

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088555.D
 Acq On : 1 Jul 2016 3:44
 Operator : UM/SJ
 Sample : H3630-08MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Quant Time: Jul 01 05:33:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 01 01:58:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	119525	20.00	ng	0.01
21) Naphthalene-d8	8.11	136	422568	20.00	ng	0.01
38) Acenaphthene-d10	9.86	164	172298	20.00	ng	0.01
63) Phenanthrene-d10	11.34	188	285326	20.00	ng	0.01
75) Chrysene-d12	13.98	240	168155	20.00	ng	0.02
86) Perylene-d12	15.41	264	170292	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1084191	135.94	ng	0.02
7) Phenol-d6	6.46	99	1389561	134.84	ng	0.01
23) Nitrobenzene-d5	7.39	82	937311	116.24	ng	0.01
41) 2,4,6-Tribromophenol	10.65	330	214793	134.25	ng	0.01
44) 2-Fluorobiphenyl	9.19	172	1047479	96.03	ng	0.01
78) Terphenyl-d14	12.93	244	687459	91.06	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	147162	37.22	ng	# 34
3) Pyridine	3.14	79	298227	25.99	ng	96
4) n-Nitrosodimethylamine	3.10	42	208200	47.50	ng	87
6) Aniline	6.56	93	680058	45.28	ng	# 57
8) 2-Chlorophenol	6.60	128	365031	42.59	ng	94
9) Benzaldehyde	6.36	77	14773	2.12	ng	# 75
10) Phenol	6.48	94	450284	38.29	ng	96
11) bis(2-Chloroethyl)ether	6.56	93	680058	77.54	ng	90
12) 1,3-Dichlorobenzene	6.76	146	416930	44.20	ng	99
13) 1,4-Dichlorobenzene	6.84	146	427630	45.68	ng	98
14) 1,2-Dichlorobenzene	6.84	146	427630	48.80	ng	97
15) Benzyl Alcohol	6.97	79	397651	52.43	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	490604	38.63	ng	90
17) 2-Methylphenol	7.08	107	348852	49.89	ng	98
18) Hexachloroethane	7.34	117	185668	51.27	ng	# 85
19) n-Nitroso-di-n-propylamine	7.24	70	312224	45.11	ng	92
20) 3+4-Methylphenols	7.23	107	352561	42.01	ng	# 79
22) Acetophenone	7.23	105	524165	51.11	ng	# 82
24) Nitrobenzene	7.40	77	405057	49.82	ng	# 80
25) Isophorone	7.64	82	809553	54.20	ng	# 91
26) 2-Nitrophenol	7.72	139	191181	57.34	ng	# 93
27) 2,4-Dimethylphenol	7.77	122	342401	49.31	ng	92
28) bis(2-Chloroethoxy)methane	7.86	93	489858	50.40	ng	# 96
29) 2,4-Dichlorophenol	7.96	162	288274	51.37	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	309709	50.29	ng	96
31) Naphthalene	8.14	128	1103663	52.98	ng	100
32) Benzoic acid	7.87	122	124089	24.61	ng	# 79
33) 4-Chloroaniline	8.18	127	160492	17.32	ng	95
34) Hexachlorobutadiene	8.25	225	154701	46.91	ng	97
35) Caprolactam	8.55	113	106944	56.11	ng	# 80
36) 4-Chloro-3-methylphenol	8.66	107	323901	48.81	ng	90
37) 2-Methylnaphthalene	8.82	142	593892	44.27	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	257250	44.89	ng	# 1
40) Hexachlorocyclopentadiene	8.98	237	183765	65.33	ng	99

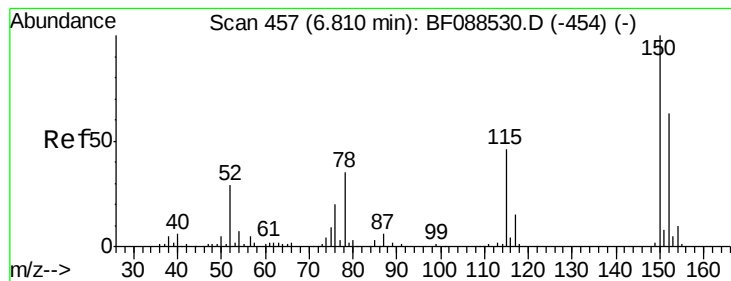
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
 Data File : BF088555.D
 Acq On : 1 Jul 2016 3:44
 Operator : UM/SJ
 Sample : H3630-08MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Quant Time: Jul 01 05:33:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 01 01:58:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	172914	45.76	ng	96
43) 2,4,5-Trichlorophenol	9.14	196	145471	44.75	ng #	67
45) 1,1'-Biphenyl	9.29	154	713291	49.99	ng	96
46) 2-Chloronaphthalene	9.31	162	560740	50.06	ng	97
47) 2-Nitroaniline	9.40	65	208646	52.49	ng #	74
48) Acenaphthylene	9.72	152	828080	46.46	ng	99
49) Dimethylphthalate	9.59	163	691900	56.37	ng	99
50) 2,6-Dinitrotoluene	9.64	165	143979	52.92	ng #	56
51) Acenaphthene	9.90	154	514690	47.11	ng	97
52) 3-Nitroaniline	9.80	138	97561	28.21	ng #	88
53) 2,4-Dinitrophenol	9.91	184	25746	21.43	ng #	53
54) Dibenzofuran	10.07	168	744248	52.05	ng #	90
55) 4-Nitrophenol	9.98	139	253474	96.45	ng #	71
56) 2,4-Dinitrotoluene	10.04	165	186105	52.32	ng #	59
57) Fluorene	10.41	166	540471	49.05	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	128361	51.04	ng #	44
59) Diethylphthalate	10.28	149	607888	49.35	ng	99
60) 4-Chlorophenyl-phenylether	10.40	204	223037	43.56	ng	93
61) 4-Nitroaniline	10.42	138	145165	43.62	ng	99
62) Azobenzene	10.56	77	697301	49.62	ng	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	27133	17.78	ng #	85
65) n-Nitrosodiphenylamine	10.51	169	478595	49.56	ng	99
66) 4-Bromophenyl-phenylether	10.89	248	149705	52.07	ng	97
67) Hexachlorobenzene	10.95	284	139596	43.86	ng #	84
68) Atrazine	11.05	200	156169	51.90	ng	95
69) Pentachlorophenol	11.14	266	161040	85.49	ng	96
70) Phenanthrene	11.36	178	677202	43.42	ng	100
71) Anthracene	11.42	178	773516	49.88	ng	99
72) Carbazole	11.57	167	642744	44.03	ng	99
73) Di-n-butylphthalate	11.91	149	828502	48.80	ng	99
74) Fluoranthene	12.56	202	645119	40.80	ng	97
77) Pyrene	12.78	202	668612	46.89	ng	100
79) Butylbenzylphthalate	13.41	149	305379	48.02	ng #	85
80) Benzo(a)anthracene	13.97	228	482748	44.58	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	83323	20.47	ng #	93
82) Chrysene	14.00	228	433690	40.48	ng	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	327643	45.13	ng #	94
84) Di-n-octyl phthalate	14.58	149	521703	42.29	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	484722	58.81	ng #	100
87) Benzo(b)fluoranthene	15.03	252	866189	81.08	ng #	86
88) Benzo(k)fluoranthene	15.03	252	868347	93.37	ng #	91
89) Benzo(a)pyrene	15.35	252	407615	45.07	ng #	90
90) Dibenzo(a,h)anthracene	16.81	278	403910	53.48	ng	98
91) Benzo(g,h,i)perylene	17.20	276	408988	52.33	ng	99

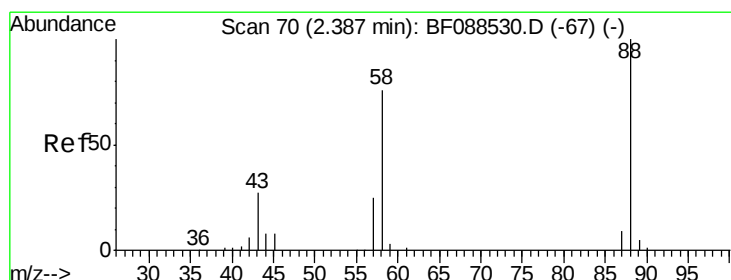
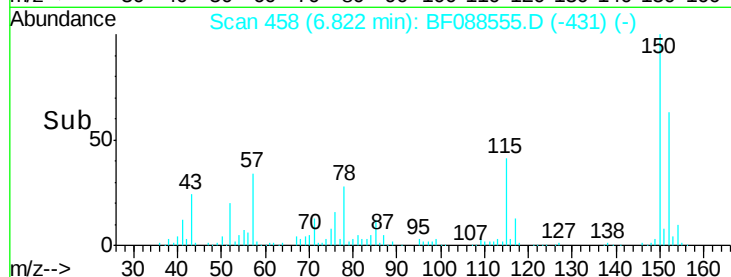
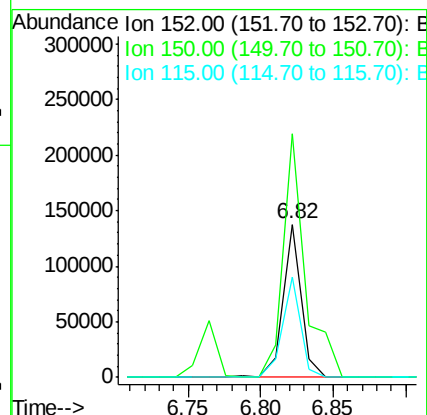
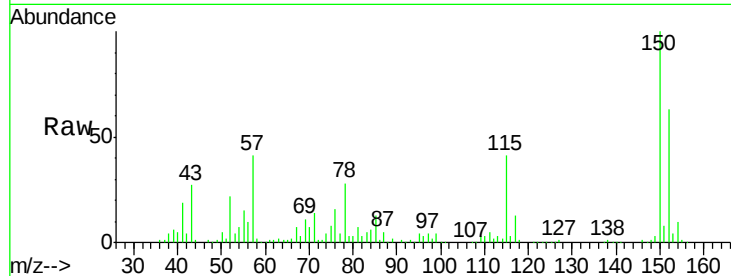
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 458
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

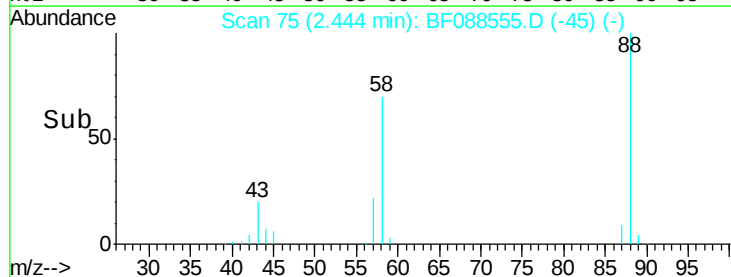
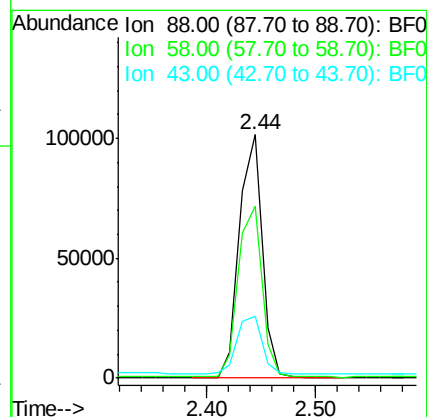
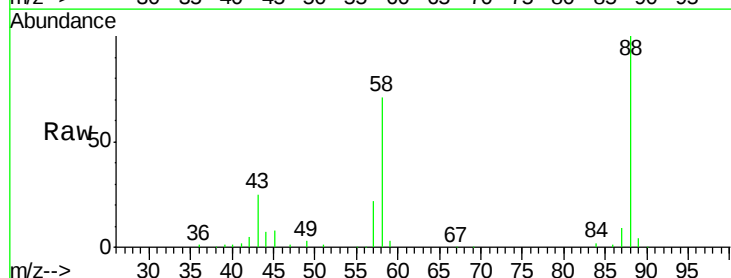
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tgt Ion:152 Resp: 119525
 Ion Ratio Lower Upper
 152 100
 150 158.9 123.8 185.6
 115 65.5 39.6 59.4#



#2
 1,4-Dioxane
 Concen: 37.22 ng
 RT: 2.44 min Scan# 75
 Delta R.T. 0.05 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Tgt Ion: 88 Resp: 147162
 Ion Ratio Lower Upper
 88 100
 58 72.9 0.0 0.0#
 43 26.0 3.4 5.2#





#3

Pyridine

Concen: 25.99 ng

RT: 3.14 min Scan# 136

Delta R.T. 0.06 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

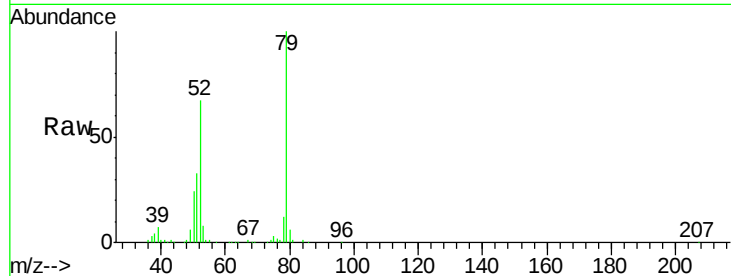
Tgt Ion: 79 Resp: 298227

Ion Ratio Lower Upper

79 100

52 67.1 56.3 84.5

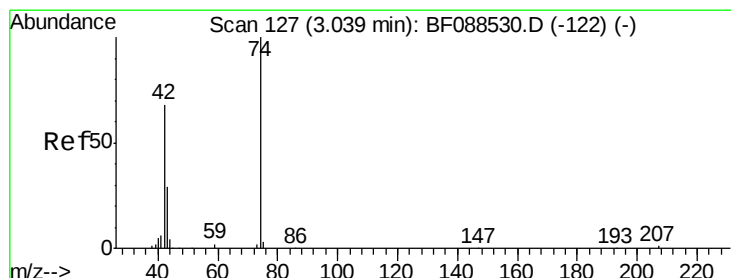
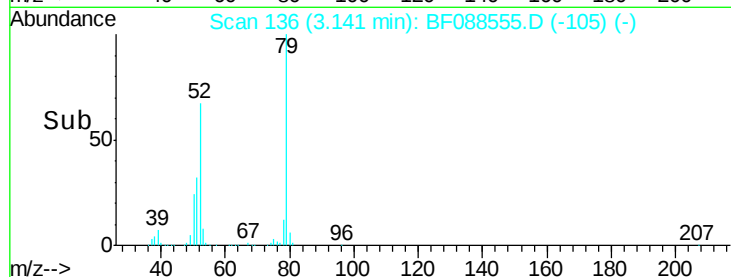
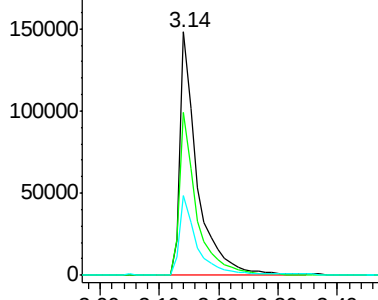
51 32.8 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 47.50 ng

RT: 3.10 min Scan# 132

Delta R.T. 0.06 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

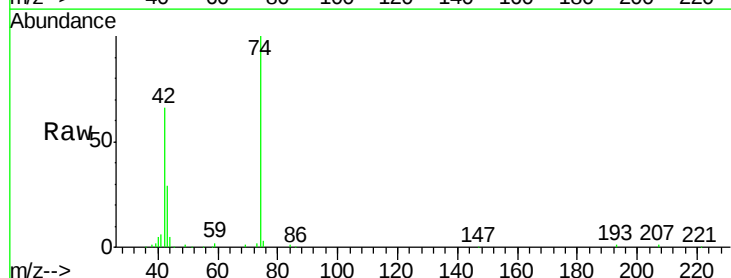
Tgt Ion: 42 Resp: 208200

Ion Ratio Lower Upper

42 100

74 152.0 108.6 163.0

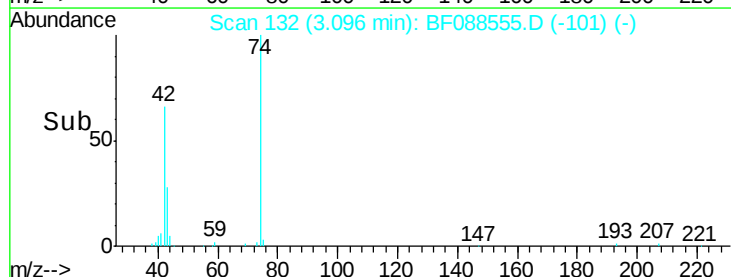
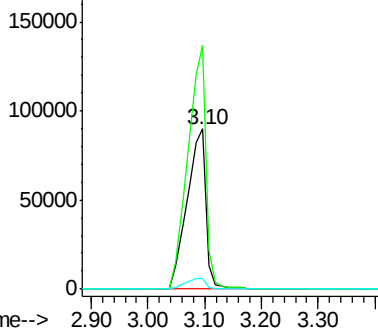
44 6.9 5.5 8.3

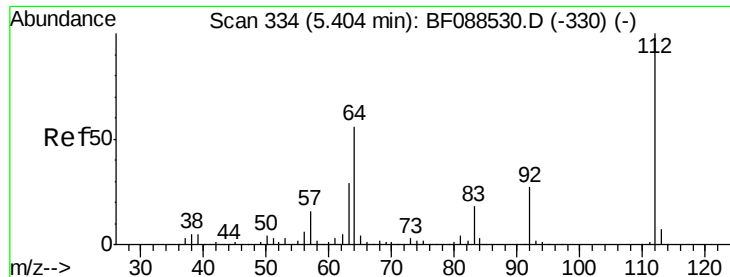


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 135.94 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.02 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

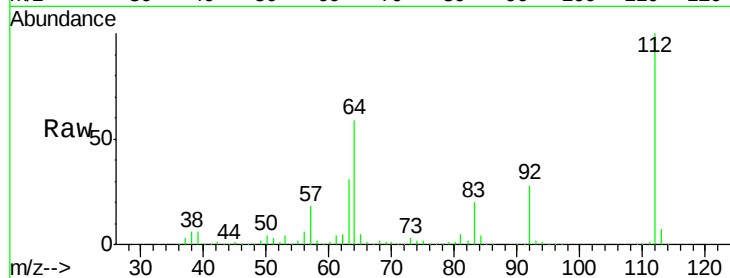
Tgt Ion: 112 Resp: 1084191

Ion Ratio Lower Upper

112 100

64 58.8 42.2 63.2

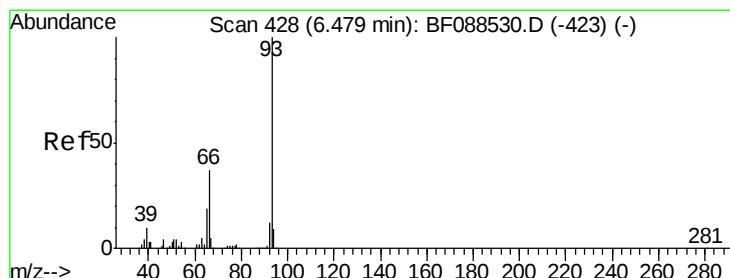
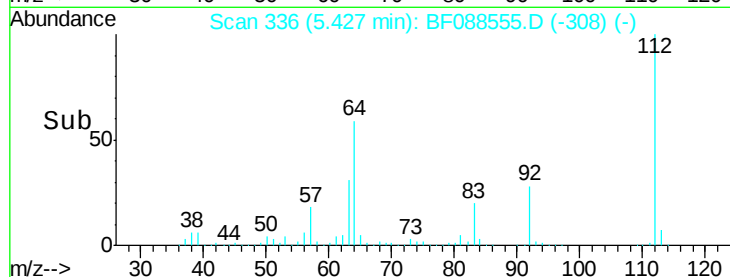
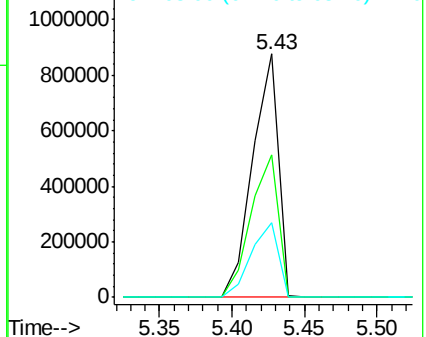
63 30.5 21.8 32.8



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



#6

Aniline

Concen: 45.28 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.08 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

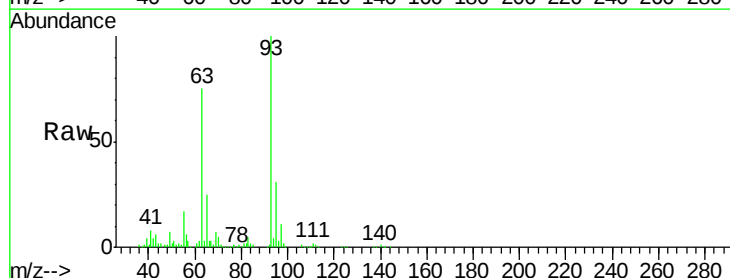
Tgt Ion: 93 Resp: 680058

Ion Ratio Lower Upper

93 100

66 3.5 29.8 44.8#

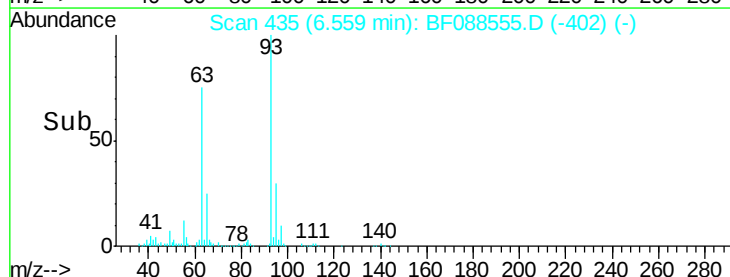
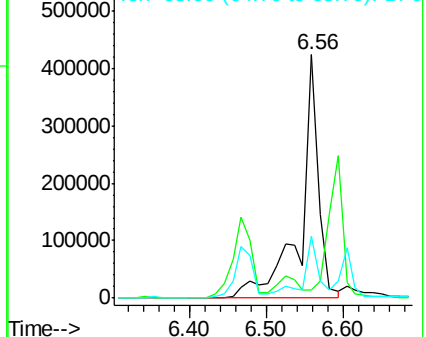
65 25.5 14.9 22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.84 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

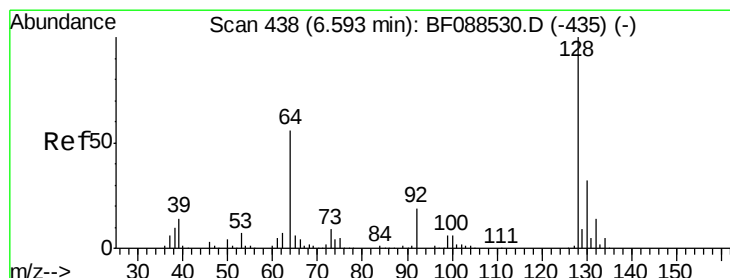
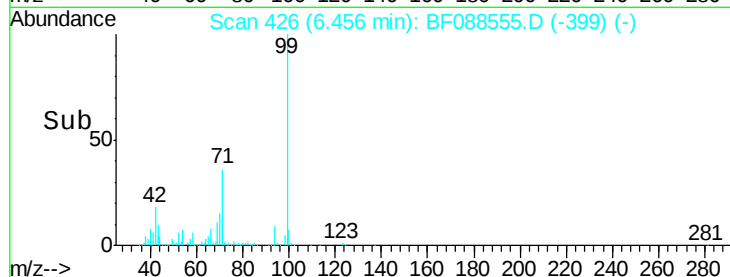
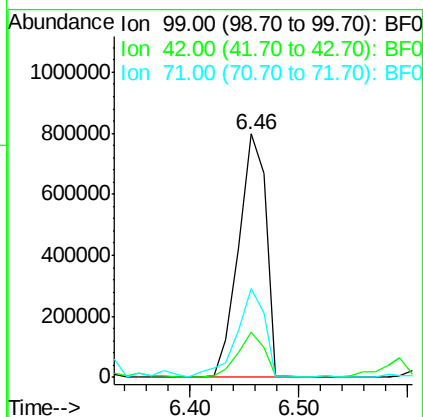
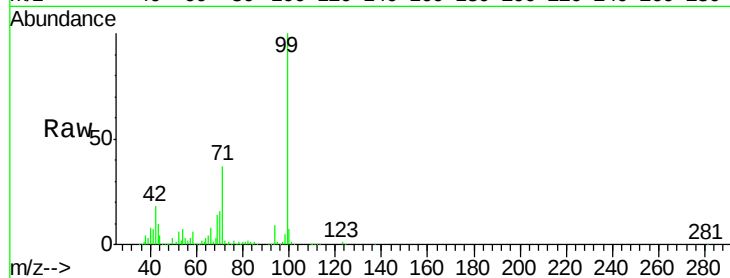
Tgt Ion: 99 Resp: 1389561

Ion Ratio Lower Upper

99 100

42 18.4 12.2 18.2#

71 36.7 23.4 35.0#



#8

2-Chlorophenol

Concen: 42.59 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

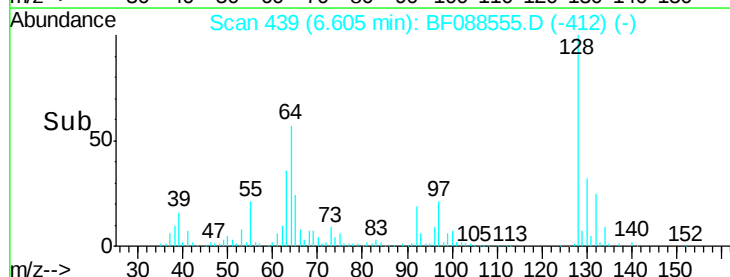
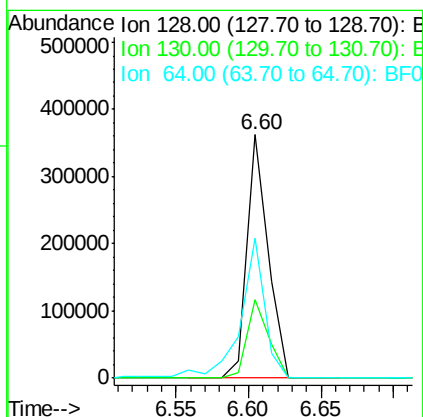
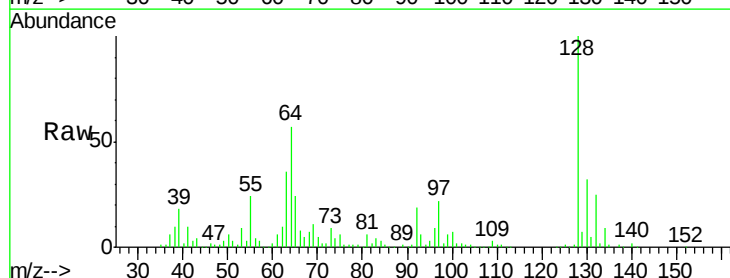
Tgt Ion: 128 Resp: 365031

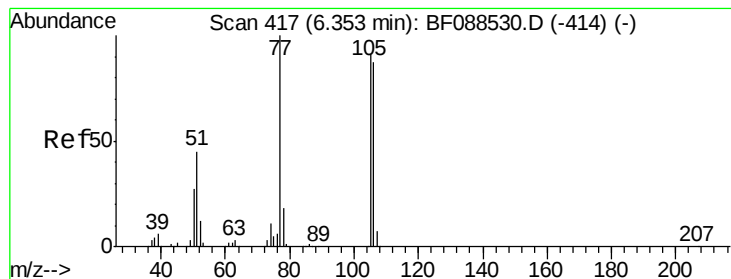
Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

64 57.5 30.8 70.8





#9

Benzaldehyde

Concen: 2.12 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

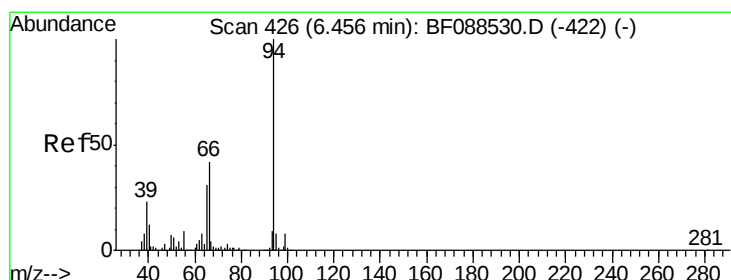
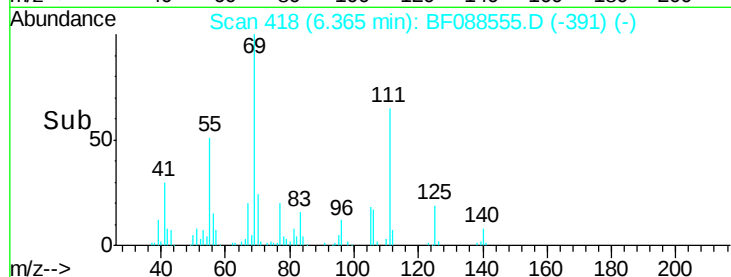
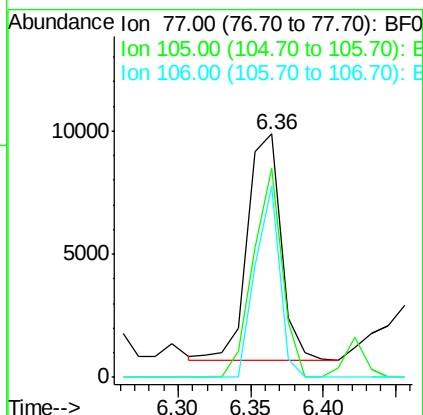
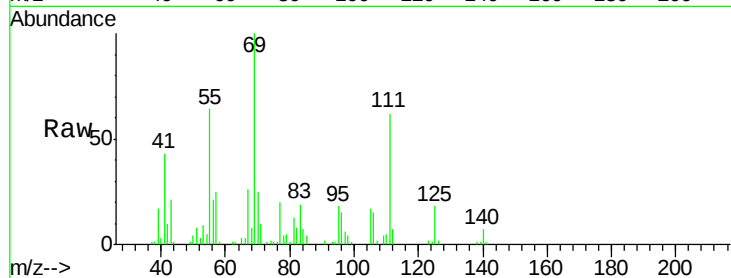
Tgt Ion: 77 Resp: 14773

Ion Ratio Lower Upper

77 100

105 85.6 90.6 130.6#

106 78.4 85.3 125.3#



#10

Phenol

Concen: 38.29 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.02 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

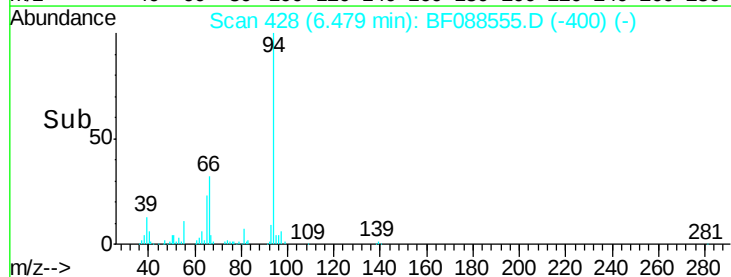
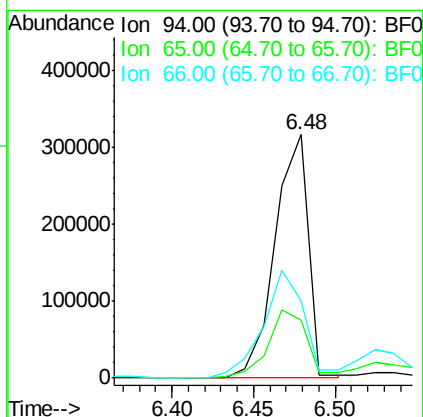
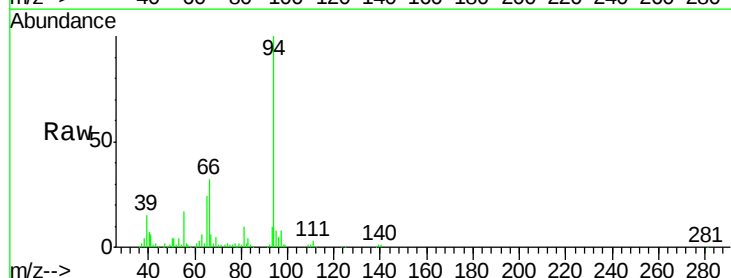
Tgt Ion: 94 Resp: 450284

Ion Ratio Lower Upper

94 100

65 23.8 5.9 45.9

66 31.8 14.0 54.0

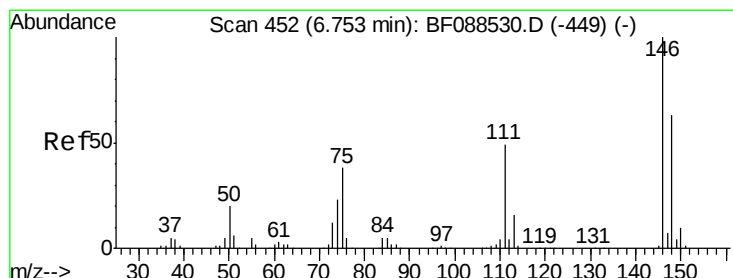
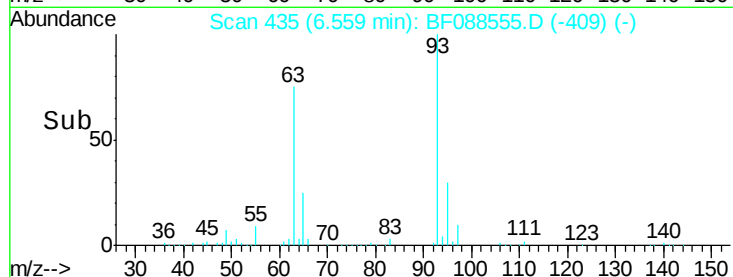
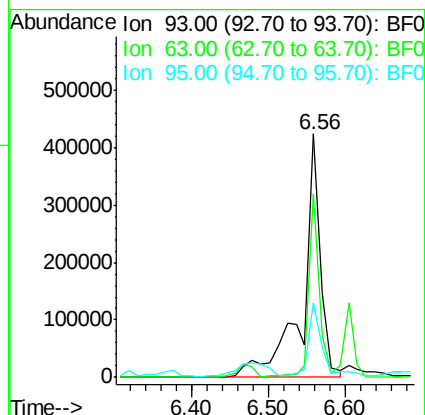
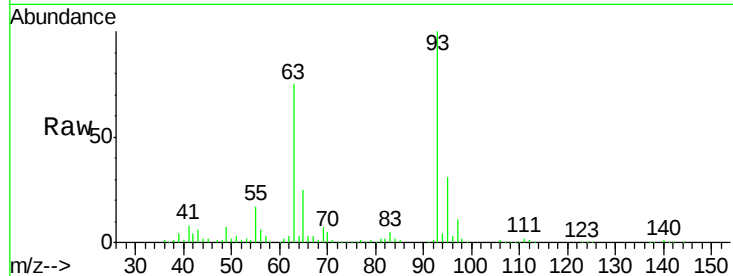




#11
bis(2-Chloroethyl)ether
Concen: 77.54 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

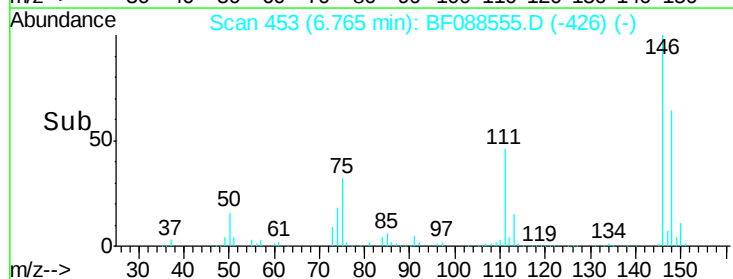
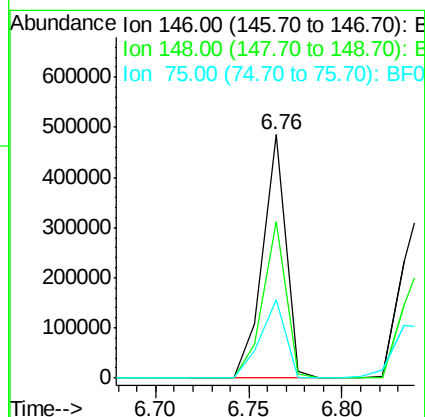
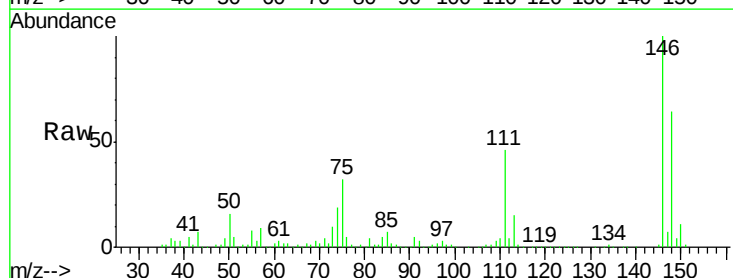
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

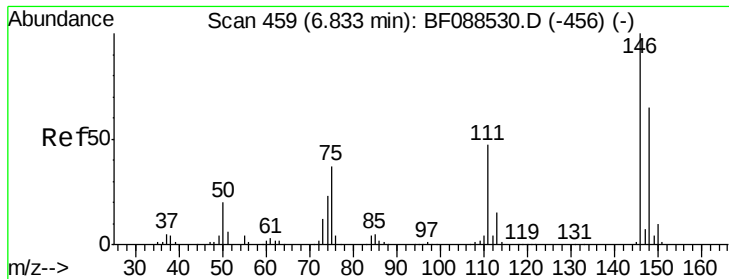
Tgt Ion: 93 Resp: 680058
Ion Ratio Lower Upper
93 100
63 75.4 67.6 107.6
95 30.7 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 44.20 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion: 146 Resp: 416930
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 32.3 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 45.68 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

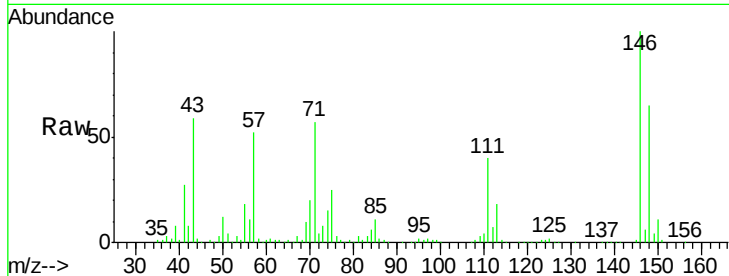
Tgt Ion:146 Resp: 427630

Ion Ratio Lower Upper

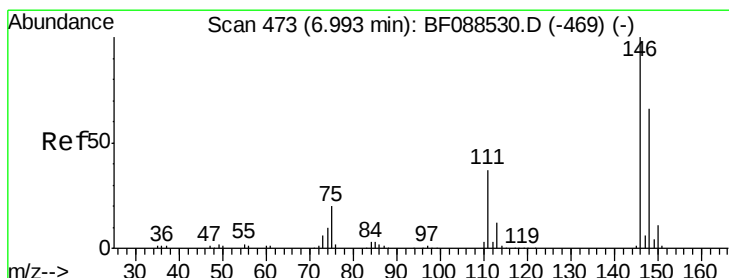
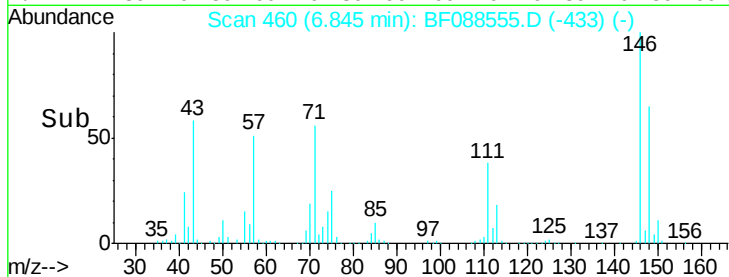
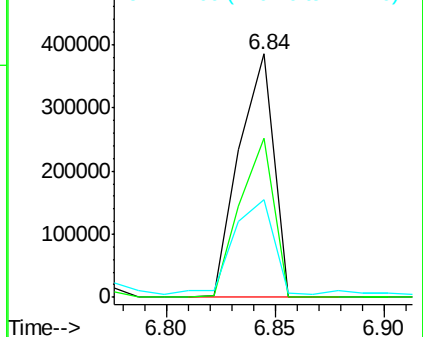
146 100

148 65.4 52.0 78.0

111 40.4 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: 48.80 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.15 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

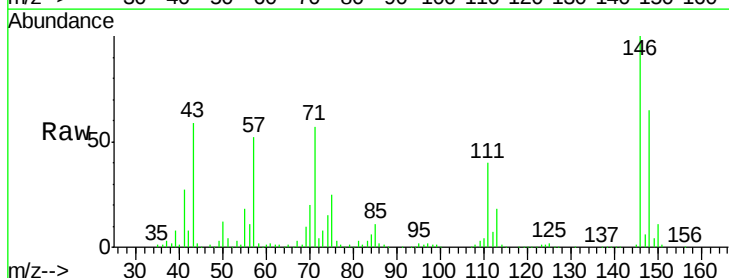
Tgt Ion:146 Resp: 427630

Ion Ratio Lower Upper

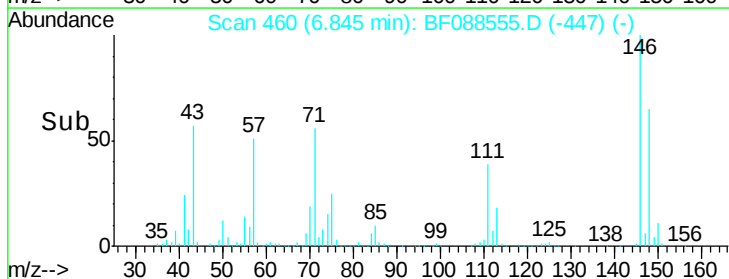
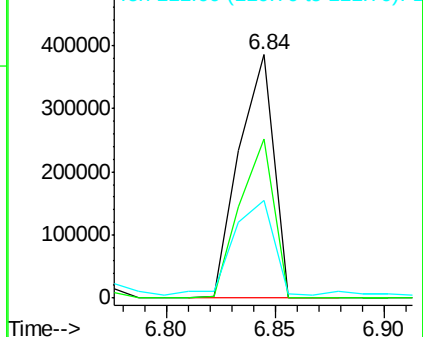
146 100

148 65.4 52.3 78.5

111 40.4 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: 52.43 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

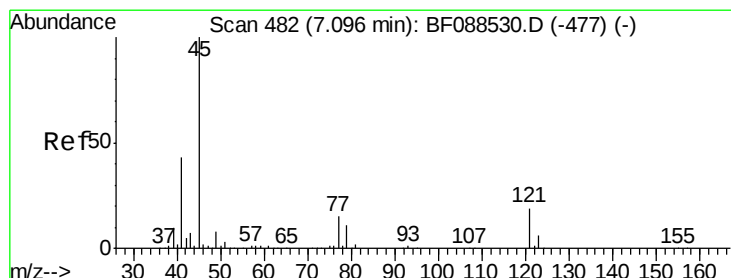
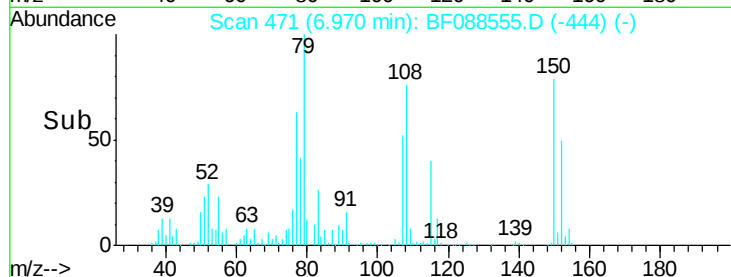
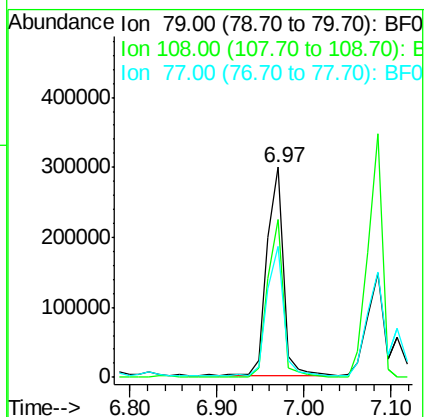
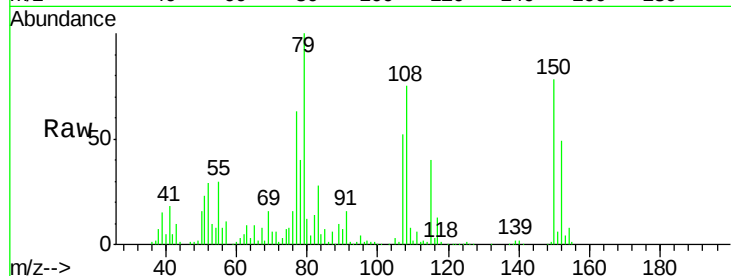
Tgt Ion: 79 Resp: 397651

Ion Ratio Lower Upper

79 100

108 74.8 65.0 97.6

77 62.5 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.63 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

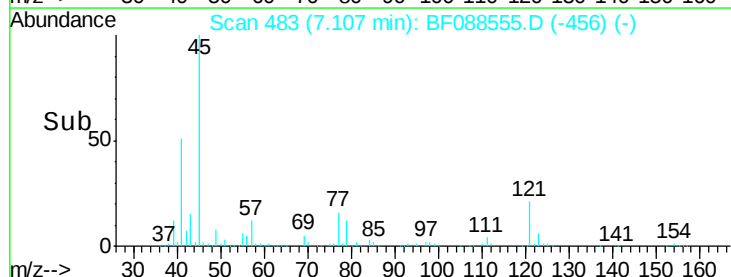
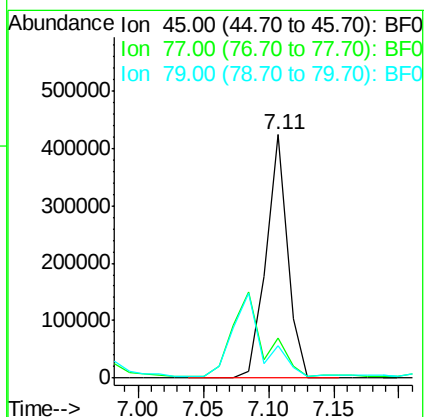
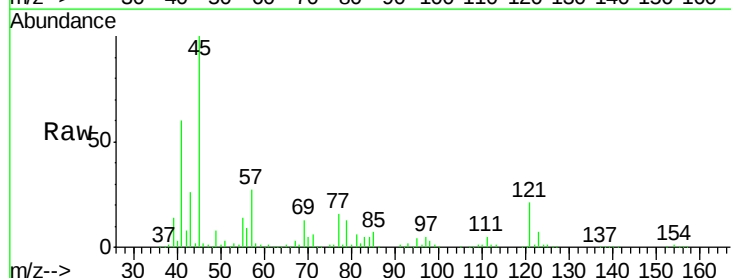
Tgt Ion: 45 Resp: 490604

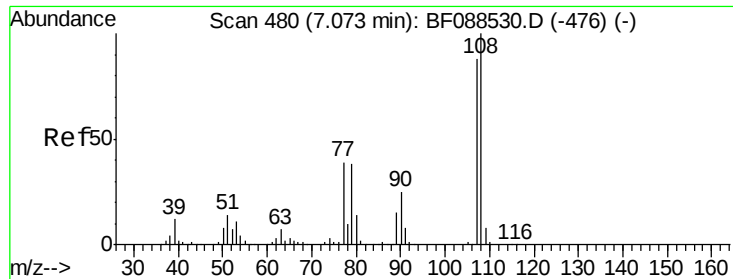
Ion Ratio Lower Upper

45 100

77 16.5 0.0 32.5

79 13.3 0.0 29.5

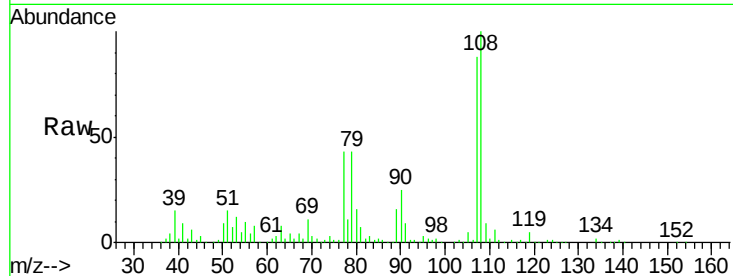




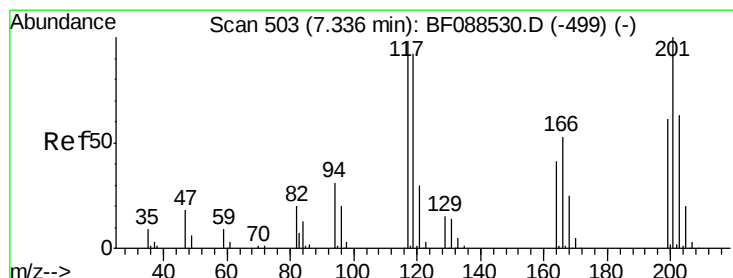
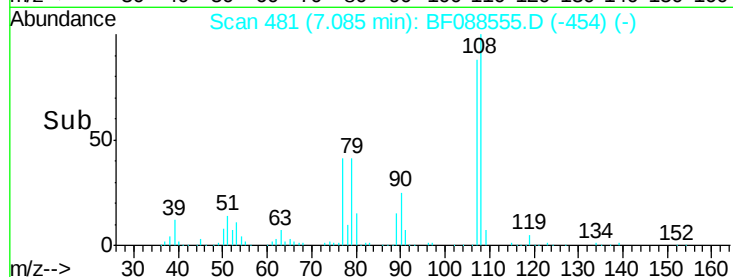
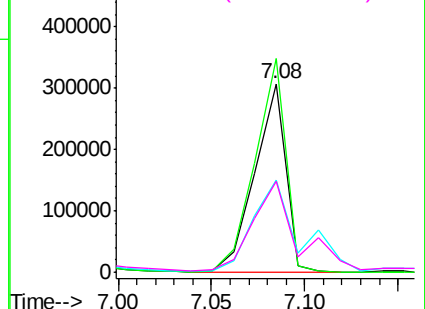
#17
2-Methylphenol
Concen: 49.89 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tgt Ion:107 Resp: 348852
Ion Ratio Lower Upper
107 100
108 113.2 90.9 136.3
77 48.7 36.6 55.0
79 48.2 36.5 54.7

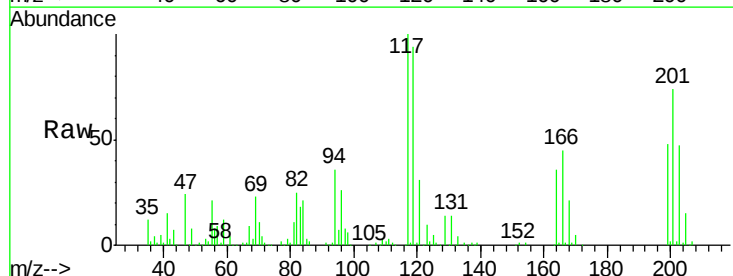


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

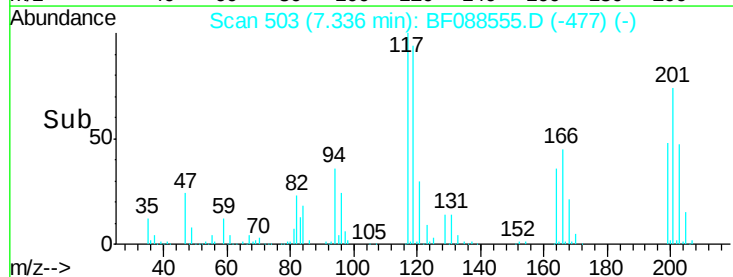
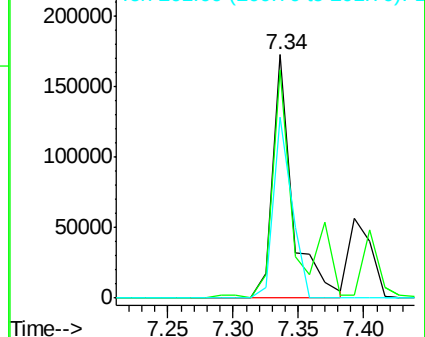


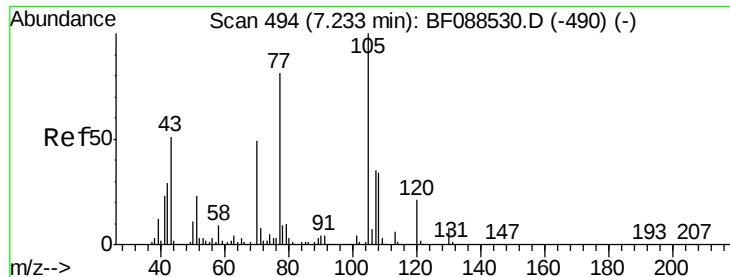
#18
Hexachloroethane
Concen: 51.27 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:117 Resp: 185668
Ion Ratio Lower Upper
117 100
119 93.8 77.4 116.2
201 74.3 80.4 120.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

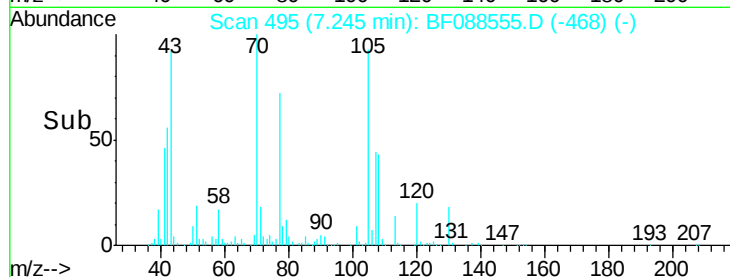
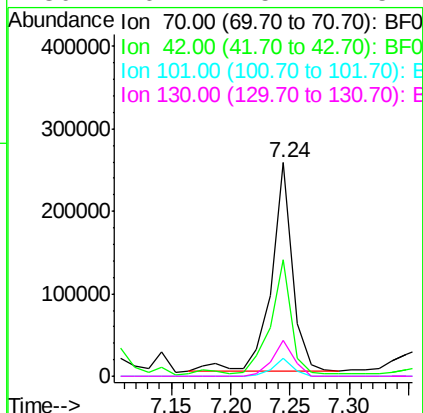
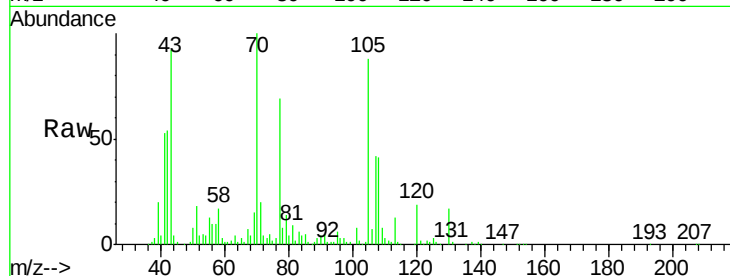




#19
n-Nitroso-di-n-propylamine
Concen: 45.11 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

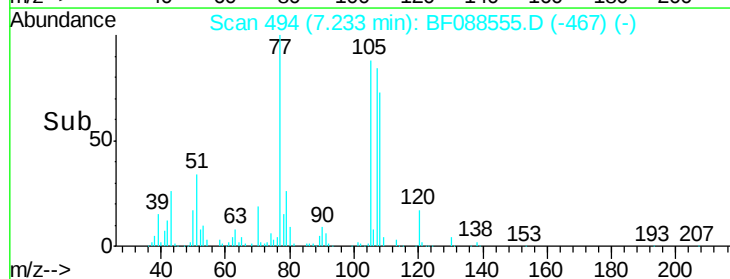
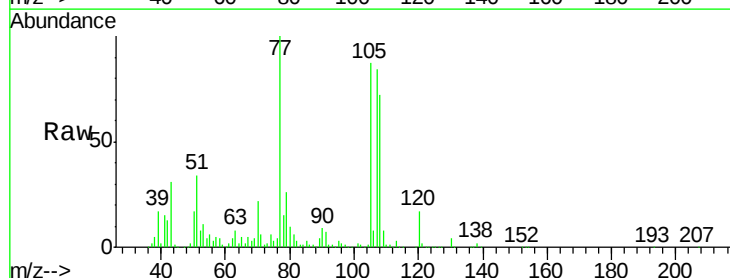
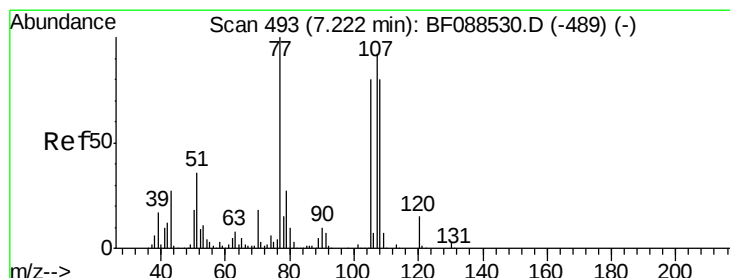
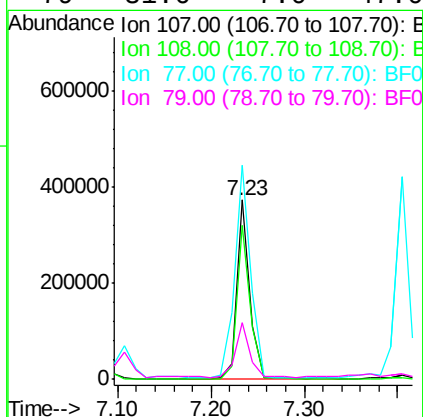
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

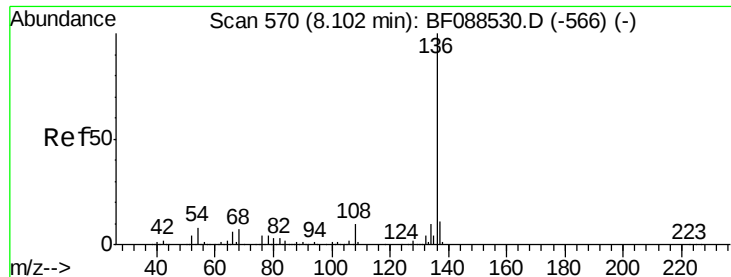
Tgt Ion: 70 Resp: 312224
Ion Ratio Lower Upper
70 100
42 54.5 49.6 74.4
101 8.4 7.1 10.7
130 16.7 15.4 23.2



#20
3+4-Methylphenols
Concen: 42.01 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:107 Resp: 352561
Ion Ratio Lower Upper
107 100
108 86.2 67.8 107.8
77 119.5 59.3 99.3#
79 31.6 7.0 47.0

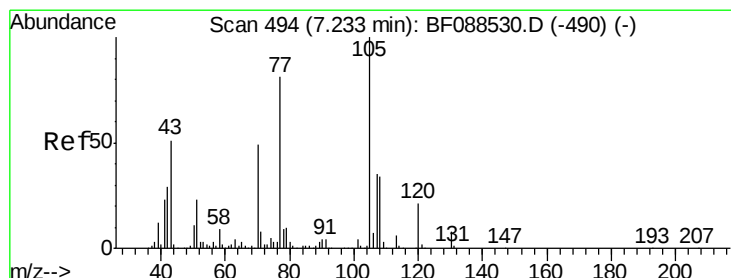
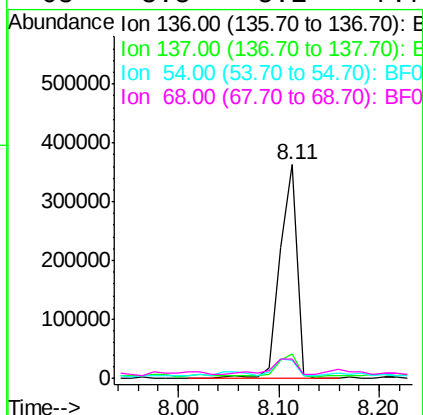
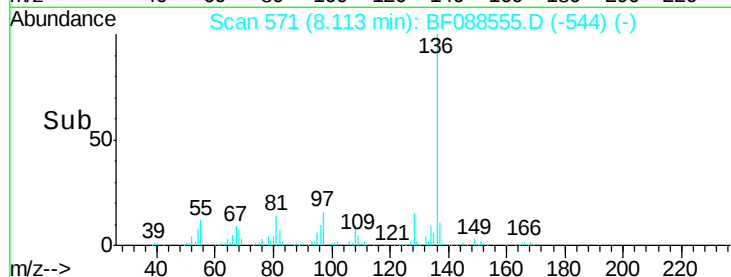
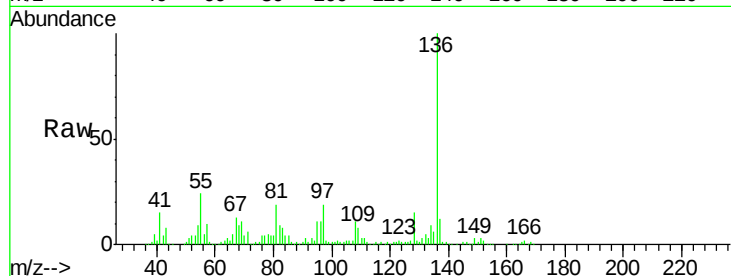




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

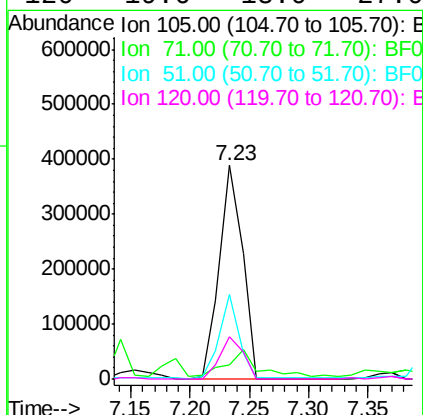
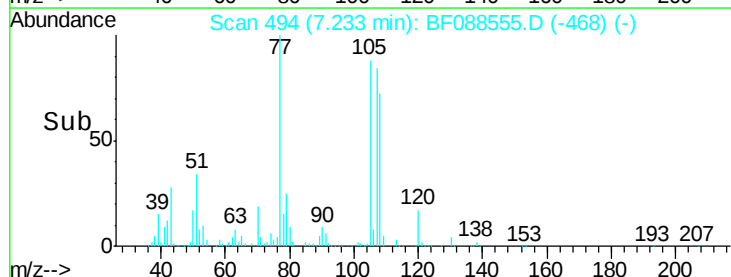
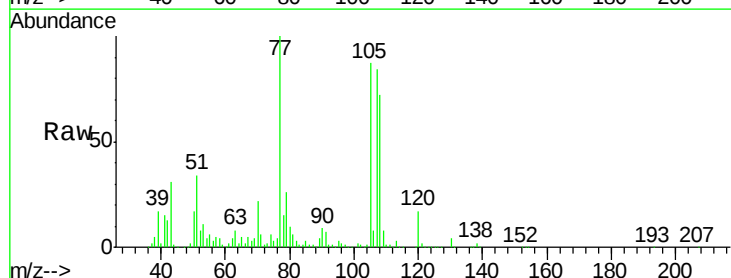
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

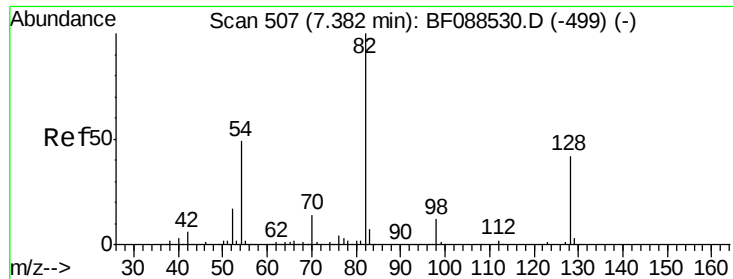
Tgt Ion:	136	Resp:	422568
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	8.7	6.6	10.0
68	8.8	5.1	7.7#



#22
Acetophenone
Concen: 51.11 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:	105	Resp:	524165
Ion Ratio	Lower	Upper	
105	100		
71	6.9	5.3	7.9
51	39.4	18.2	27.4#
120	19.6	18.0	27.0

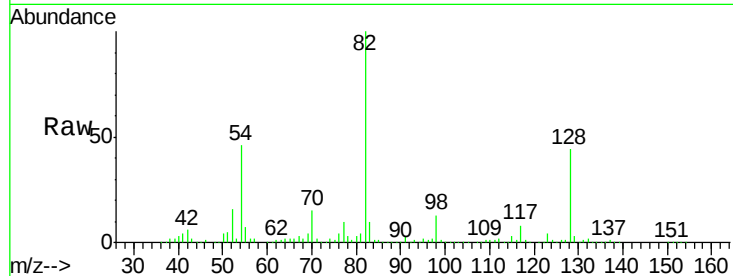




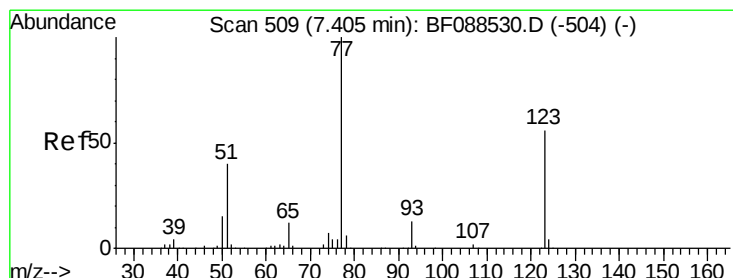
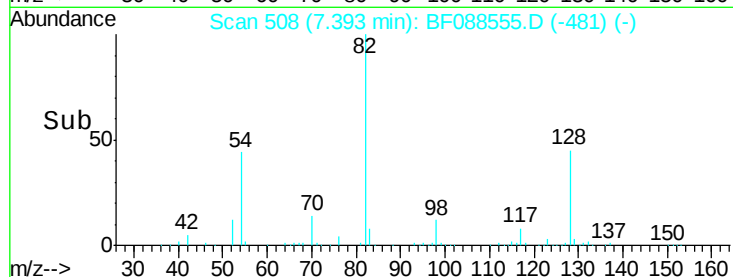
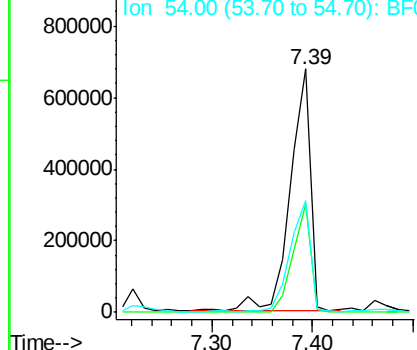
#23
Nitrobenzene-d5
Concen: 116.24 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tgt Ion: 82 Resp: 937311
Ion Ratio Lower Upper
82 100
128 44.5 35.9 53.9
54 45.7 40.9 61.3

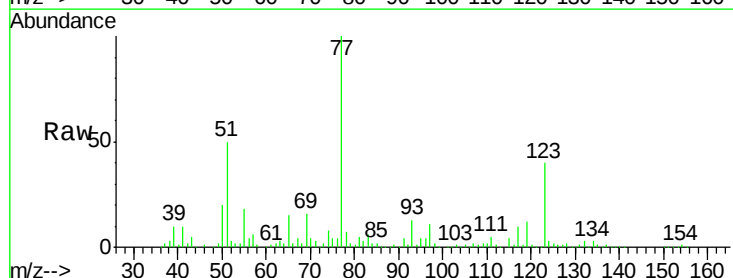


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

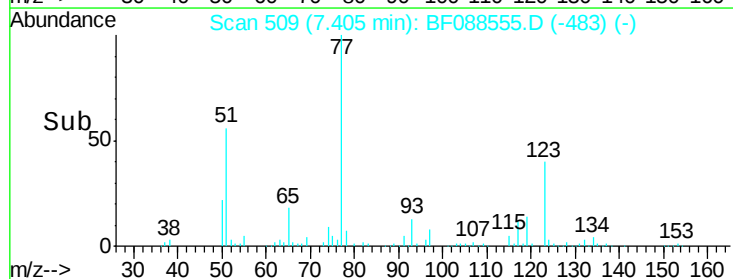
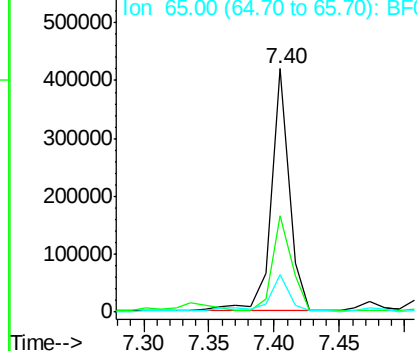


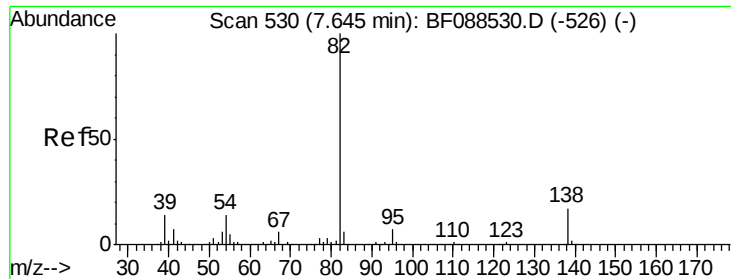
#24
Nitrobenzene
Concen: 49.82 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion: 77 Resp: 405057
Ion Ratio Lower Upper
77 100
123 39.8 45.0 67.4#
65 15.4 10.2 15.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF0

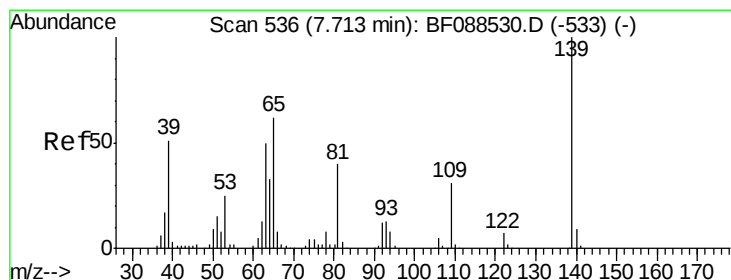
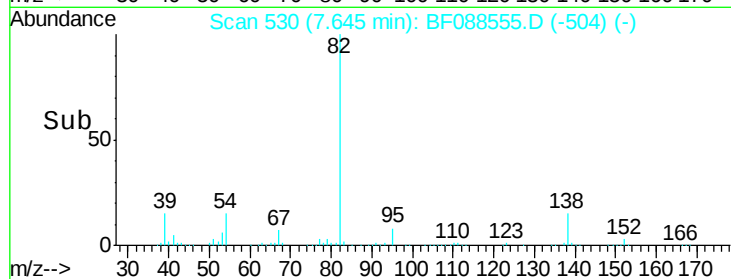
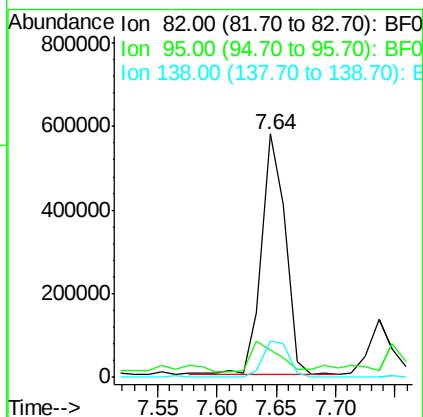
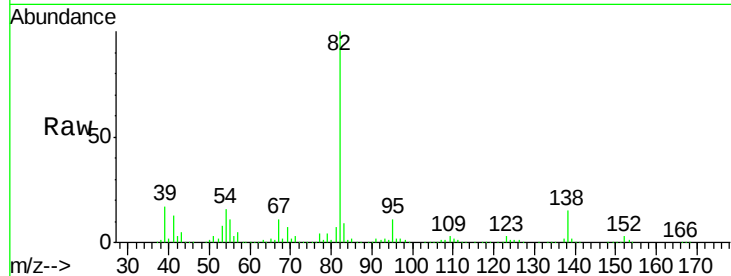




#25
Isophorone
Concen: 54.20 ng
RT: 7.64 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

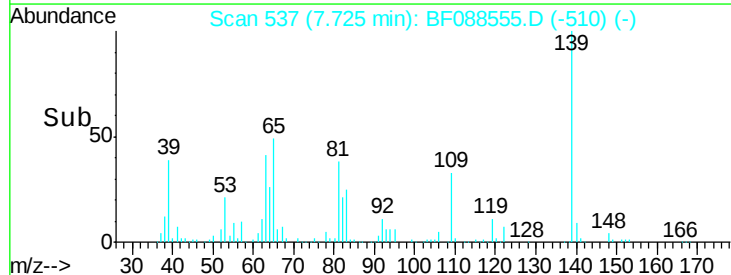
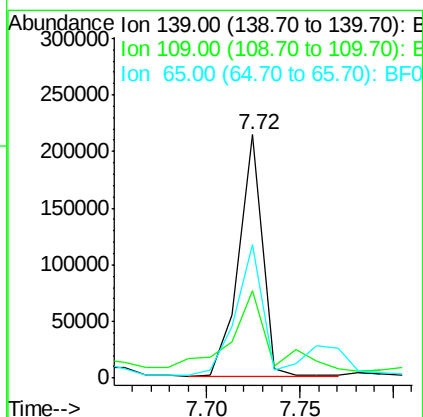
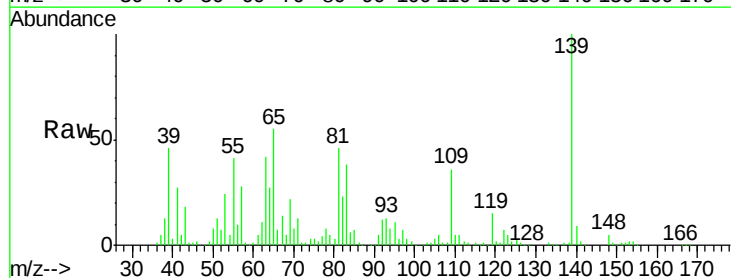
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

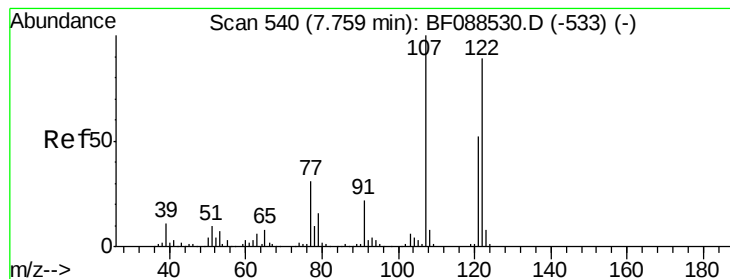
Tgt Ion: 82 Resp: 809553
Ion Ratio Lower Upper
82 100
95 11.5 5.4 8.2#
138 14.8 14.6 21.8



#26
2-Nitrophenol
Concen: 57.34 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion: 139 Resp: 191181
Ion Ratio Lower Upper
139 100
109 35.7 23.0 34.4#
65 54.7 45.8 68.8

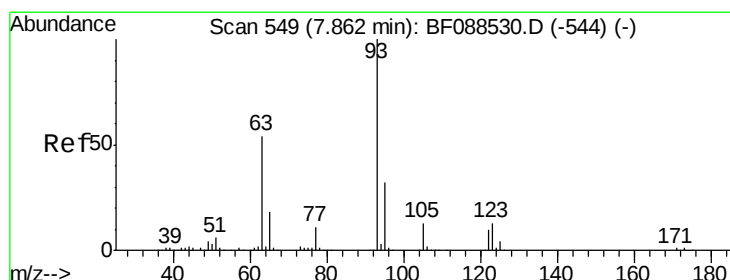
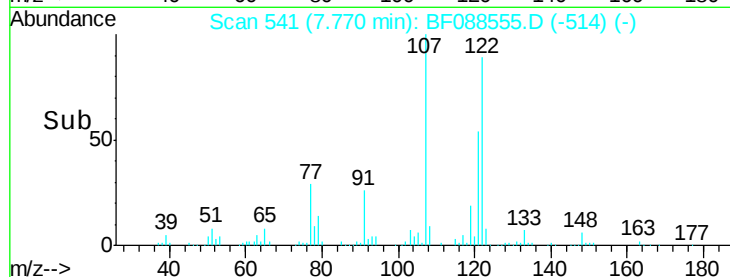
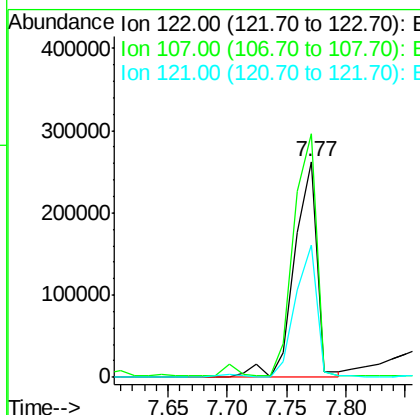
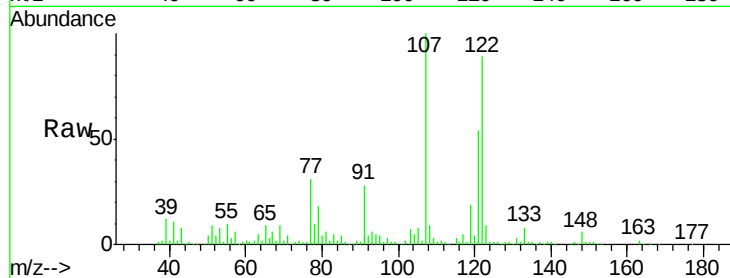




#27
 2,4-Dimethylphenol
 Concen: 49.31 ng
 RT: 7.77 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

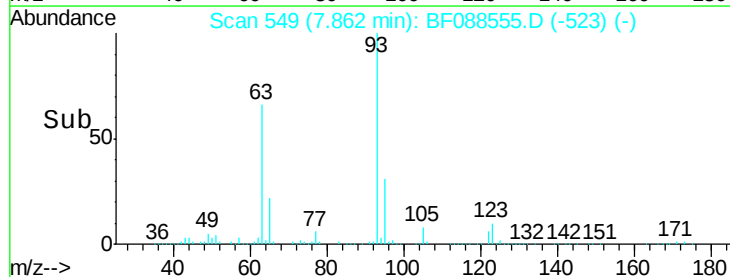
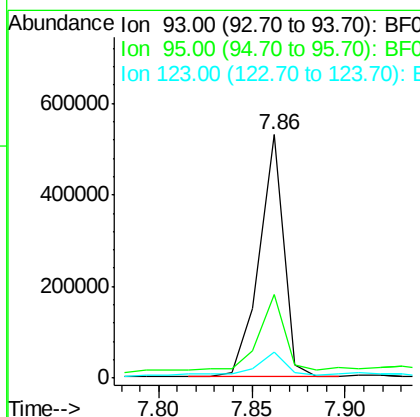
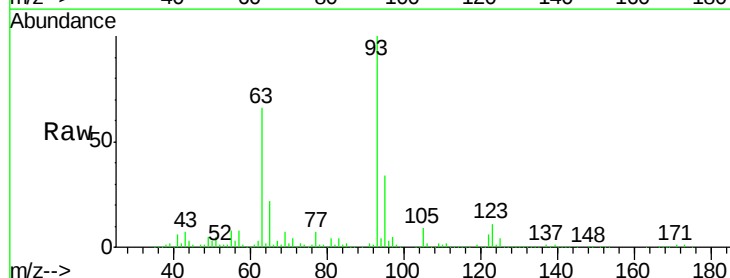
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

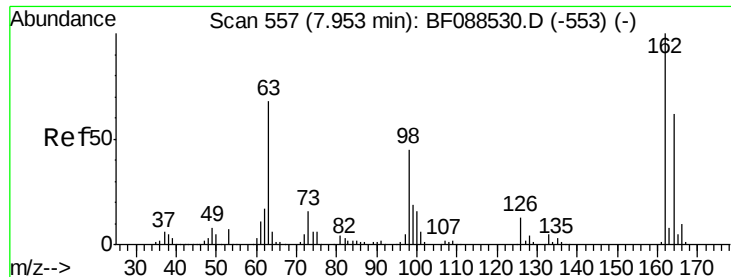
Tgt Ion	Ratio	Lower	Upper
122	100		
107	112.7	82.4	123.6
121	61.1	46.3	69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.40 ng
 RT: 7.86 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	26.5	39.7
123	10.8	11.6	17.4#

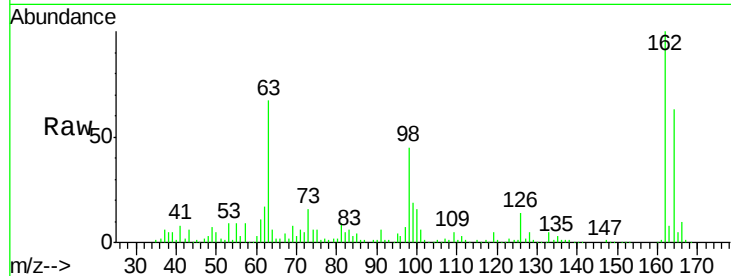




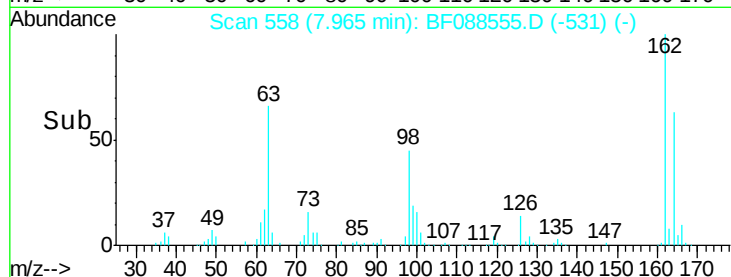
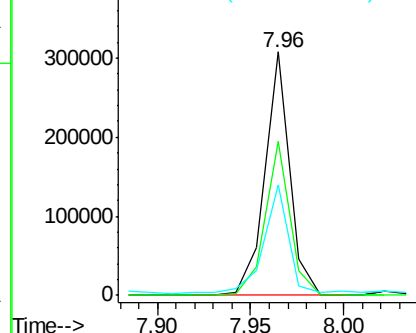
#29
 2,4-Dichlorophenol
 Concen: 51.37 ng
 RT: 7.96 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.8	83.8
98	45.4	21.3	61.3

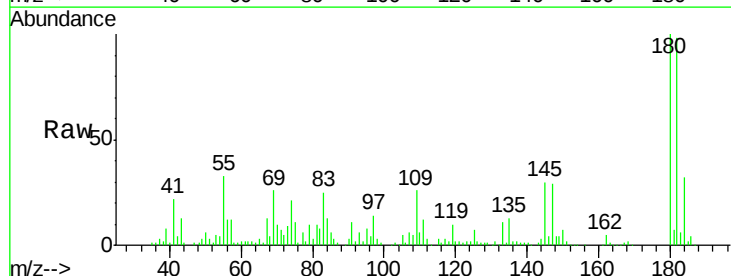


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

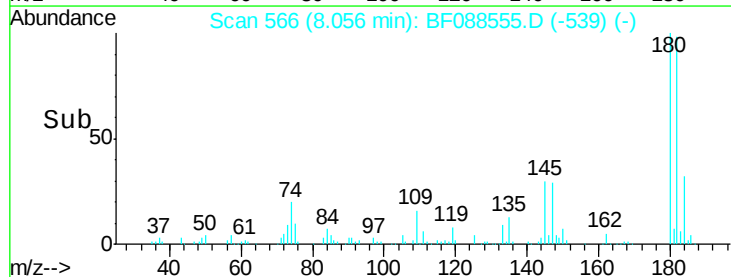
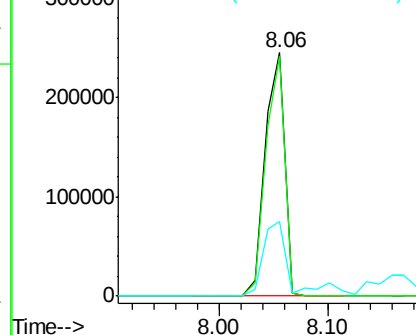


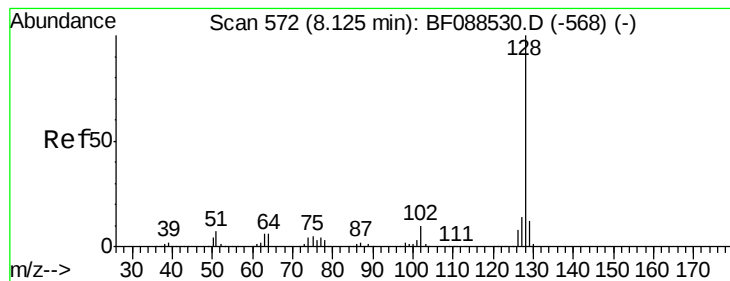
#30
 1,2,4-Trichlorobenzene
 Concen: 50.29 ng
 RT: 8.06 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	76.0	114.0
145	30.4	26.5	39.7



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





#31

Naphthalene

Concen: 52.98 ng

RT: 8.14 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

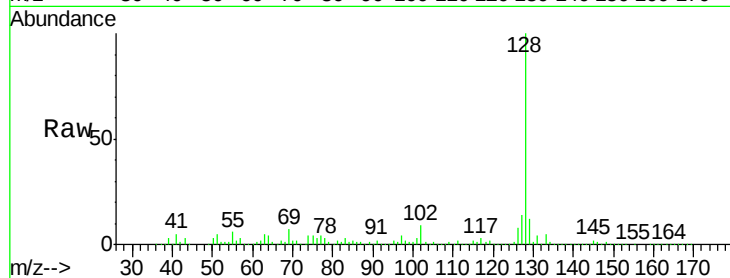
Tgt Ion:128 Resp: 1103663

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

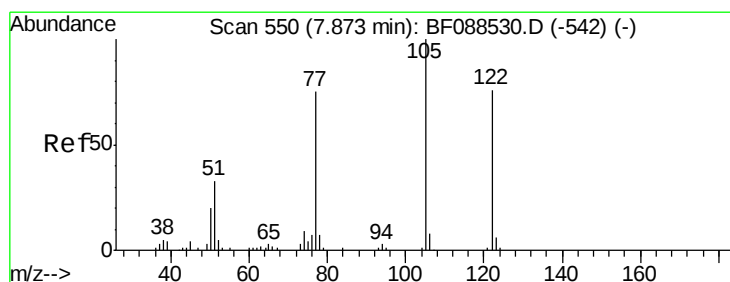
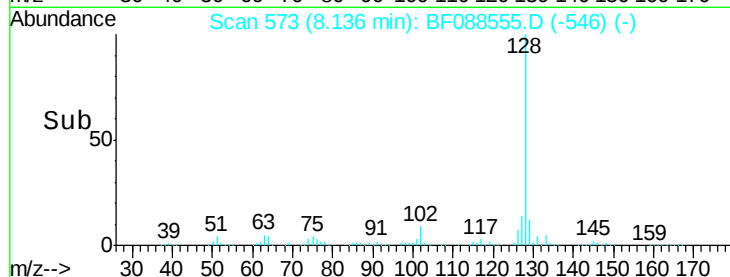
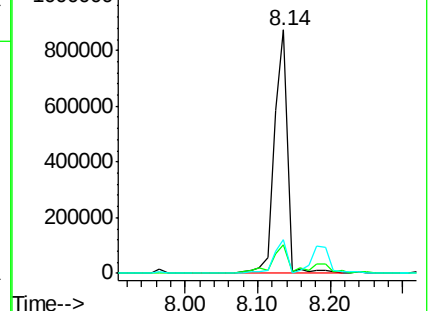
127 13.9 10.9 16.3



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: 24.61 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

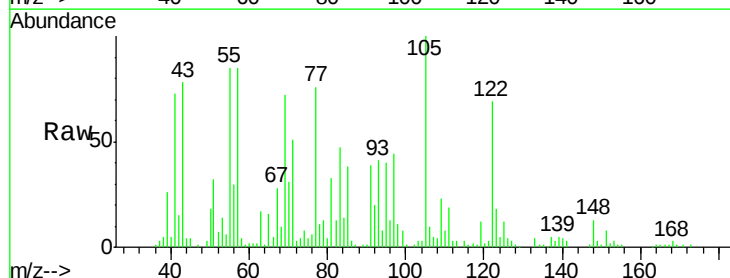
Tgt Ion:122 Resp: 124089

Ion Ratio Lower Upper

122 100

105 145.2 101.6 141.6#

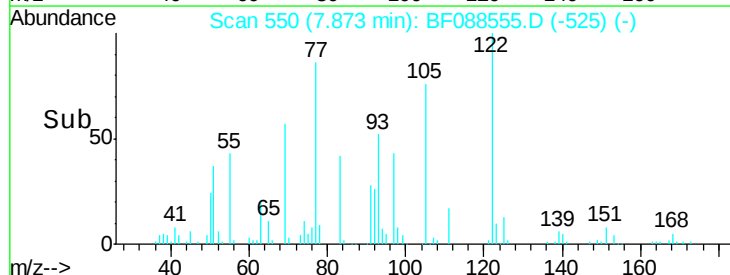
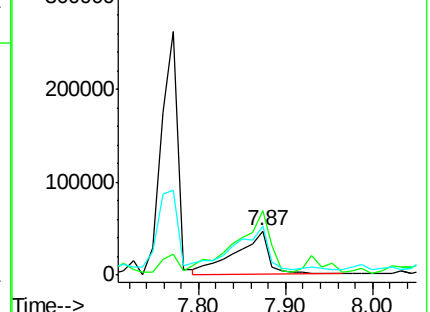
77 110.3 70.6 110.6

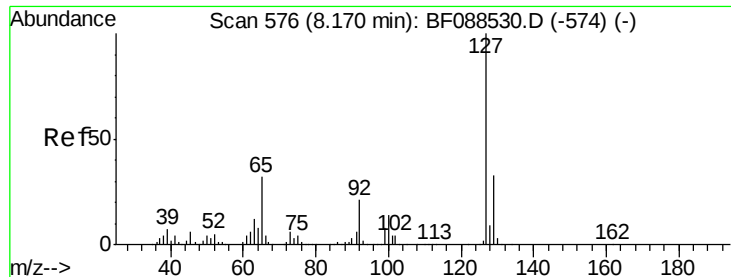


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

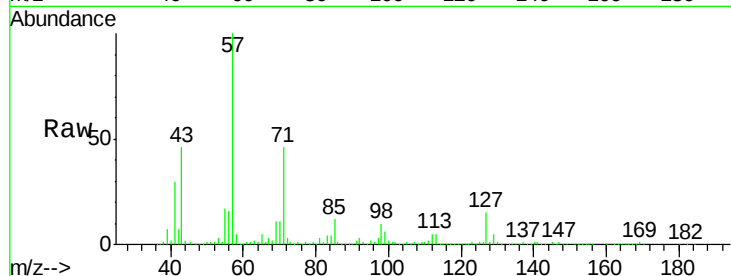




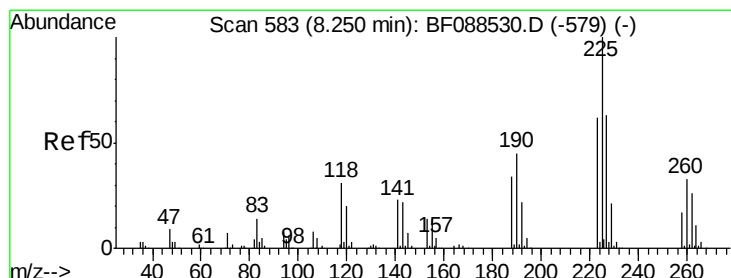
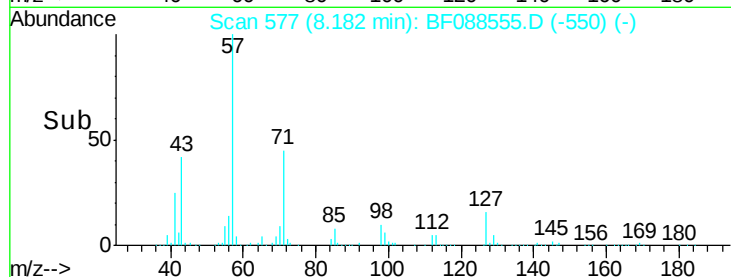
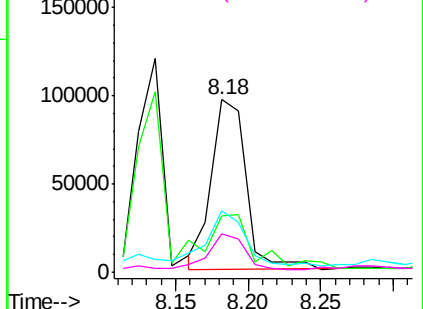
#33
4-Chloroaniline
Concen: 17.32 ng
RT: 8.18 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tgt Ion:	127	Resp:	160492
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	35.4	24.7	37.1
92	22.3	15.4	23.0

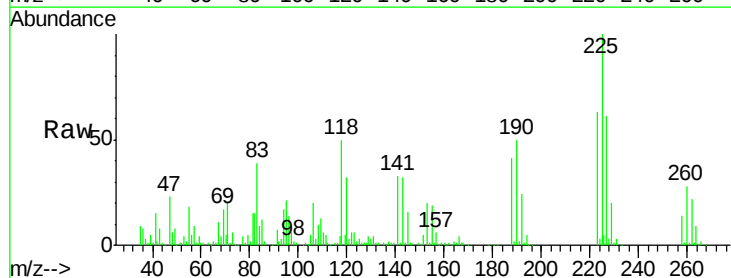


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

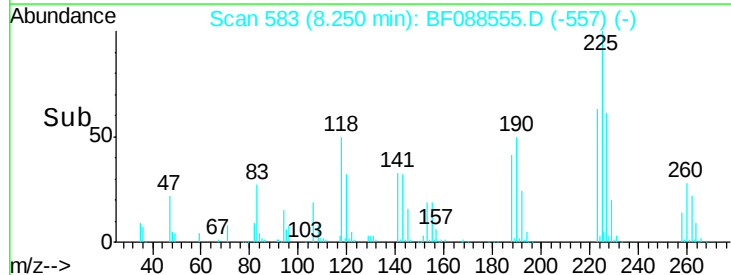
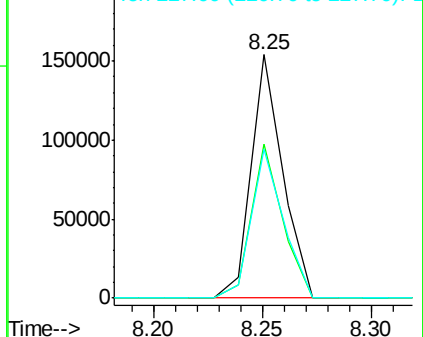


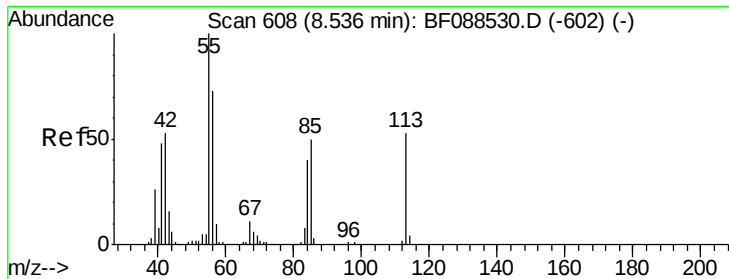
#34
Hexachlorobutadiene
Concen: 46.91 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:	225	Resp:	154701
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.9	76.3
227	60.9	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: 56.11 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

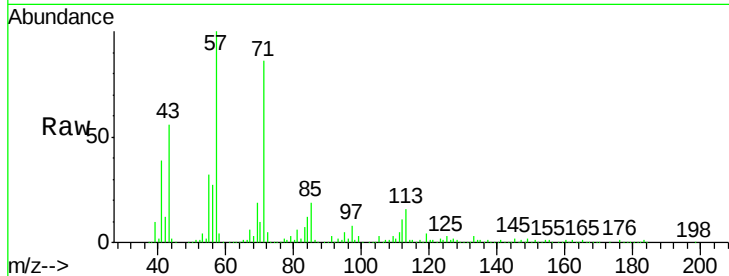
Tgt Ion:113 Resp: 106944

Ion Ratio Lower Upper

113 100

55 194.1 158.6 198.6

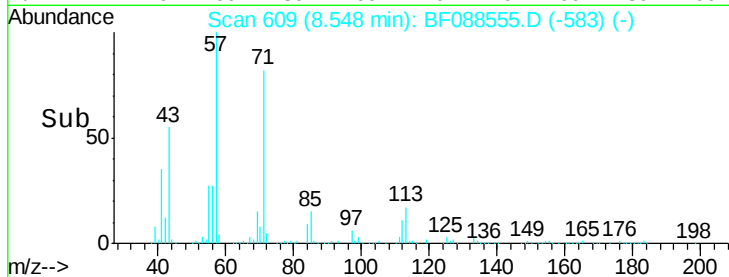
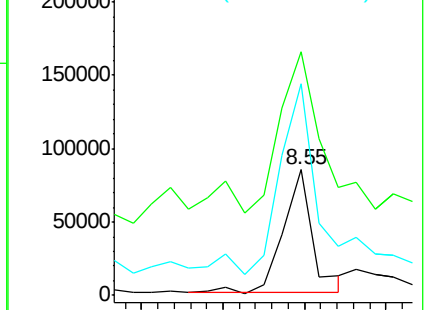
56 168.8 110.6 150.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.81 ng

RT: 8.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

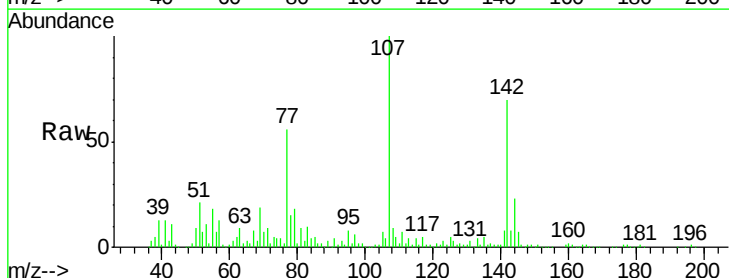
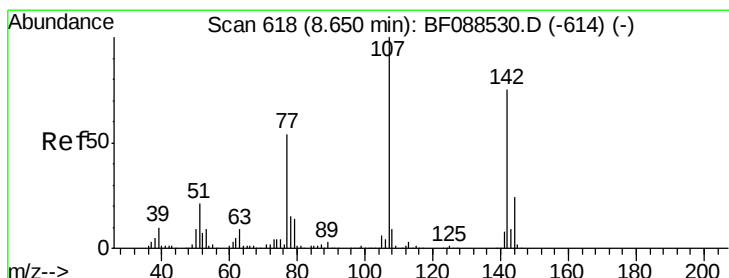
Tgt Ion:107 Resp: 323901

Ion Ratio Lower Upper

107 100

144 22.8 20.8 31.2

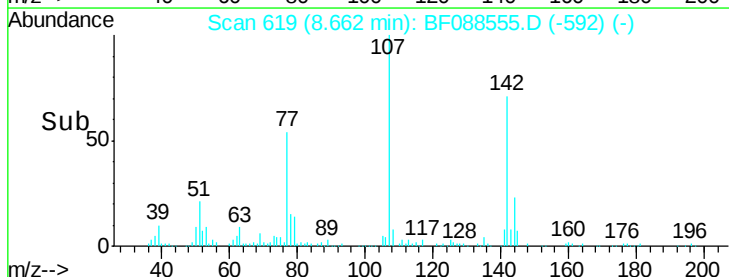
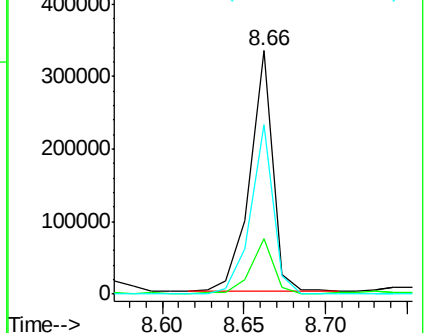
142 69.7 63.4 95.2

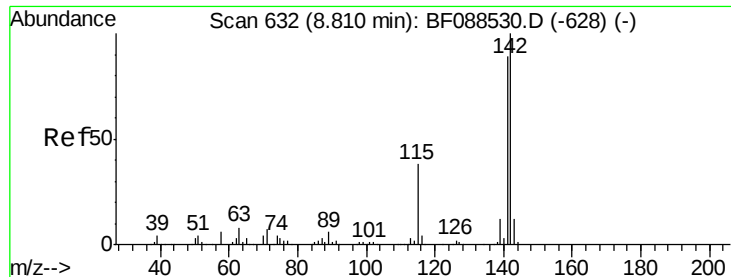


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

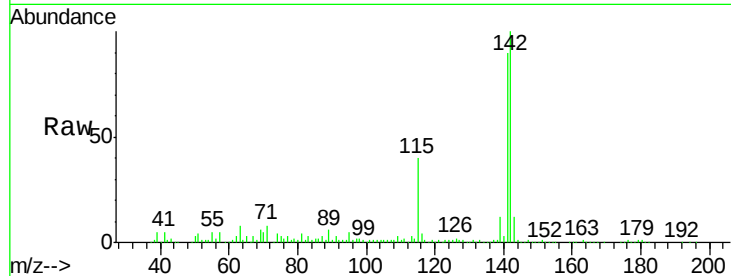




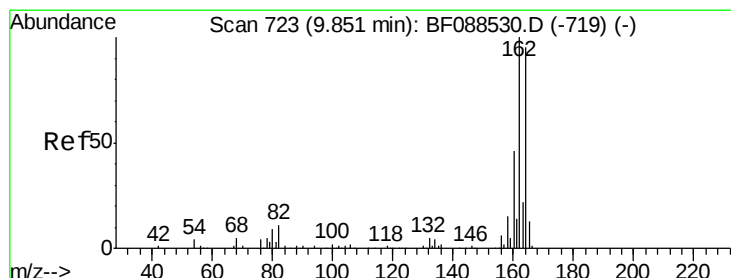
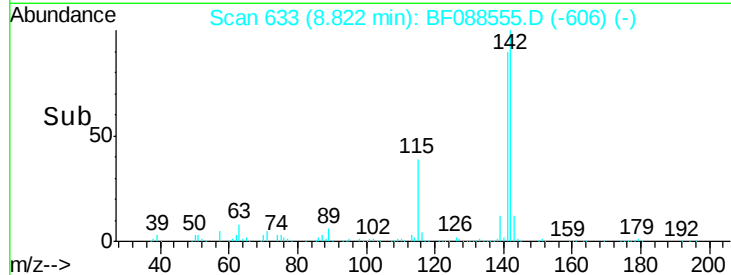
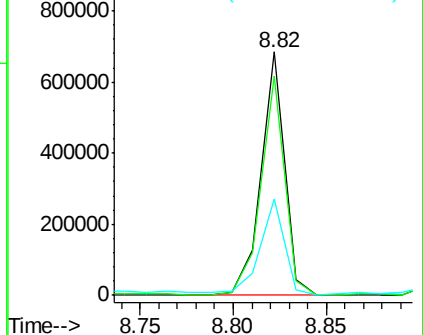
#37
 2-Methylnaphthalene
 Concen: 44.27 ng
 RT: 8.82 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tgt Ion:142 Resp: 593892
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.0 106.6
 115 39.7 22.6 33.8#

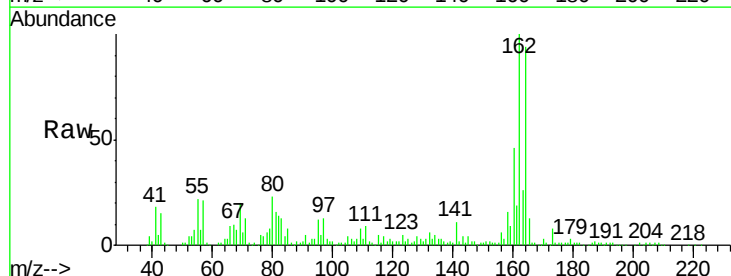


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

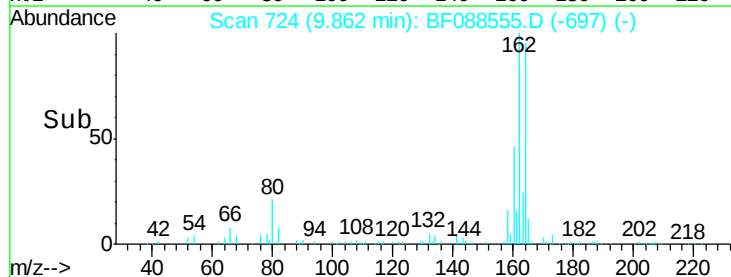
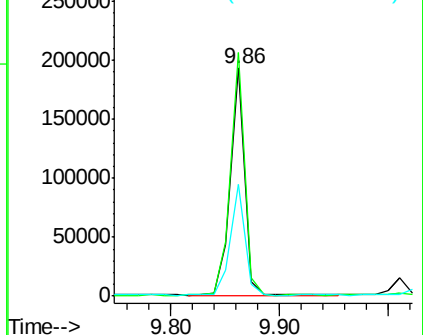


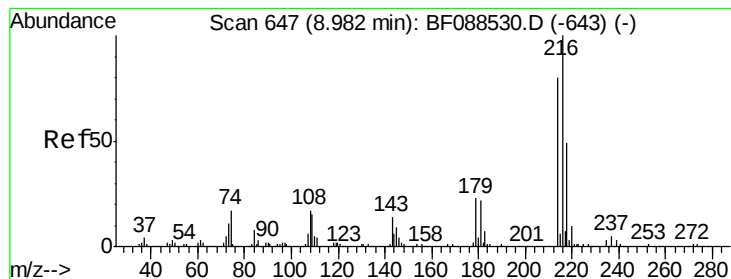
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 724
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Tgt Ion:164 Resp: 172298
 Ion Ratio Lower Upper
 164 100
 162 106.9 85.4 128.2
 160 48.8 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.89 ng

RT: 8.99 min Scan# 648

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

Tgt Ion:216 Resp: 257250

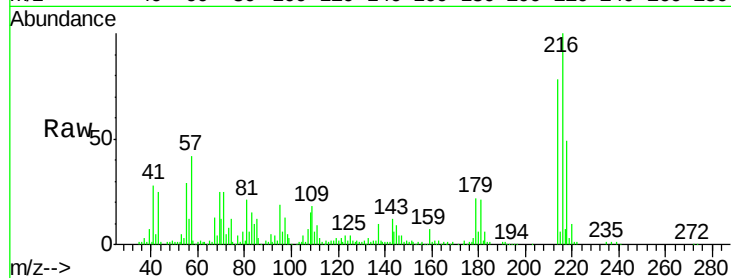
Ion Ratio Lower Upper

216 100

214 78.7 2.9 4.3#

179 28.6 0.0 0.0#

108 22.3 0.5 0.7#

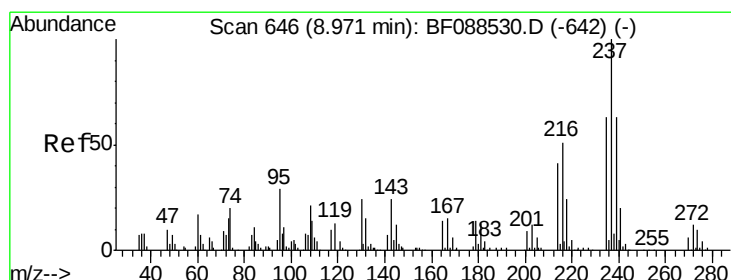
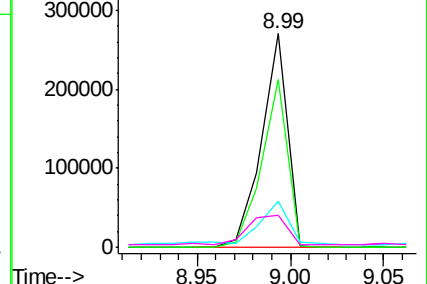
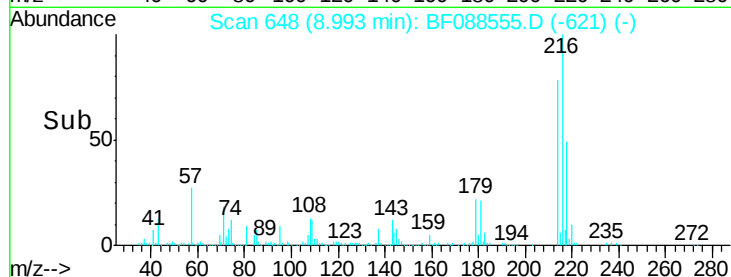


Abundance Ion 216.00 (215.70 to 216.70): E

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: 65.33 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

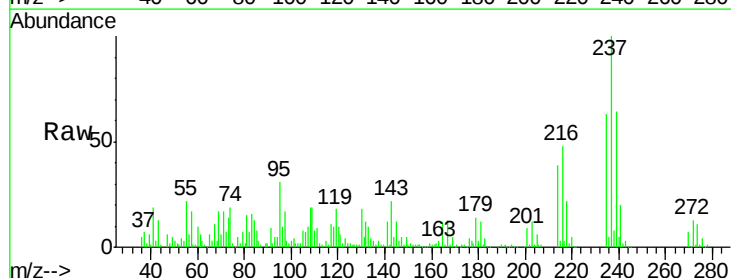
Tgt Ion:237 Resp: 183765

Ion Ratio Lower Upper

237 100

235 63.2 43.4 83.4

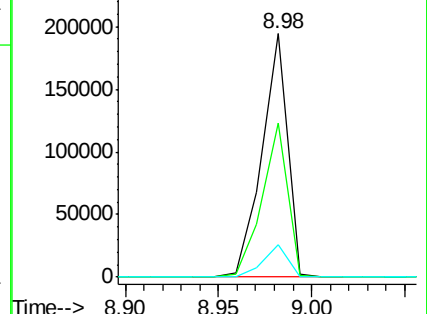
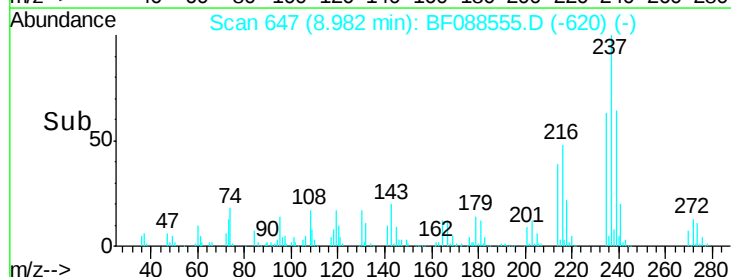
272 13.3 0.0 32.3



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

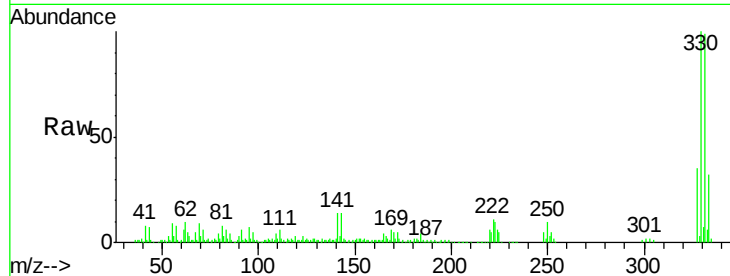




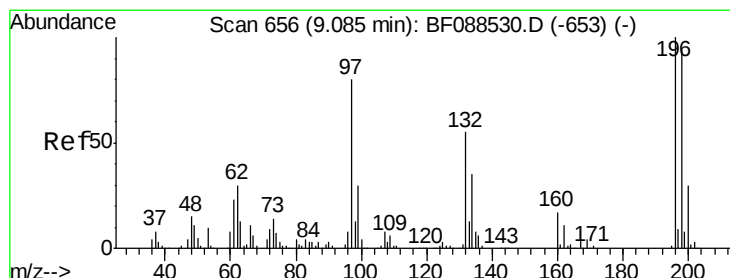
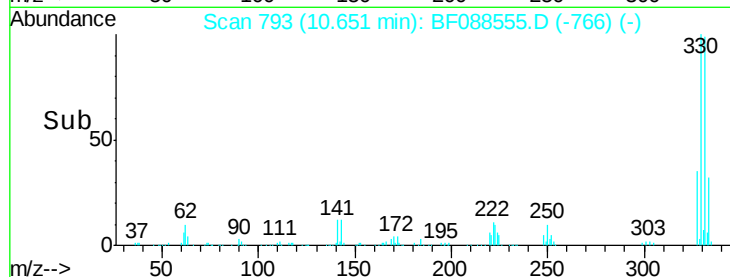
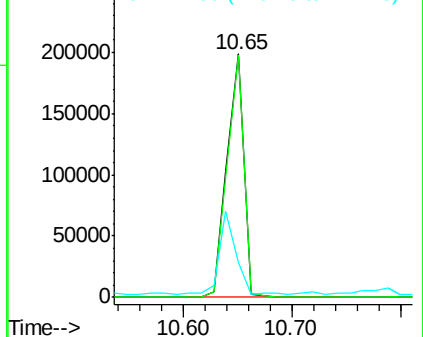
#41
 2,4,6-Tribromophenol
 Concen: 134.25 ng
 RT: 10.65 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tgt Ion:330 Resp: 214793
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 33.5 0.0 0.0#

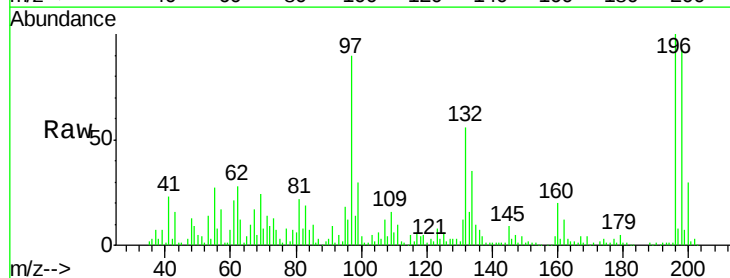


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

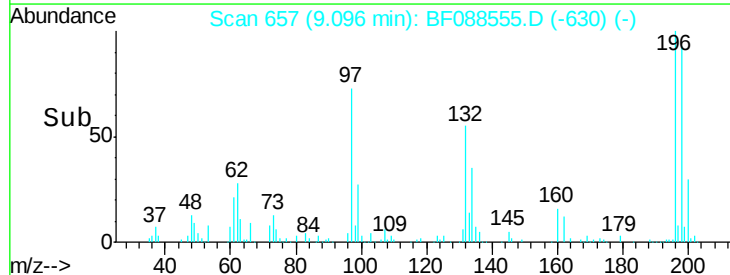
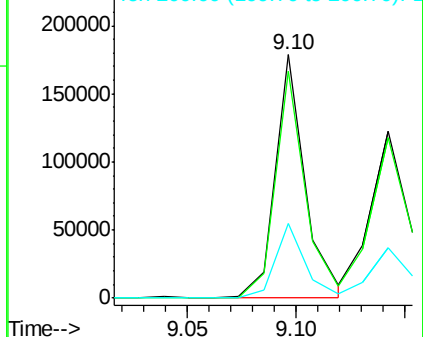


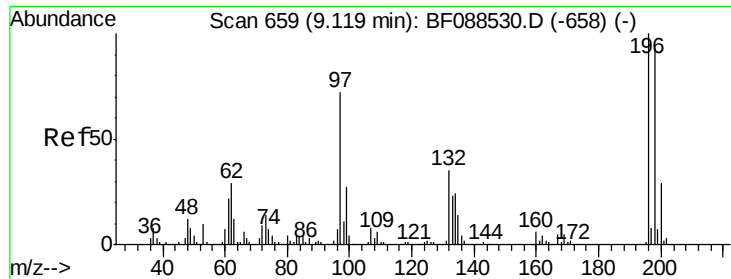
#42
 2,4,6-Trichlorophenol
 Concen: 45.76 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Tgt Ion:196 Resp: 172914
 Ion Ratio Lower Upper
 196 100
 198 93.4 78.0 117.0
 200 30.5 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

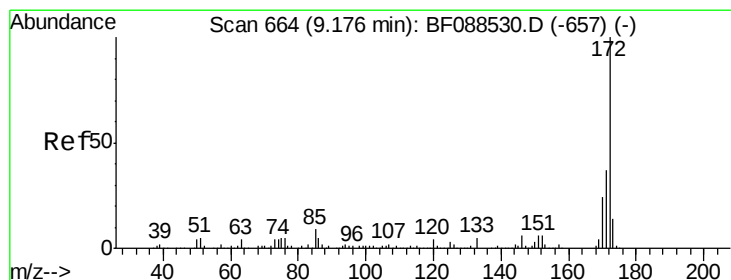
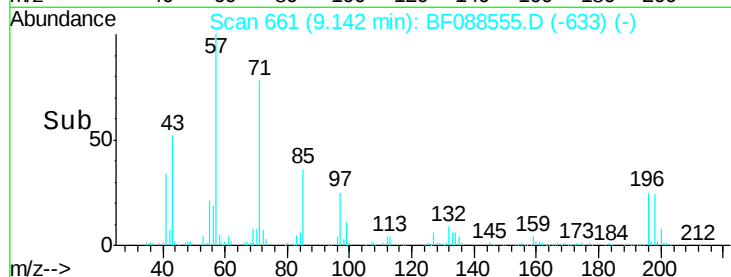
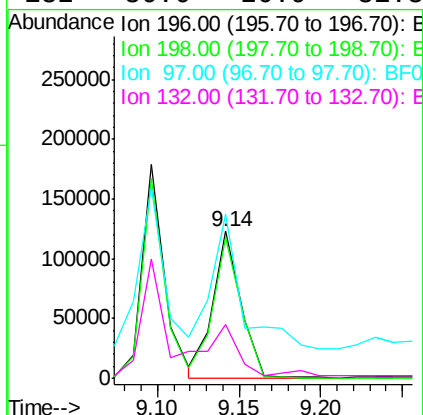
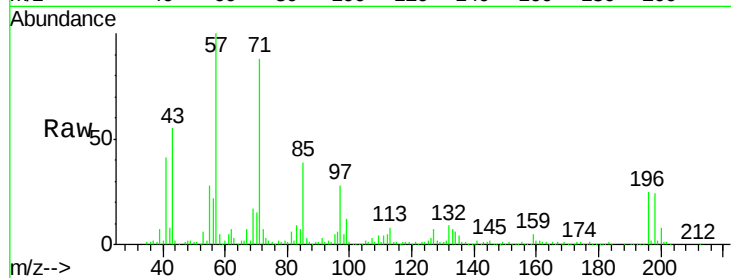




#43
 2,4,5-Trichlorophenol
 Concen: 44.75 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.02 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

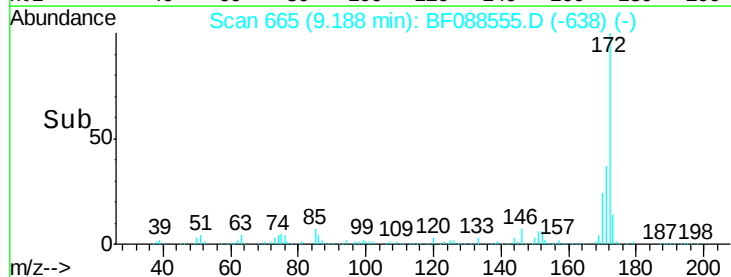
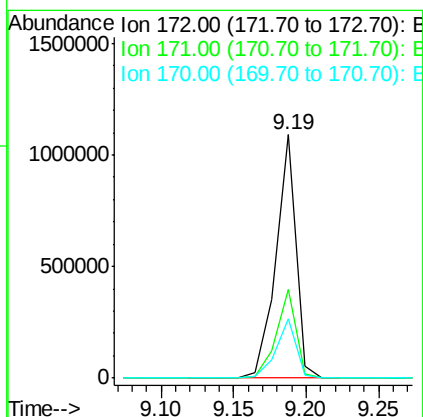
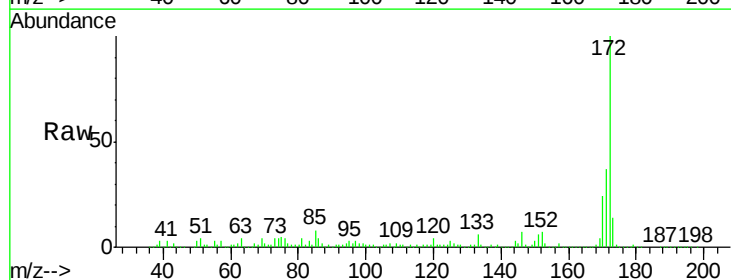
Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

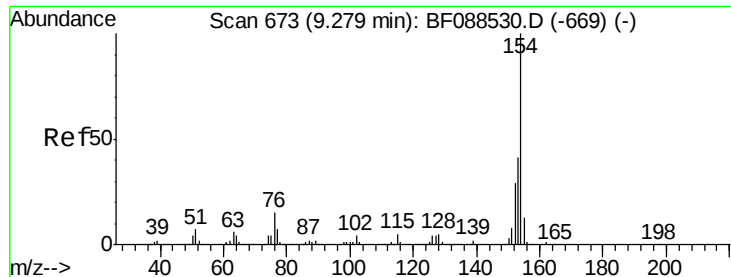
Tgt Ion:196 Resp: 145471
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.5 116.3
 97 111.8 32.0 48.0#
 132 36.6 20.9 31.3#



#44
 2-Fluorobiphenyl
 Concen: 96.03 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Tgt Ion:172 Resp: 1047479
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.4 19.2 28.8

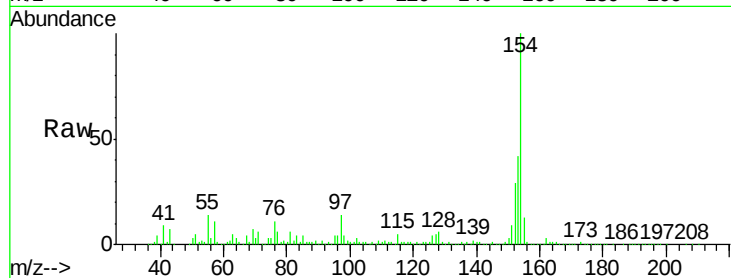




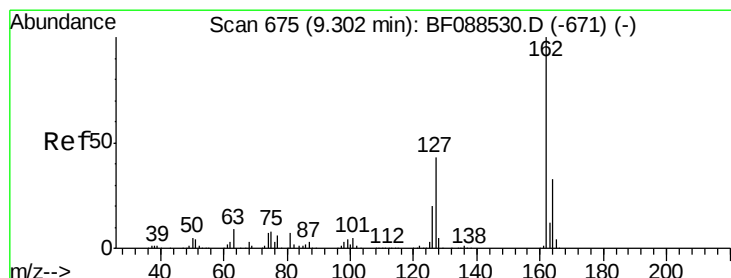
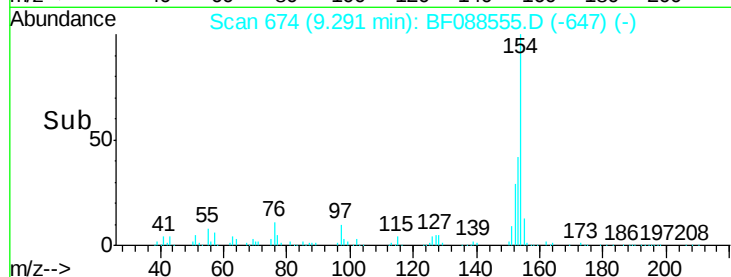
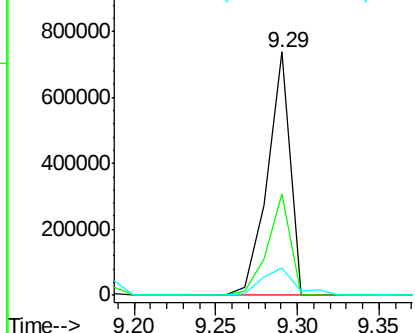
#45
 1,1'-Biphenyl
 Concen: 49.99 ng
 RT: 9.29 min Scan# 674
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP03E-1224MS

Tgt Ion:154 Resp: 713291
 Ion Ratio Lower Upper
 154 100
 153 41.6 20.6 60.6
 76 11.1 0.0 35.1

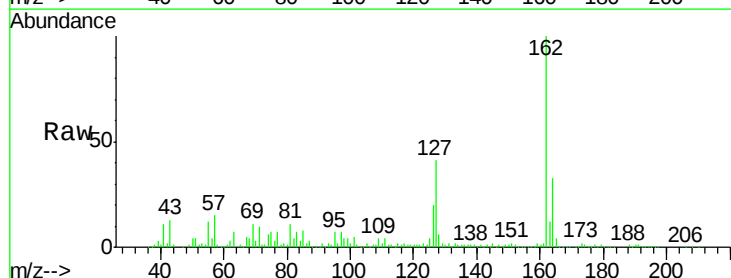


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

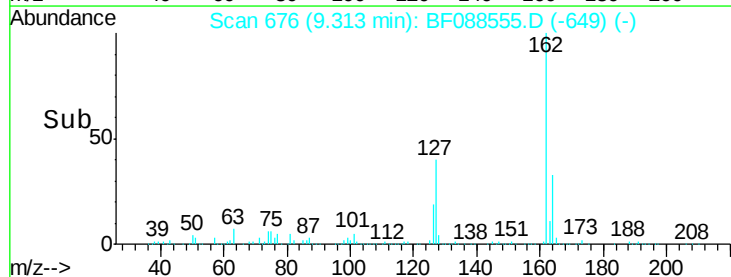
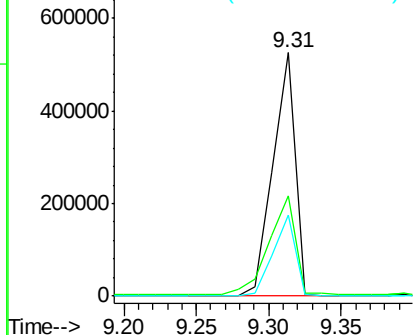


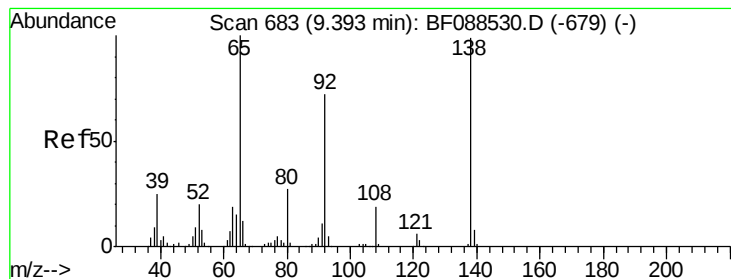
#46
 2-Chloronaphthalene
 Concen: 50.06 ng
 RT: 9.31 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: BF088555.D
 Acq: 1 Jul 2016 3:44

Tgt Ion:162 Resp: 560740
 Ion Ratio Lower Upper
 162 100
 127 41.2 35.2 52.8
 164 33.4 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: 52.49 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

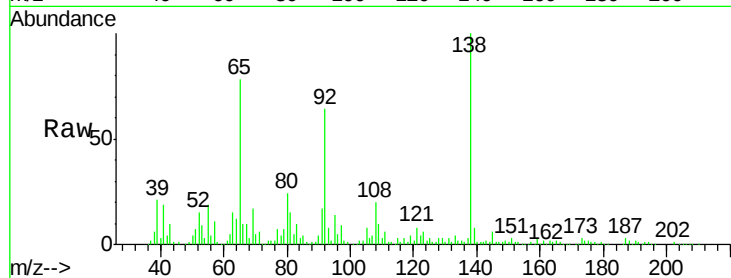
Tgt Ion: 65 Resp: 208646

Ion Ratio Lower Upper

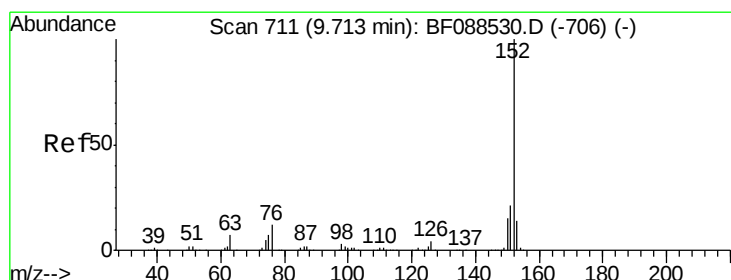
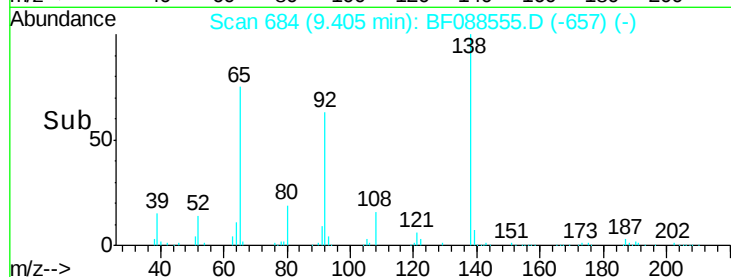
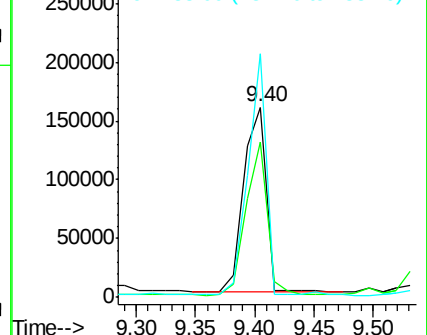
65 100

92 81.7 54.6 82.0

138 127.9 77.0 115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 46.46 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

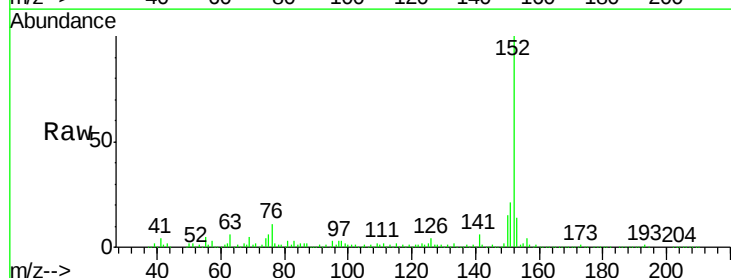
Tgt Ion: 152 Resp: 828080

Ion Ratio Lower Upper

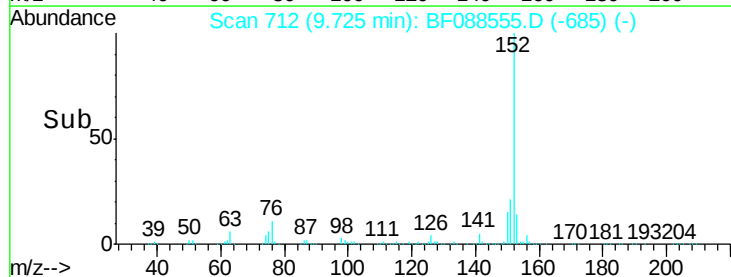
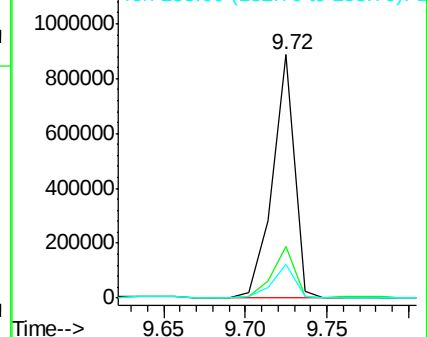
152 100

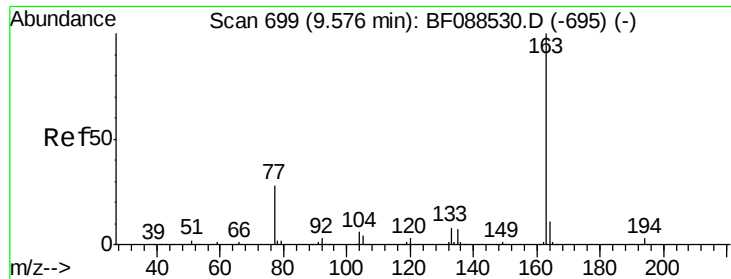
151 21.1 16.2 24.4

153 14.1 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

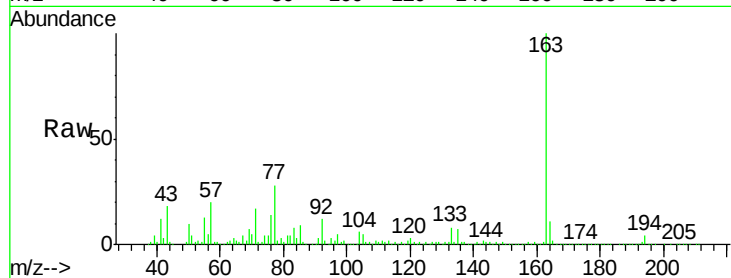




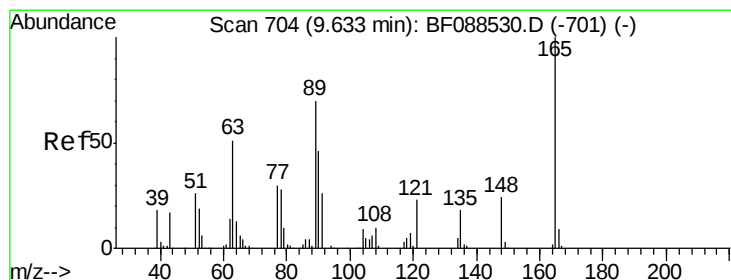
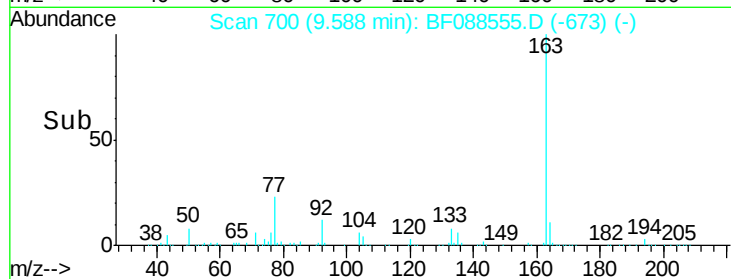
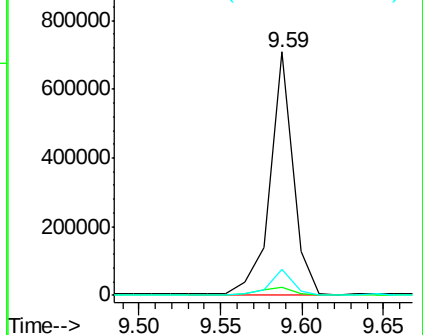
#49
Dimethylphthalate
Concen: 56.37 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tgt Ion:163 Resp: 691900
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.7 8.3 12.5

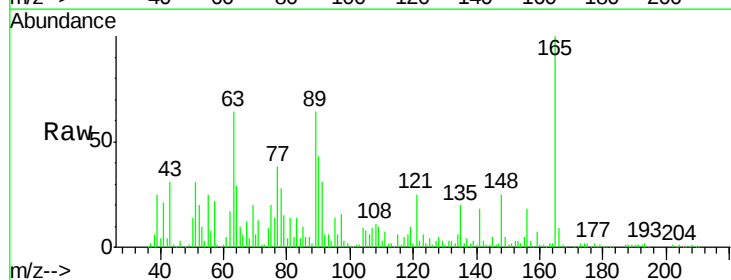


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

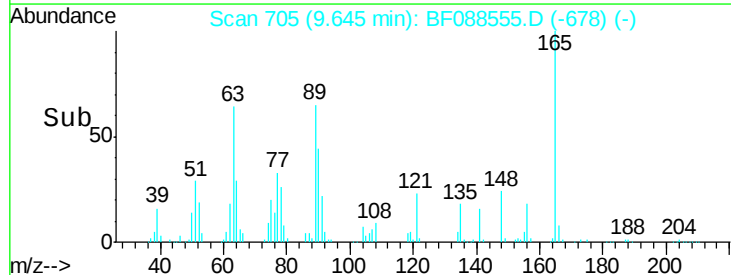
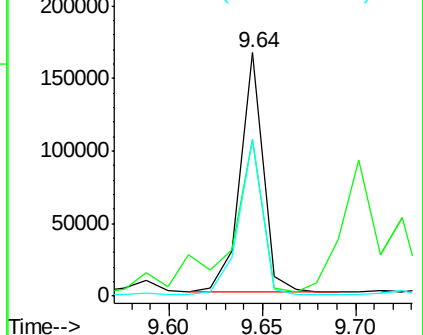


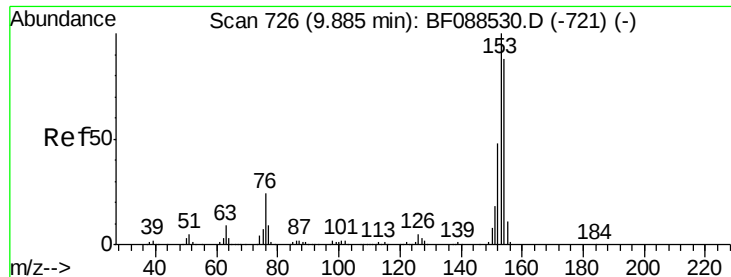
#50
2,6-Dinitrotoluene
Concen: 52.92 ng
RT: 9.64 min Scan# 705
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:165 Resp: 143979
Ion Ratio Lower Upper
165 100
63 64.3 28.1 42.1#
89 64.1 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: 47.11 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

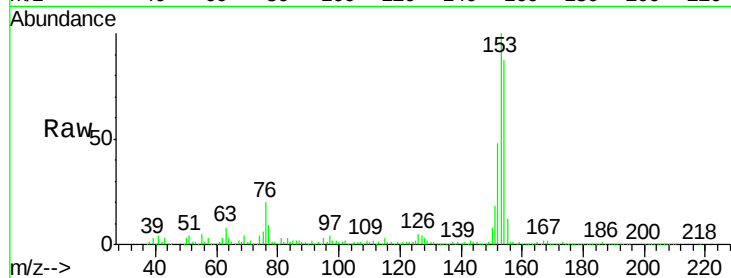
Tgt Ion:154 Resp: 514690

Ion Ratio Lower Upper

154 100

153 115.1 89.5 134.3

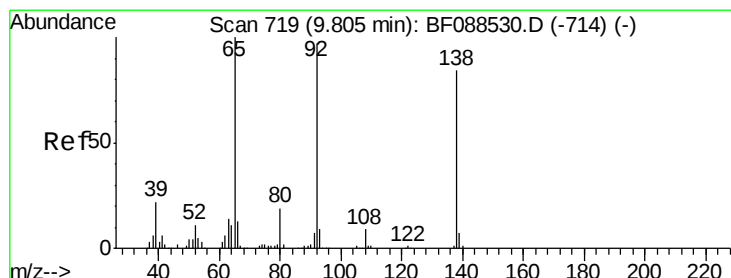
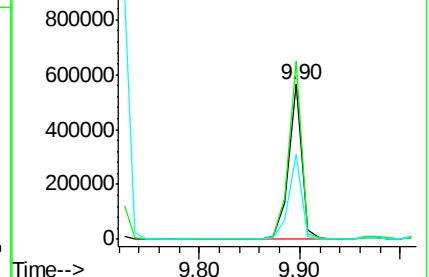
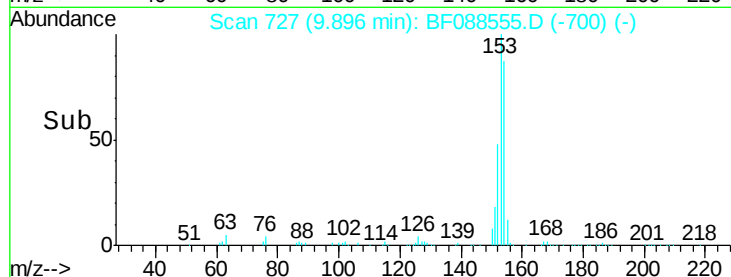
152 55.0 42.7 64.1



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: 28.21 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

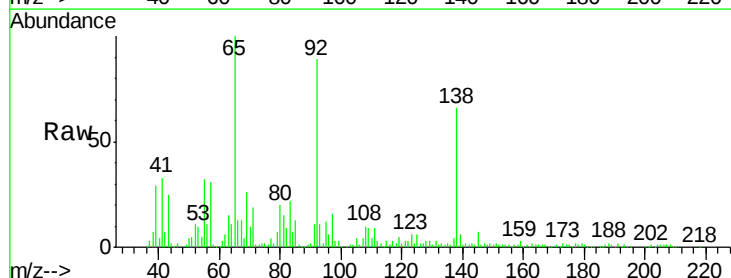
Tgt Ion:138 Resp: 97561

Ion Ratio Lower Upper

138 100

108 14.5 8.5 12.7#

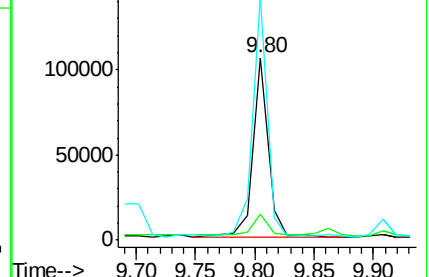
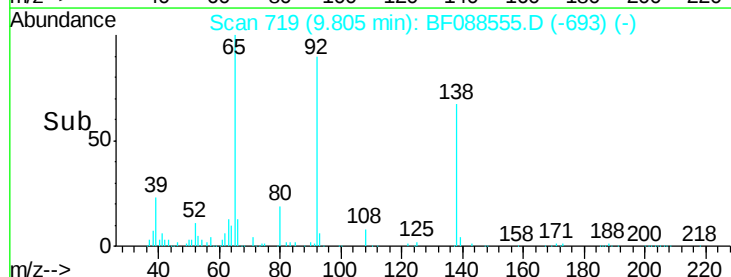
92 133.7 95.7 143.5

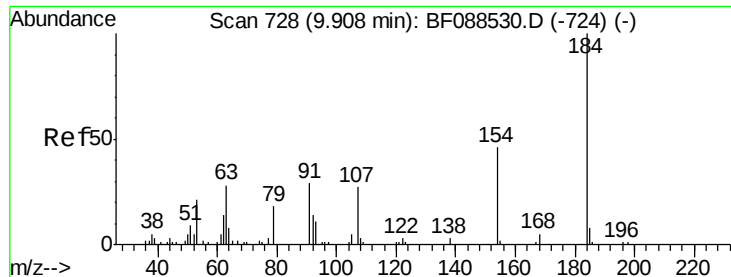


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

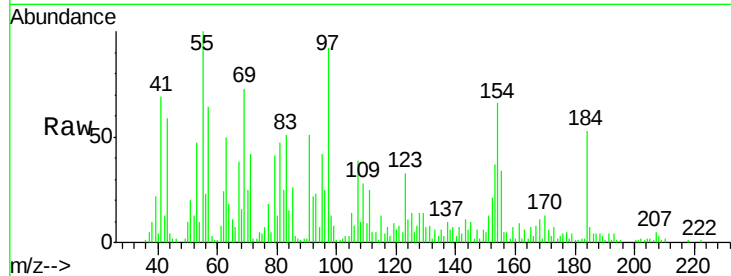




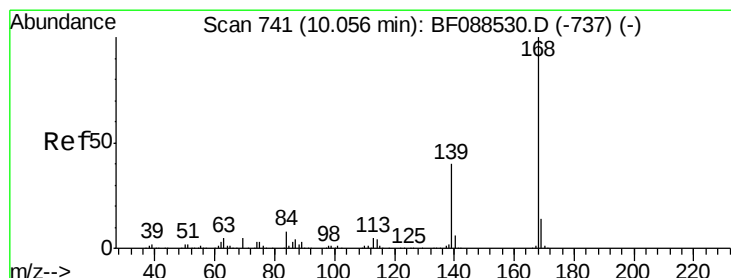
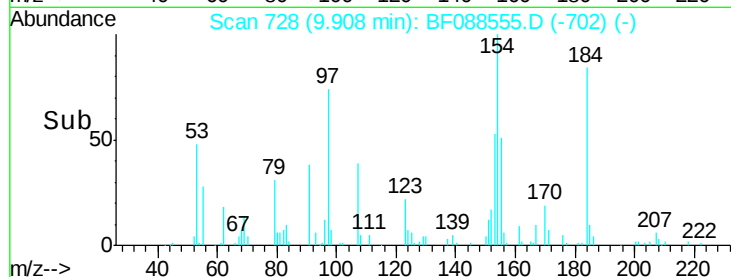
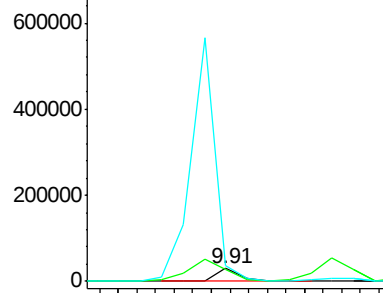
#53
2,4-Dinitrophenol
Concen: 21.43 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tgt Ion:184 Resp: 25746
Ion Ratio Lower Upper
184 100
63 93.6 57.6 86.4#
154 122.8 53.5 80.3#

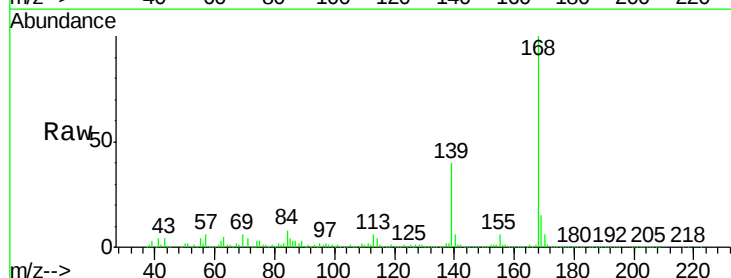


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

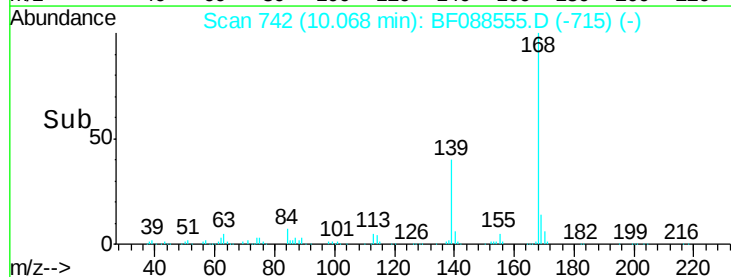
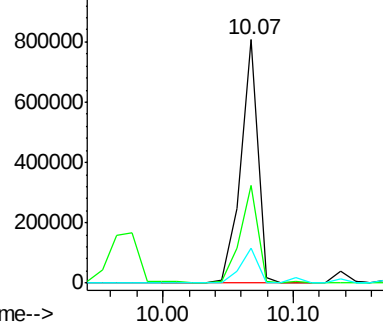


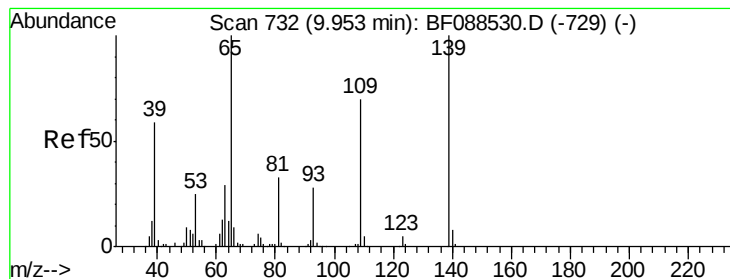
#54
Dibenzofuran
Concen: 52.05 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:168 Resp: 744248
Ion Ratio Lower Upper
168 100
139 39.9 26.4 39.6#
169 14.5 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: 96.45 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

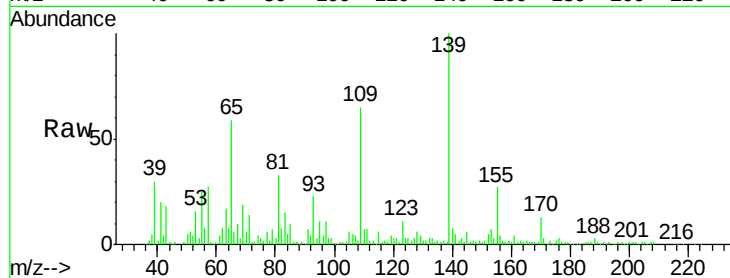
Tgt Ion:139 Resp: 253474

Ion Ratio Lower Upper

139 100

109 65.2 48.9 88.9

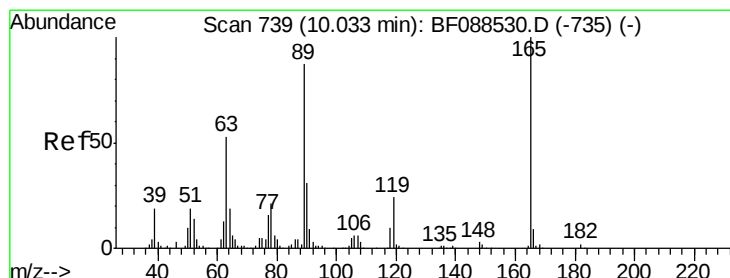
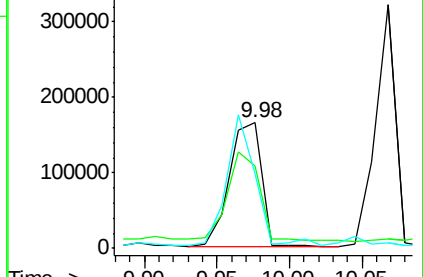
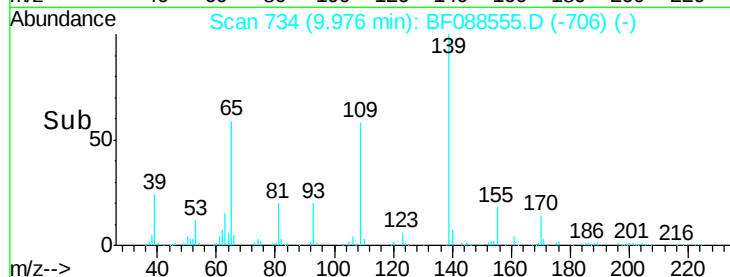
65 59.3 84.9 124.9#



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: 52.32 ng

RT: 10.04 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Tgt Ion:165 Resp: 186105

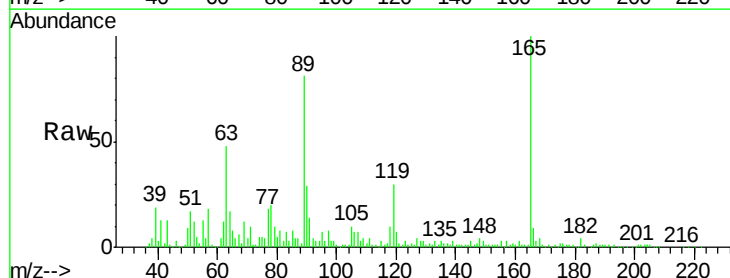
Ion Ratio Lower Upper

165 100

63 48.5 22.0 33.0#

89 81.3 41.1 61.7#

182 3.5 2.0 3.0#

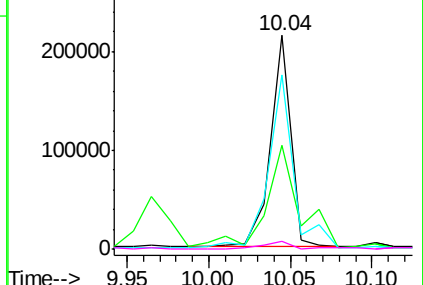
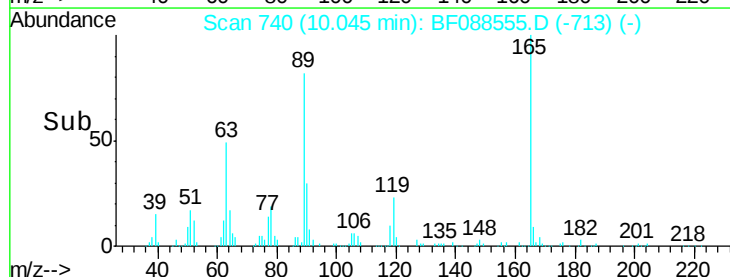


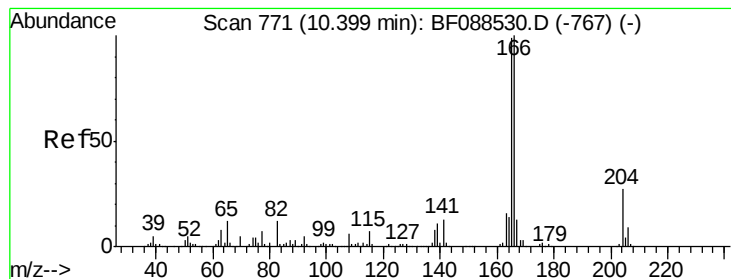
Abundance Ion 165.00 (164.70 to 165.70): E

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: 49.05 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

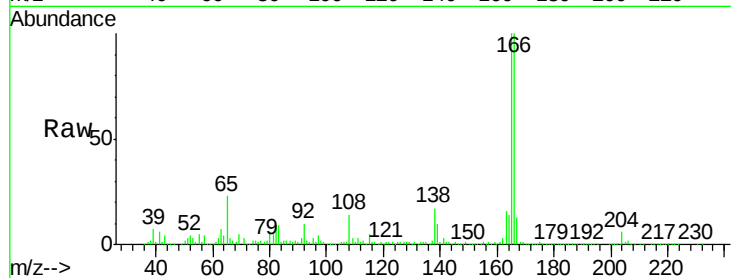
Tgt Ion:166 Resp: 540471

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.8

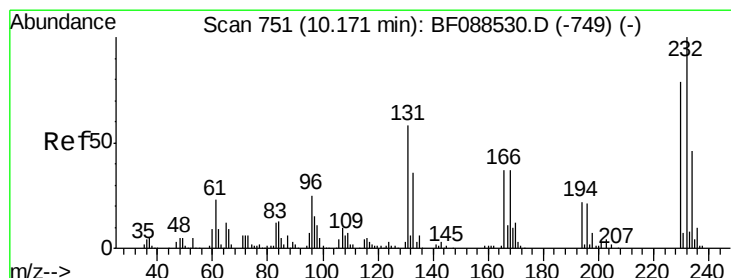
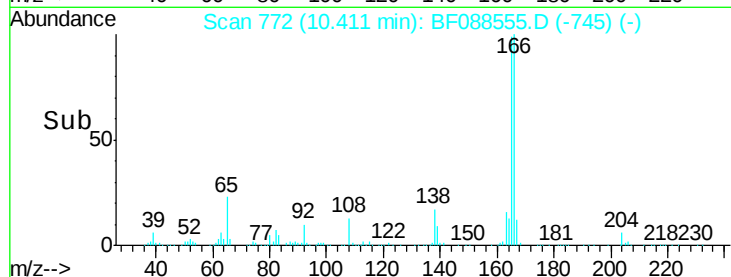
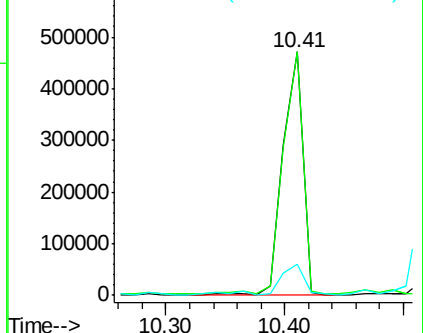
167 13.0 11.2 16.8



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: 51.04 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Tgt Ion:232 Resp: 128361

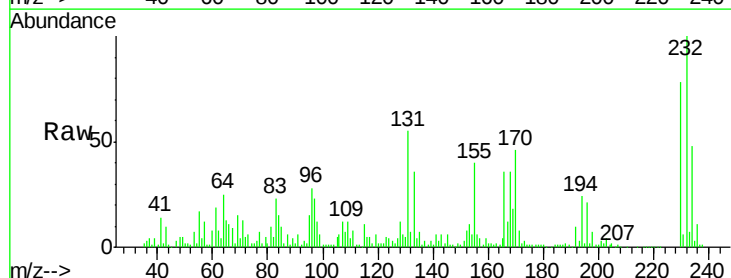
Ion Ratio Lower Upper

232 100

131 54.5 0.9 1.3#

130 6.9 1.5 2.3#

166 36.2 0.5 0.7#

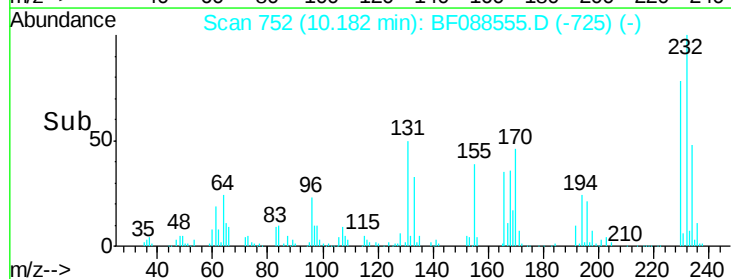
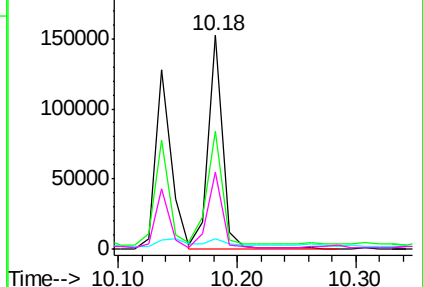


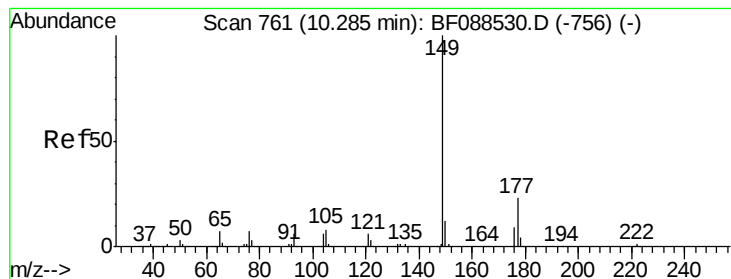
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 49.35 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

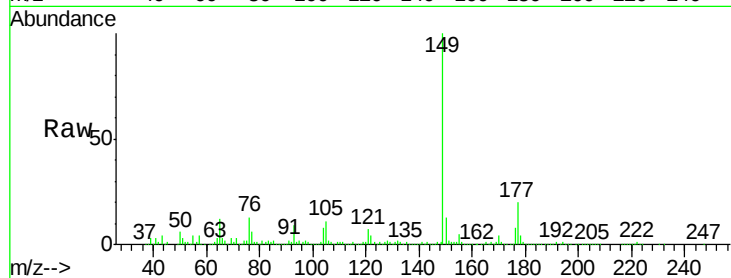
Tgt Ion:149 Resp: 607888

Ion Ratio Lower Upper

149 100

177 20.4 16.9 25.3

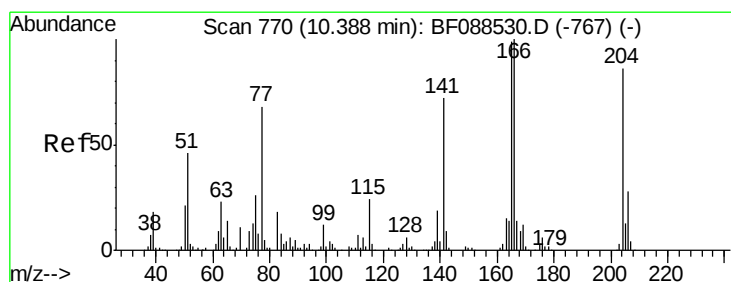
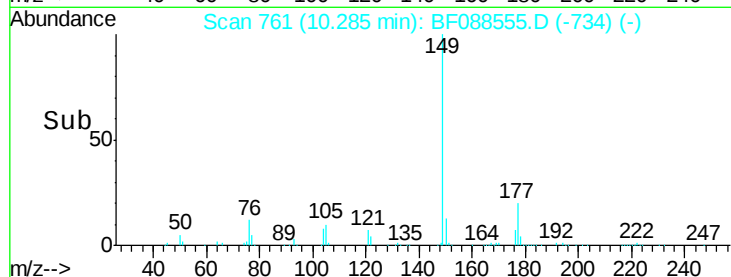
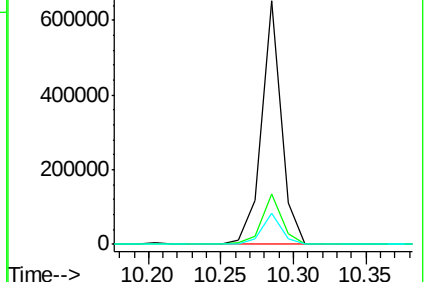
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.56 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

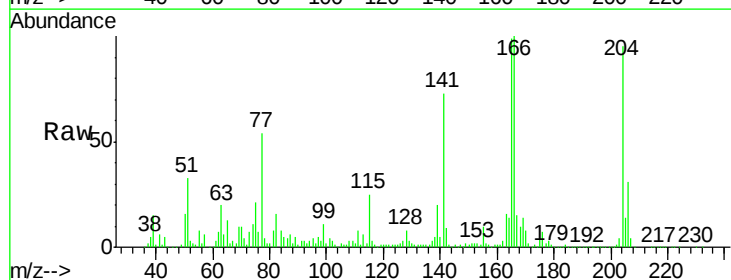
Tgt Ion:204 Resp: 223037

Ion Ratio Lower Upper

204 100

206 33.1 26.3 39.5

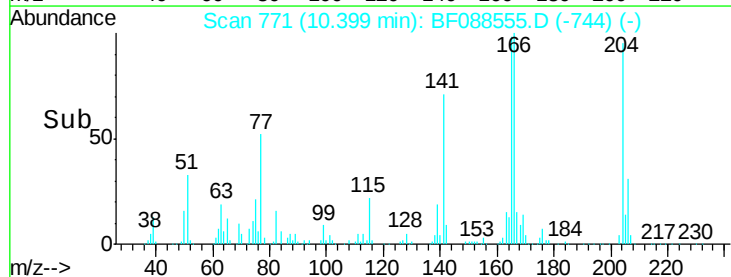
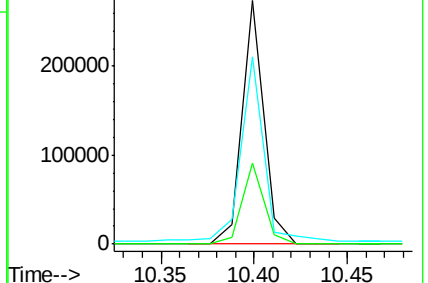
141 76.7 55.0 82.6

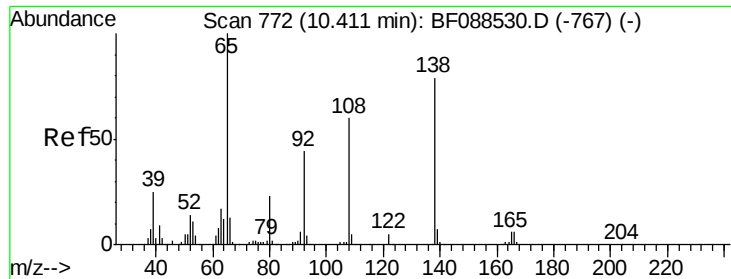


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

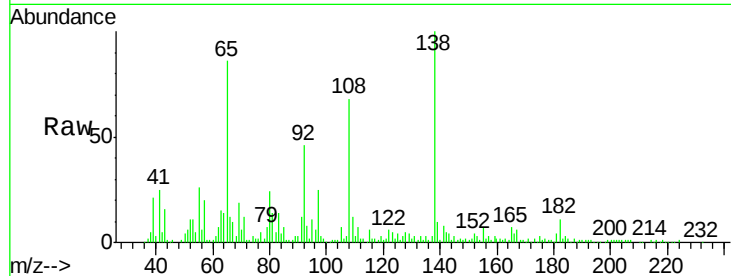




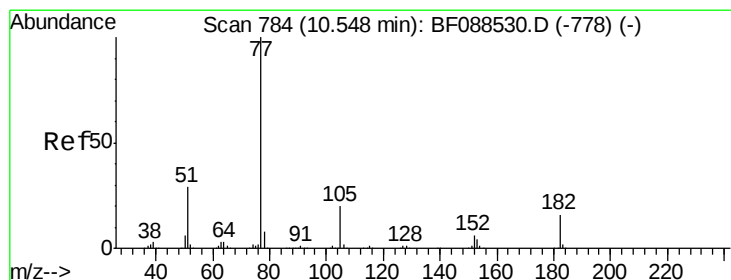
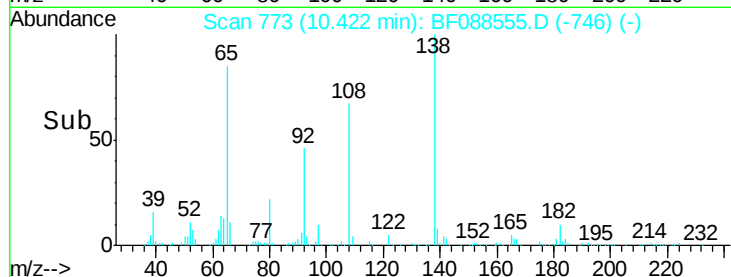
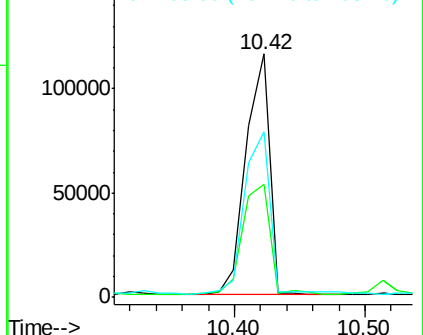
#61
4-Nitroaniline
Concen: 43.62 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tgt Ion: 138 Resp: 145165
Ion Ratio Lower Upper
138 100
92 46.3 27.3 67.3
108 67.9 46.7 86.7

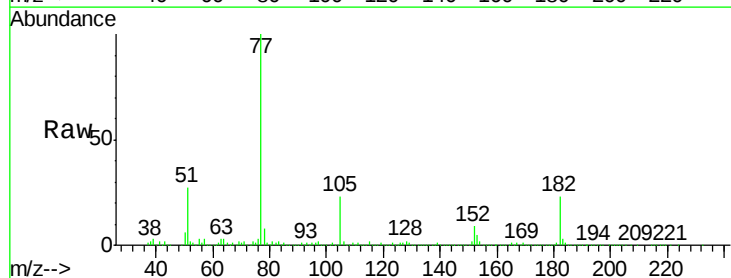


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

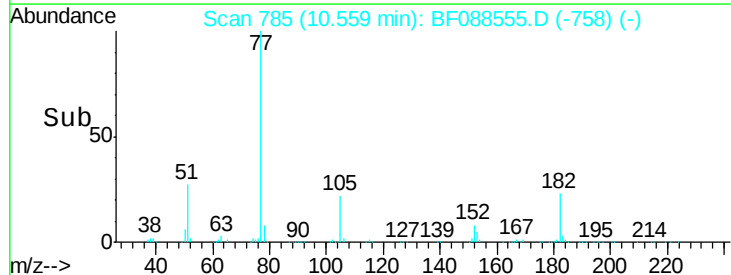
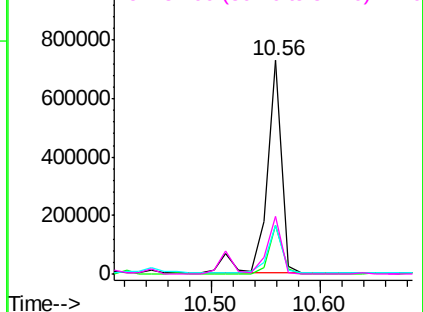


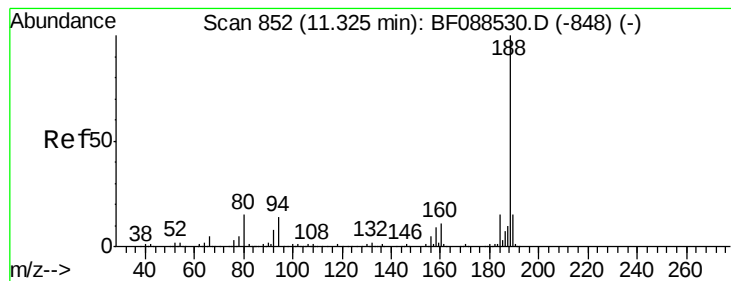
#62
Azobenzene
Concen: 49.62 ng
RT: 10.56 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion: 77 Resp: 697301
Ion Ratio Lower Upper
77 100
182 22.9 4.4 44.4
105 22.8 3.8 43.8
51 26.8 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. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

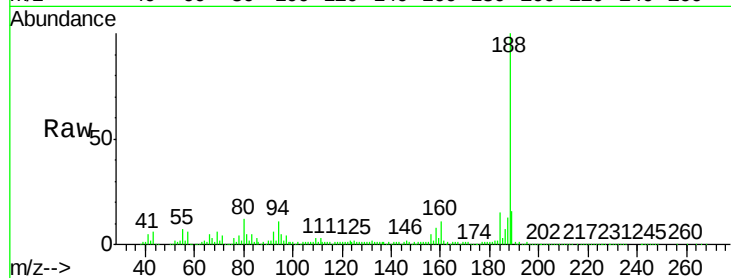
Tgt Ion:188 Resp: 285326

Ion Ratio Lower Upper

188 100

94 10.7 9.0 13.6

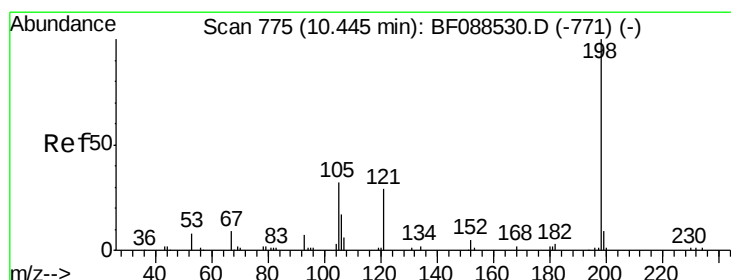
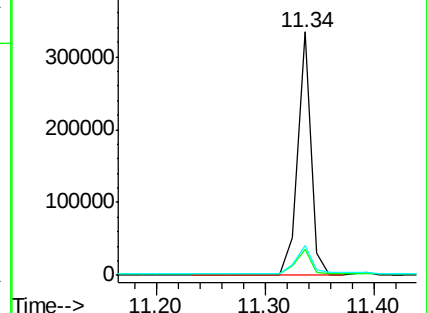
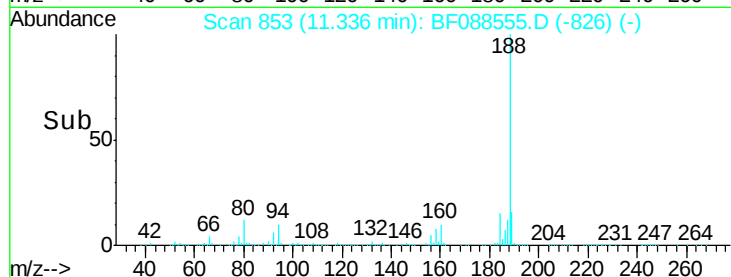
80 12.4 10.0 15.0



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: 17.78 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

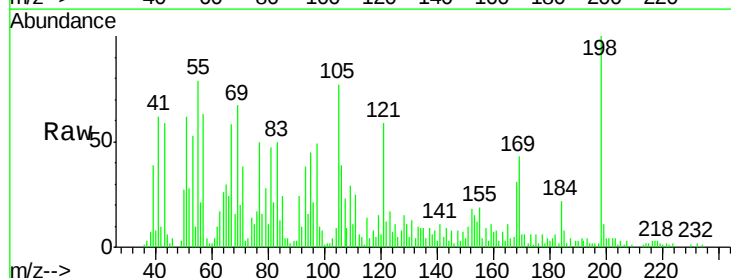
Tgt Ion:198 Resp: 27133

Ion Ratio Lower Upper

198 100

51 61.9 39.6 79.6

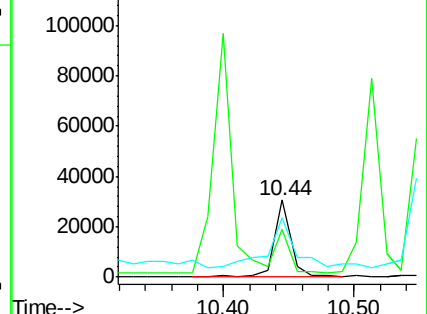
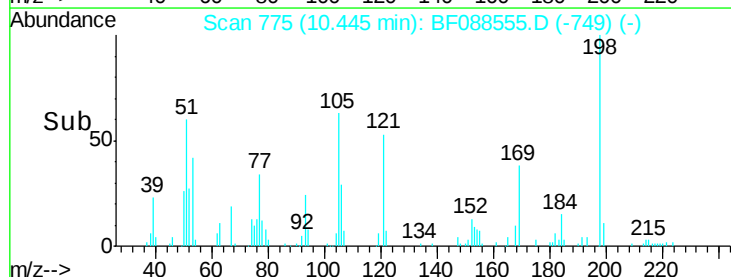
105 76.9 36.6 76.6#

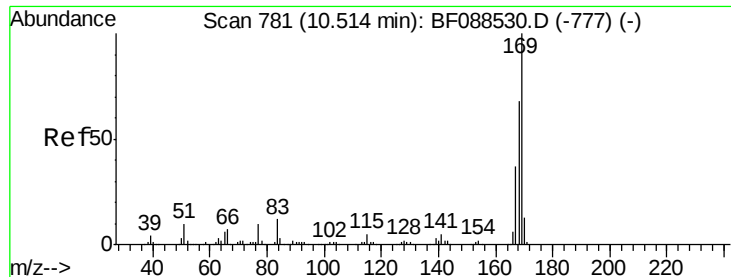


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 49.56 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

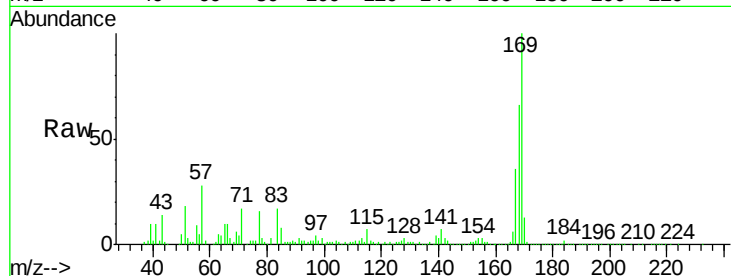
Tgt Ion:169 Resp: 478595

Ion Ratio Lower Upper

169 100

168 66.2 53.4 80.0

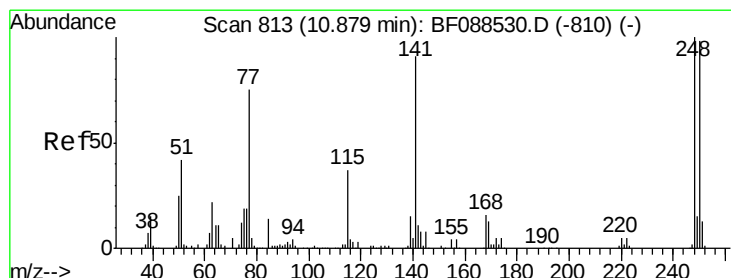
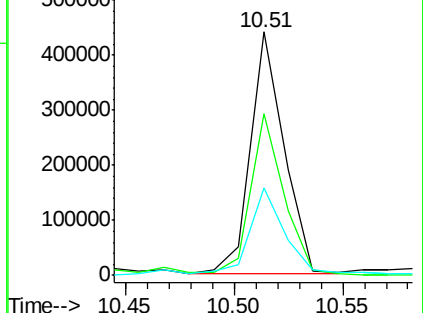
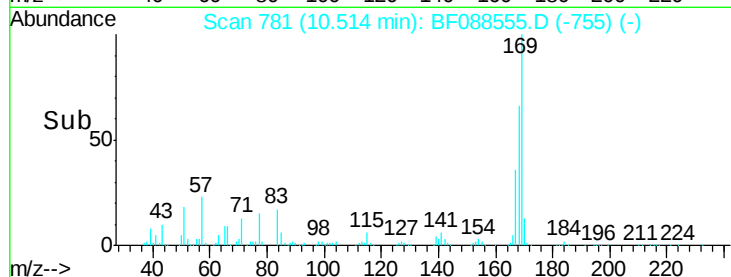
167 36.1 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.07 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

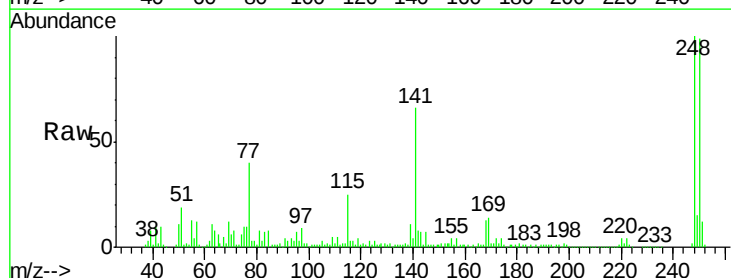
Tgt Ion:248 Resp: 149705

Ion Ratio Lower Upper

248 100

250 99.5 77.1 115.7

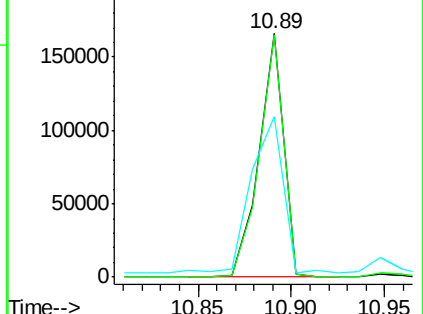
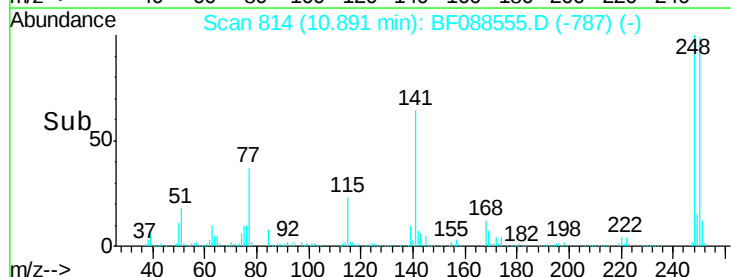
141 65.9 50.6 76.0



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

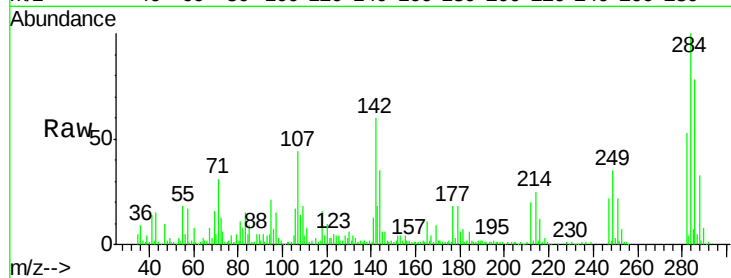




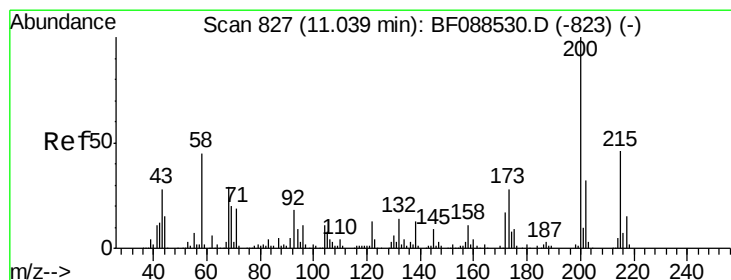
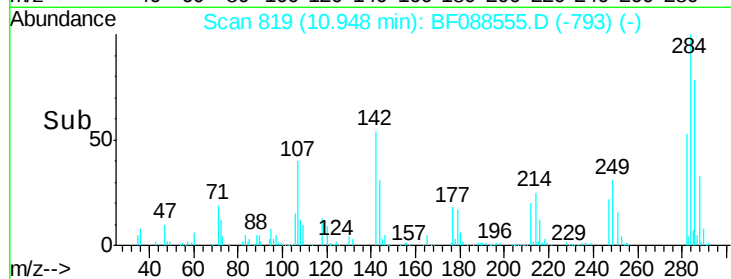
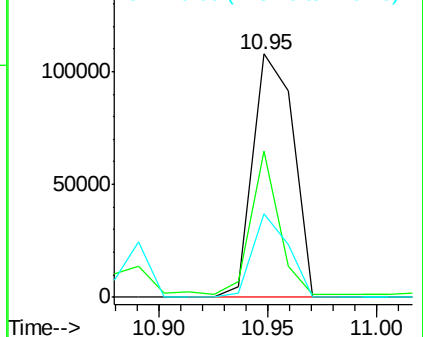
#67
Hexachlorobenzene
Concen: 43.86 ng
RT: 10.95 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tgt Ion:284 Resp: 139596
Ion Ratio Lower Upper
284 100
142 60.3 35.8 53.8#
249 34.5 25.8 38.6

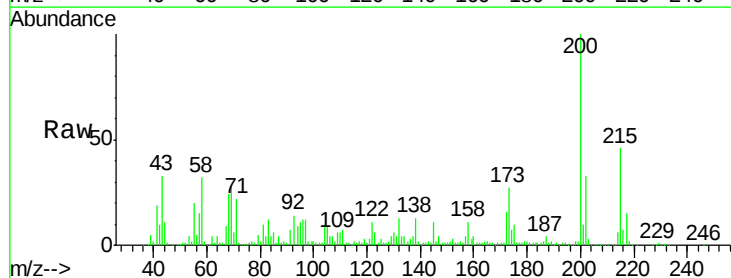


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

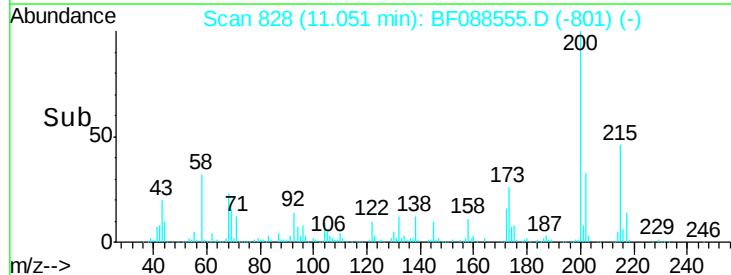
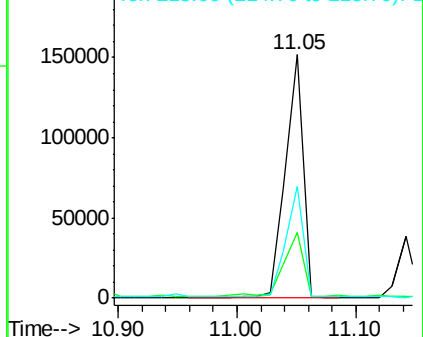


#68
Atrazine
Concen: 51.90 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:200 Resp: 156169
Ion Ratio Lower Upper
200 100
173 26.9 4.0 44.0
215 46.1 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: 85.49 ng

RT: 11.14 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

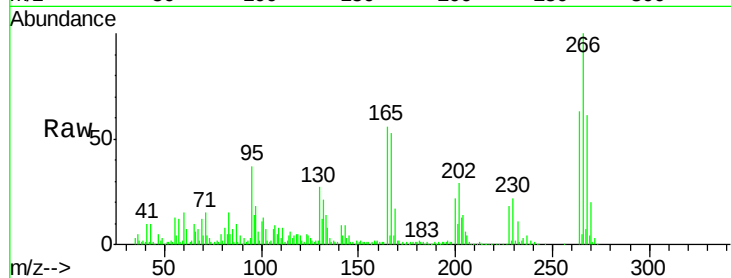
Tgt Ion:266 Resp: 161040

Ion Ratio Lower Upper

266 100

268 61.0 52.8 79.2

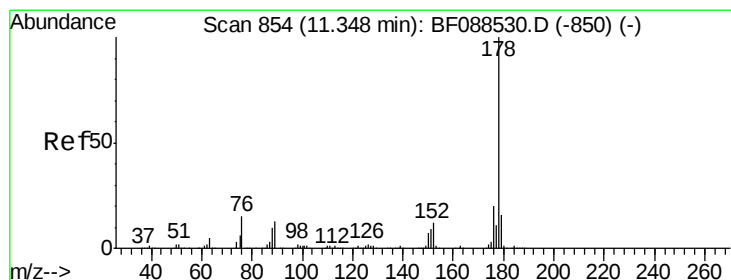
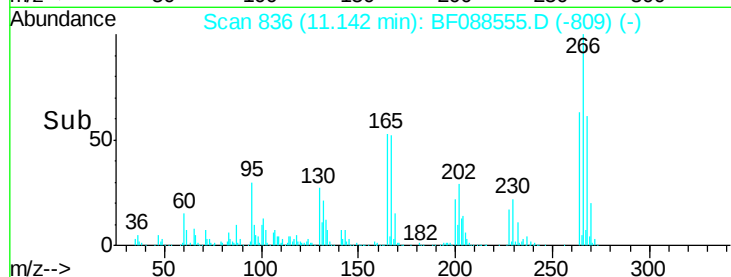
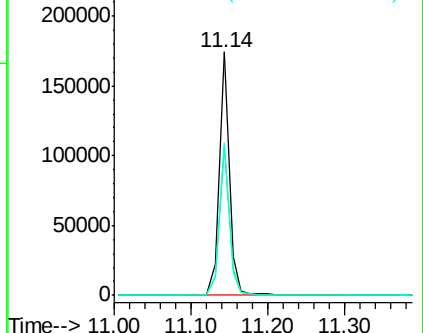
264 62.8 49.6 74.4



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: 43.42 ng

RT: 11.36 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

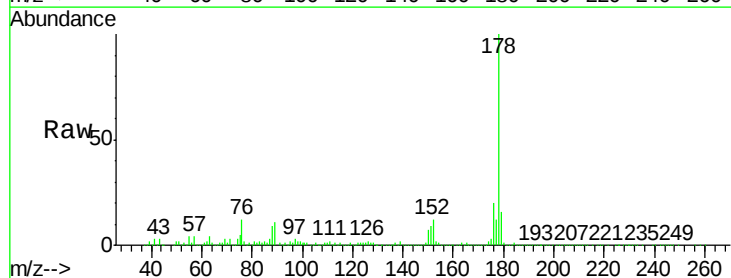
Tgt Ion:178 Resp: 677202

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

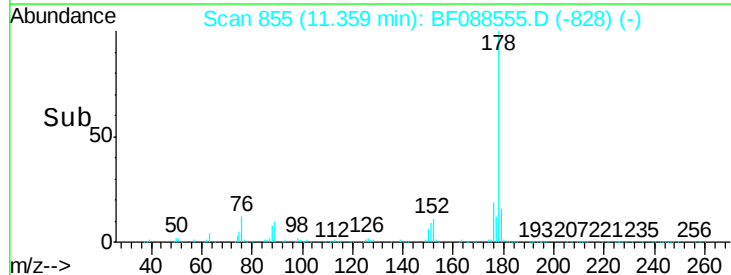
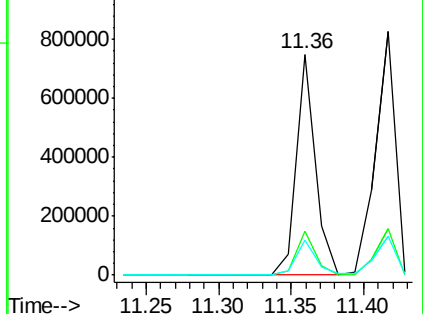
179 16.1 13.0 19.4

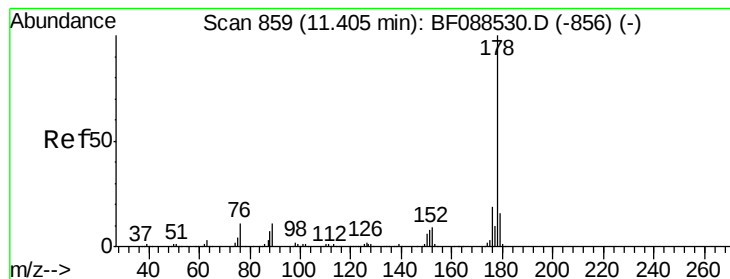


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 49.88 ng

RT: 11.42 min Scan# 860

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

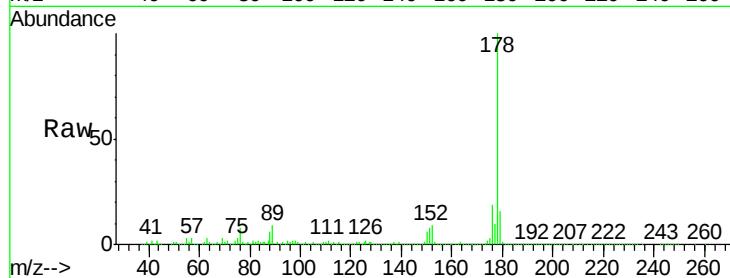
Tgt Ion:178 Resp: 773516

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

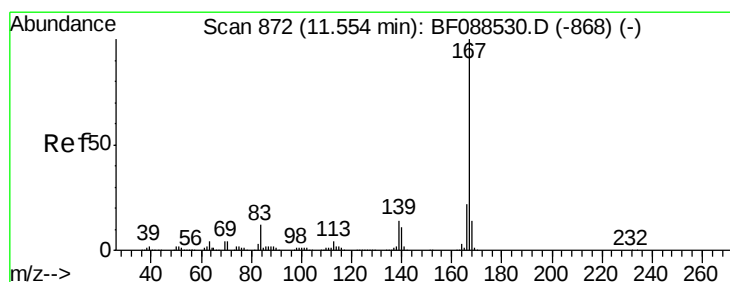
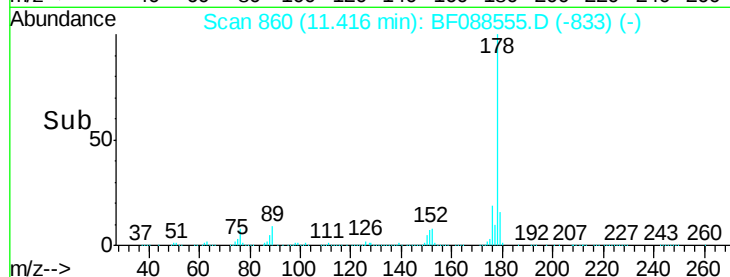
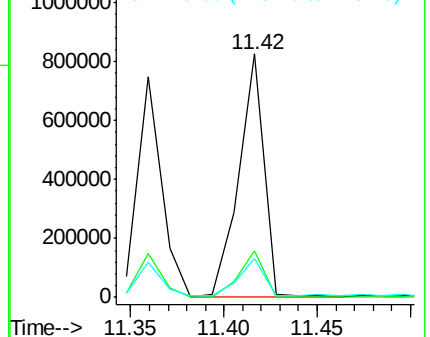
179 15.7 12.8 19.2



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: 44.03 ng

RT: 11.57 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

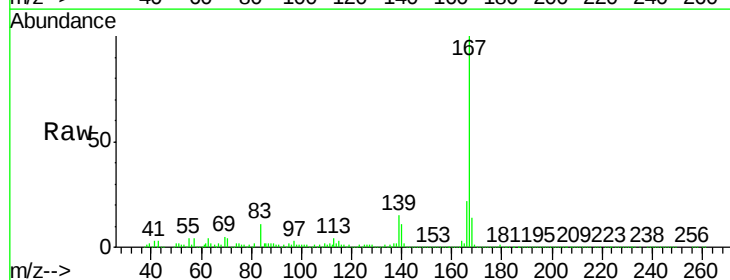
Tgt Ion:167 Resp: 642744

Ion Ratio Lower Upper

167 100

166 22.5 17.8 26.6

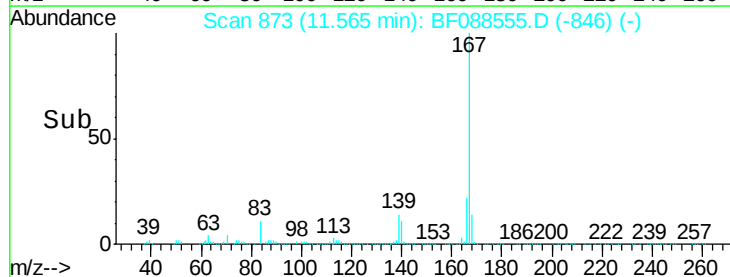
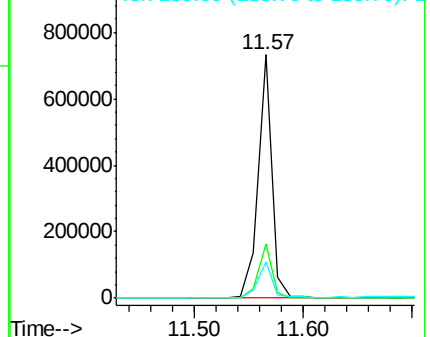
139 14.7 11.2 16.8



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: 48.80 ng

RT: 11.91 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

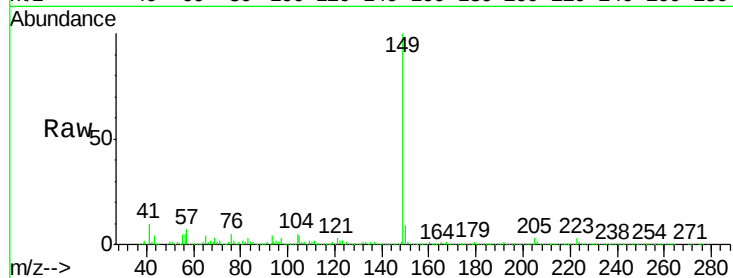
Tgt Ion:149 Resp: 828502

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

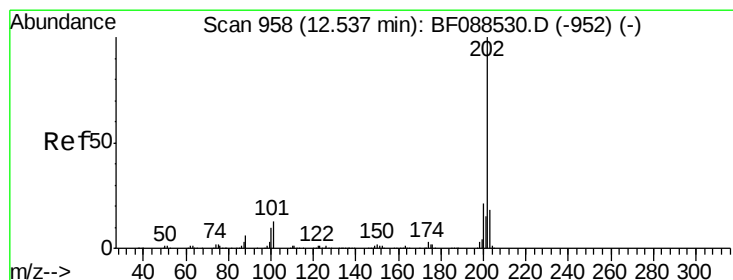
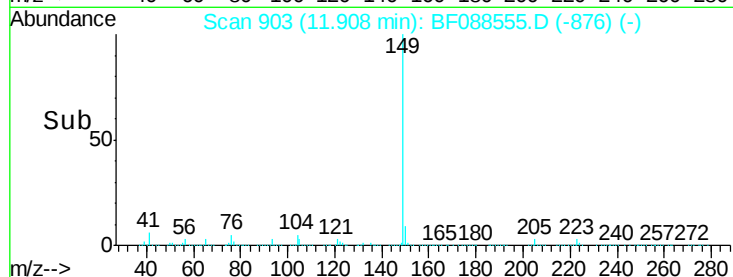
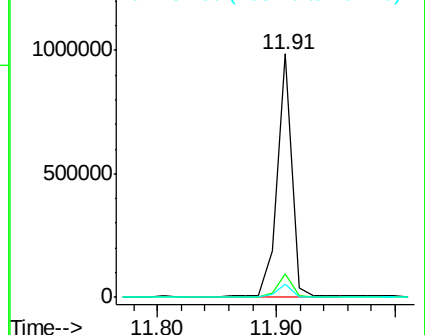
104 5.4 4.0 6.0



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: 40.80 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.02 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

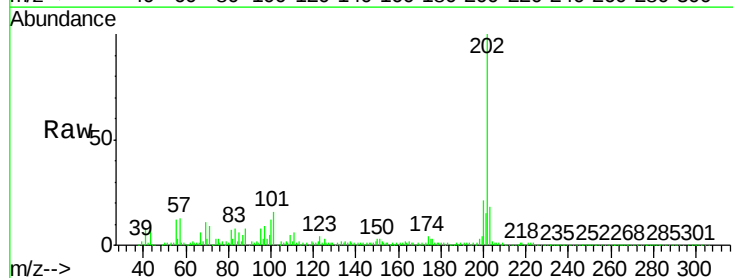
Tgt Ion:202 Resp: 645119

Ion Ratio Lower Upper

202 100

101 15.7 0.0 33.1

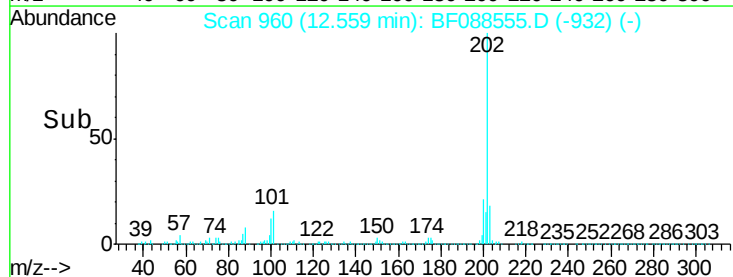
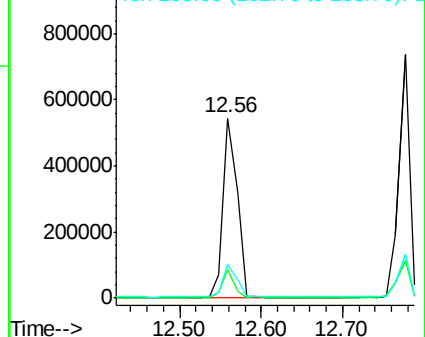
203 18.4 0.0 38.1

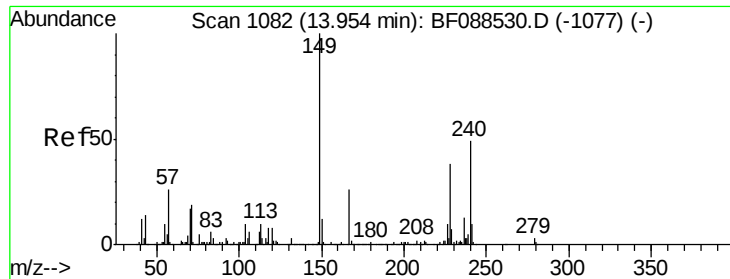


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.98 min Scan# 1084

Delta R.T. 0.02 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

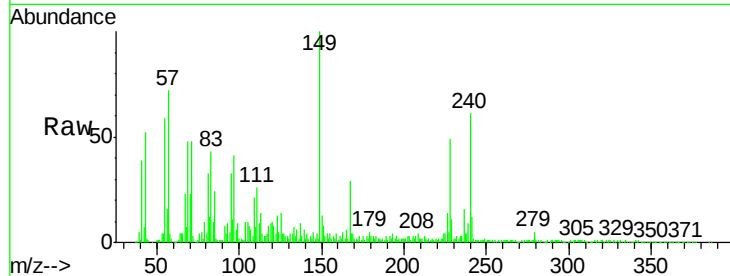
Tgt Ion:240 Resp: 168155

Ion Ratio Lower Upper

240 100

120 17.1 6.8 10.2#

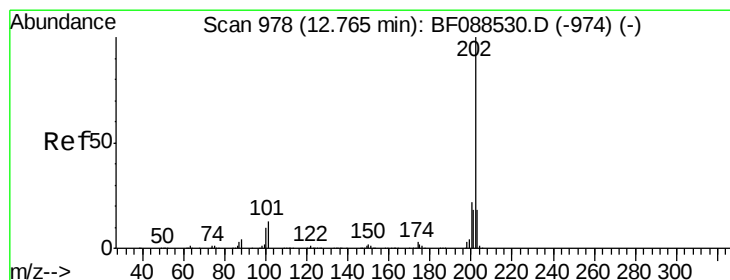
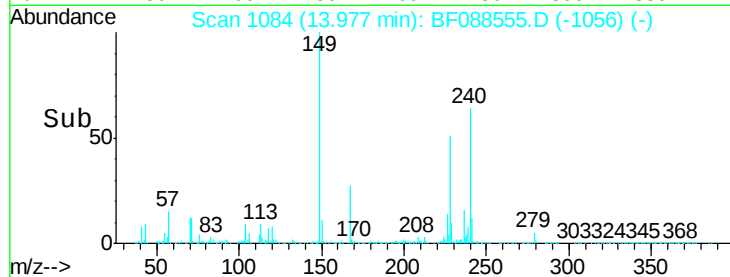
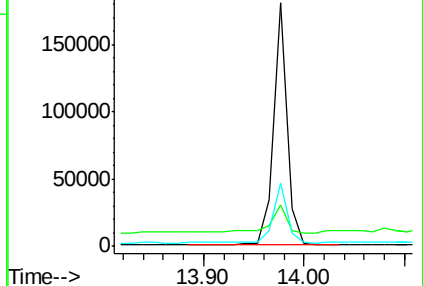
236 26.1 20.2 30.2



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



#77

Pyrene

Concen: 46.89 ng

RT: 12.78 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

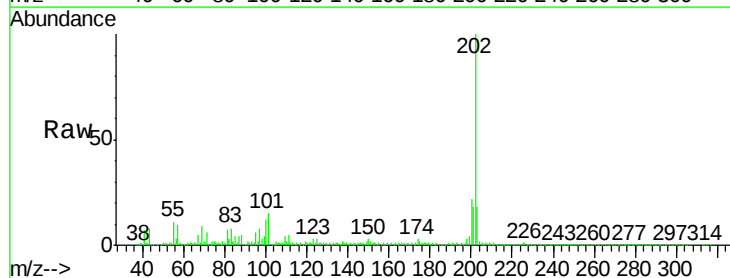
Tgt Ion:202 Resp: 668612

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

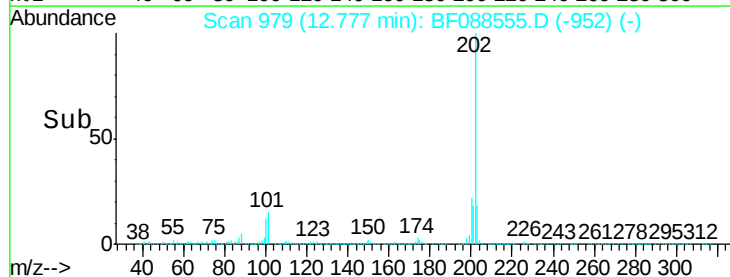
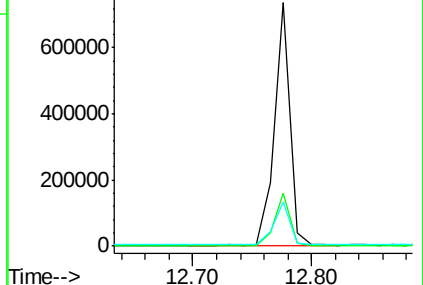
203 18.1 14.5 21.7

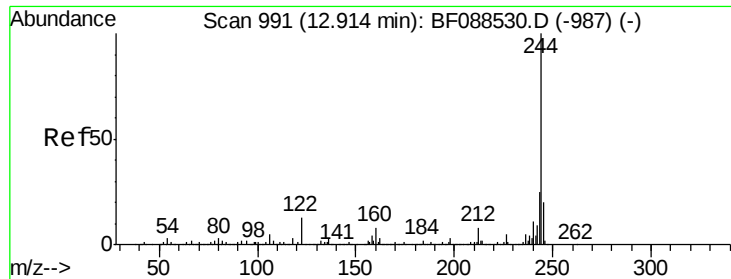


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 91.06 ng

RT: 12.93 min Scan# 992

Delta R.T. 0.01 min

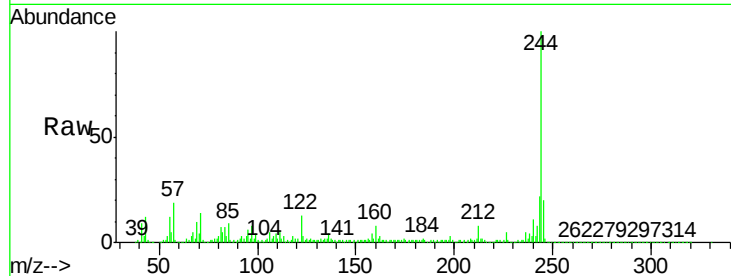
Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tgt Ion:244 Resp: 687459

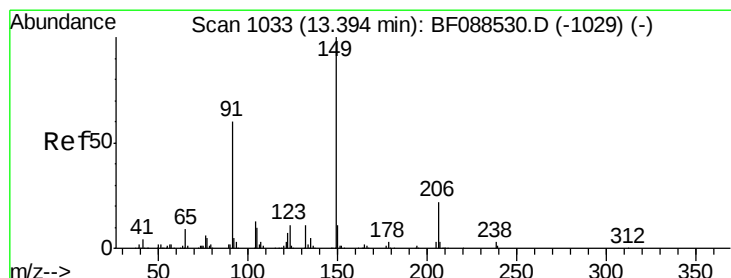
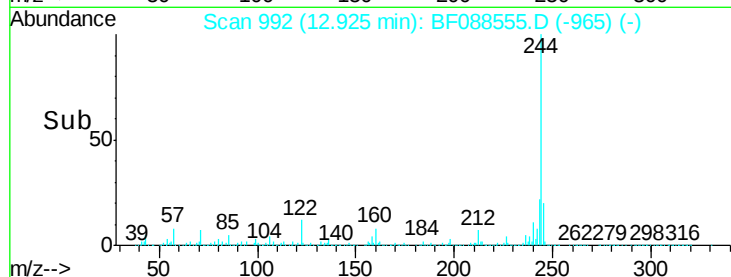
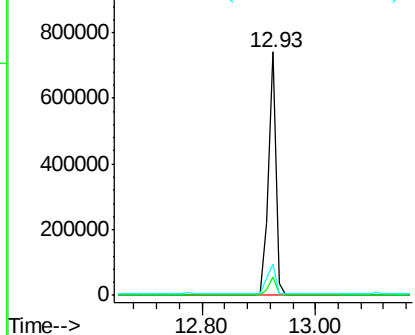
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	12.6	11.2	16.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 48.02 ng

RT: 13.41 min Scan# 1034

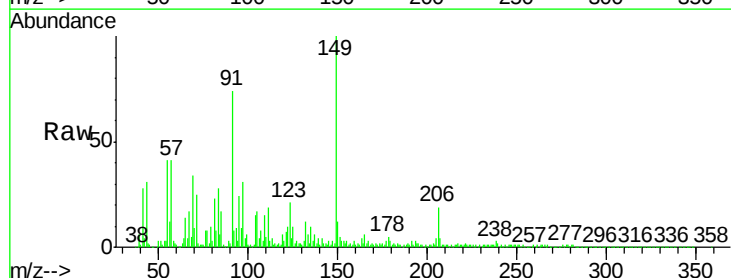
Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Tgt Ion:149 Resp: 305379

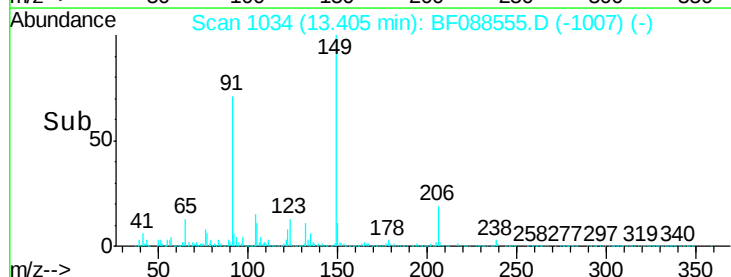
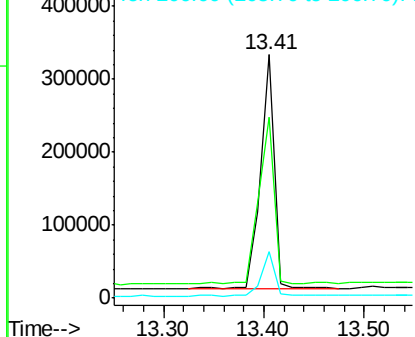
Ion	Ratio	Lower	Upper
149	100		
91	74.2	48.0	72.0#
206	18.9	16.0	24.0

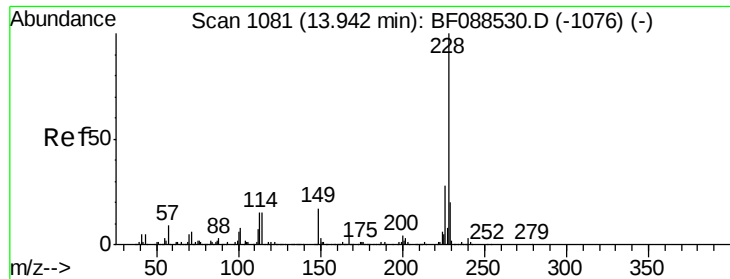


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 44.58 ng

RT: 13.97 min Scan# 1083

Delta R.T. 0.02 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

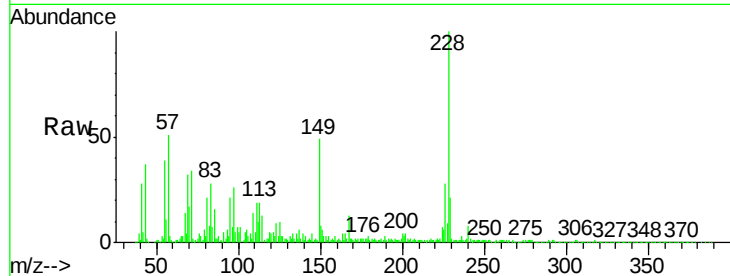
Tgt Ion:228 Resp: 482748

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

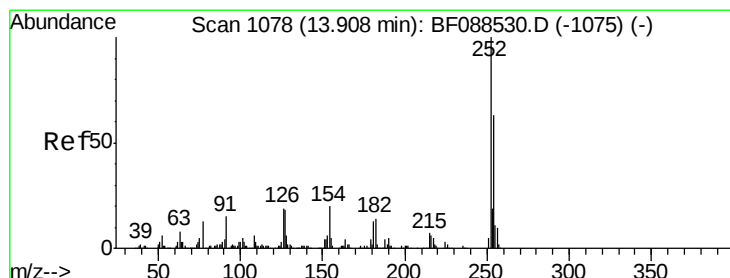
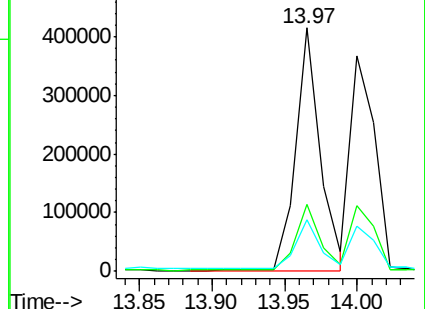
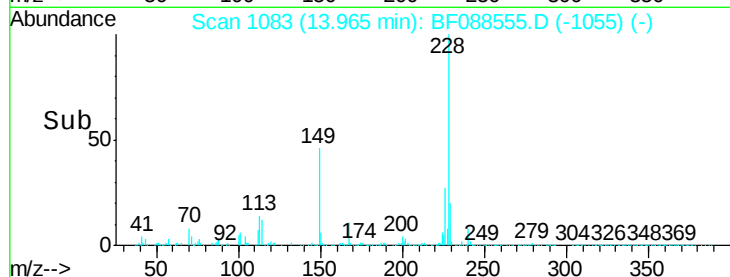
229 21.1 16.0 24.0



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: 20.47 ng

RT: 13.93 min Scan# 1080

Delta R.T. 0.02 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

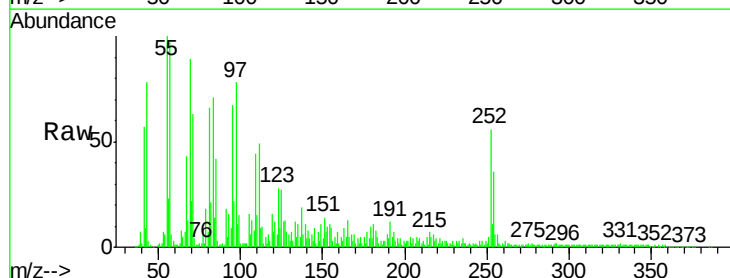
Tgt Ion:252 Resp: 83323

Ion Ratio Lower Upper

252 100

254 63.2 52.6 78.8

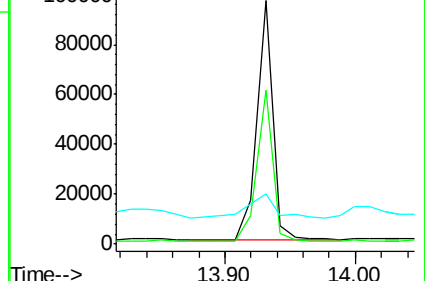
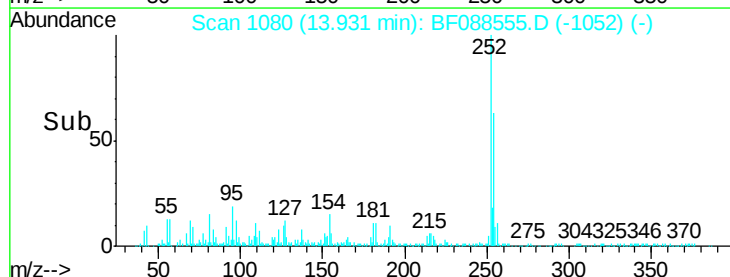
126 20.7 6.2 9.2#

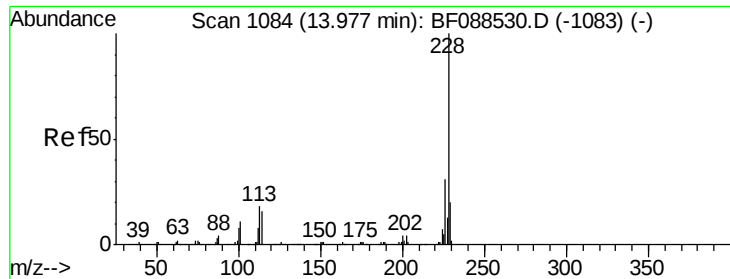


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 40.48 ng

RT: 14.00 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

Instrument :

BNA_F

ClientSampleId :

B1409-TP03E-1224MS

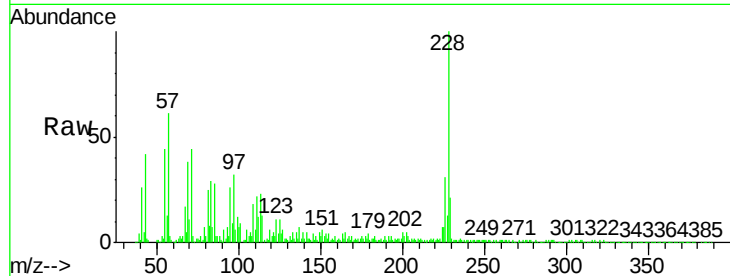
Tgt Ion:228 Resp: 433690

Ion Ratio Lower Upper

228 100

226 30.5 25.4 38.2

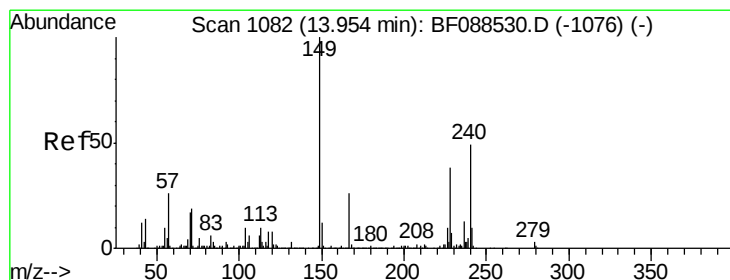
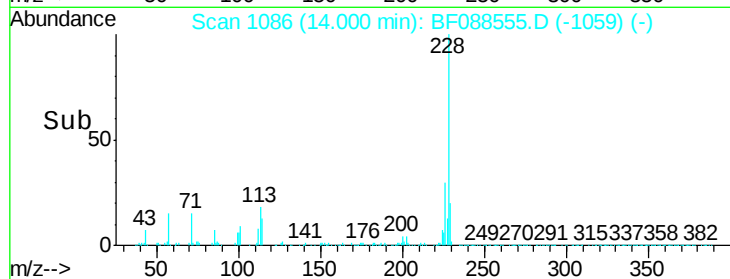
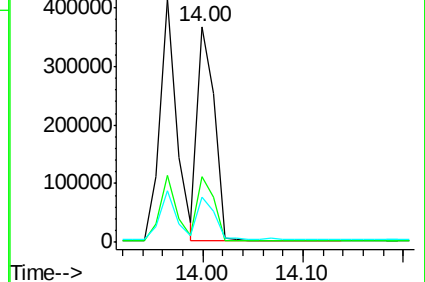
229 21.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.13 ng

RT: 13.98 min Scan# 1084

Delta R.T. 0.02 min

Lab File: BF088555.D

Acq: 1 Jul 2016 3:44

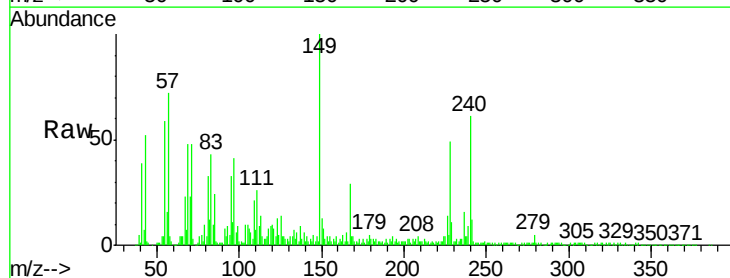
Tgt Ion:149 Resp: 327643

Ion Ratio Lower Upper

149 100

167 28.5 20.5 30.7

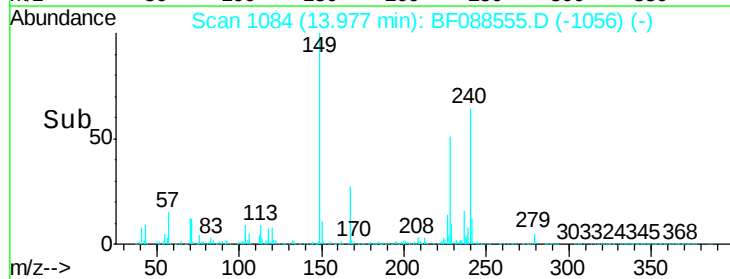
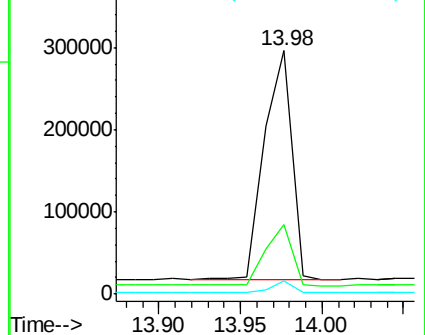
279 5.4 2.0 3.0#

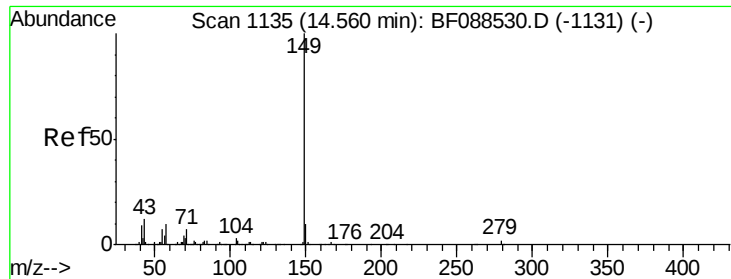


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

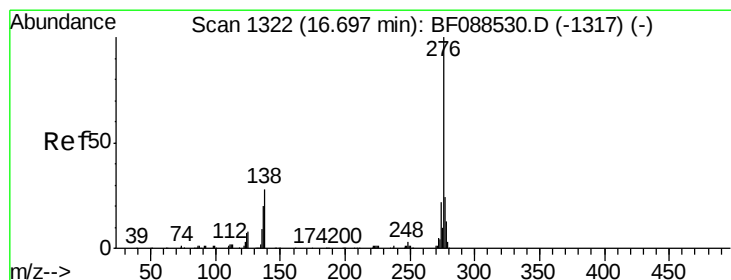
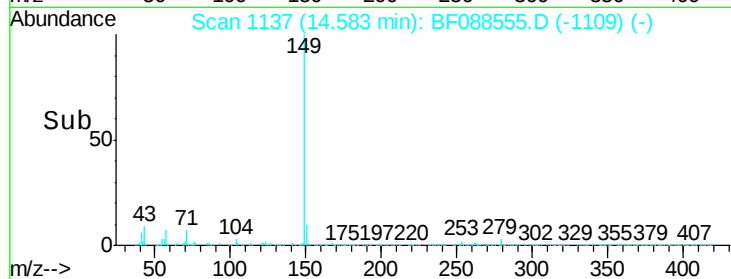
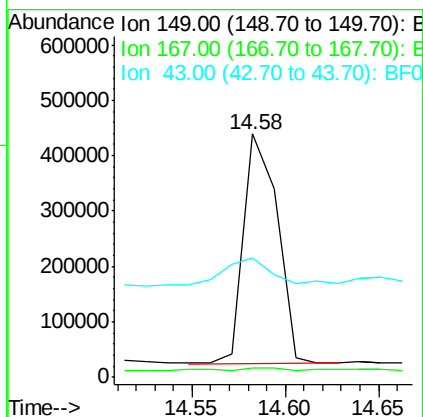
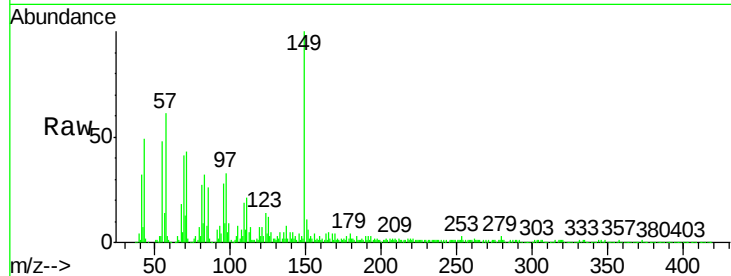




#84
Di-n-octyl phthalate
Concen: 42.29 ng
RT: 14.58 min Scan# 1137
Delta R.T. 0.02 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

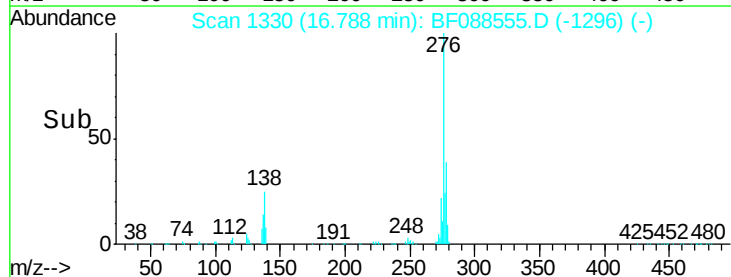
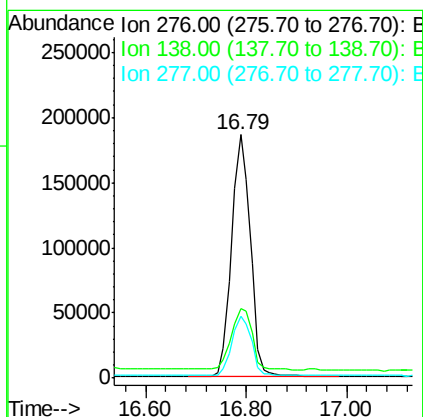
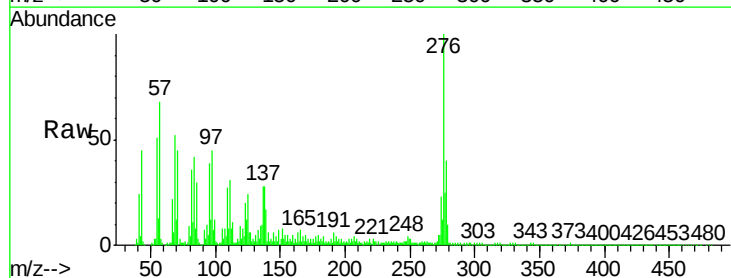
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

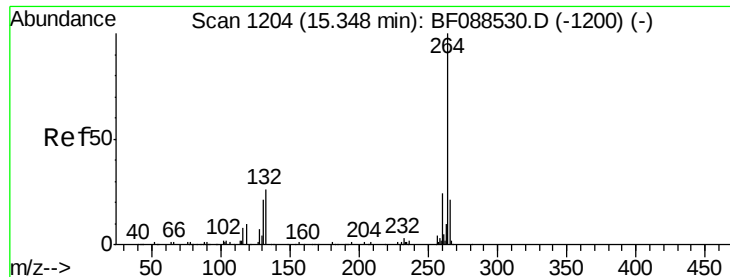
Tgt Ion:149 Resp: 521703
Ion Ratio Lower Upper
149 100
167 1.8 0.0 0.0#
43 20.5 0.0 0.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 58.81 ng
RT: 16.79 min Scan# 1330
Delta R.T. 0.09 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:276 Resp: 484722
Ion Ratio Lower Upper
276 100
138 28.3 0.0 0.0#
277 25.7 0.0 0.0#

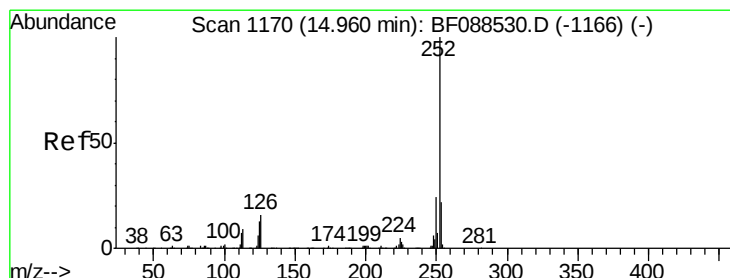
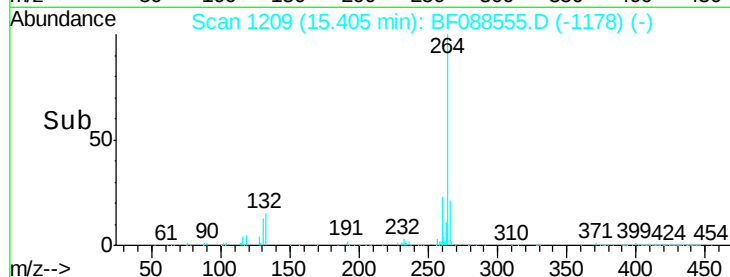
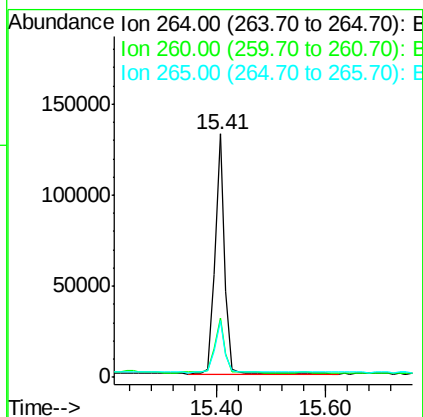
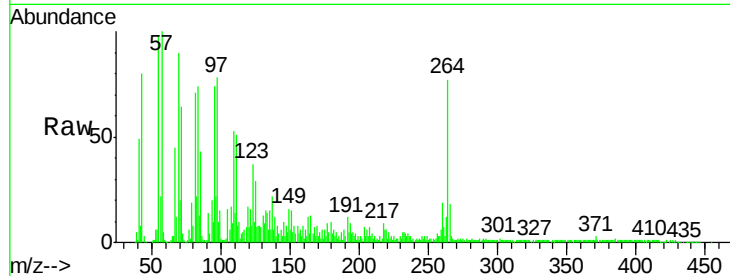




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1209
Delta R.T. 0.06 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

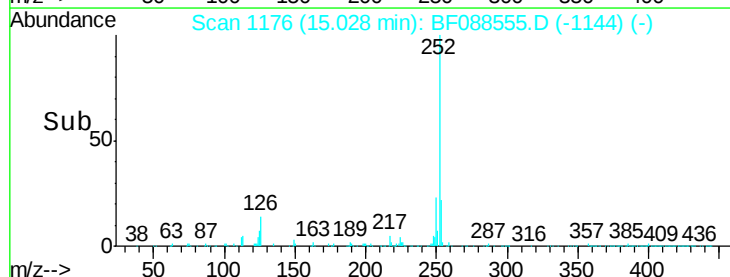
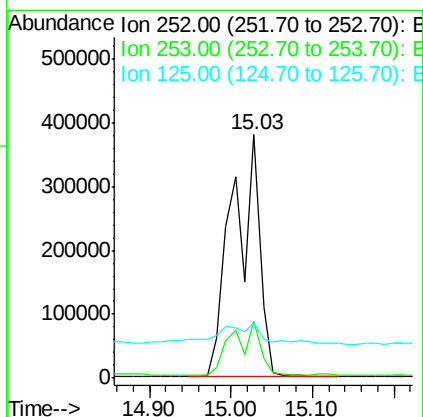
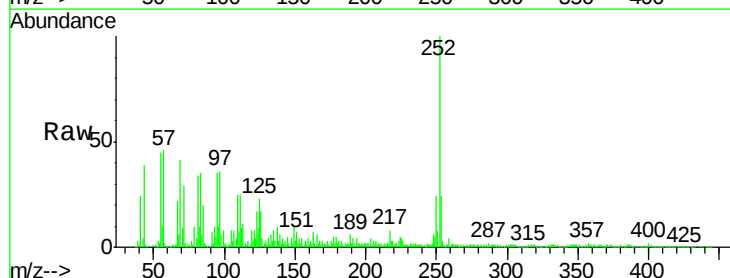
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

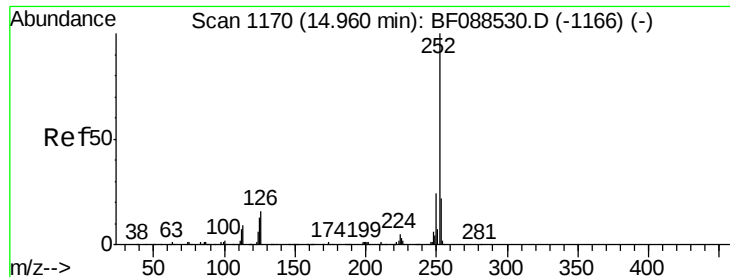
Tgt Ion:264 Resp: 170292
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 23.2 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 81.08 ng
RT: 15.03 min Scan# 1176
Delta R.T. 0.07 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:252 Resp: 866189
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 22.5 7.1 10.7#

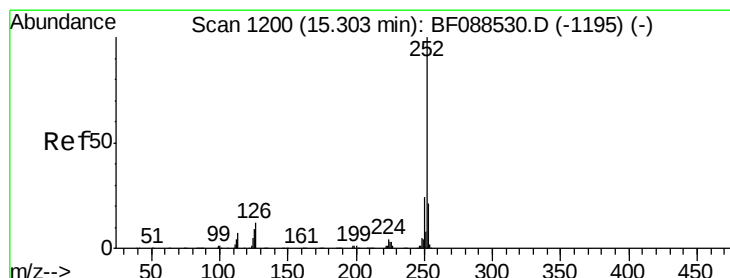
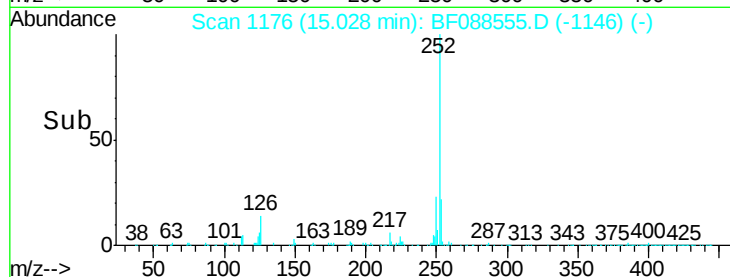
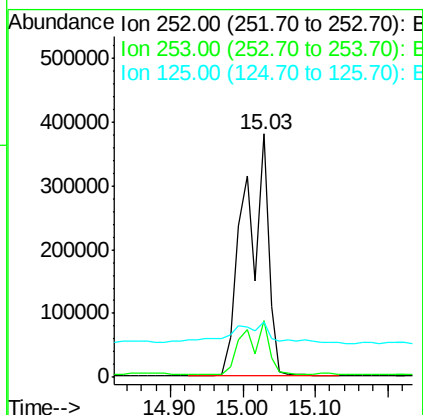
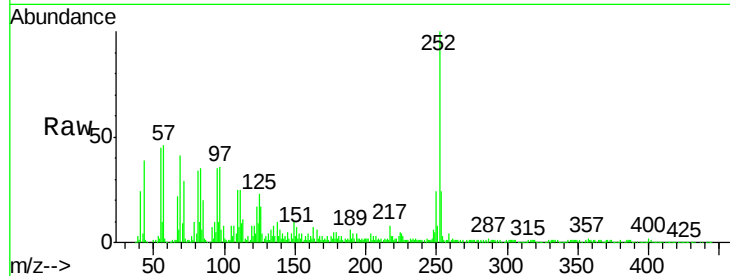




#88
Benzo(k)fluoranthene
Concen: 93.37 ng
RT: 15.03 min Scan# 1176
Delta R.T. 0.05 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

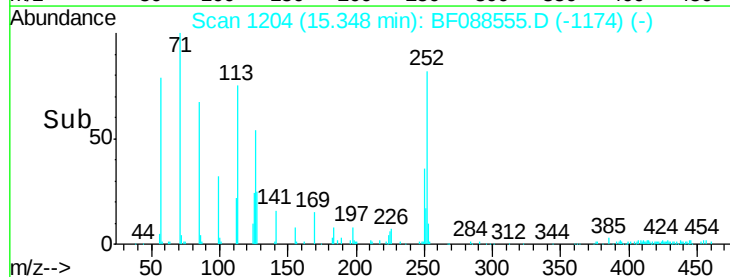
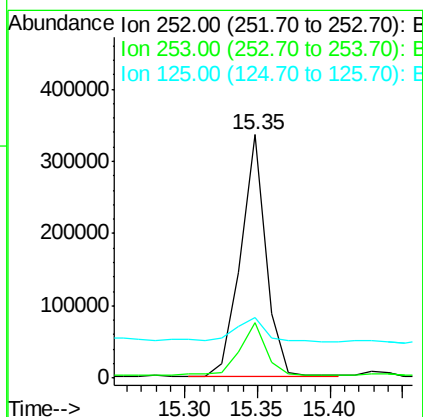
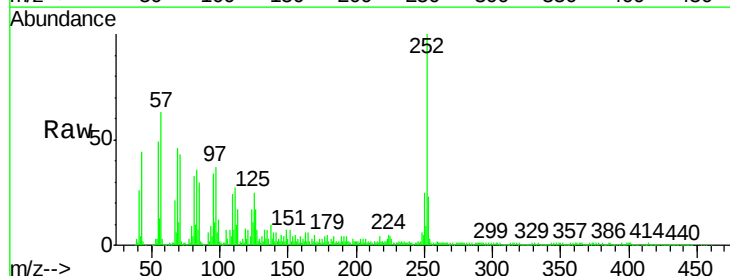
Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

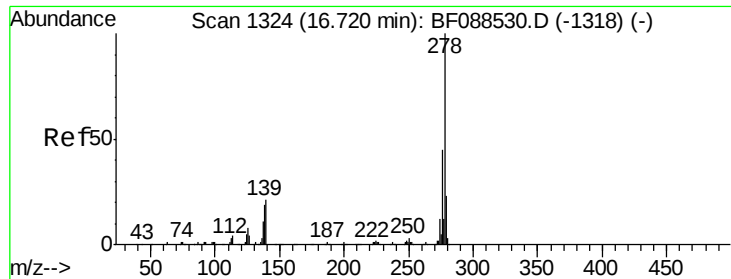
Tgt Ion:252 Resp: 868347
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 22.5 11.2 16.8#



#89
Benzo(a)pyrene
Concen: 45.07 ng
RT: 15.35 min Scan# 1204
Delta R.T. 0.05 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:252 Resp: 407615
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 25.1 12.5 18.7#

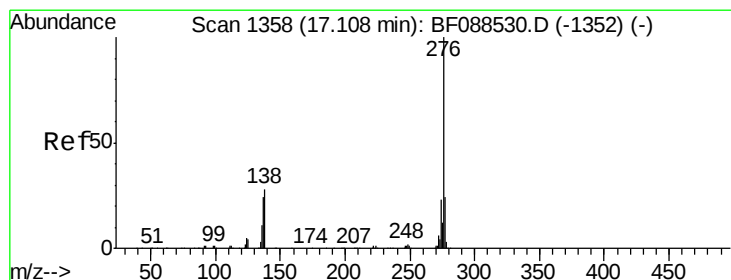
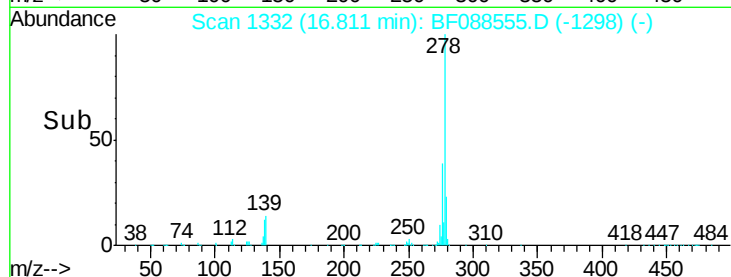
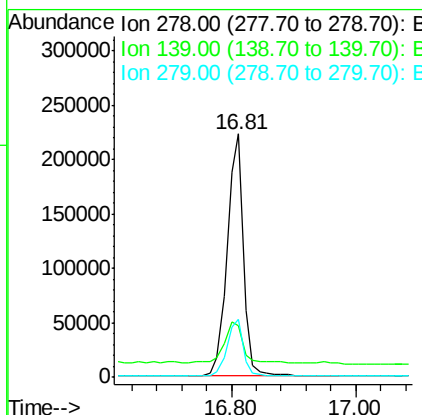
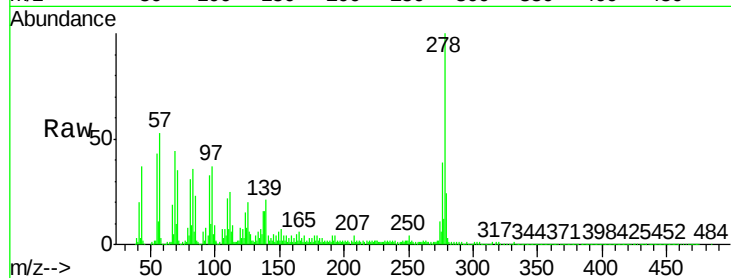




#90
Dibenzo(a,h)anthracene
Concen: 53.48 ng
RT: 16.81 min Scan# 1332
Delta R.T. 0.09 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Instrument :
BNA_F
ClientSampleId :
B1409-TP03E-1224MS

Tgt Ion:278 Resp: 403910
Ion Ratio Lower Upper
278 100
139 21.0 15.7 23.5
279 23.8 19.4 29.2



#91
Benzo(g,h,i)perylene
Concen: 52.33 ng
RT: 17.20 min Scan# 1366
Delta R.T. 0.09 min
Lab File: BF088555.D
Acq: 1 Jul 2016 3:44

Tgt Ion:276 Resp: 408988
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 27.6 21.4 32.2

