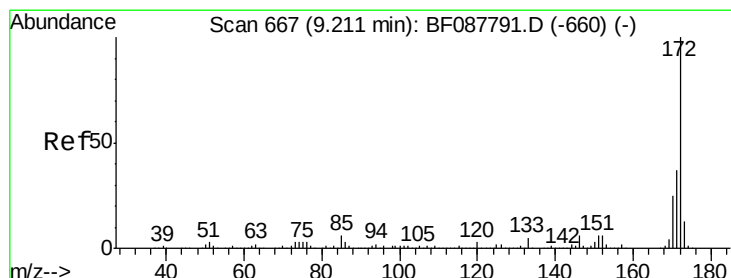
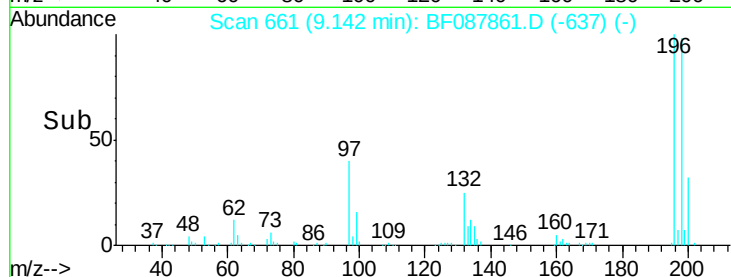
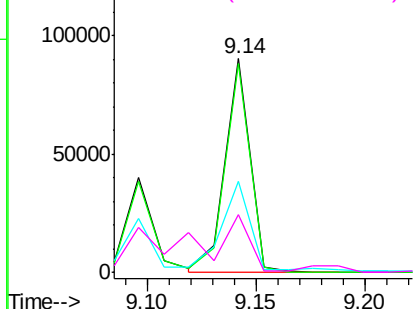
#43
 2,4,5-Trichlorophenol
 Concen: 17.35 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

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

Tgt 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

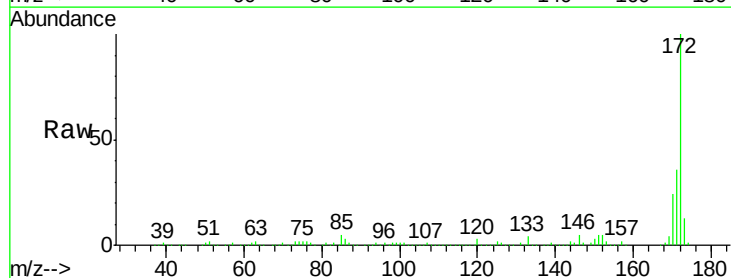


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

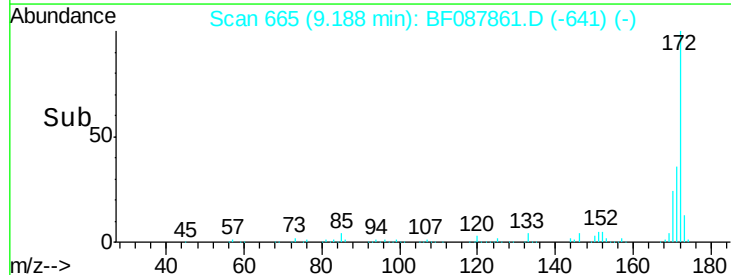
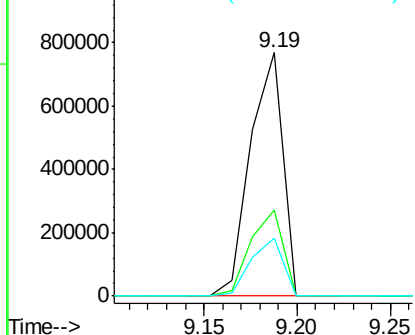


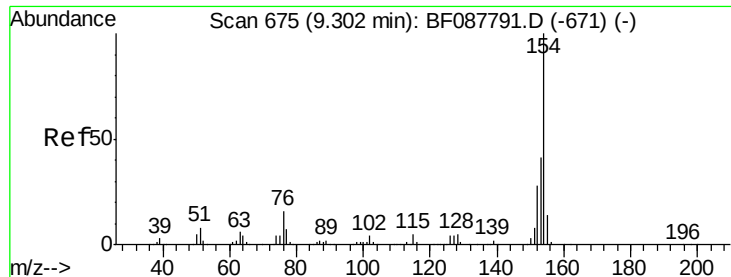
#44
 2-Fluorobiphenyl
 Concen: 72.53 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

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

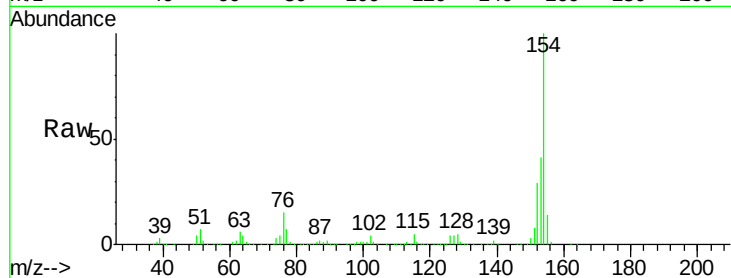
Tgt Ion:154 Resp: 560148

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

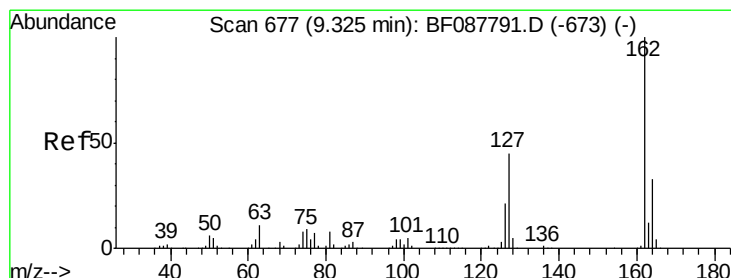
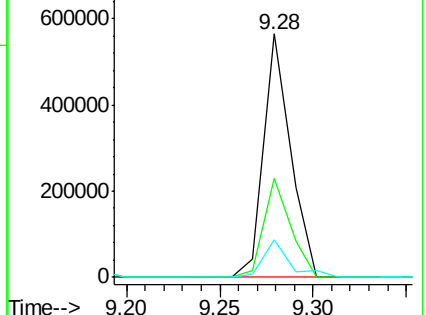
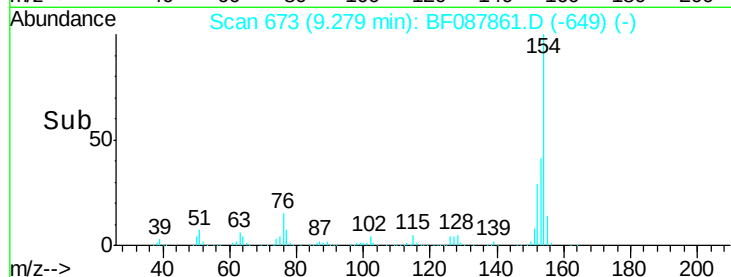
76 15.2 0.0 35.1



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

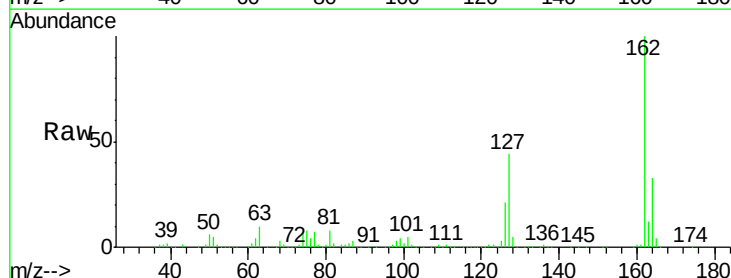
Tgt Ion:162 Resp: 438989

Ion Ratio Lower Upper

162 100

127 43.8 35.2 52.8

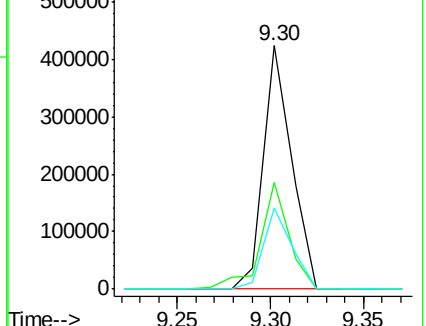
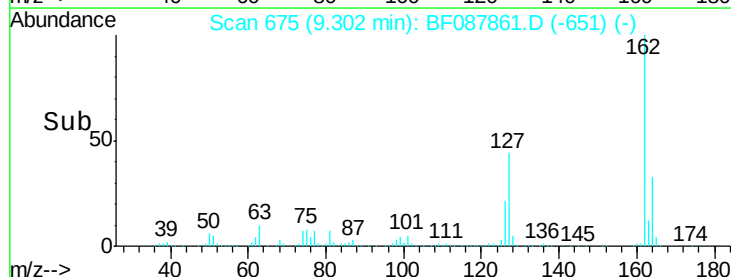
164 33.1 26.6 39.8

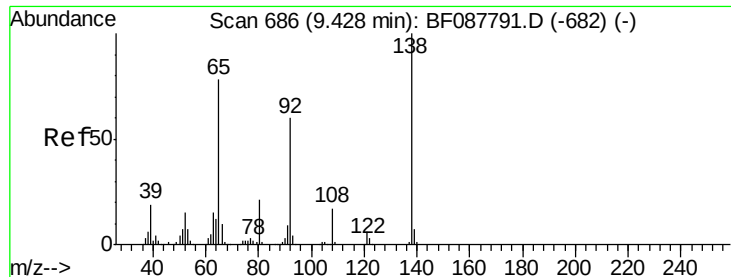


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

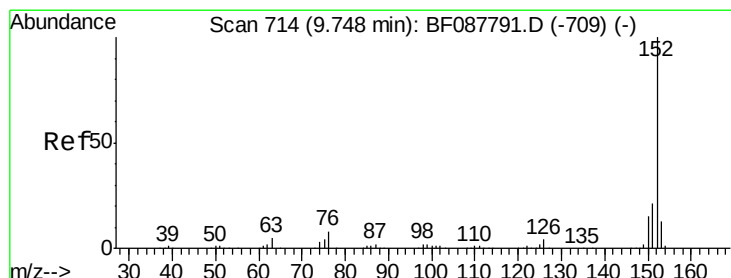
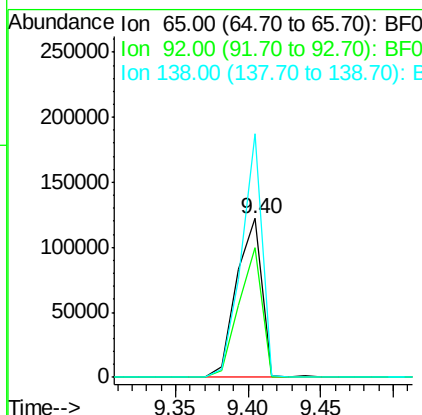
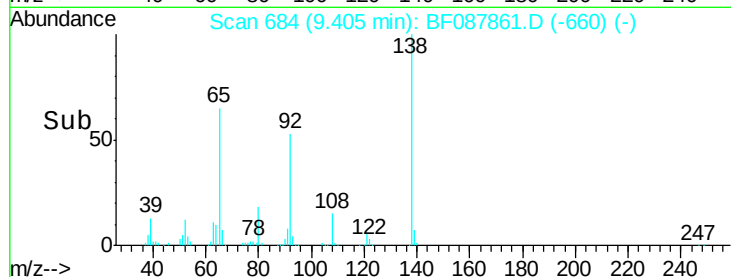
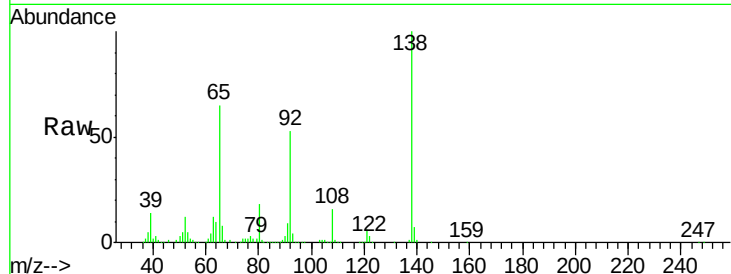




#47
 2-Nitroaniline
 Concen: 39.31 ng
 RT: 9.40 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

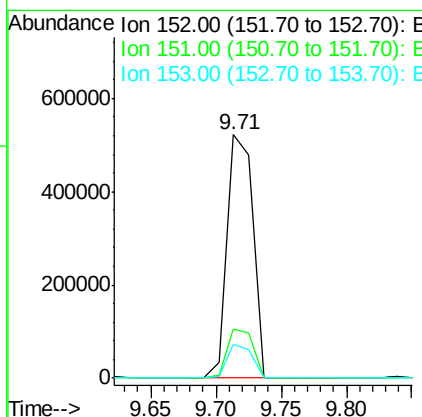
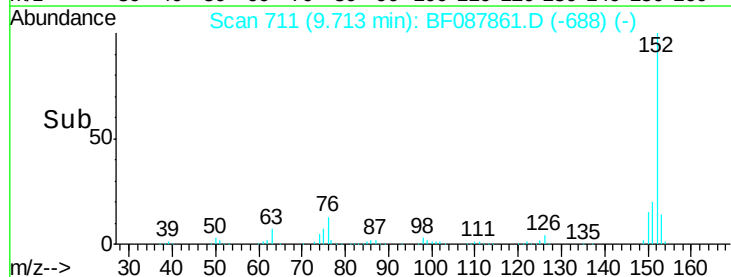
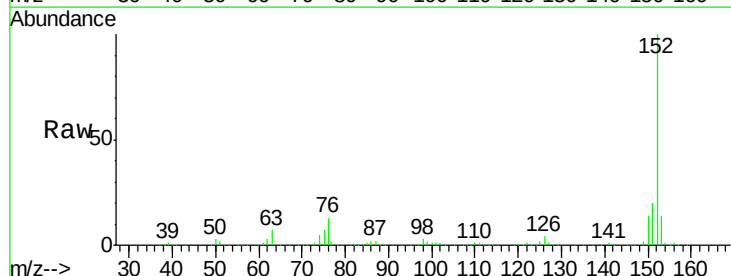
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

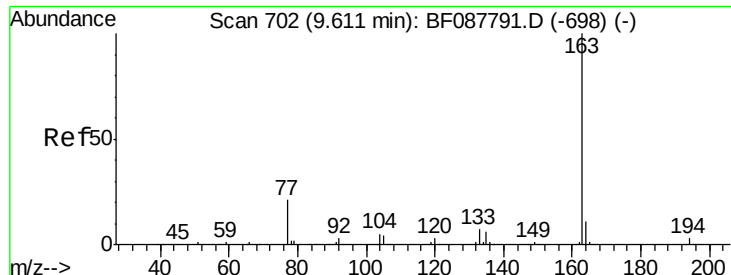
Tgt Ion: 65 Resp: 148304
 Ion Ratio Lower Upper
 65 100
 92 81.9 54.6 82.0
 138 153.5 77.0 115.4#



#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

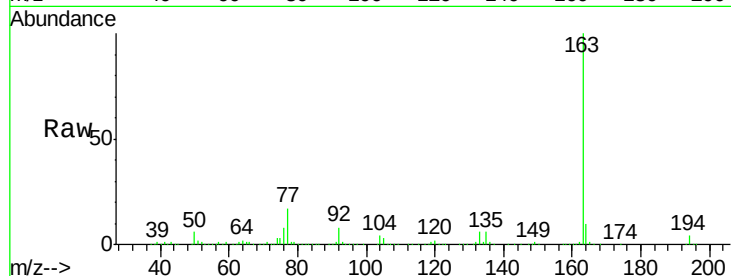
Tgt Ion:163 Resp: 712582

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

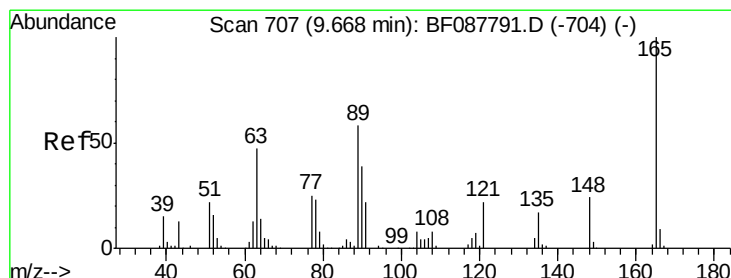
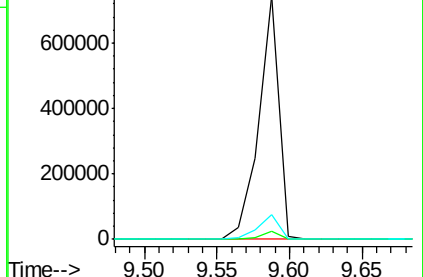
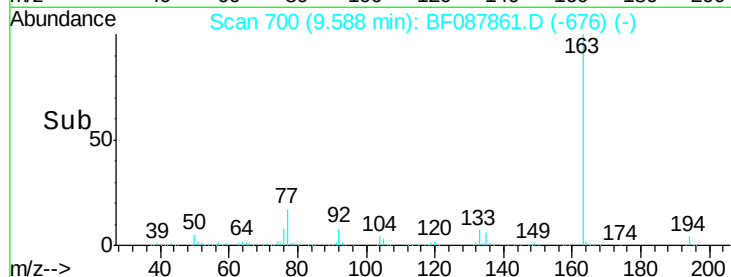
164 10.2 8.3 12.5



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

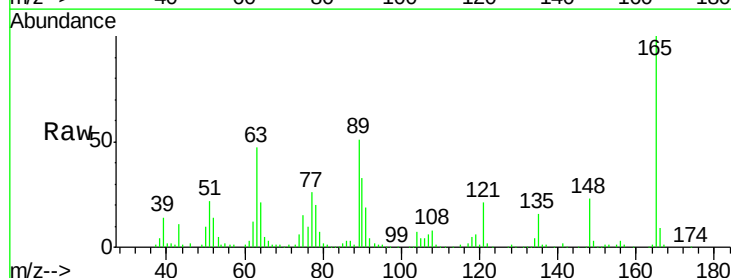
Tgt Ion:165 Resp: 131673

Ion Ratio Lower Upper

165 100

63 46.9 28.1 42.1#

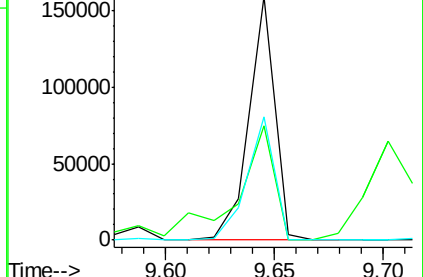
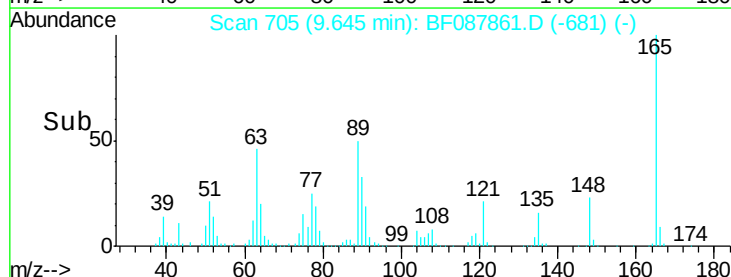
89 50.7 32.2 48.2#

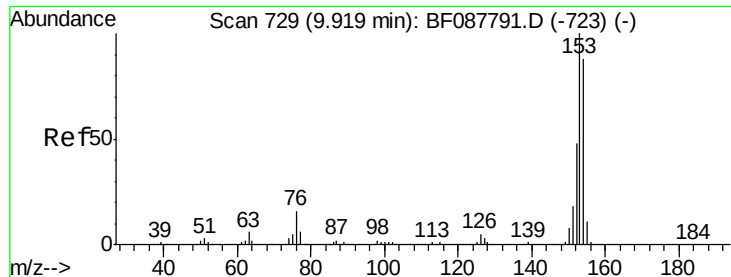


Abundance Ion 165.00 (164.70 to 165.70): E

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

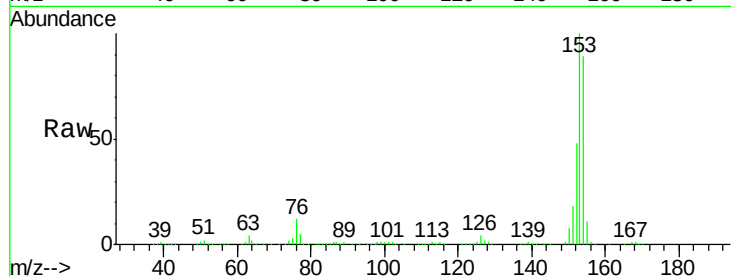
Tgt Ion:154 Resp: 493842

Ion Ratio Lower Upper

154 100

153 112.8 89.5 134.3

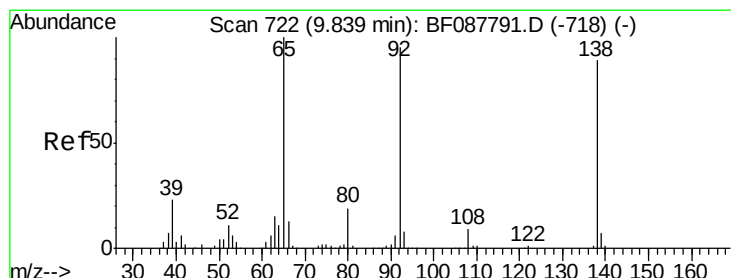
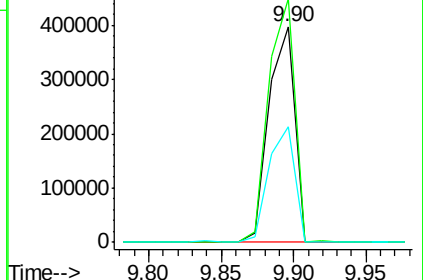
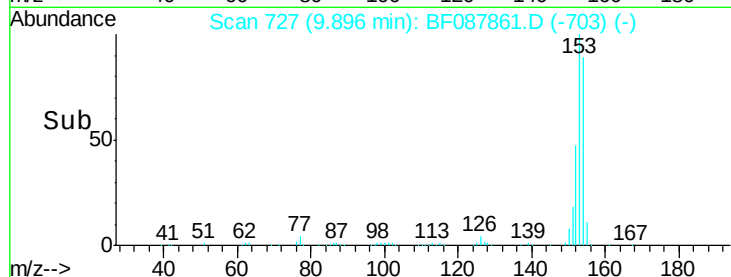
152 53.6 42.7 64.1



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

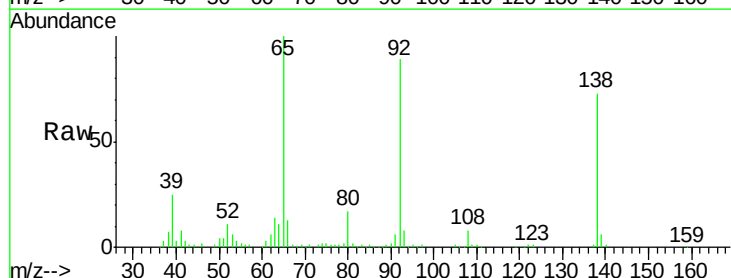
Tgt Ion:138 Resp: 109290

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

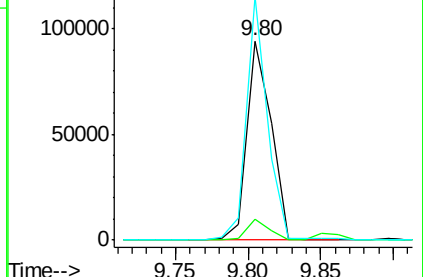
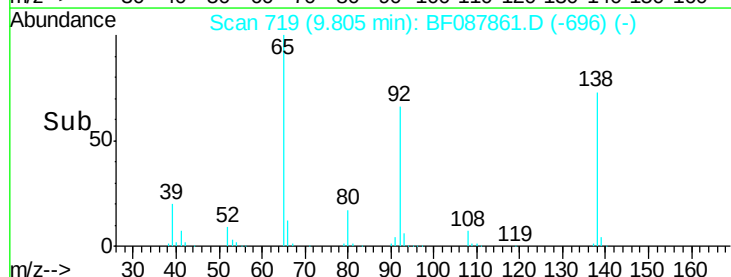
92 122.2 95.7 143.5

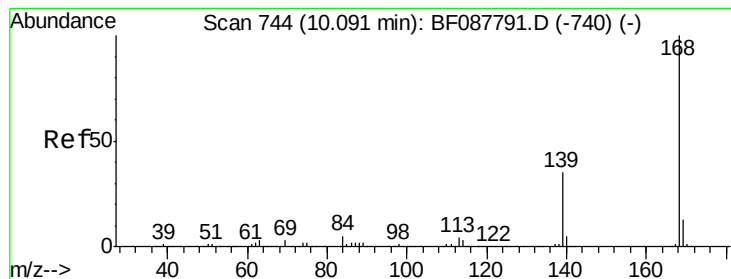


Abundance Ion 138.00 (137.70 to 138.70): E

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

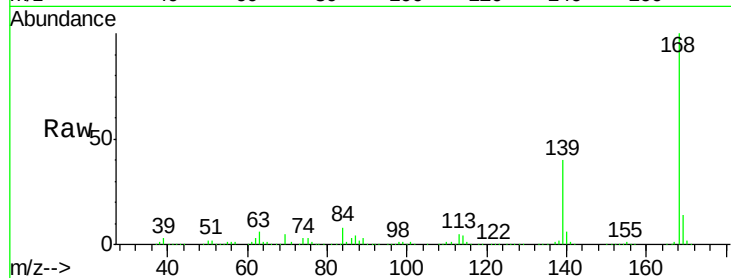
Tgt Ion:168 Resp: 646792

Ion Ratio Lower Upper

168 100

139 40.0 26.4 39.6#

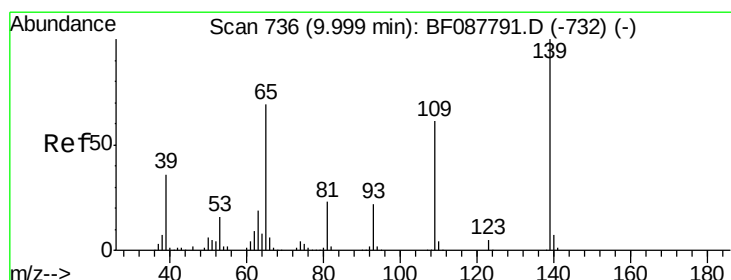
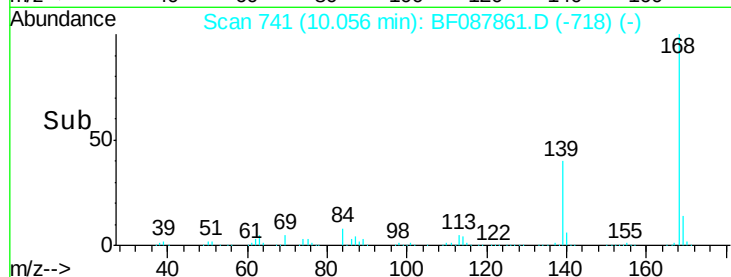
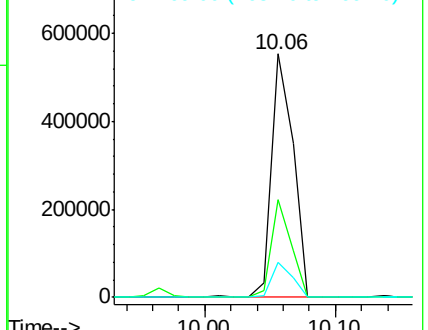
169 14.2 10.4 15.6



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

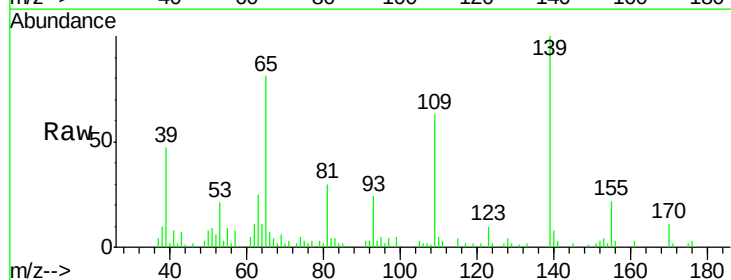
Tgt Ion:139 Resp: 19160

Ion Ratio Lower Upper

139 100

109 62.6 48.9 88.9

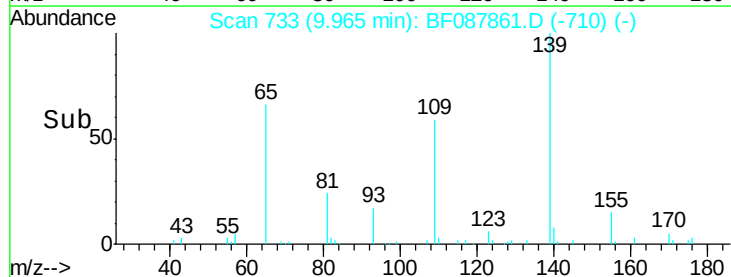
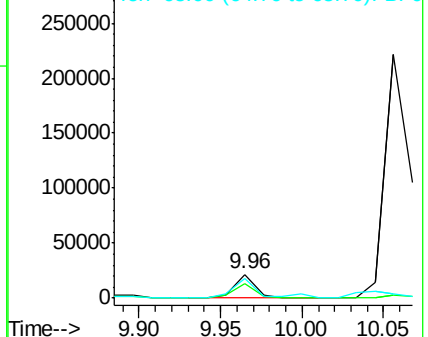
65 81.2 84.9 124.9#

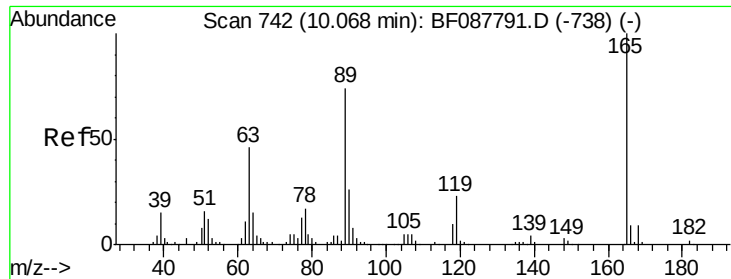


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

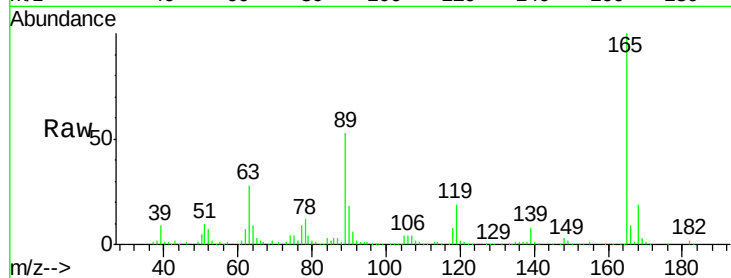




#56
2,4-Dinitrotoluene
Concen: 40.51 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

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

Tgt 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

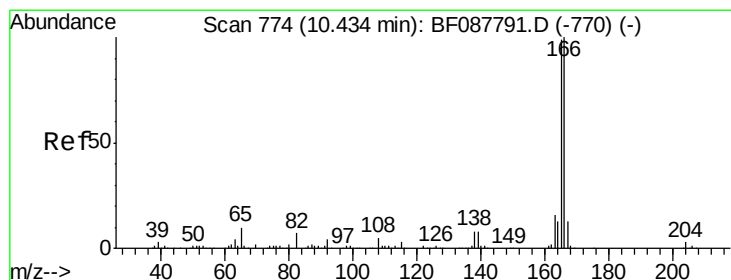
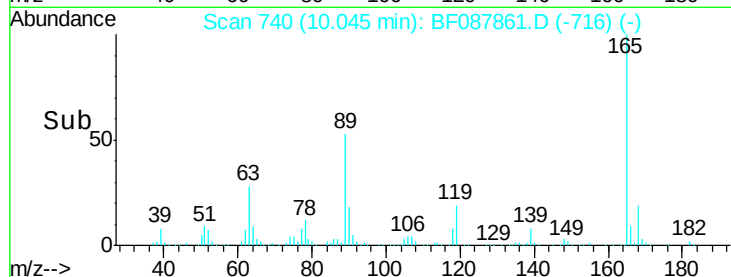
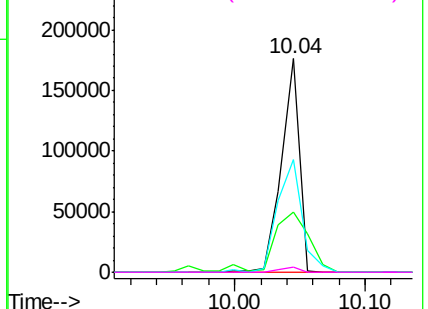


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

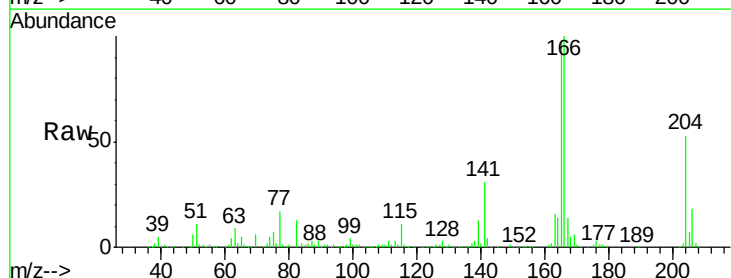
Ion 89.00 (88.70 to 89.70): BF0

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

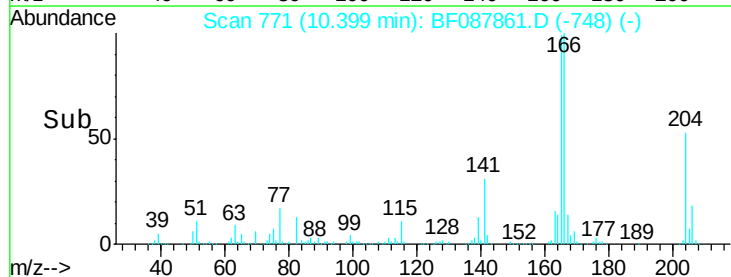
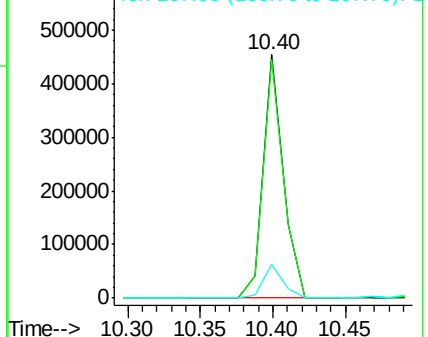
Tgt Ion:	166	Resp:	435764
Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.8
167	14.0	11.2	16.8

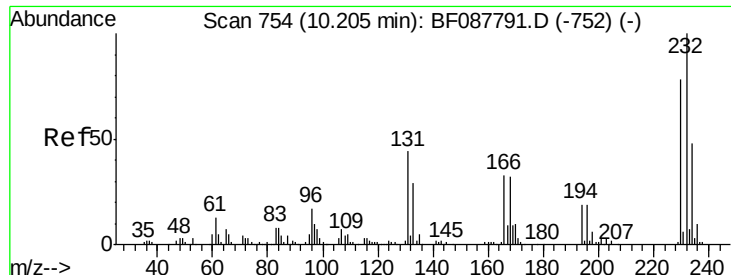


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

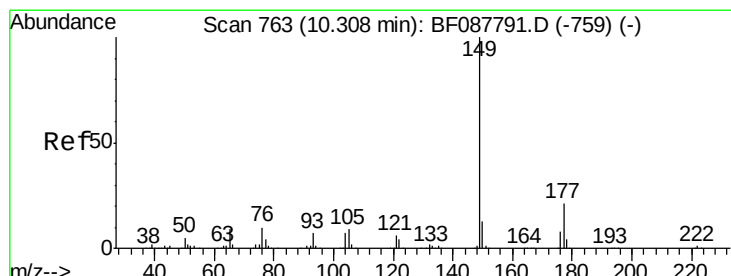
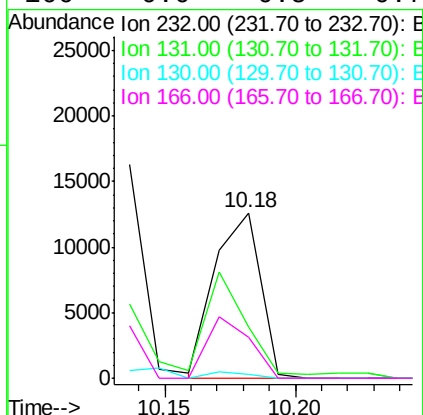
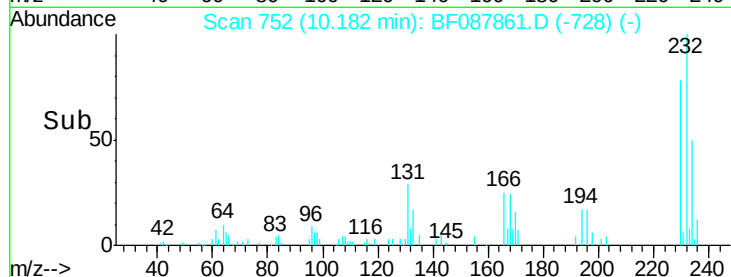
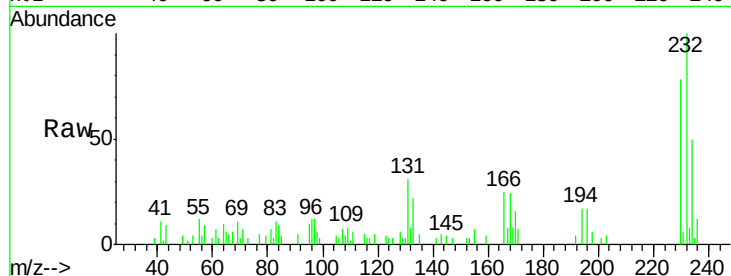




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.82 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

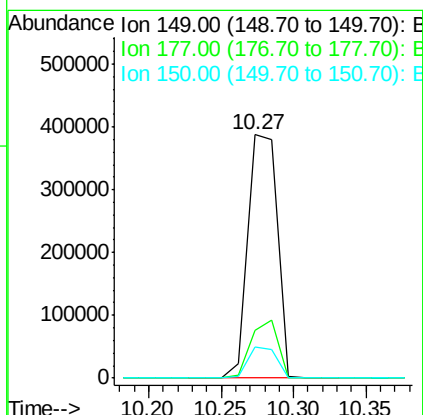
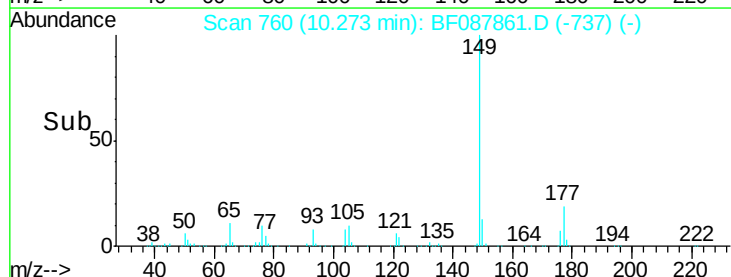
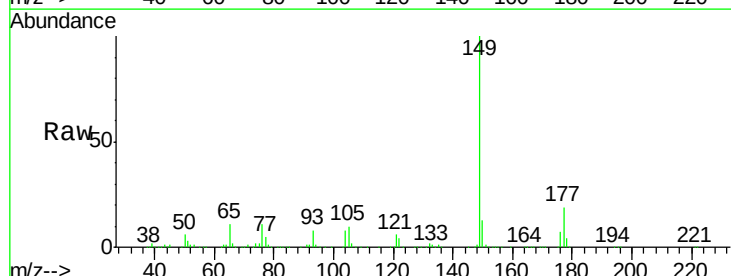
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

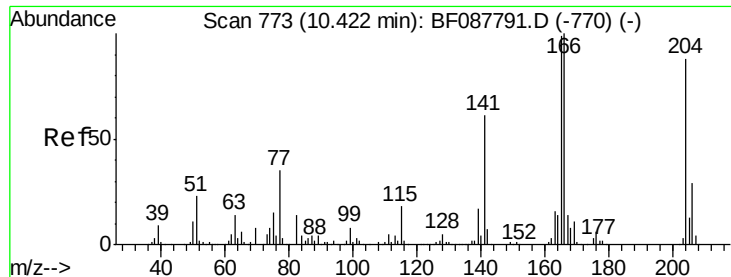
Tgt Ion:	232	Resp:	15563
Ion	Ratio	Lower	Upper
232	100		
131	59.2	0.9	1.3#
130	0.0	1.5	2.3#
166	0.0	0.5	0.7#



#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

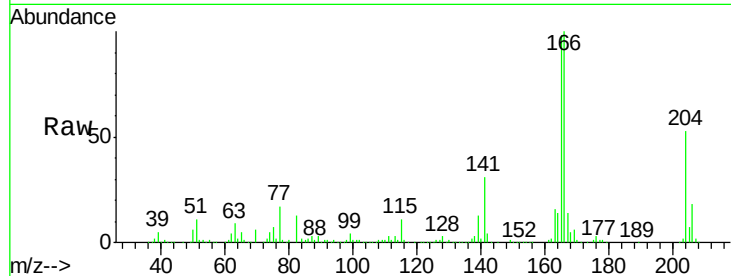




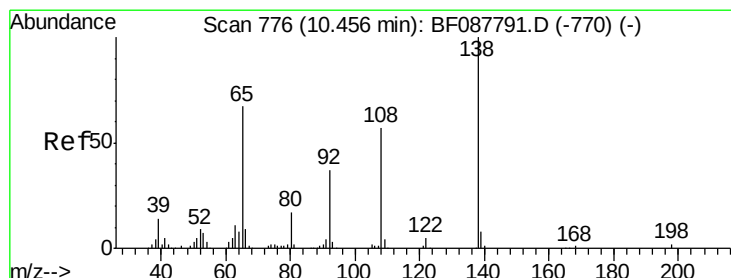
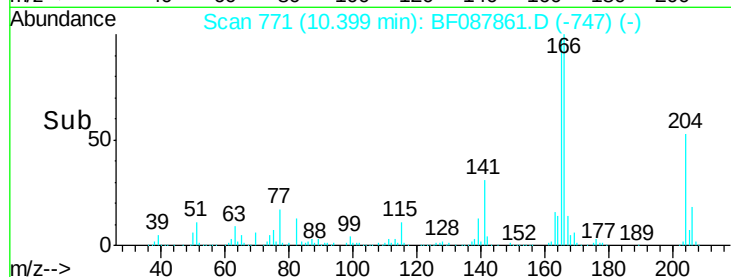
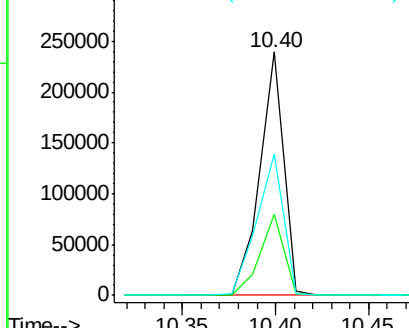
#60
4-Chlorophenyl-phenylether
Concen: 36.37 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

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

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

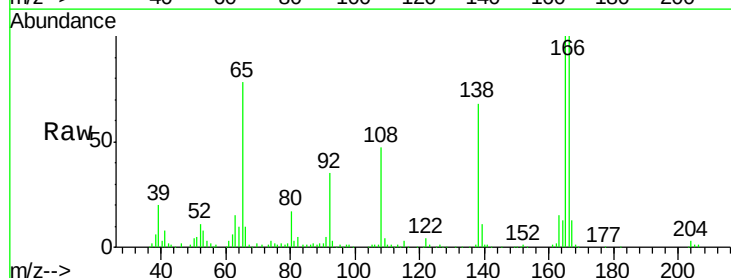


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

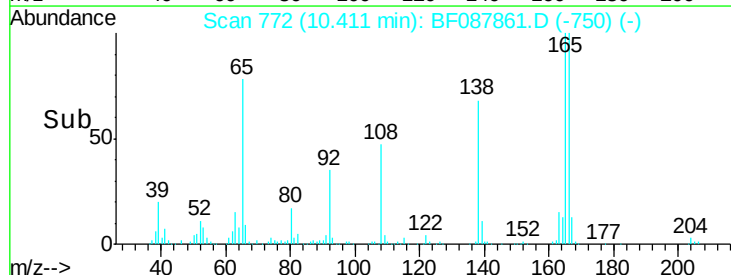
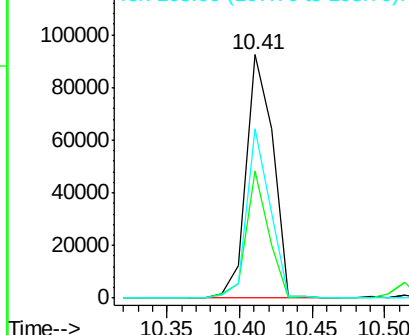


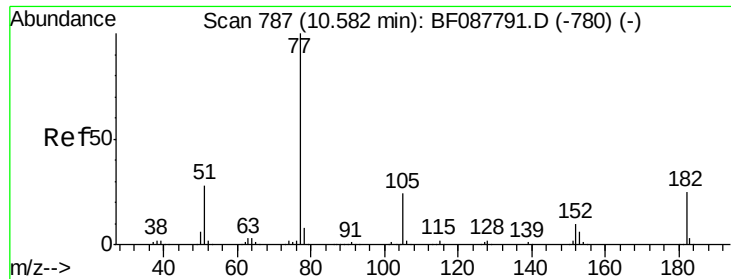
#61
4-Nitroaniline
Concen: 32.92 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.05 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

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



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 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

Tgt Ion: 77 Resp: 486566

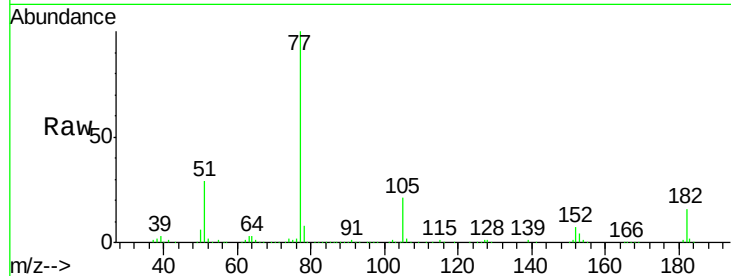
Ion Ratio Lower Upper

77 100

182 16.4 4.4 44.4

105 21.5 3.8 43.8

51 29.4 9.3 49.3

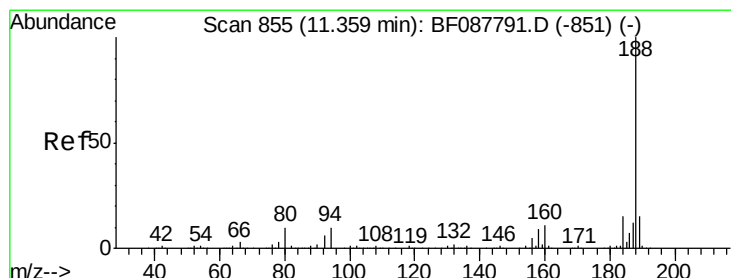
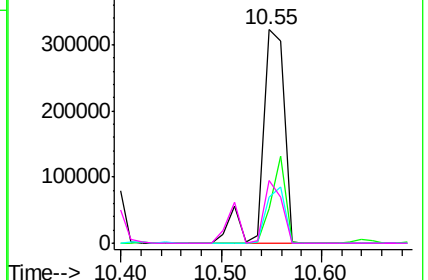
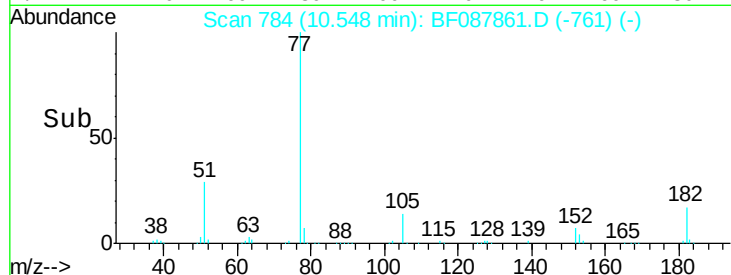


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

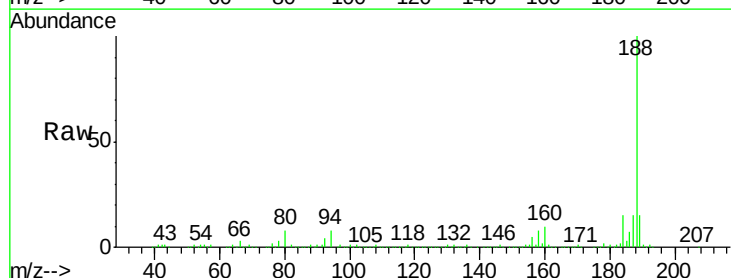
Tgt Ion: 188 Resp: 312944

Ion Ratio Lower Upper

188 100

94 8.1 9.0 13.6#

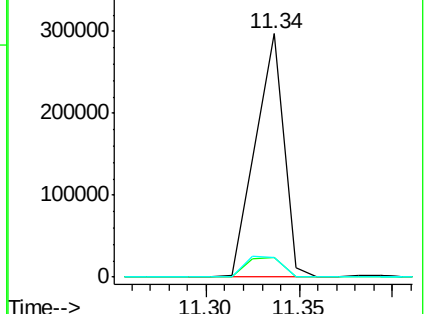
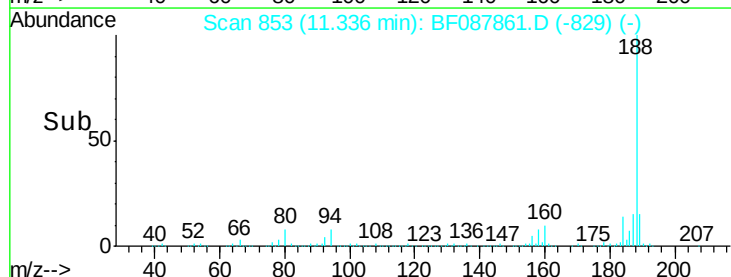
80 8.0 10.0 15.0#

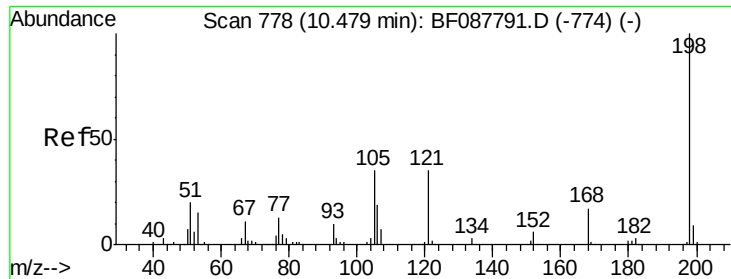


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

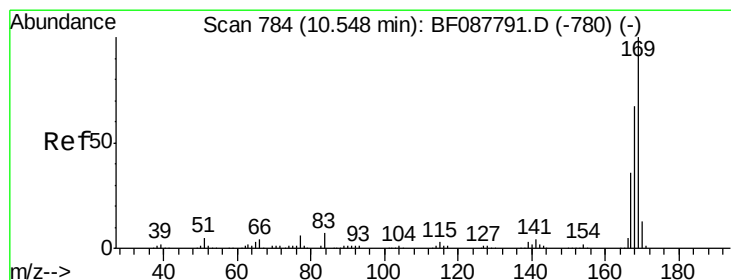
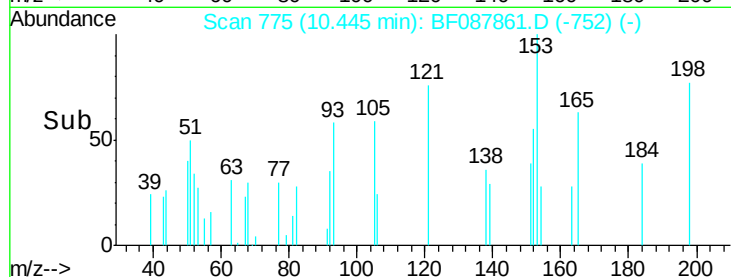
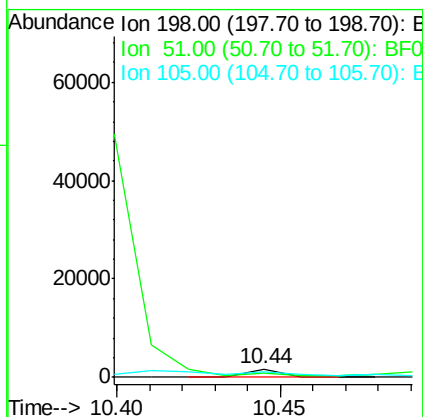
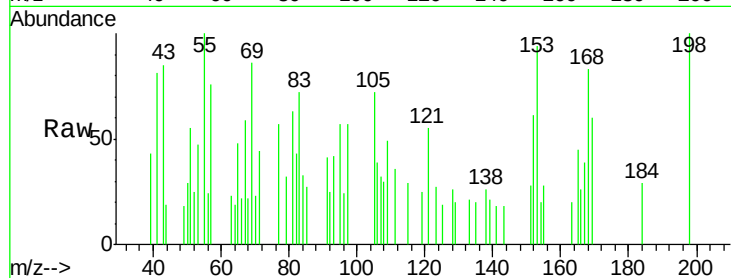




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.72 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.03 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

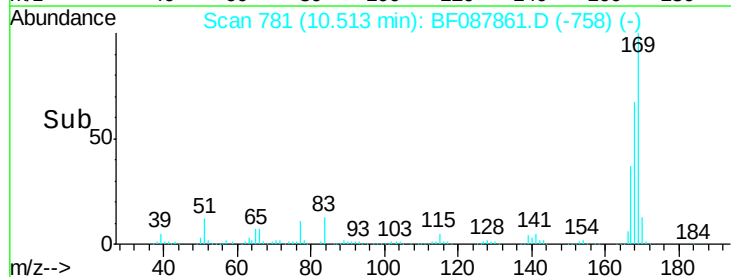
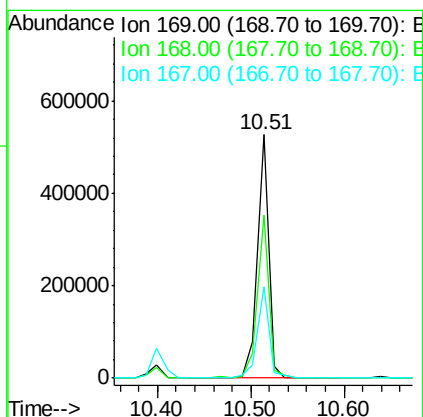
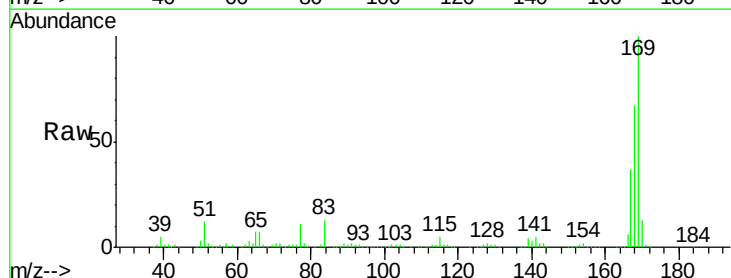
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

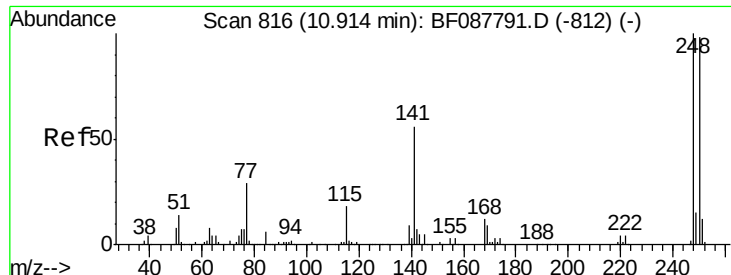
Tgt Ion:198 Resp: 1135
 Ion Ratio Lower Upper
 198 100
 51 55.1 39.6 79.6
 105 72.7 36.6 76.6



#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

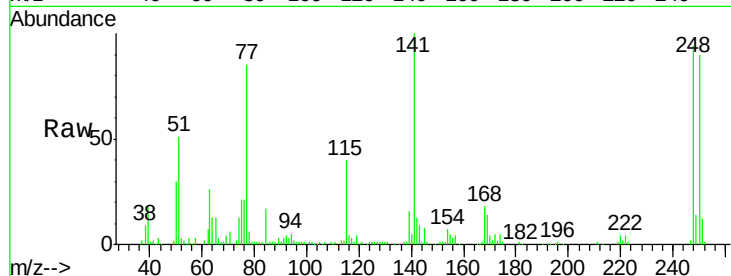




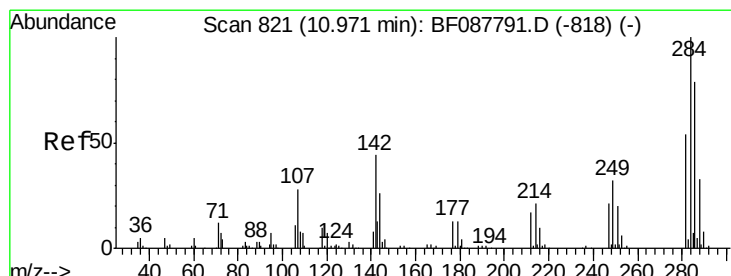
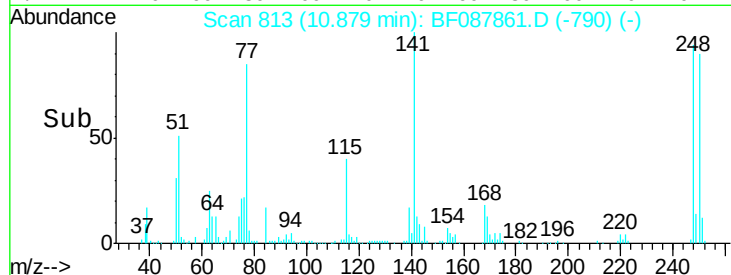
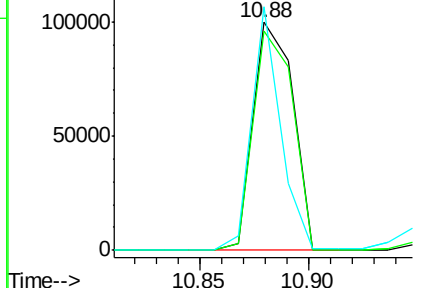
#66
4-Bromophenyl-phenylether
Concen: 38.04 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

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

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

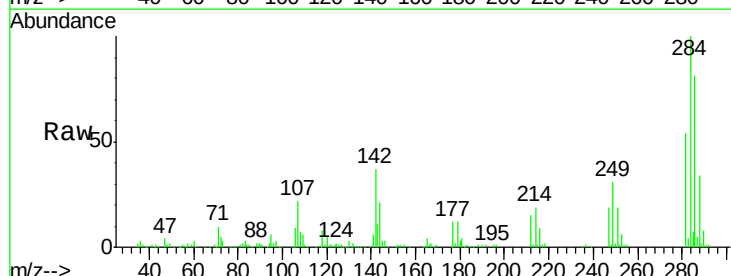


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

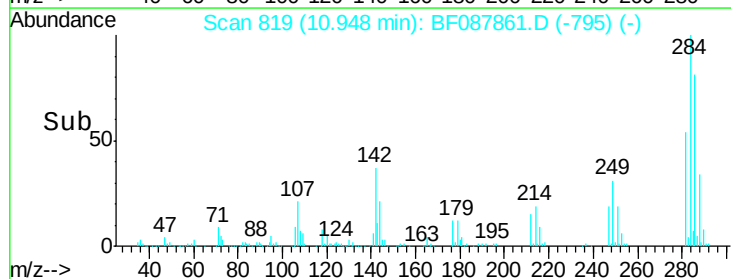
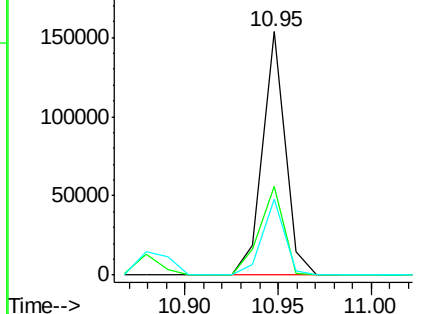


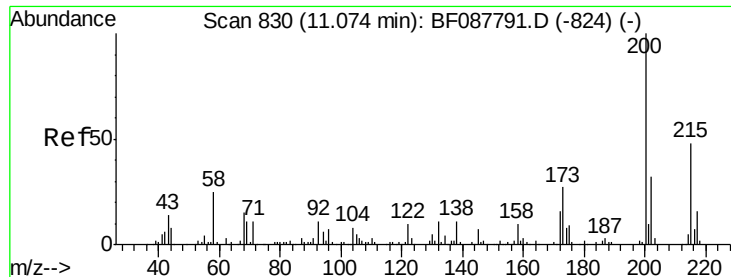
#67
Hexachlorobenzene
Concen: 36.99 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

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

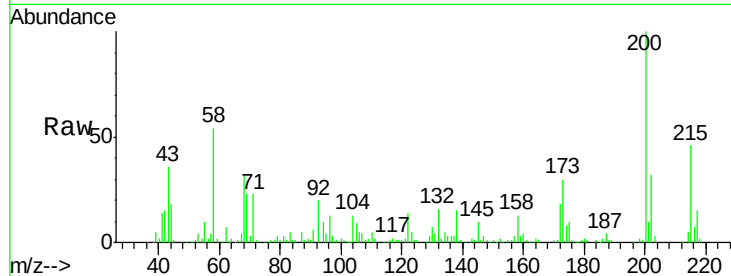
Tgt Ion:200 Resp: 118225

Ion Ratio Lower Upper

200 100

173 30.3 4.0 44.0

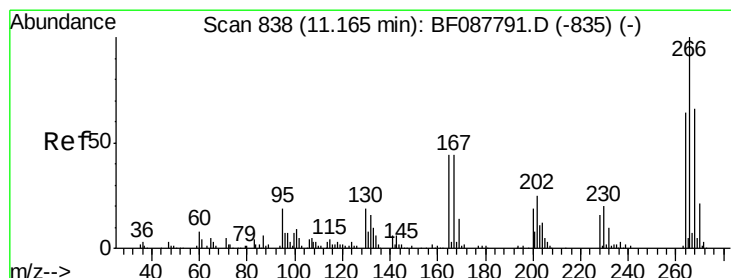
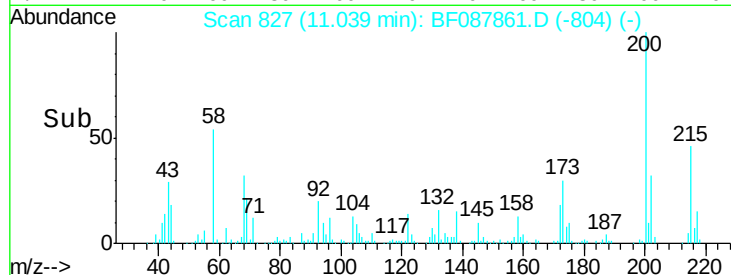
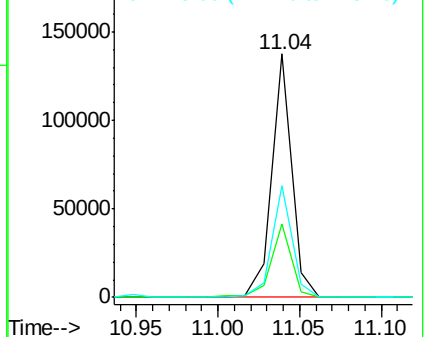
215 45.8 29.3 69.3



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

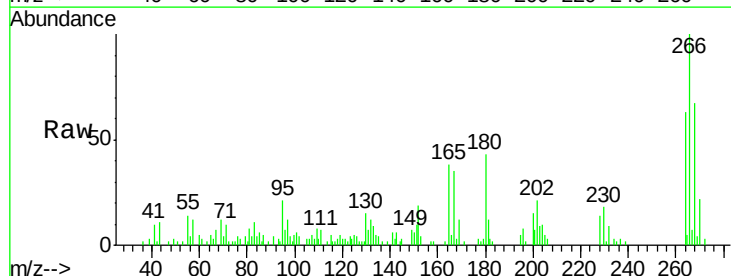
Tgt Ion:266 Resp: 16380

Ion Ratio Lower Upper

266 100

268 66.5 52.8 79.2

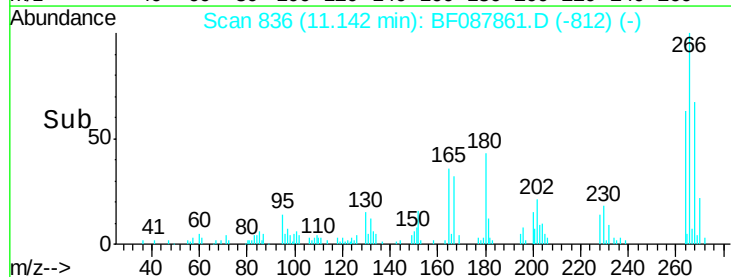
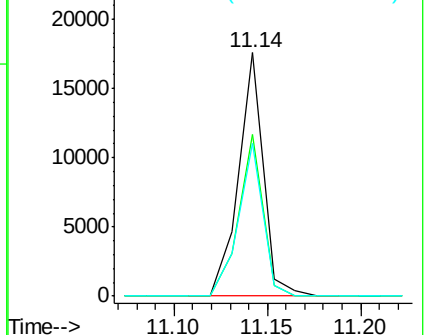
264 62.7 49.6 74.4

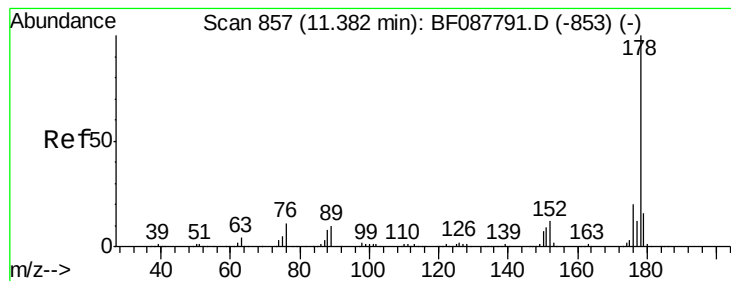


Abundance Ion 265.70 (265.40 to 266.40): E

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

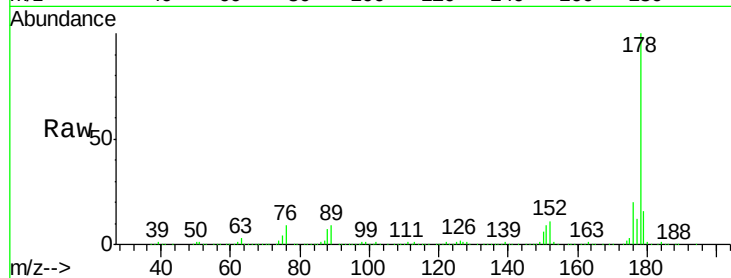
Tgt Ion:178 Resp: 772058

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

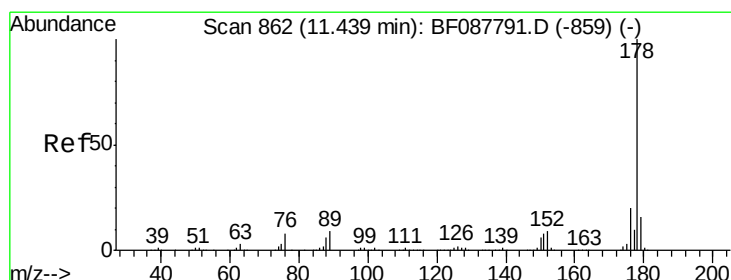
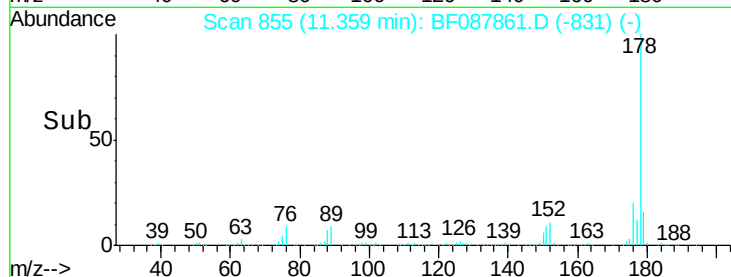
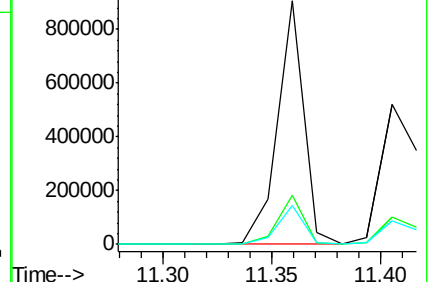
179 16.0 13.0 19.4



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

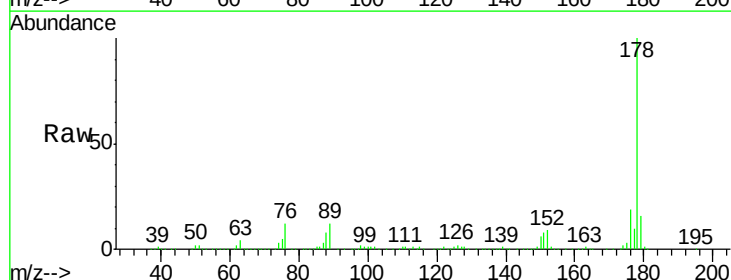
Tgt Ion:178 Resp: 619007

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

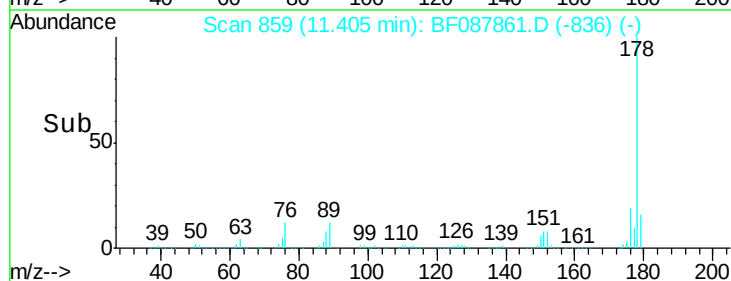
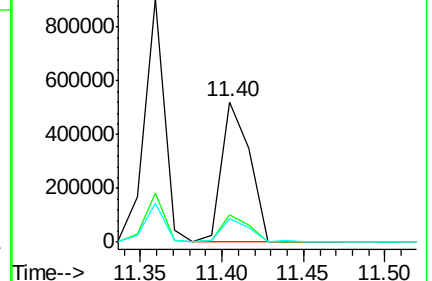
179 16.3 12.8 19.2

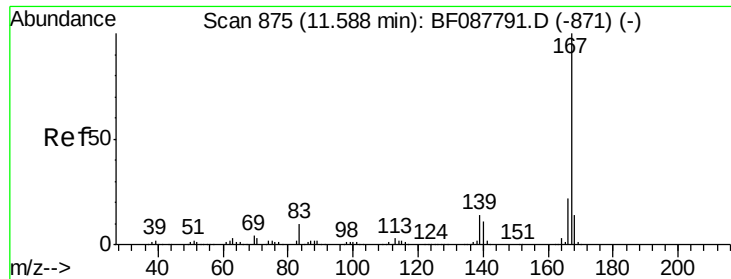


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

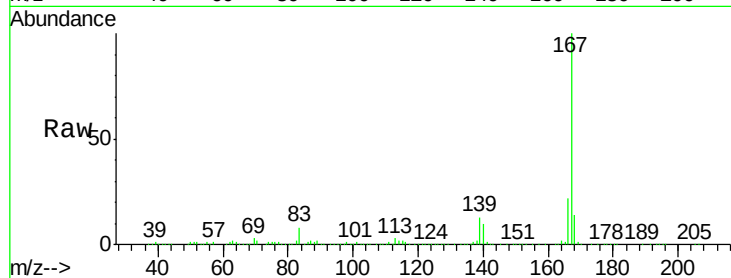




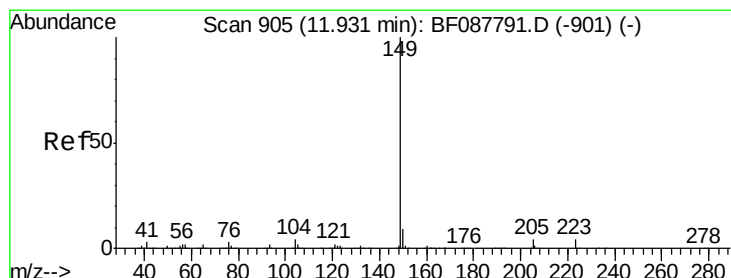
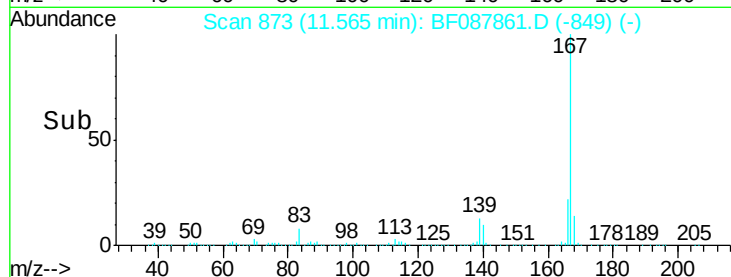
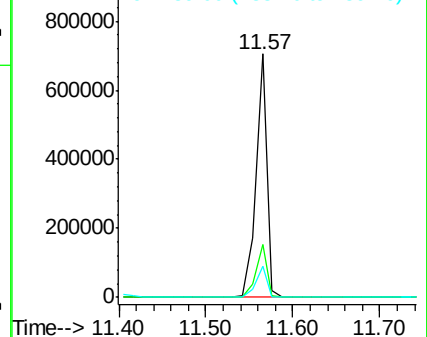
#72
 Carbazole
 Concen: 40.11 ng
 RT: 11.57 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

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

Tgt Ion:167 Resp: 621818
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 12.8 11.2 16.8

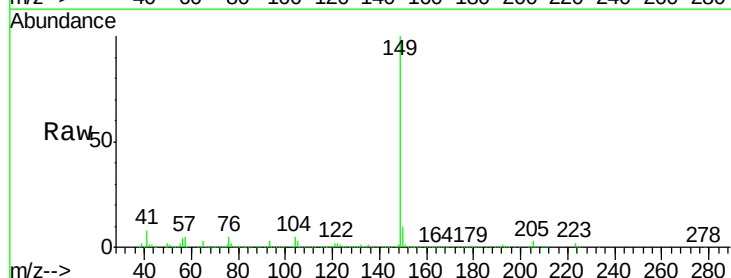


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

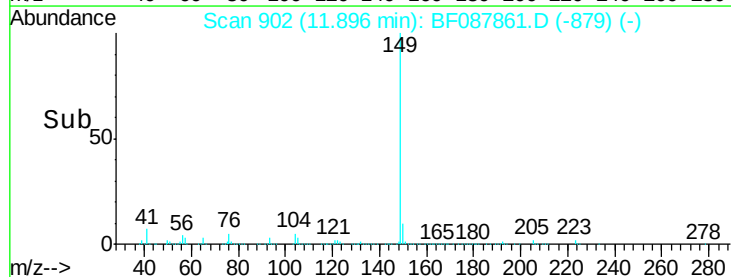
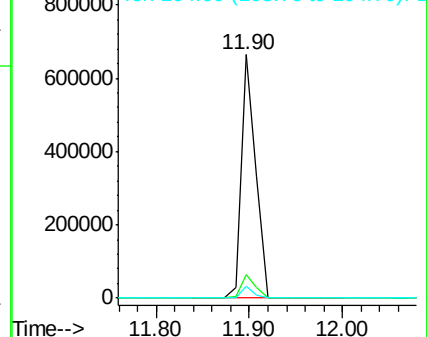


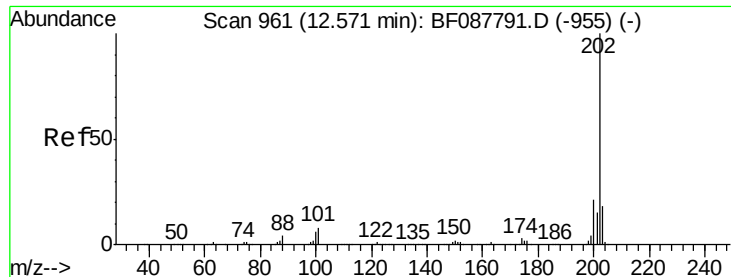
#73
 Di-n-butylphthalate
 Concen: 35.86 ng
 RT: 11.90 min Scan# 902
 Delta R.T. -0.03 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

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

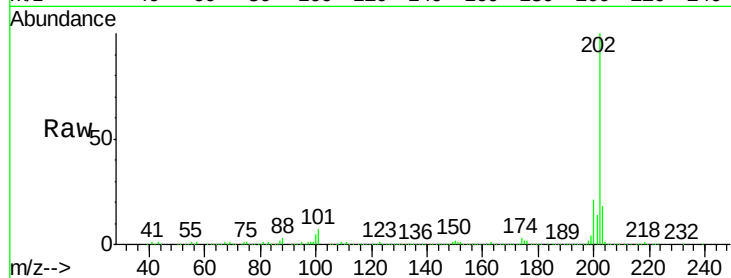




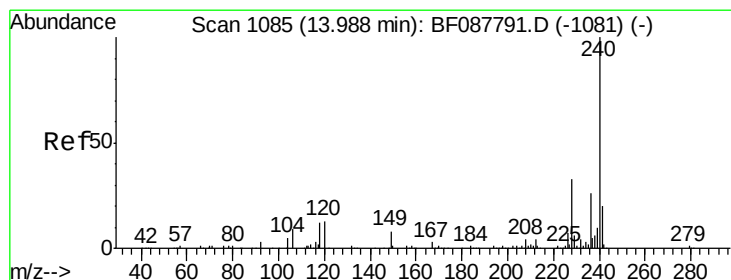
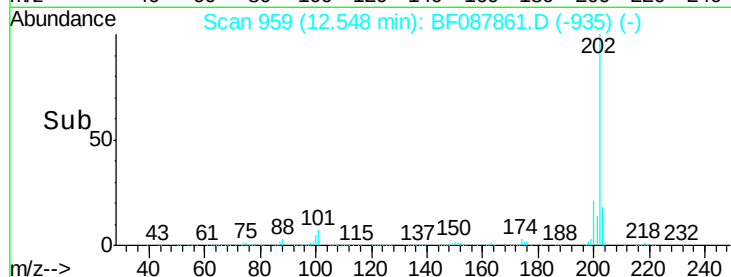
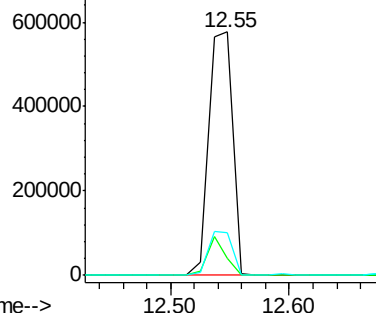
#74
Fluoranthene
Concen: 46.73 ng
RT: 12.55 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

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

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	33.1
203	17.6	0.0	38.1

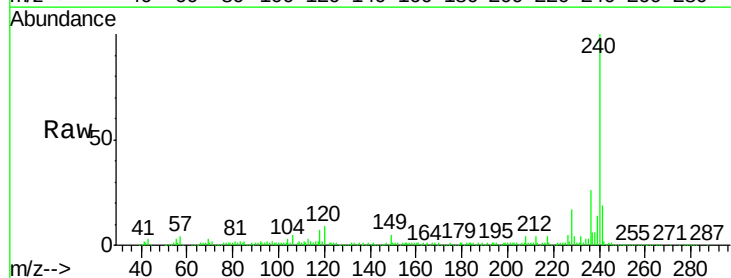


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

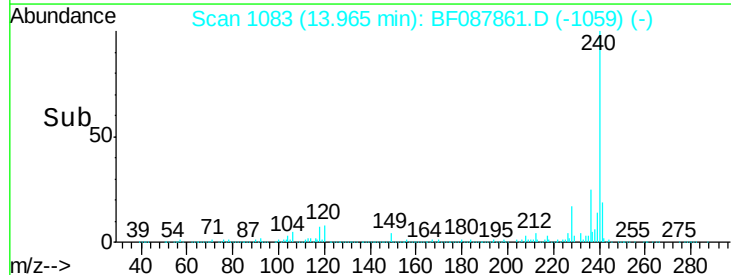
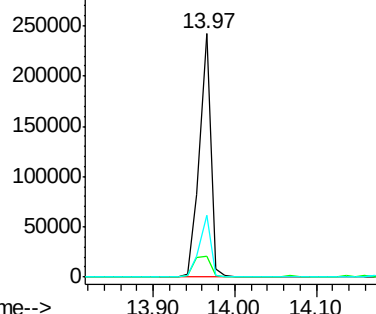


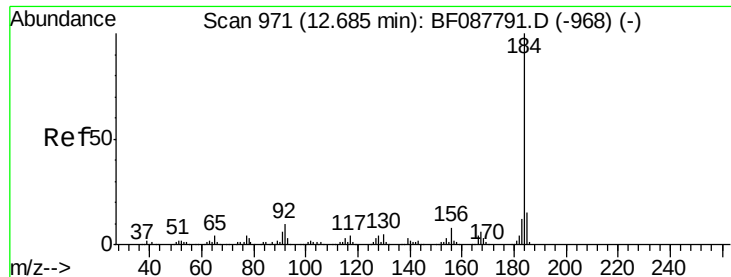
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion	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

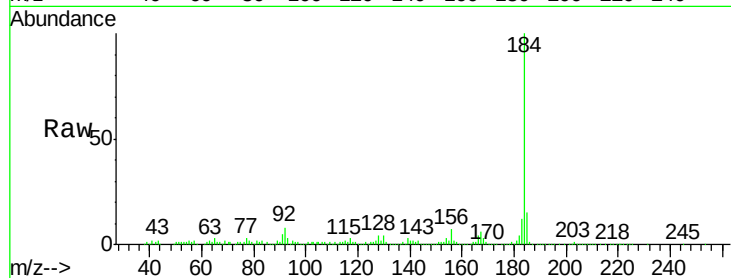
Tgt Ion:184 Resp: 224042

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

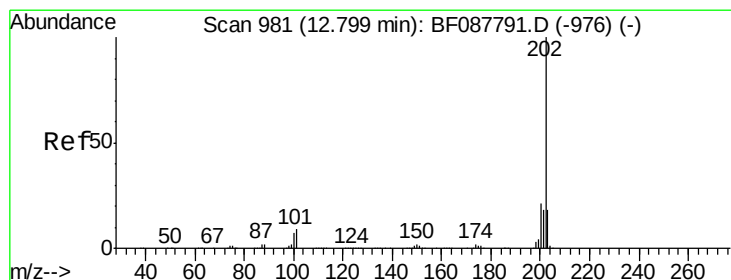
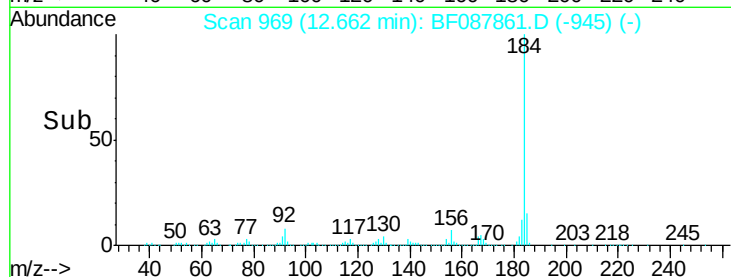
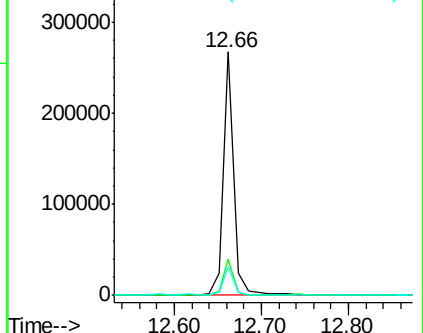
183 11.8 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 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

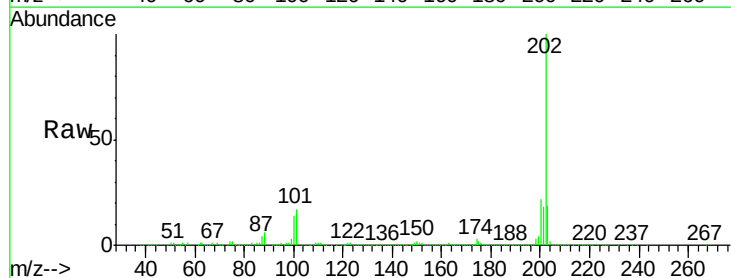
Tgt Ion:202 Resp: 731113

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

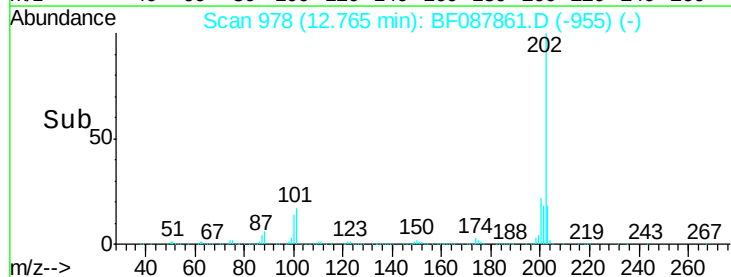
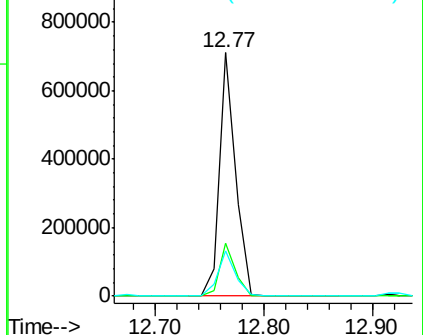
203 18.7 14.5 21.7

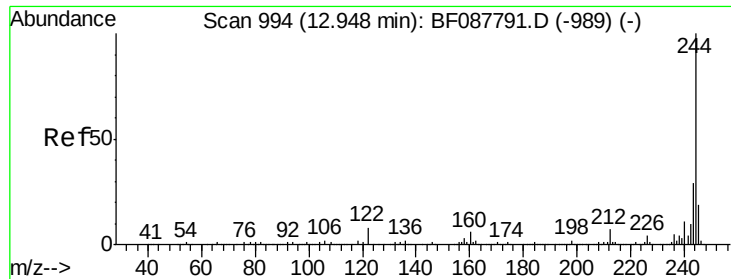


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

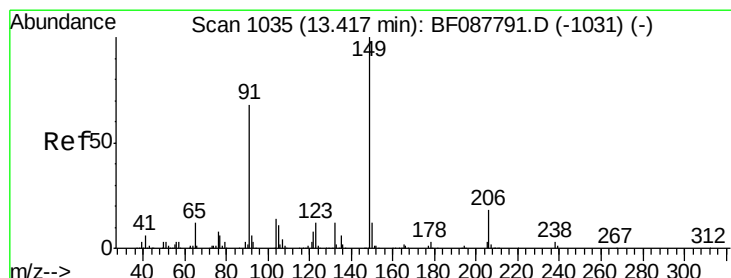
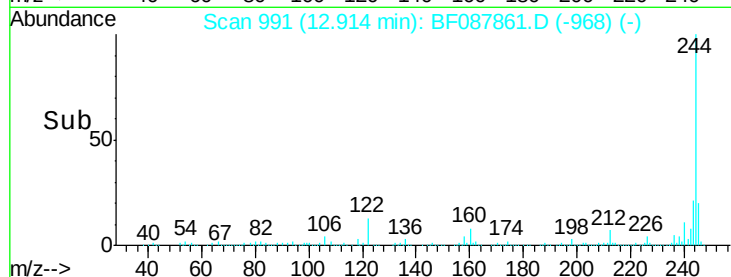
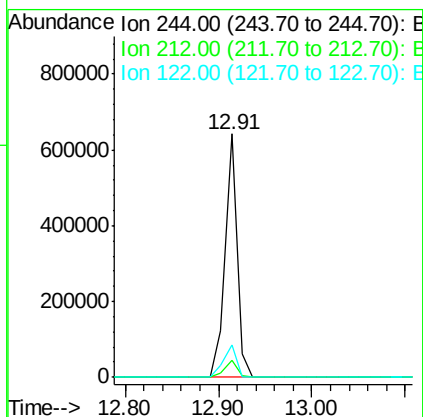
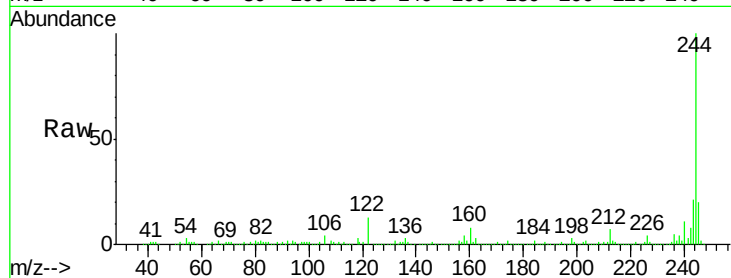




#78
 Terphenyl-d14
 Concen: 55.39 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087861.D
 Acq: 9 Jun 2016 19:24

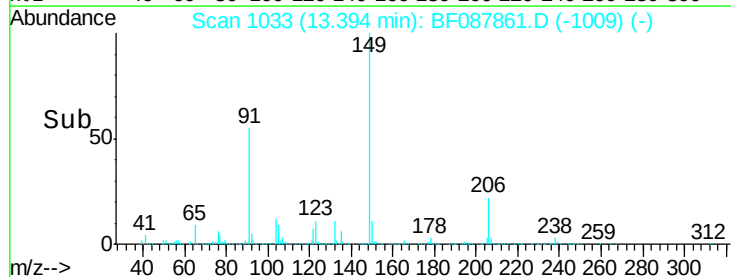
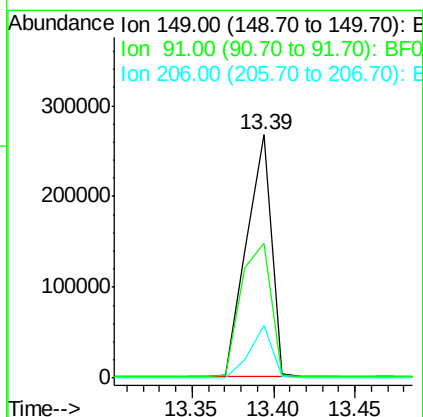
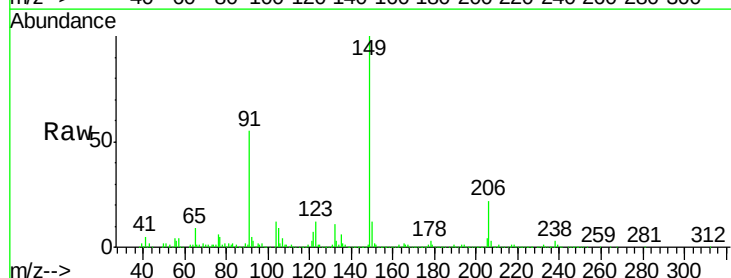
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)CMS

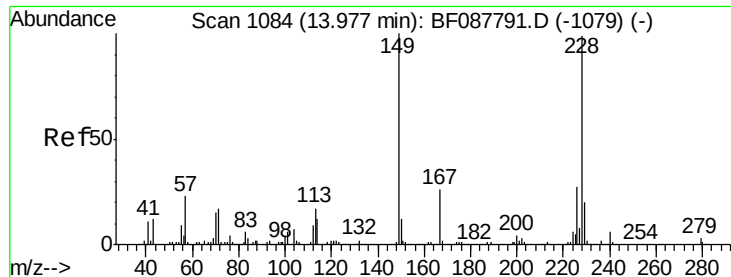
Tgt Ion:244 Resp: 569730
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.4 11.2 16.8



#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

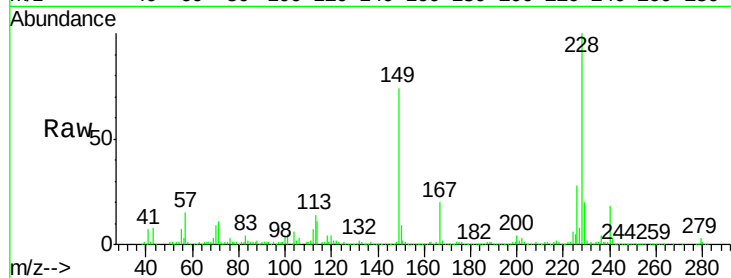
Tgt Ion:228 Resp: 550287

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

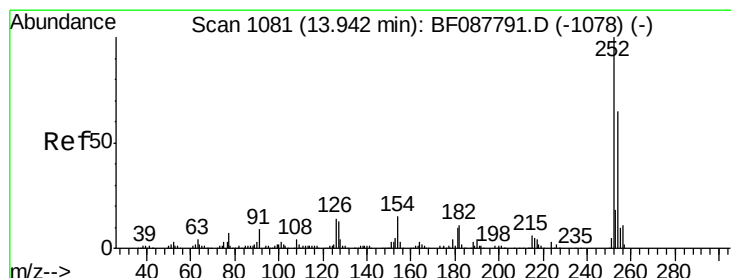
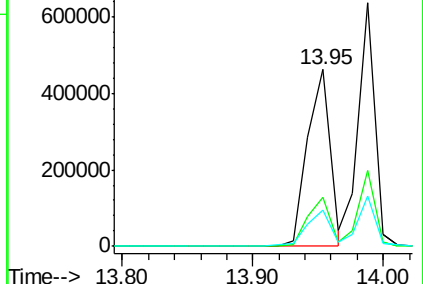
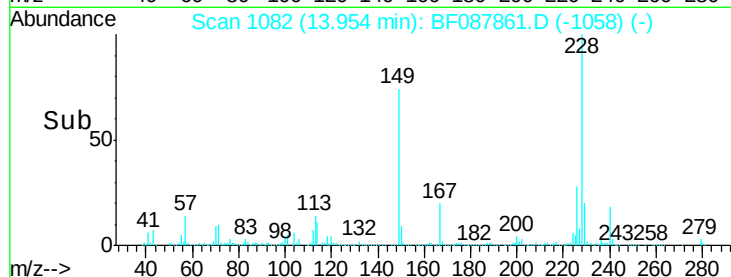
229 20.2 16.0 24.0



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

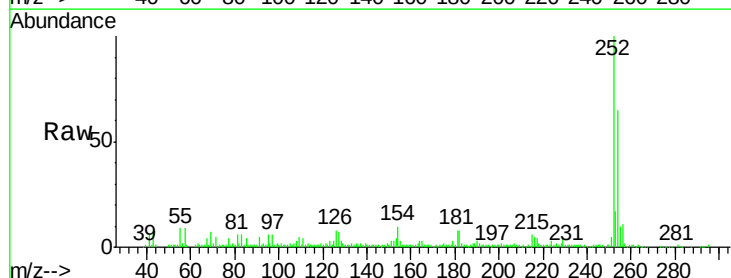
Tgt Ion:252 Resp: 112715

Ion Ratio Lower Upper

252 100

254 64.7 52.6 78.8

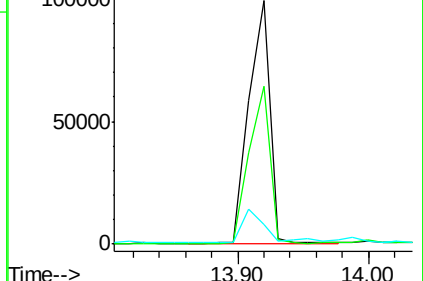
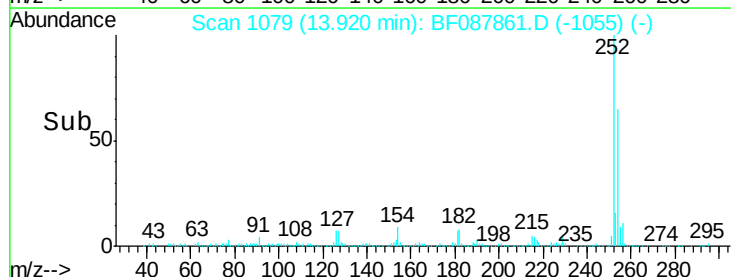
126 7.8 6.2 9.2

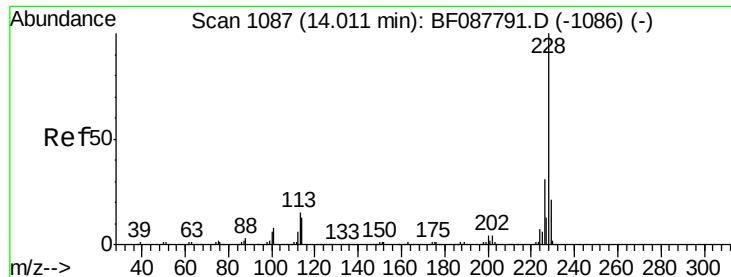


Abundance Ion 252.00 (251.70 to 252.70): E

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

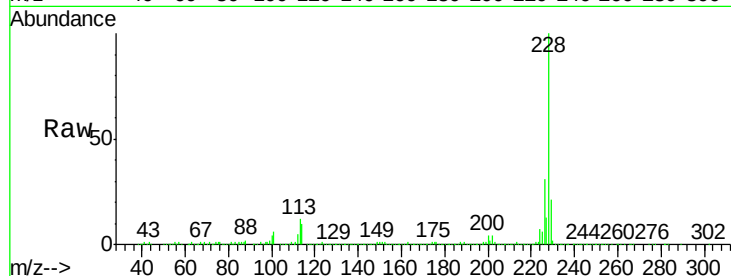
Tgt Ion:228 Resp: 552597

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

800000

600000

400000

200000

0

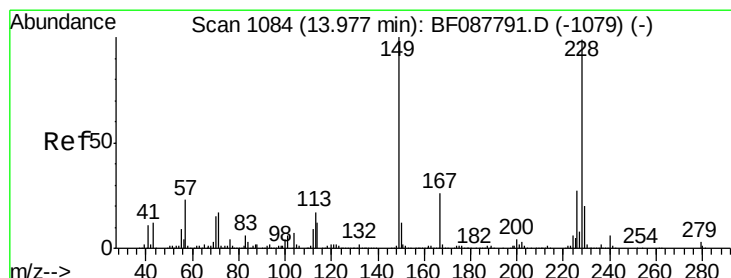
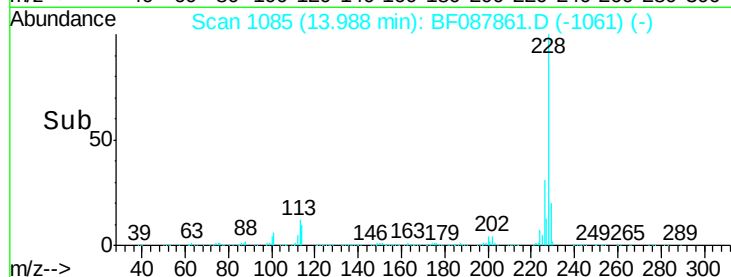
13.95

13.99

14.00

14.05

Time-->



#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

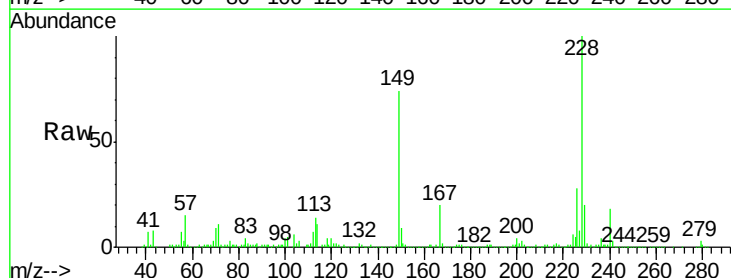
Tgt Ion:149 Resp: 362960

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

400000

300000

200000

100000

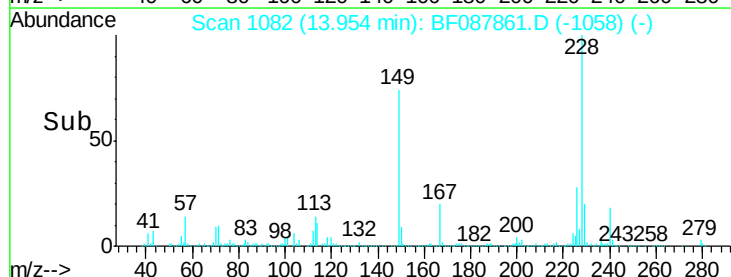
0

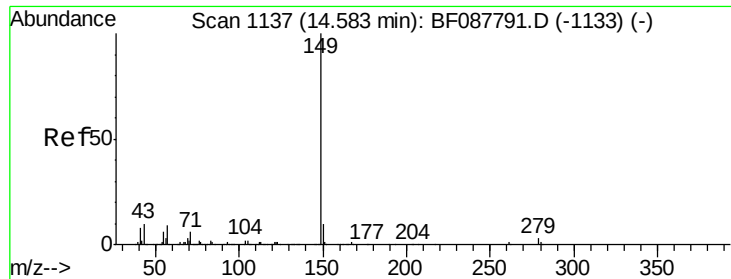
13.90

13.95

14.00

Time-->





#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

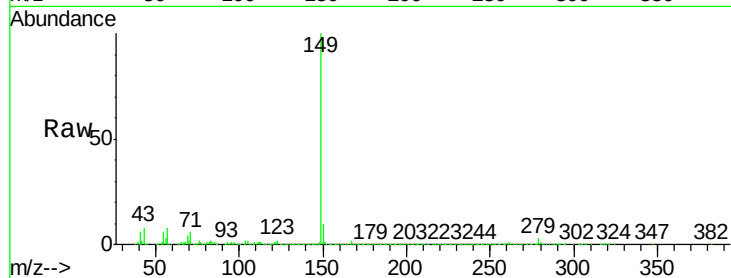
Tgt Ion:149 Resp: 649120

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

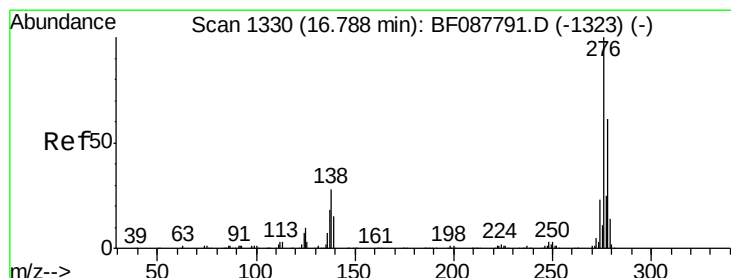
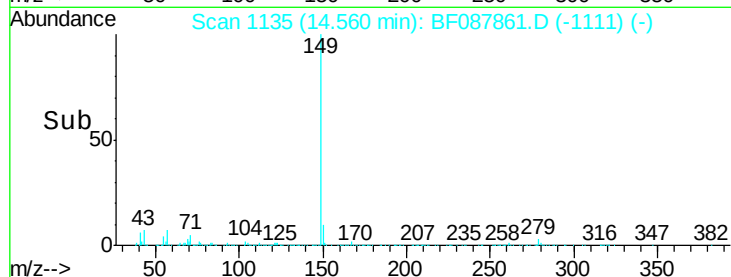
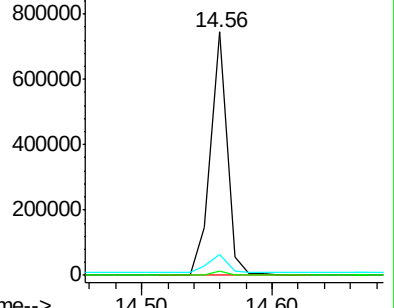
43 8.9 0.0 0.0#



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

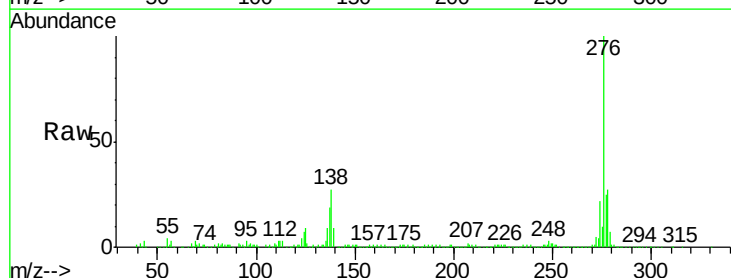
Tgt Ion:276 Resp: 391059

Ion Ratio Lower Upper

276 100

138 28.7 0.0 0.0#

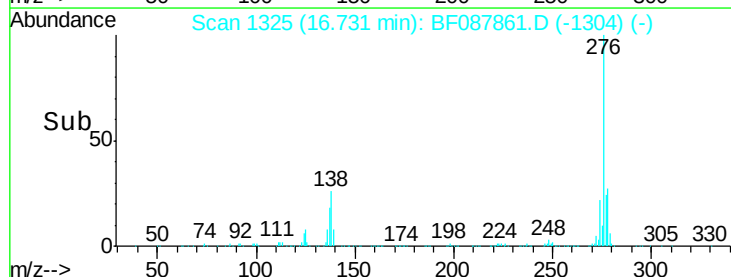
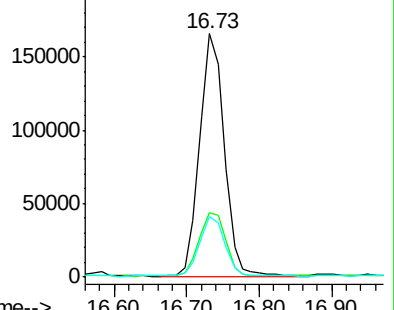
277 25.7 0.0 0.0#

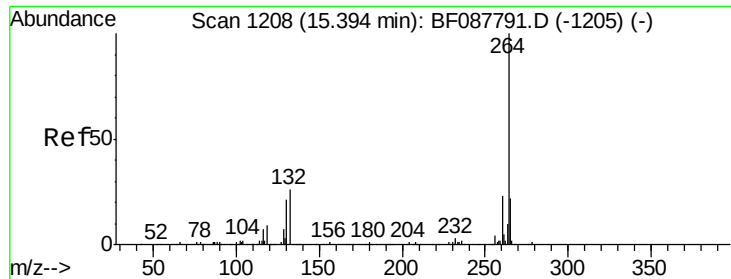


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



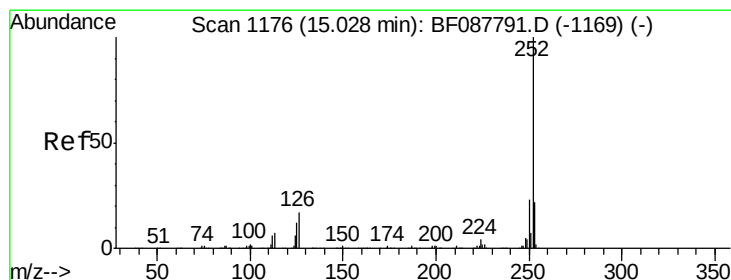
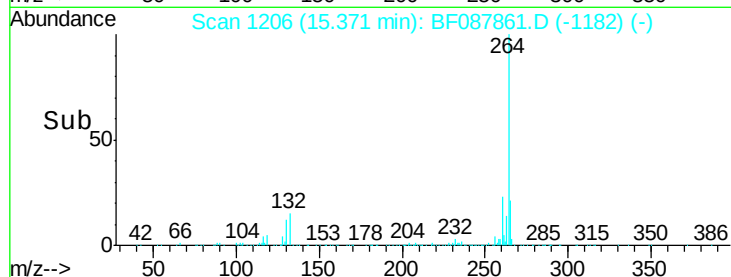
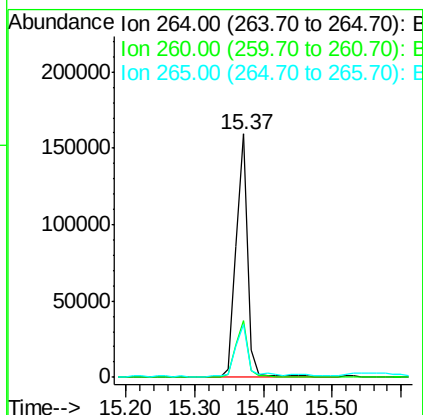
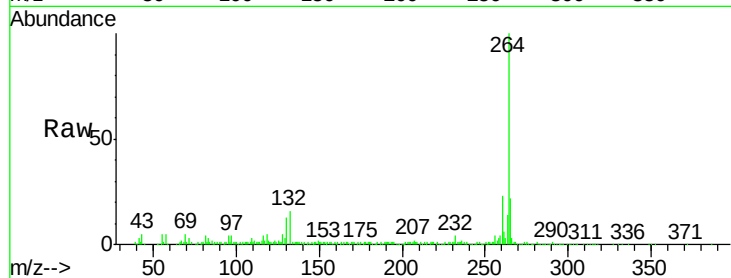


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

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

Tgt Ion:264 Resp: 187497

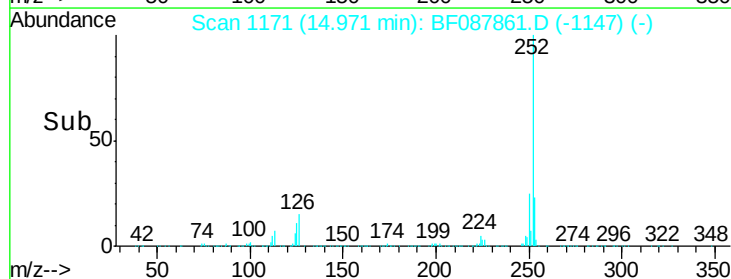
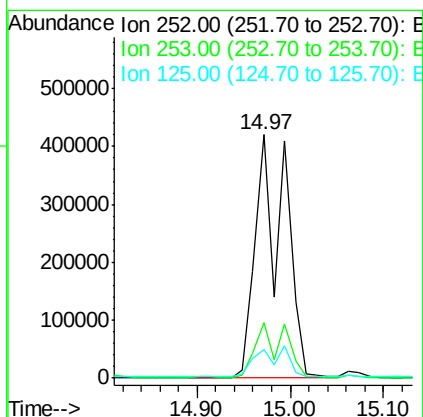
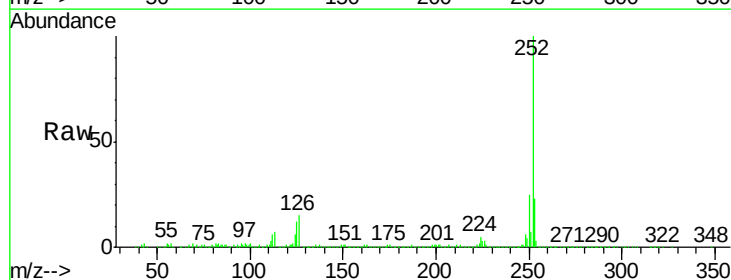
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	16.9	25.3

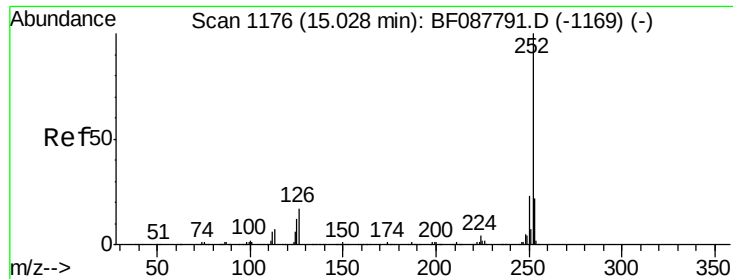


#87
Benzo(b)fluoranthene
Concen: 68.81 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

Tgt Ion:252 Resp: 899222

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	11.8	7.1	10.7#

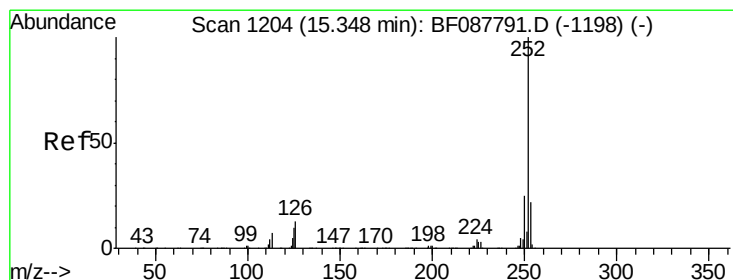
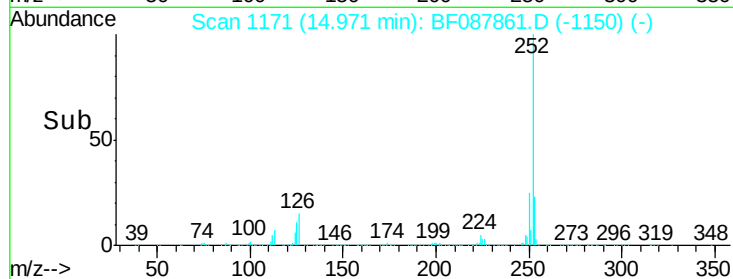
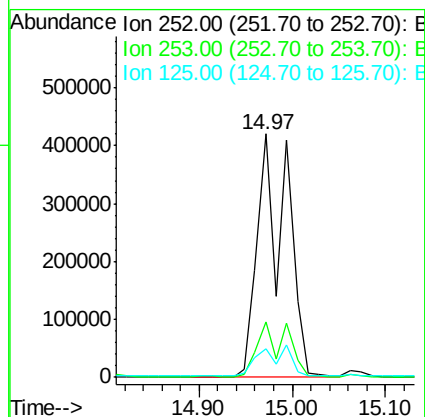
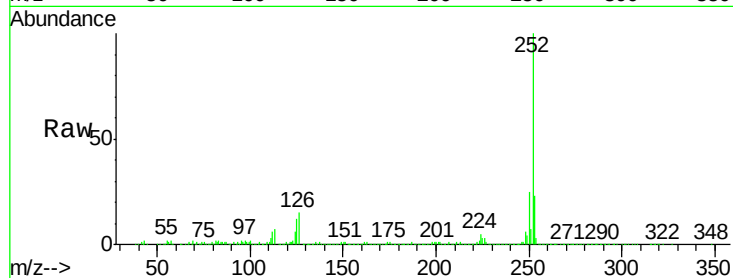




#88
Benzo(k)fluoranthene
Concen: 91.22 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.06 min
Lab File: BF087861.D
Acq: 9 Jun 2016 19:24

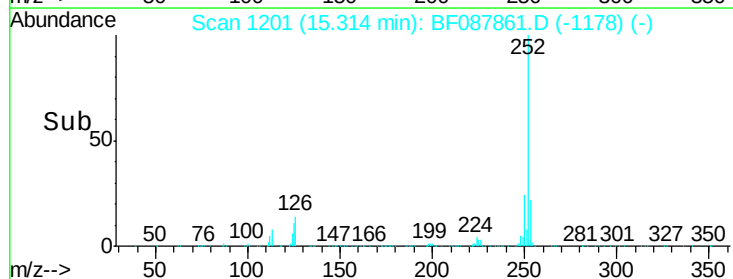
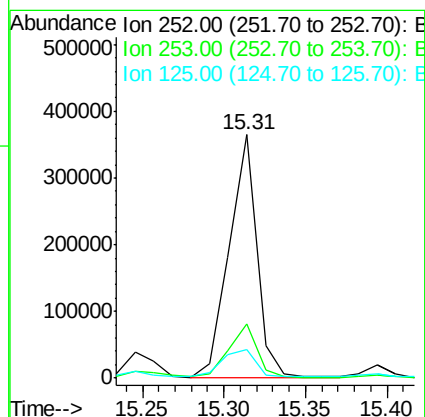
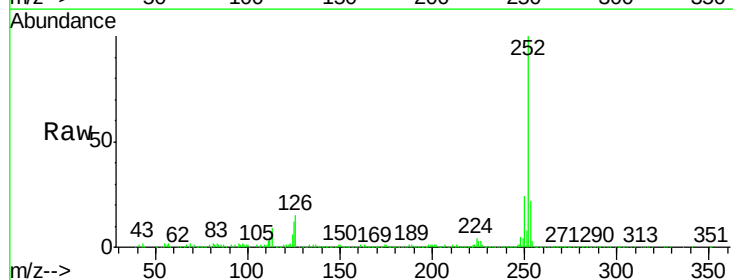
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)CMS

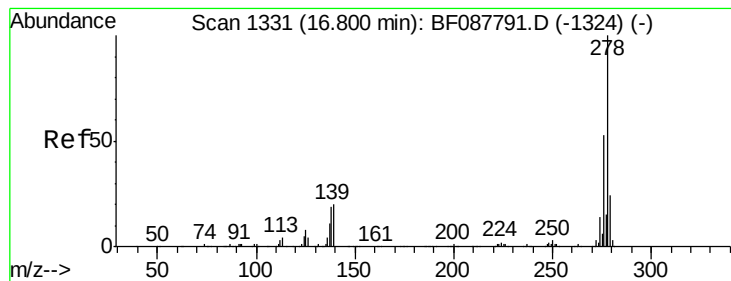
Tgt Ion:252 Resp: 899222
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 11.8 11.2 16.8



#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

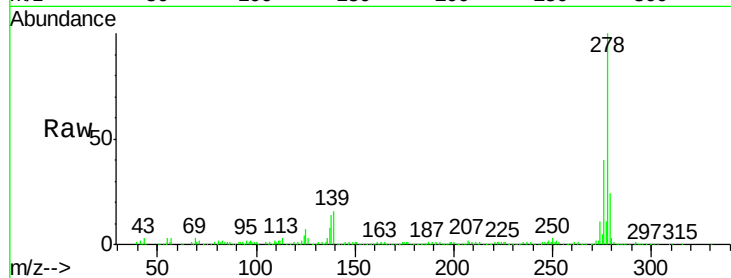
Tgt Ion:278 Resp: 319909

Ion Ratio Lower Upper

278 100

139 16.0 15.7 23.5

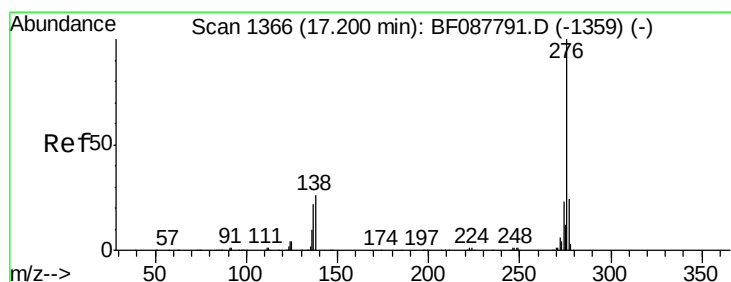
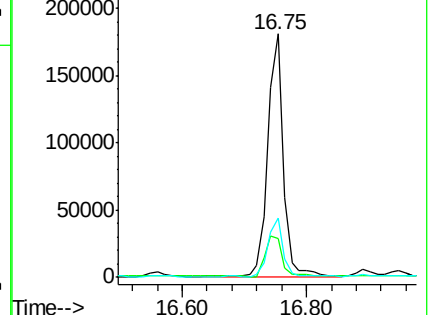
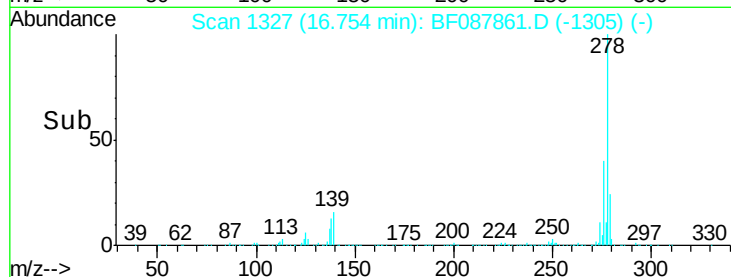
279 24.4 19.4 29.2



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

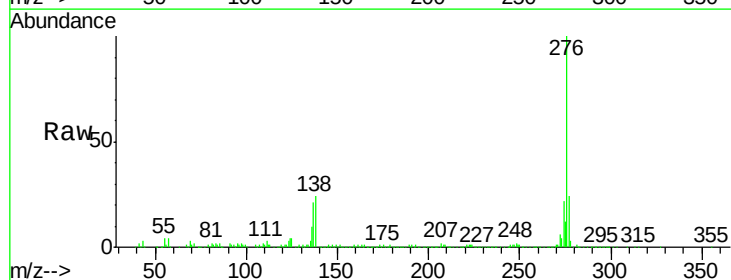
Tgt Ion:276 Resp: 332579

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

