

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088777.D
 Acq On : 7 Jul 2016 13:44
 Operator : UM/SJ
 Sample : PB91866BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

Quant Time: Jul 08 01:37:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	101687	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	405502	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	202747	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	367618	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	262315	20.00	ng	-0.03
86) Perylene-d12	15.27	264	248371	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	694239	102.32	ng	-0.02
7) Phenol-d6	6.39	99	925699	105.59	ng	-0.02
23) Nitrobenzene-d5	7.31	82	666618	86.15	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	237690	126.25	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	1010317	78.71	ng	-0.03
78) Terphenyl-d14	12.85	244	1001259	85.02	ng	-0.02

Target Compounds						Qvalue
3) Pyridine	3.03	79	270184	27.68	ng	93
4) n-Nitrosodimethylamine	2.99	42	121523	32.59	ng	89
6) Aniline	6.41	93	332565	26.03	ng	94
8) 2-Chlorophenol	6.52	128	268024	36.75	ng	94
9) Benzaldehyde	6.28	77	219085	36.89	ng	89
10) Phenol	6.40	94	306621	30.64	ng	# 55
11) bis(2-Chloroethyl)ether	6.49	93	290875	38.98	ng	# 81
12) 1,3-Dichlorobenzene	6.68	146	308451	38.44	ng	96
13) 1,4-Dichlorobenzene	6.76	146	289640	36.36	ng	97
14) 1,2-Dichlorobenzene	6.76	146	289640	38.85	ng	99
15) Benzyl Alcohol	6.89	79	251266	38.94	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	323857	29.97	ng	89
17) 2-Methylphenol	7.00	107	242696	40.80	ng	96
18) Hexachloroethane	7.26	117	119067	38.65	ng	92
19) n-Nitroso-di-n-propylamine	7.16	70	215518	36.60	ng	93
20) 3+4-Methylphenols	7.16	107	294057	41.19	ng	96
22) Acetophenone	7.15	105	414001	42.06	ng	# 89
24) Nitrobenzene	7.32	77	294277	37.72	ng	# 82
25) Isophorone	7.58	82	599917	41.85	ng	98
26) 2-Nitrophenol	7.64	139	151525	47.36	ng	96
27) 2,4-Dimethylphenol	7.69	122	262648	39.42	ng	88
28) bis(2-Chloroethoxy)methane	7.78	93	349163	37.43	ng	# 96
29) 2,4-Dichlorophenol	7.88	162	226415	42.04	ng	96
30) 1,2,4-Trichlorobenzene	7.98	180	249334	42.19	ng	97
31) Naphthalene	8.04	128	803366	40.19	ng	100
32) Benzoic acid	7.84	122	180457	37.30	ng	93
33) 4-Chloroaniline	8.10	127	187588	21.09	ng	95
34) Hexachlorobutadiene	8.17	225	137408	43.42	ng	98
35) Caprolactam	8.48	113	40122	21.94	ng	92
36) 4-Chloro-3-methylphenol	8.59	107	292307	45.90	ng	92
37) 2-Methylnaphthalene	8.74	142	569308	44.23	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	246082	36.49	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	255057	77.06	ng	99
42) 2,4,6-Trichlorophenol	9.03	196	179869	40.46	ng	99

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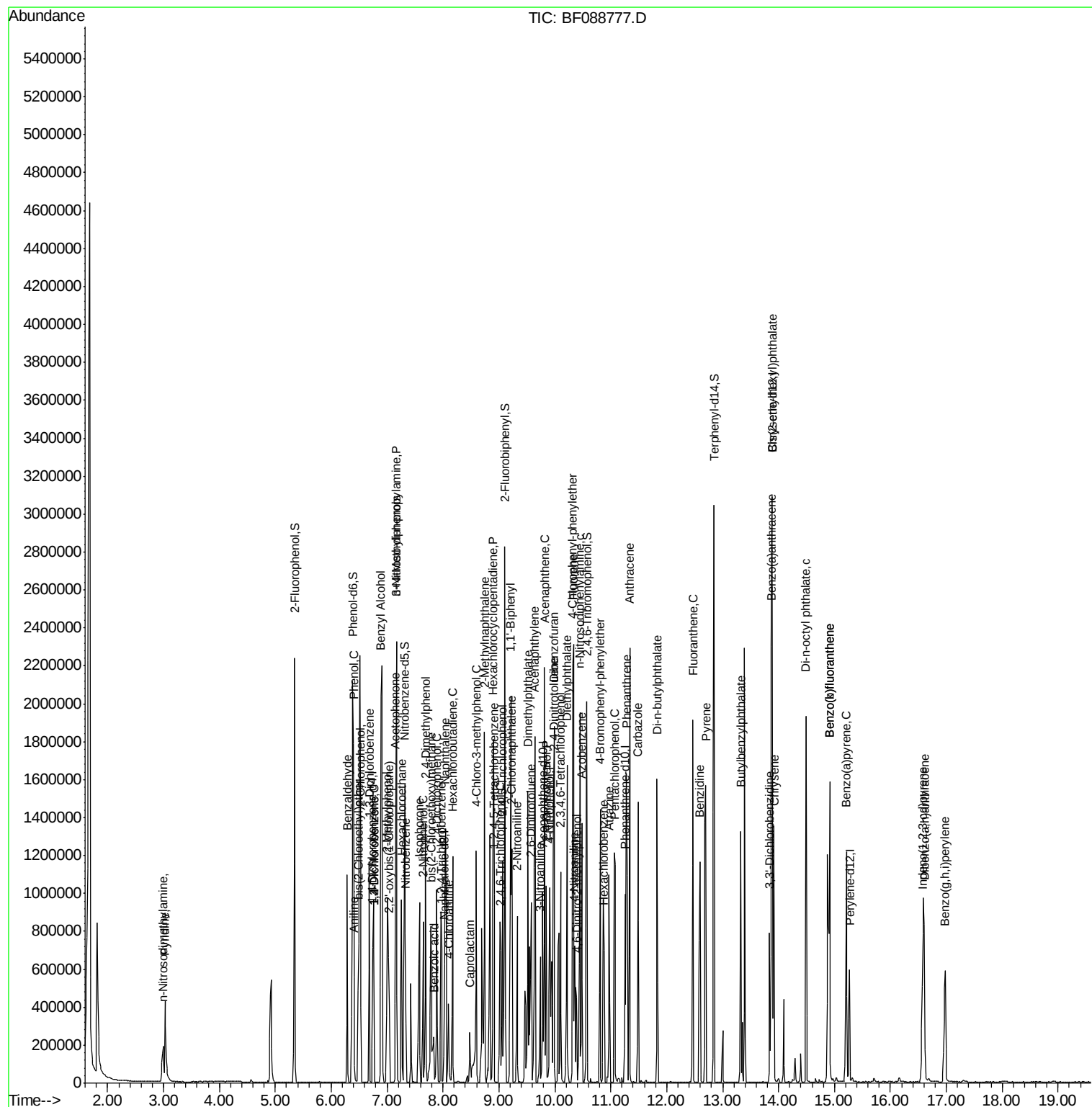
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	168018	43.92	ng	# 88
45) 1,1'-Biphenyl	9.21	154	702712	41.86	ng	97
46) 2-Chloronaphthalene	9.23	162	539199	40.91	ng	96
47) 2-Nitroaniline	9.32	65	164382	35.14	ng	97
48) Acenaphthylene	9.64	152	863744	41.19	ng	99
49) Dimethylphthalate	9.52	163	661014	45.76	ng	99
50) 2,6-Dinitrotoluene	9.58	165	157461	49.19	ng	# 82
51) Acenaphthene	9.82	154	548271	42.65	ng	98
52) 3-Nitroaniline	9.74	138	97624	23.99	ng	94
53) 2,4-Dinitrophenol	9.85	184	169530	119.94	ng	90
54) Dibenzofuran	9.99	168	725000	43.09	ng	# 87
55) 4-Nitrophenol	9.91	139	228596	73.92	ng	91
56) 2,4-Dinitrotoluene	9.98	165	172141	41.13	ng	# 45
57) Fluorene	10.33	166	601719	46.41	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	130853	44.21	ng	# 48
59) Diethylphthalate	10.22	149	644625	44.47	ng	99
60) 4-Chlorophenyl-phenylether	10.32	204	229150	38.04	ng	# 84
61) 4-Nitroaniline	10.35	138	134234	34.28	ng	81
62) Azobenzene	10.48	77	688552	41.64	ng	94
64) 4,6-Dinitro-2-methylphenol	10.39	198	108358	55.11	ng	# 59
65) n-Nitrosodiphenylamine	10.44	169	502971	40.43	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	167518	45.22	ng	# 88
67) Hexachlorobenzene	10.88	284	179453	43.76	ng	# 70
68) Atrazine	10.97	200	163383	42.14	ng	90
69) Pentachlorophenol	11.07	266	211258	87.05	ng	98
70) Phenanthrene	11.28	178	840607	41.83	ng	100
71) Anthracene	11.34	178	855742	42.83	ng	100
72) Carbazole	11.49	167	774492	41.18	ng	99
73) Di-n-butylphthalate	11.83	149	912280	41.70	ng	# 99
74) Fluoranthene	12.47	202	933627	45.83	ng	96
76) Benzidine	12.59	184	550950	41.55	ng	97
77) Pyrene	12.70	202	929904	41.81	ng	99
79) Butylbenzylphthalate	13.33	149	446616	45.02	ng	99
80) Benzo(a)anthracene	13.87	228	719981	42.63	ng	100
81) 3,3'-Dichlorobenzidine	13.84	252	138611	21.83	ng	# 96
82) Chrysene	13.92	228	701133	41.96	ng	97
83) Bis(2-ethylhexyl)phthalate	13.89	149	558638	49.32	ng	# 99
84) Di-n-octyl phthalate	14.49	149	939345	48.82	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.58	276	611853	47.59	ng	# 100
87) Benzo(b)fluoranthene	14.91	252	1306203	83.84	ng	# 97
88) Benzo(k)fluoranthene	14.91	252	1306628	96.33	ng	98
89) Benzo(a)pyrene	15.21	252	602461	45.67	ng	99
90) Dibenzo(a,h)anthracene	16.61	278	507021	46.03	ng	# 95
91) Benzo(g,h,i)perylene	16.98	276	491095	43.08	ng	95

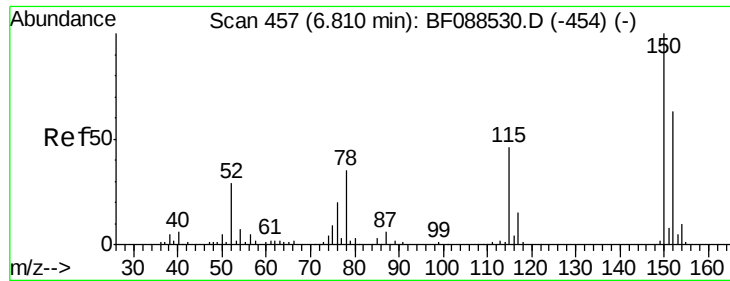
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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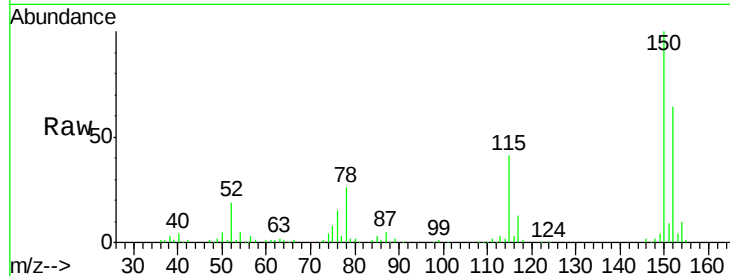


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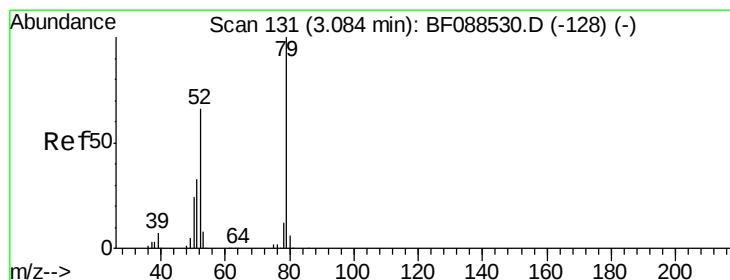
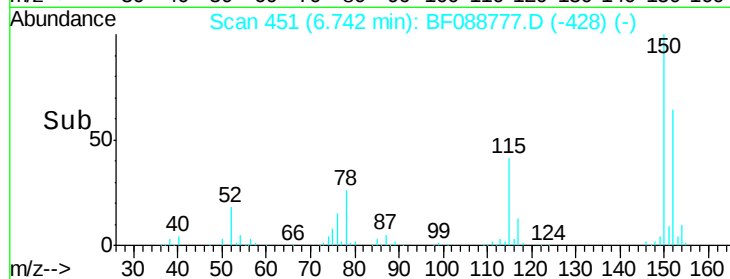
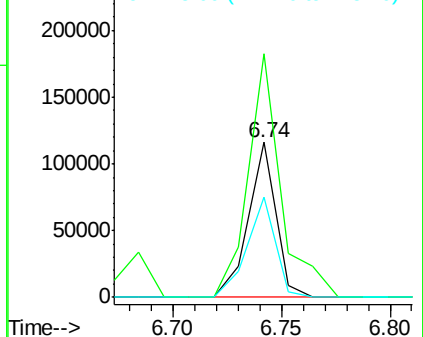
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.03 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 101687
Ion Ratio Lower Upper
152 100
150 157.2 123.8 185.6
115 65.0 39.6 59.4#



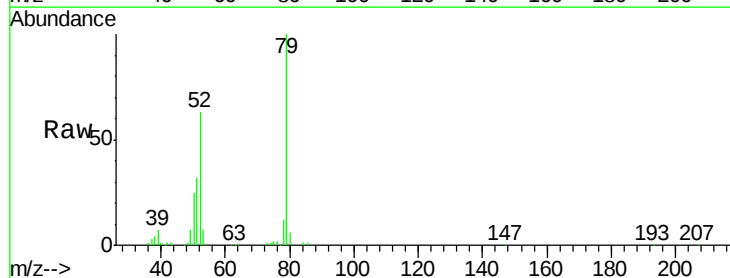
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



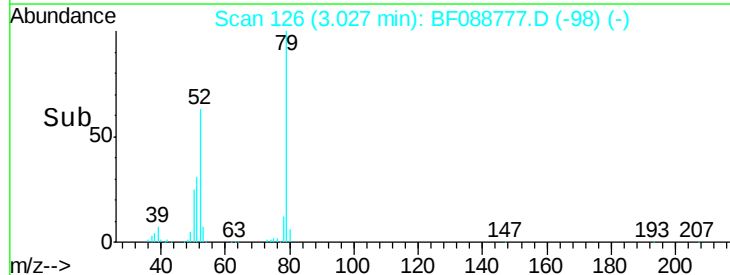
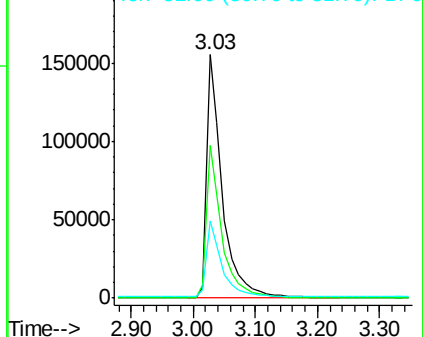
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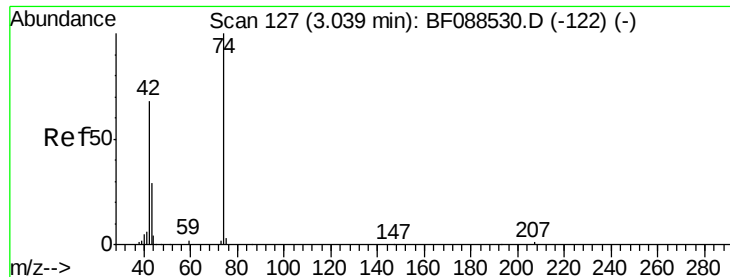
Pyridine
Concen: 27.68 ng
RT: 3.03 min Scan# 126
Delta R.T. 0.02 min
Lab File: BF088777.D
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Tgt Ion: 79 Resp: 270184
Ion Ratio Lower Upper
79 100
52 63.0 56.3 84.5
51 31.9 27.4 41.2



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



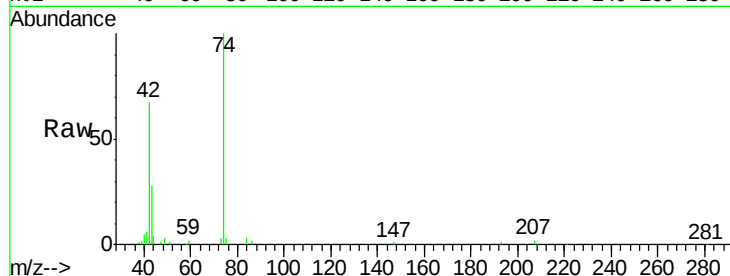


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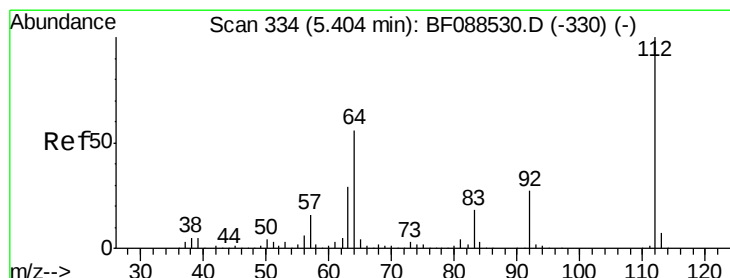
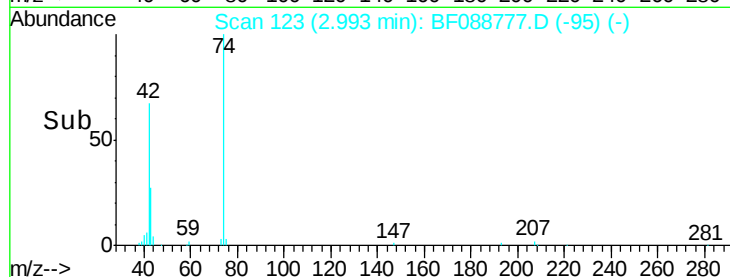
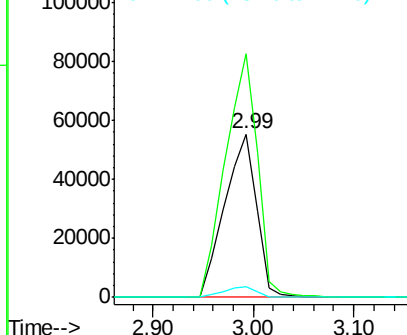
n-Nitrosodimethylamine
Concen: 32.59 ng
RT: 2.99 min Scan# 123
Delta R.T. 0.02 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

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Tgt Ion: 42 Resp: 121523
Ion Ratio Lower Upper
42 100
74 149.2 108.6 163.0
44 6.6 5.5 8.3



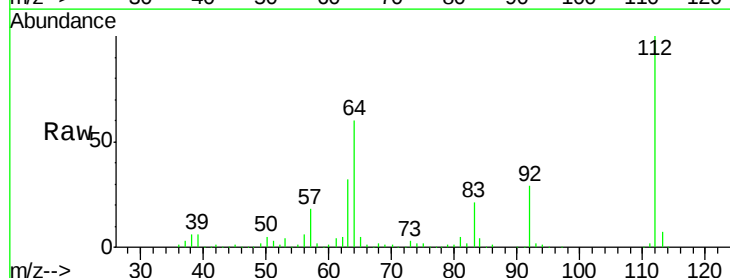
Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



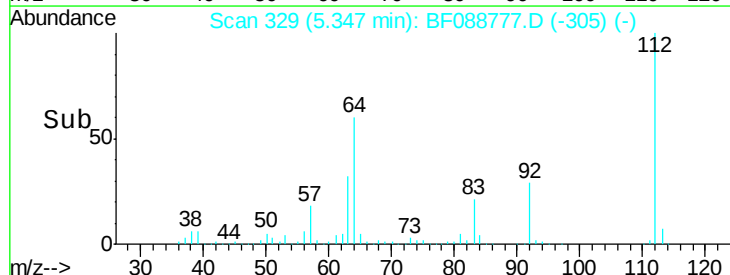
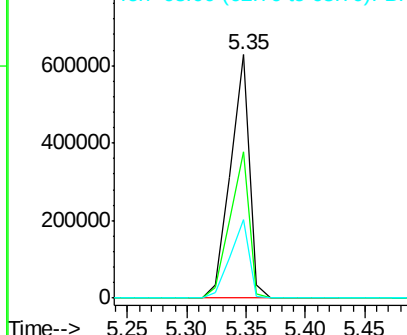
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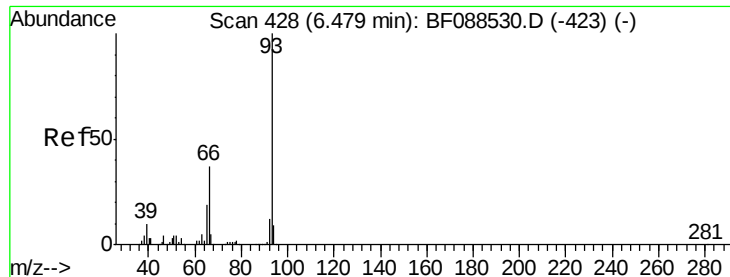
2-Fluorophenol
Concen: 102.32 ng
RT: 5.35 min Scan# 329
Delta R.T. -0.02 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion: 112 Resp: 694239
Ion Ratio Lower Upper
112 100
64 59.8 42.2 63.2
63 32.0 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: 26.03 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

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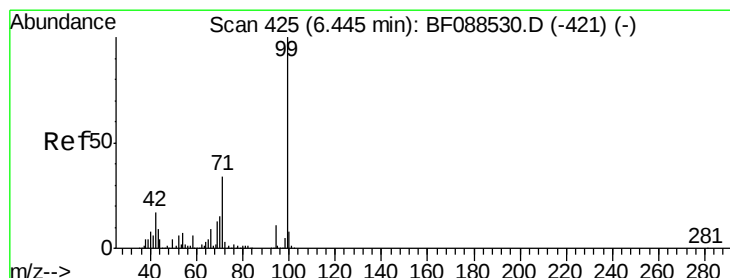
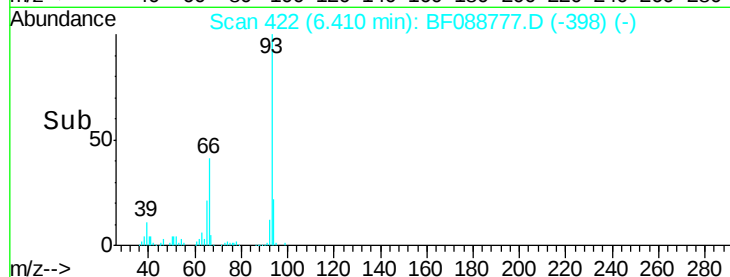
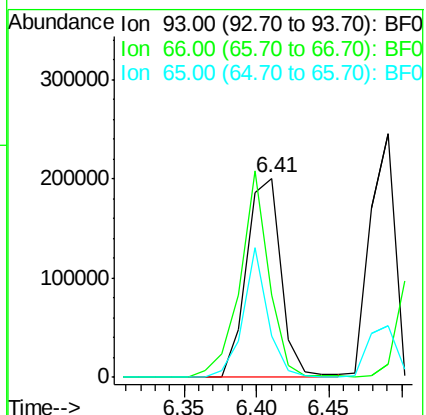
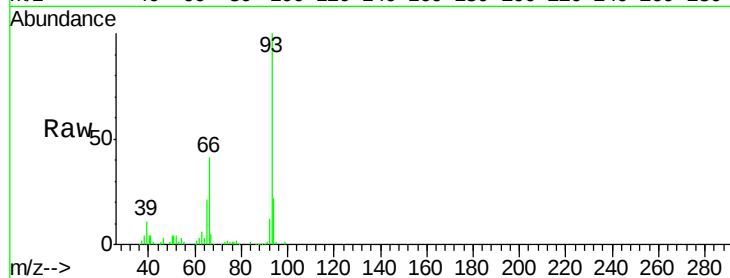
Tgt Ion: 93 Resp: 332565

Ion Ratio Lower Upper

93 100

66 41.2 29.8 44.8

65 20.5 14.9 22.3



#7

Phenol-d6

Concen: 105.59 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

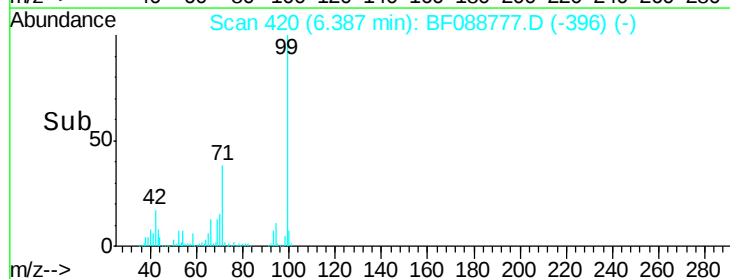
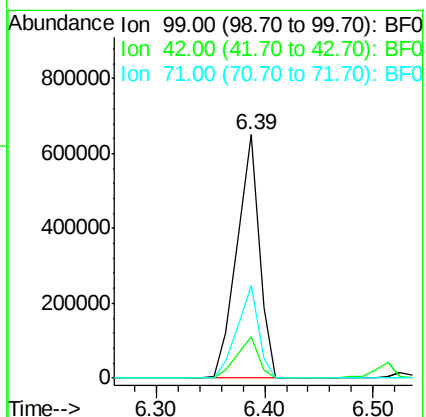
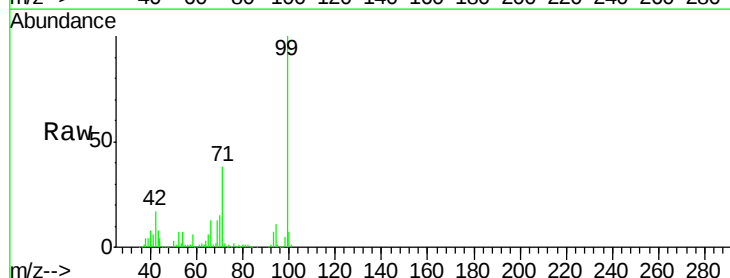
Tgt Ion: 99 Resp: 925699

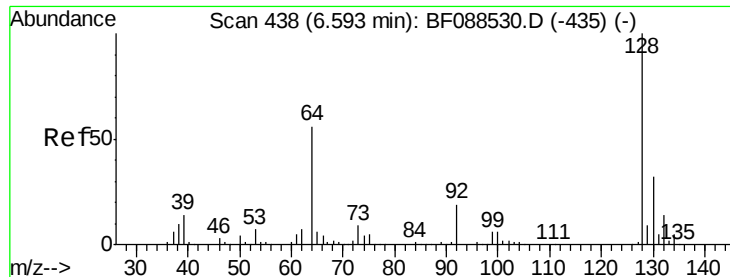
Ion Ratio Lower Upper

99 100

42 17.3 12.2 18.2

71 37.8 23.4 35.0#





#8

2-Chlorophenol

Concen: 36.75 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

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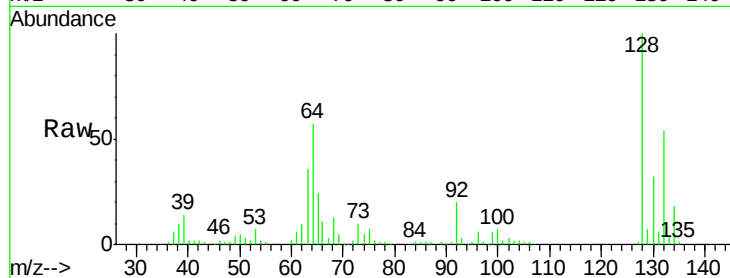
Tgt Ion:128 Resp: 268024

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

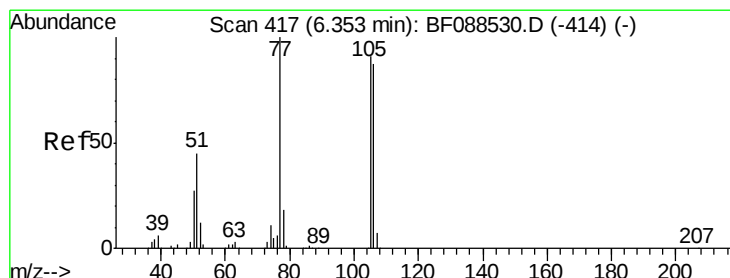
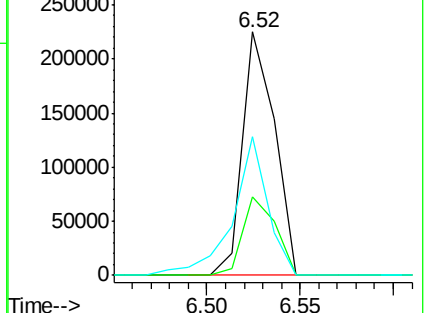
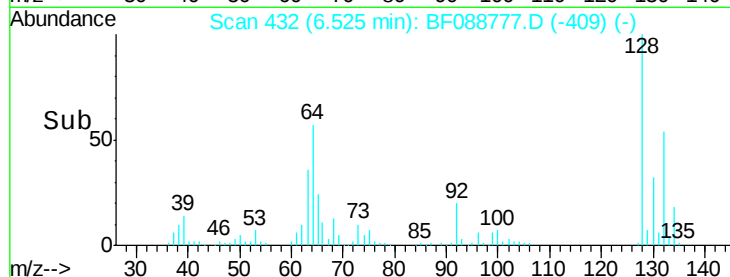
64 56.9 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 36.89 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

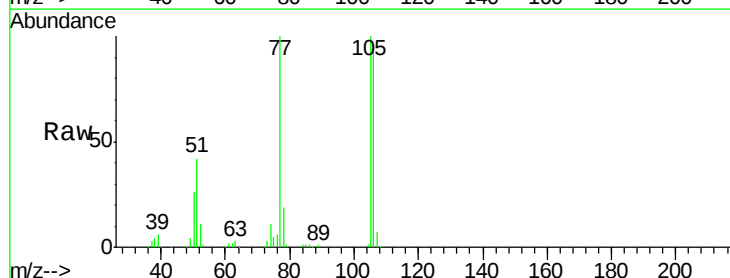
Tgt Ion: 77 Resp: 219085

Ion Ratio Lower Upper

77 100

105 99.9 90.6 130.6

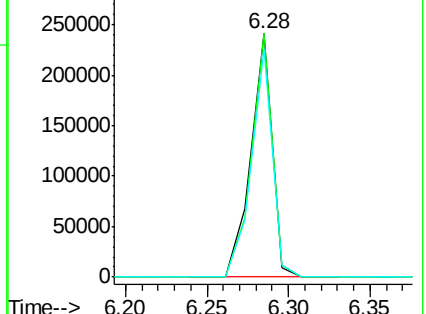
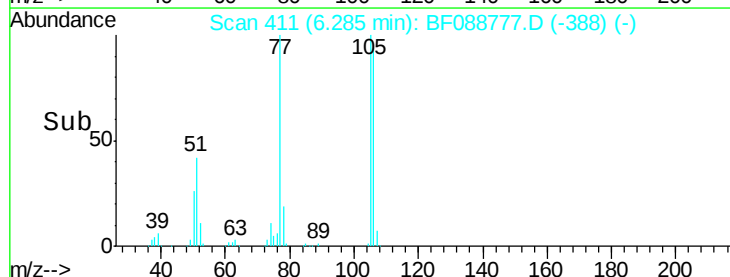
106 93.7 85.3 125.3

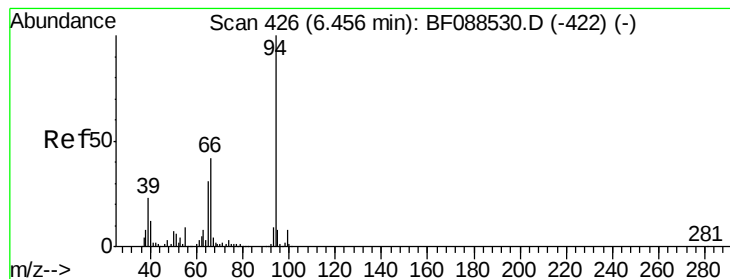


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 30.64 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

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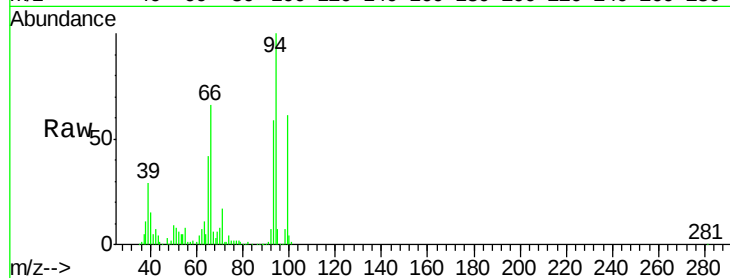
Tgt Ion: 94 Resp: 306621

Ion Ratio Lower Upper

94 100

65 41.6 5.9 45.9

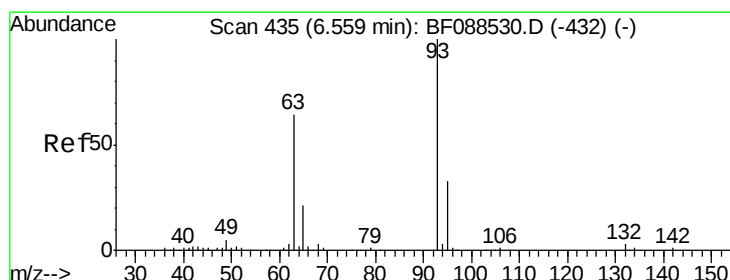
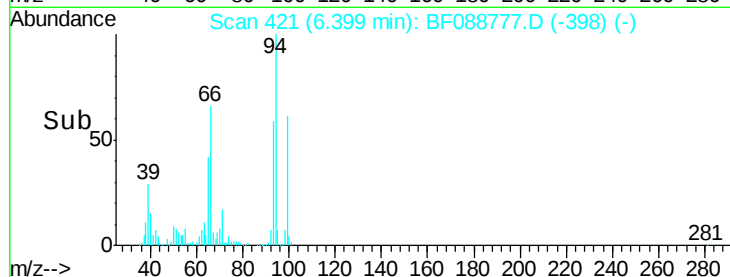
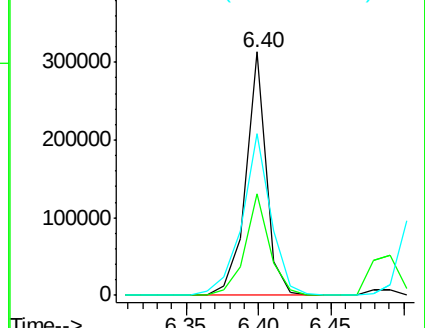
66 66.4 14.0 54.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 38.98 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

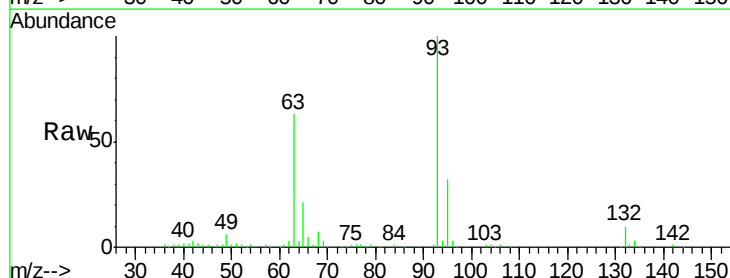
Tgt Ion: 93 Resp: 290875

Ion Ratio Lower Upper

93 100

63 63.5 67.6 107.6#

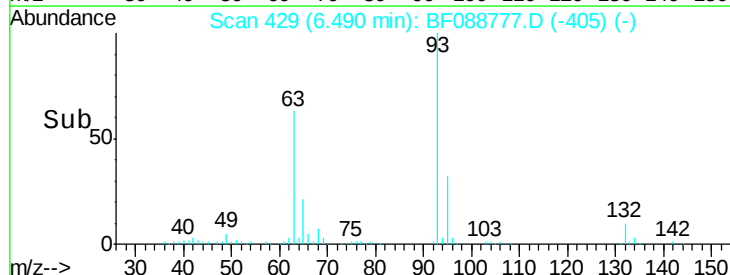
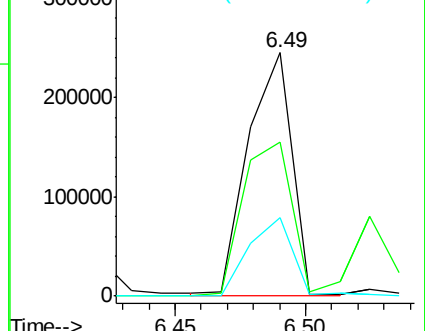
95 32.1 12.5 52.5

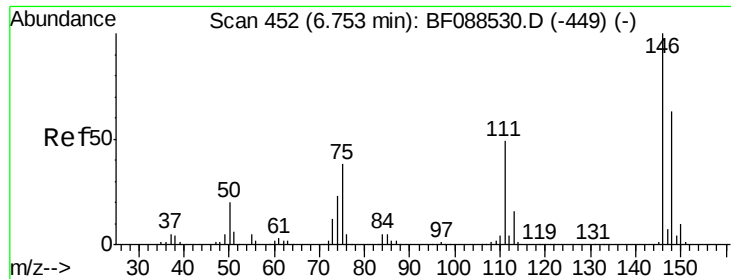


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

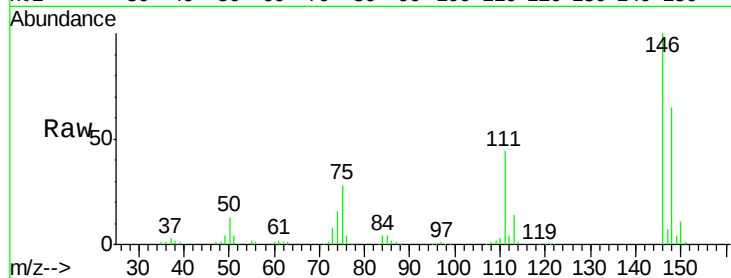




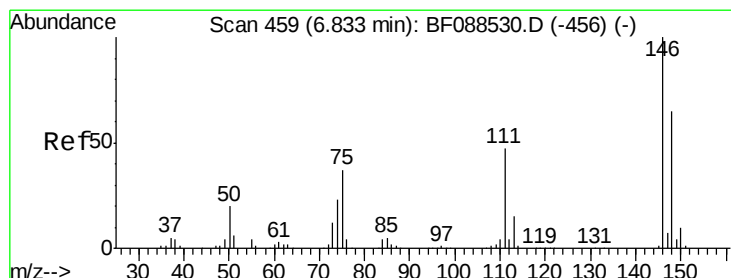
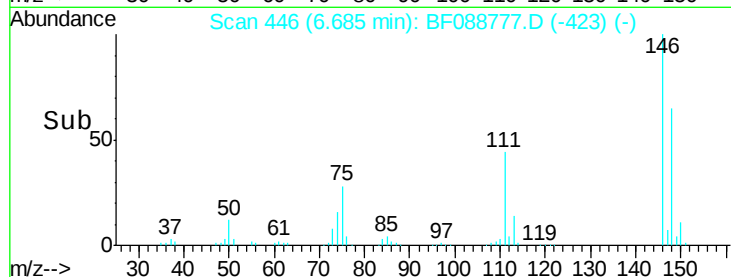
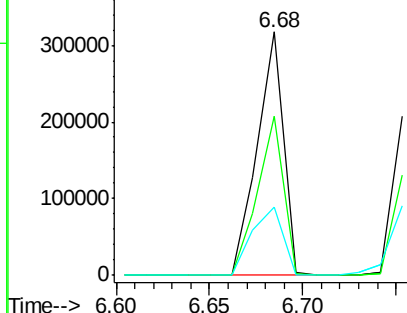
#12
 1,3-Dichlorobenzene
 Concen: 38.44 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.03 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

Tgt Ion:146 Resp: 308451
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.9 76.3
 75 28.0 25.6 38.4

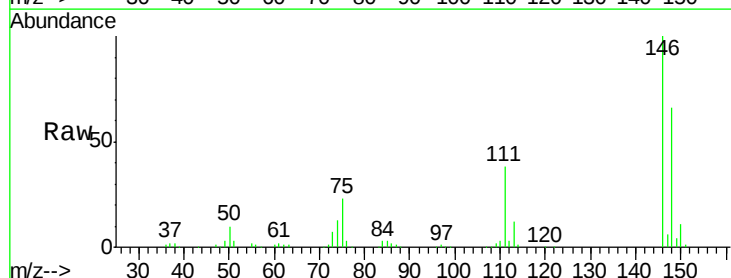


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): E

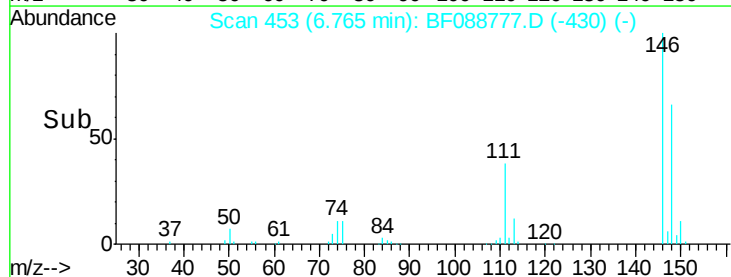
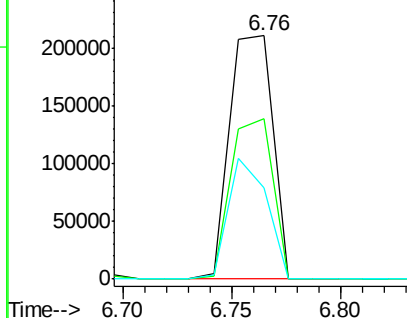


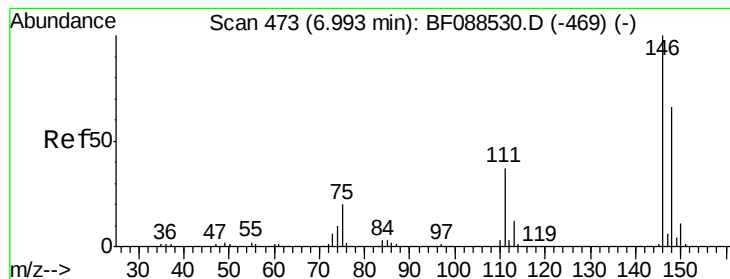
#13
 1,4-Dichlorobenzene
 Concen: 36.36 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion:146 Resp: 289640
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.0 78.0
 111 37.6 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: 38.85 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.18 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

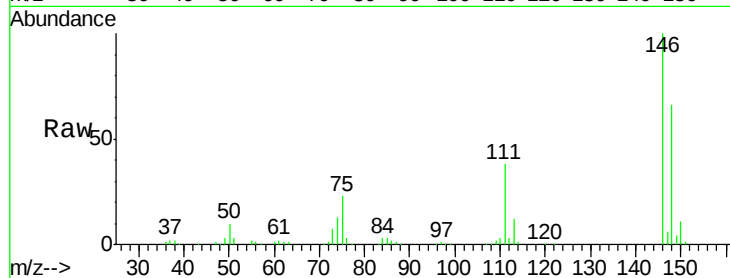
Tgt Ion:146 Resp: 289640

Ion Ratio Lower Upper

146 100

148 65.6 52.3 78.5

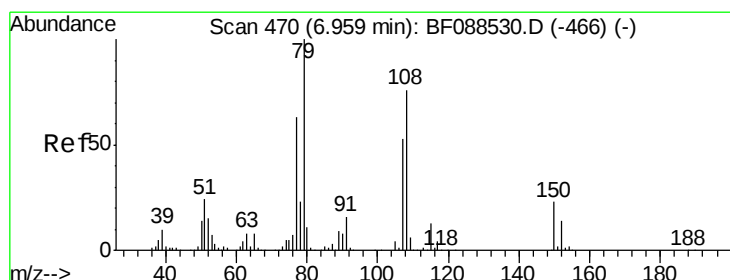
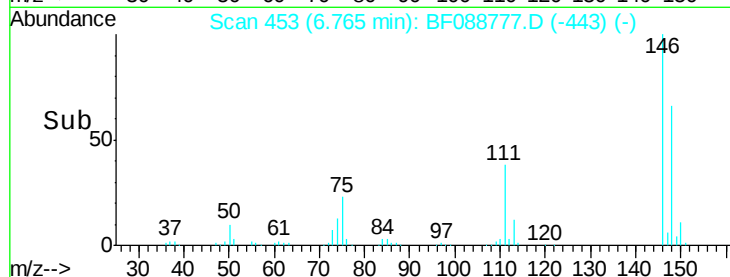
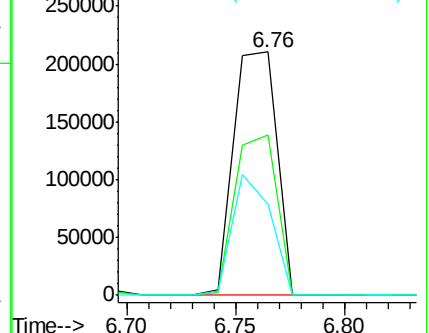
111 37.6 28.7 43.1



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: 38.94 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

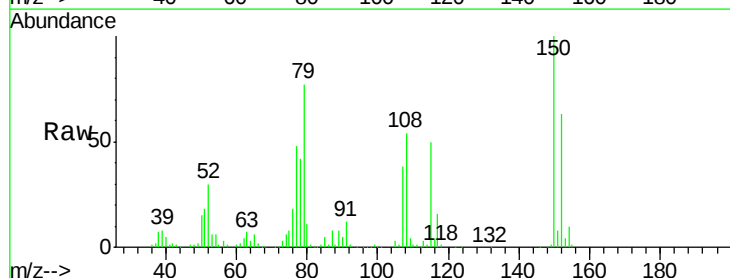
Tgt Ion: 79 Resp: 251266

Ion Ratio Lower Upper

79 100

108 69.9 65.0 97.6

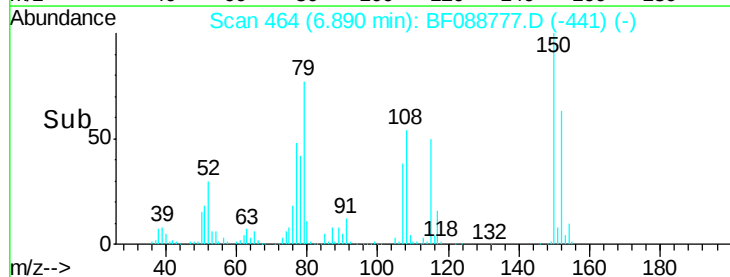
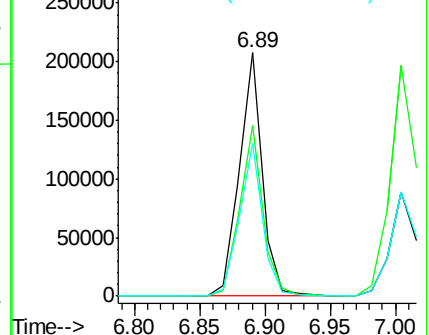
77 62.6 50.3 75.5

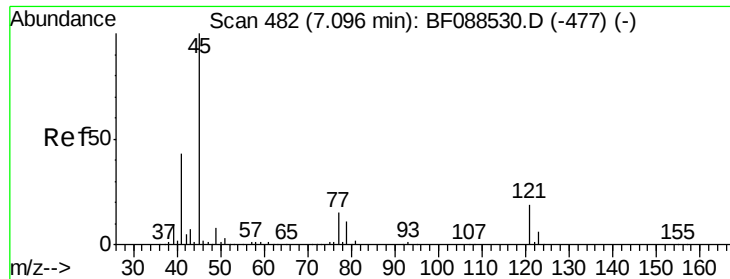


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

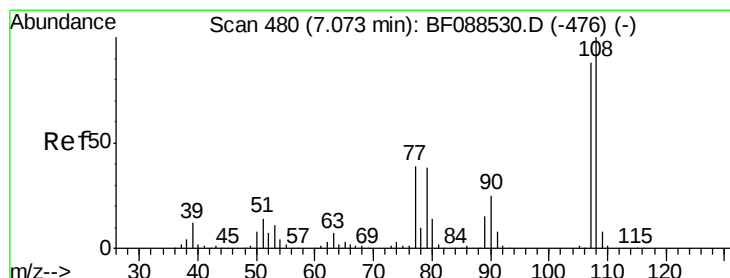
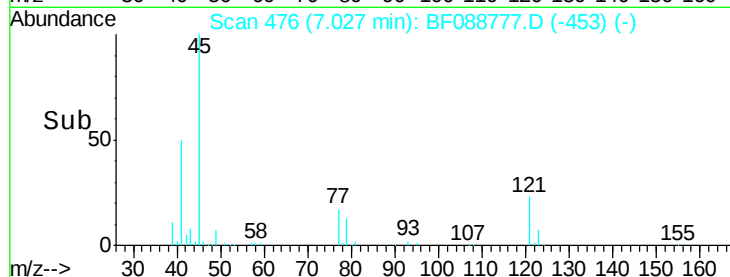
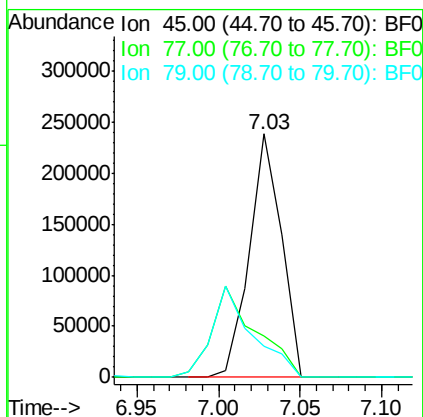
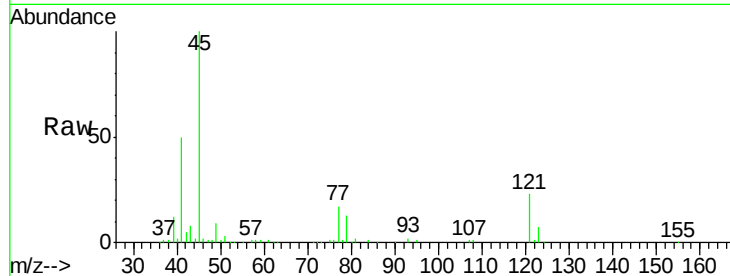




#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.97 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.03 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

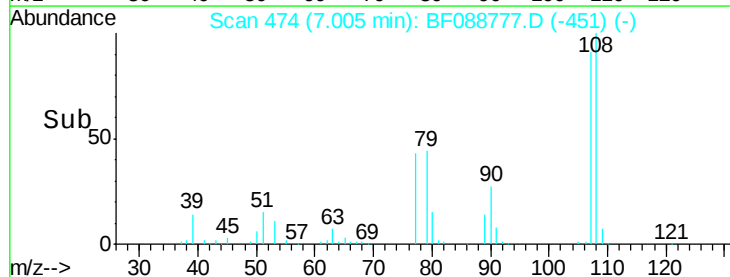
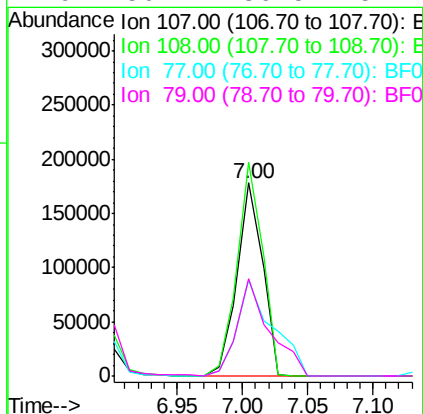
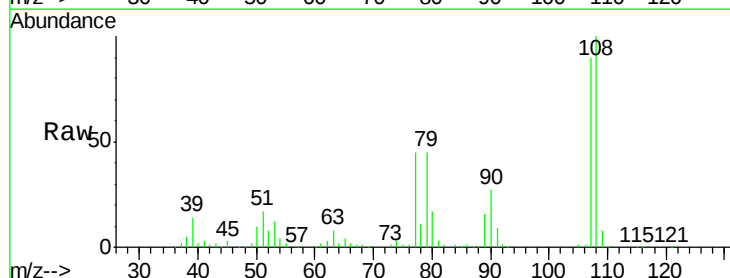
Instrument :
BNA_F
ClientSampleId :
PB91866BS

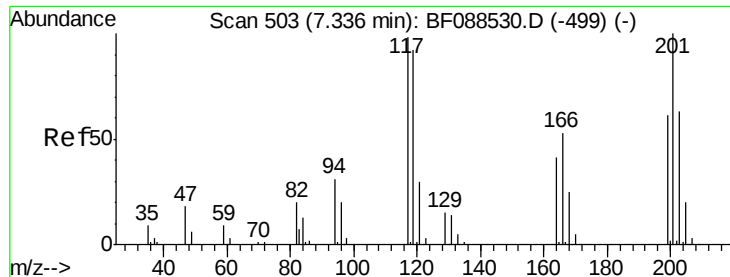
Tgt Ion: 45 Resp: 323857
Ion Ratio Lower Upper
45 100
77 17.1 0.0 32.5
79 12.9 0.0 29.5



#17
2-Methylphenol
Concen: 40.80 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion: 107 Resp: 242696
Ion Ratio Lower Upper
107 100
108 110.7 90.9 136.3
77 49.9 36.6 55.0
79 50.1 36.5 54.7

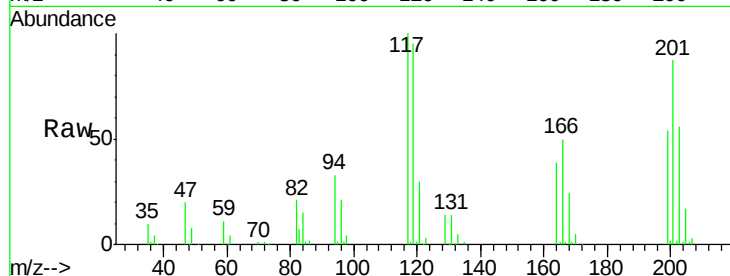




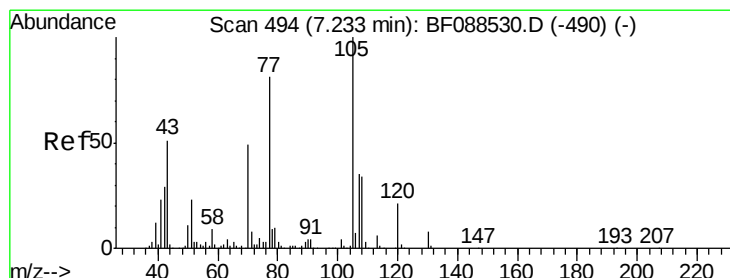
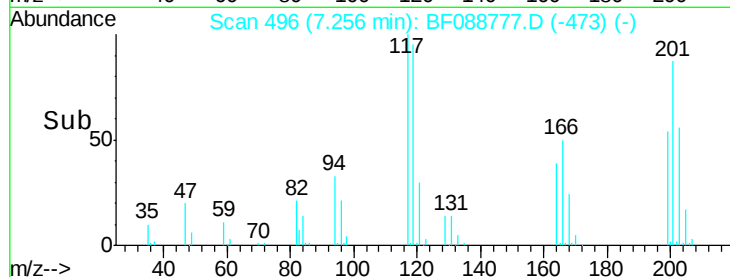
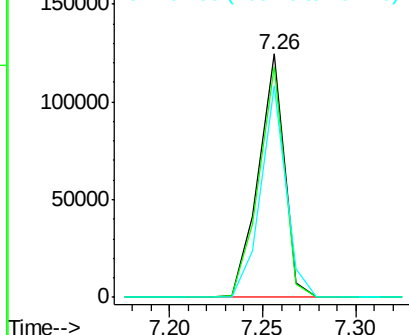
#18
Hexachloroethane
Concen: 38.65 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion: 117 Resp: 119067
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.2
201 86.9 80.4 120.6



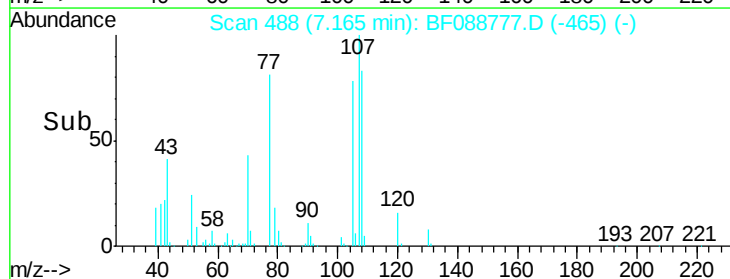
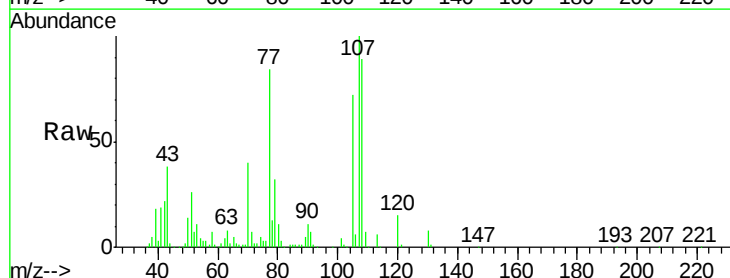
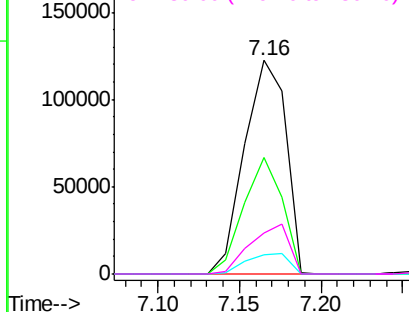
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

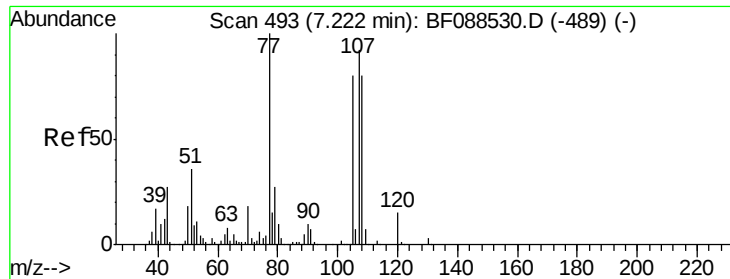


#19
n-Nitroso-di-n-propylamine
Concen: 36.60 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion: 70 Resp: 215518
Ion Ratio Lower Upper
70 100
42 54.7 49.6 74.4
101 9.1 7.1 10.7
130 19.1 15.4 23.2

Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 41.19 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

Tgt Ion:107 Resp: 294057

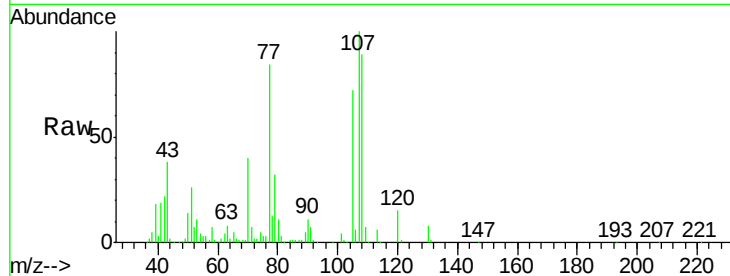
Ion Ratio Lower Upper

107 100

108 88.8 67.8 107.8

77 84.5 59.3 99.3

79 32.2 7.0 47.0

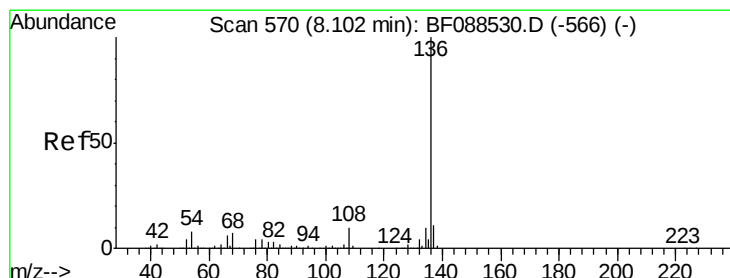
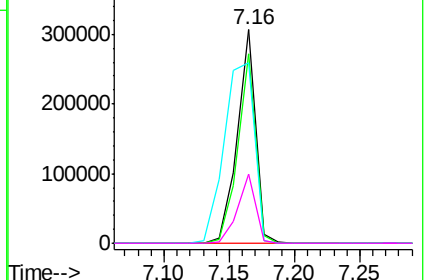
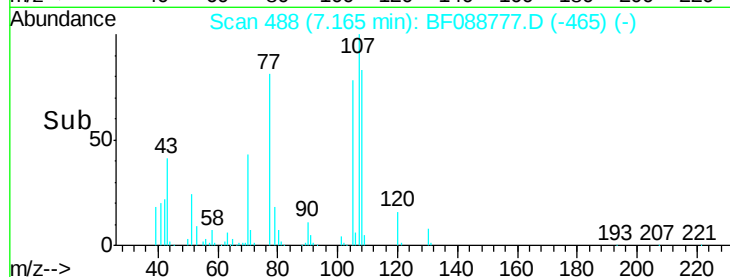


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.05 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Tgt Ion:136 Resp: 405502

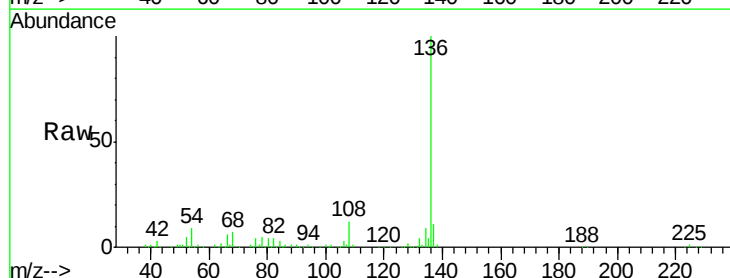
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.8 6.6 10.0

68 7.0 5.1 7.7

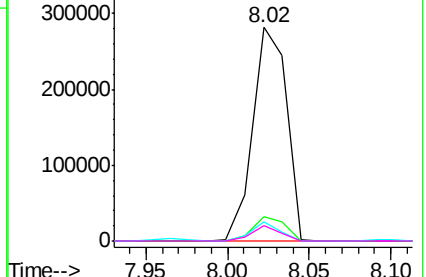
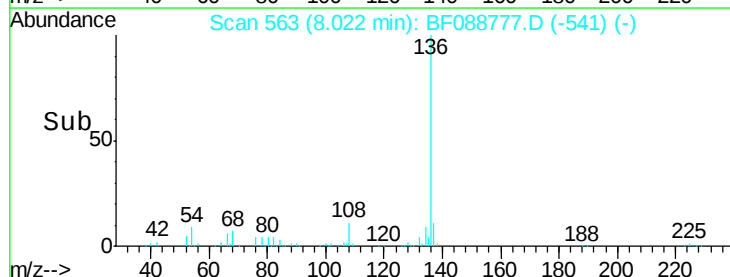


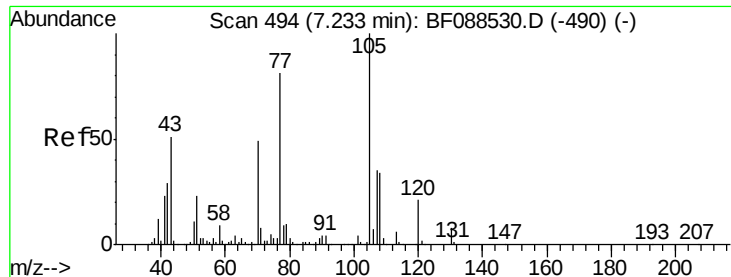
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 42.06 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.05 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

Tgt Ion:105 Resp: 414001

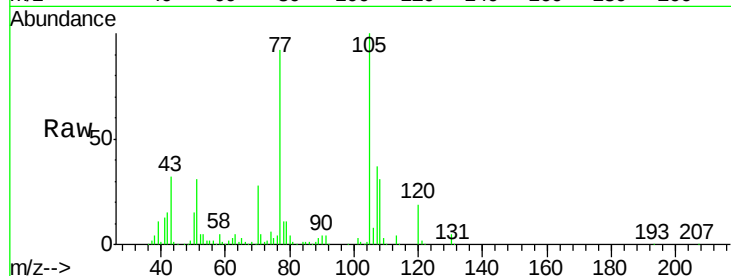
Ion Ratio Lower Upper

105 100

71 4.8 5.3 7.9#

51 30.9 18.2 27.4#

120 19.4 18.0 27.0

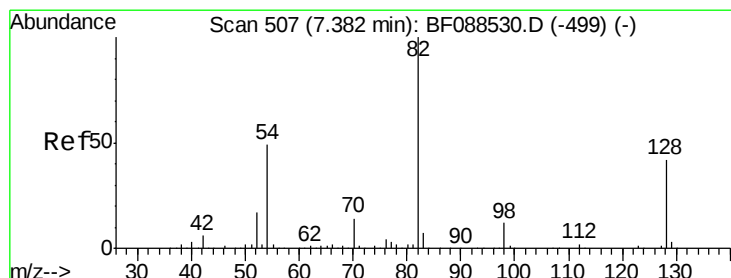
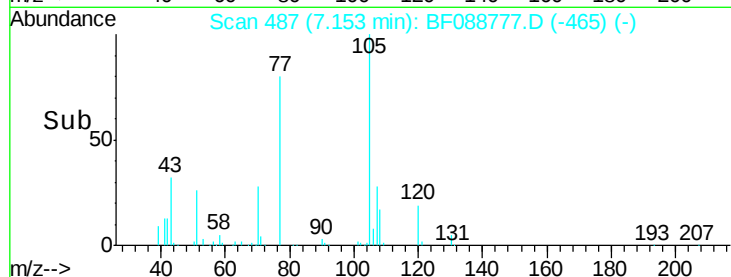
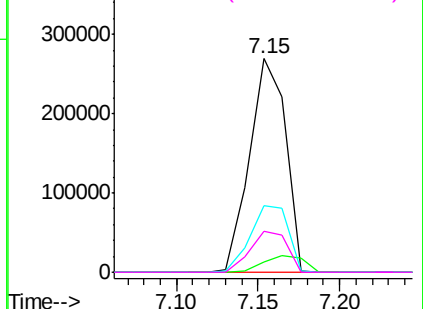


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 86.15 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

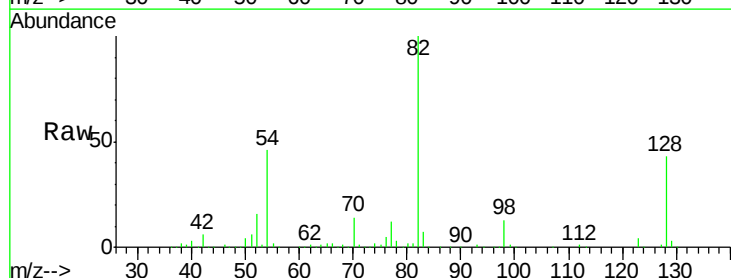
Tgt Ion: 82 Resp: 666618

Ion Ratio Lower Upper

82 100

128 43.1 35.9 53.9

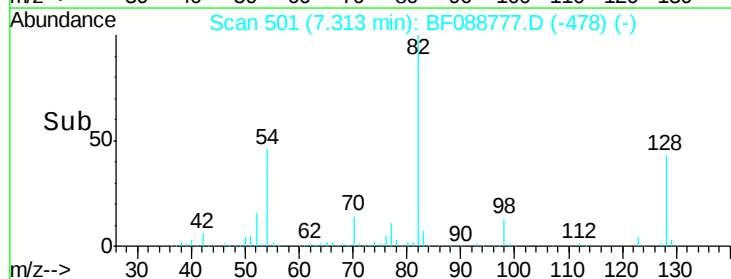
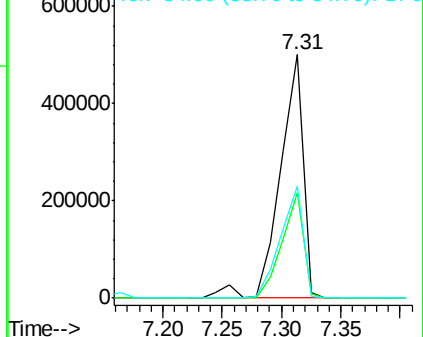
54 46.1 40.9 61.3

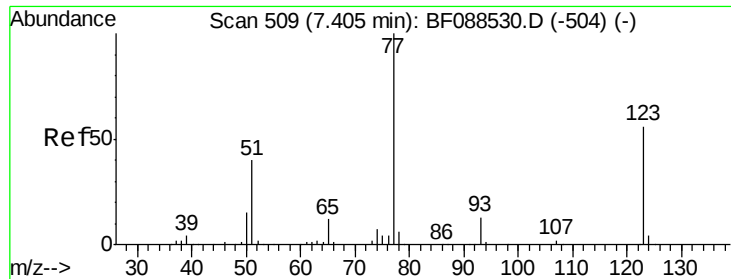


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

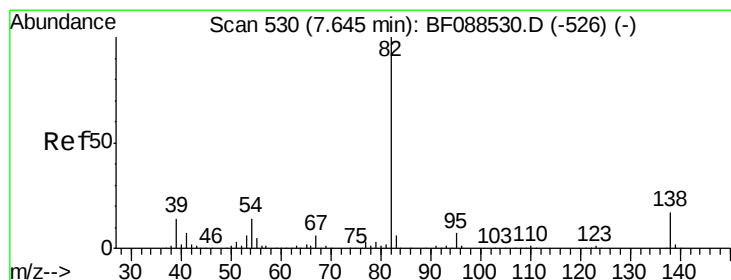
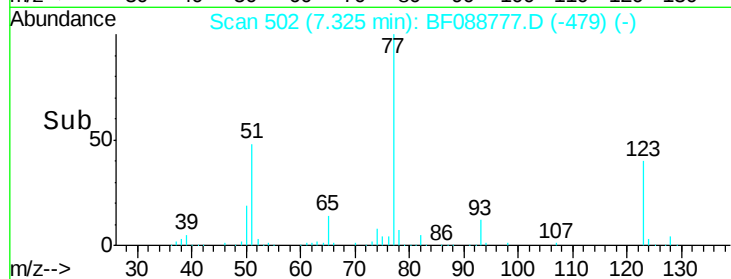
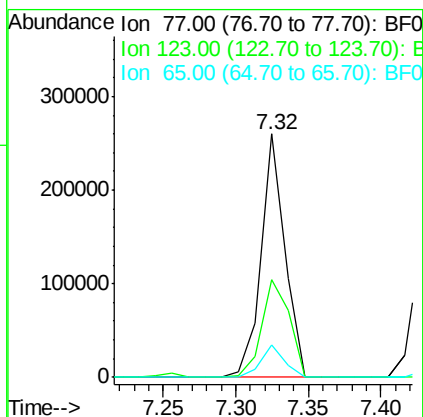
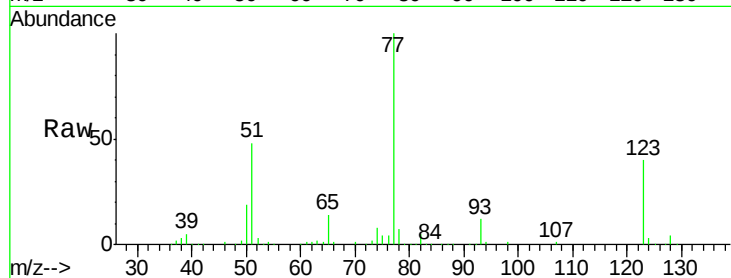




#24
 Nitrobenzene
 Concen: 37.72 ng
 RT: 7.32 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

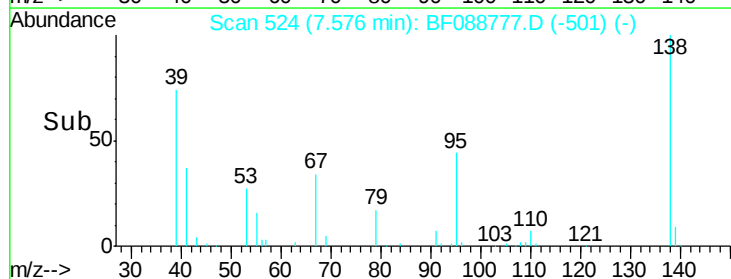
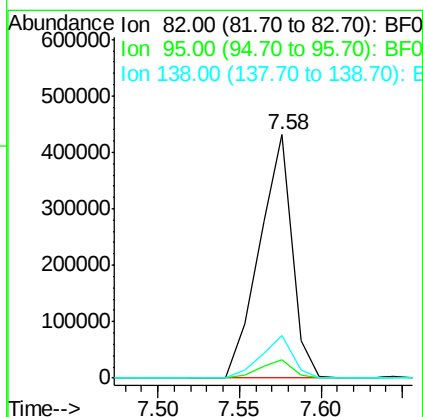
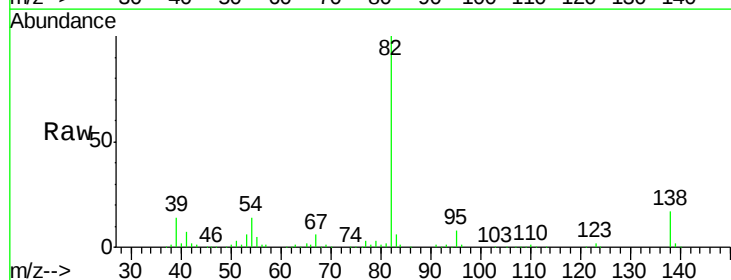
Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

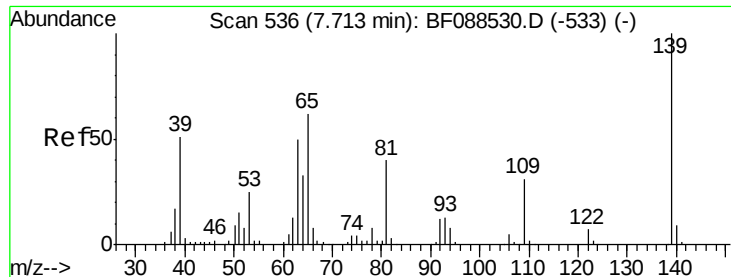
Tgt Ion: 77 Resp: 294277
 Ion Ratio Lower Upper
 77 100
 123 40.1 45.0 67.4#
 65 13.6 10.2 15.2



#25
 Isophorone
 Concen: 41.85 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion: 82 Resp: 599917
 Ion Ratio Lower Upper
 82 100
 95 7.6 5.4 8.2
 138 17.4 14.6 21.8

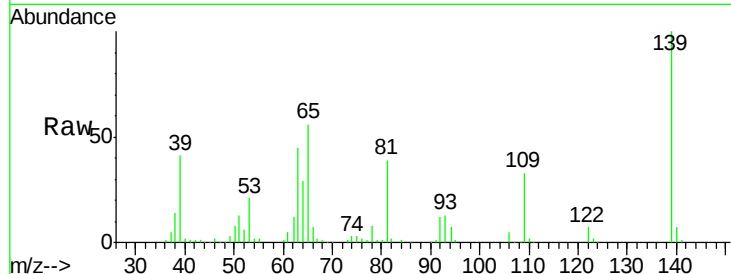




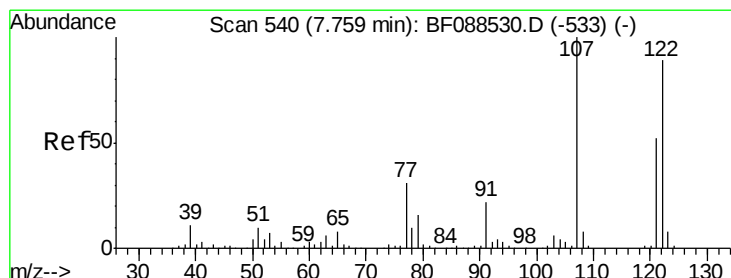
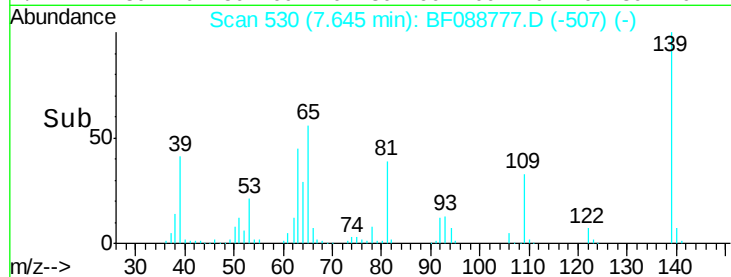
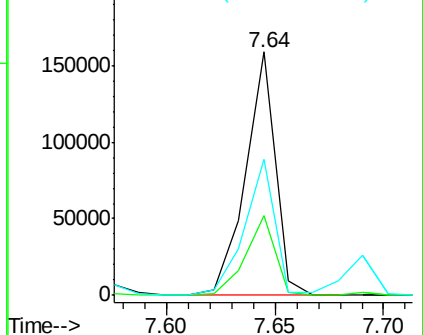
#26
 2-Nitrophenol
 Concen: 47.36 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

Tgt Ion:139 Resp: 151525
 Ion Ratio Lower Upper
 139 100
 109 32.8 23.0 34.4
 65 55.7 45.8 68.8

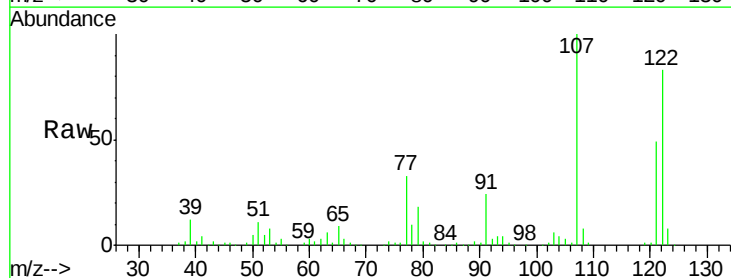


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

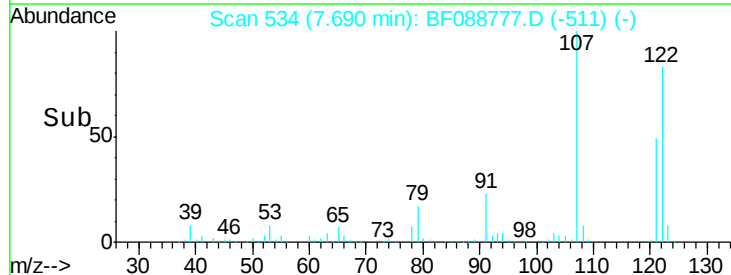
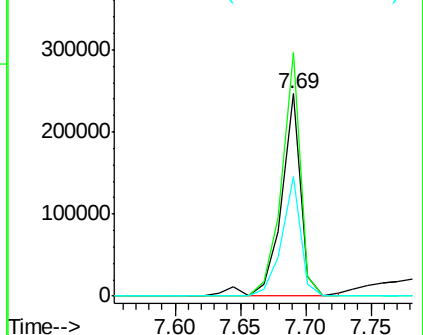


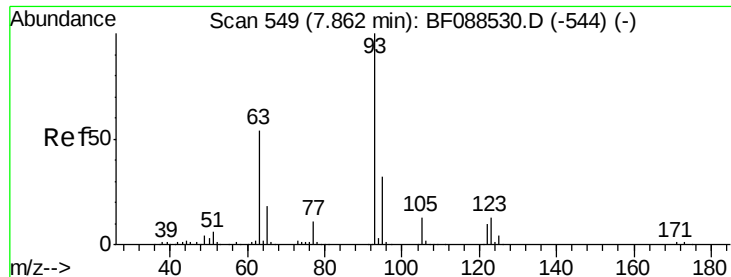
#27
 2,4-Dimethylphenol
 Concen: 39.42 ng
 RT: 7.69 min Scan# 534
 Delta R.T. -0.03 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion:122 Resp: 262648
 Ion Ratio Lower Upper
 122 100
 107 120.5 82.4 123.6
 121 59.2 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

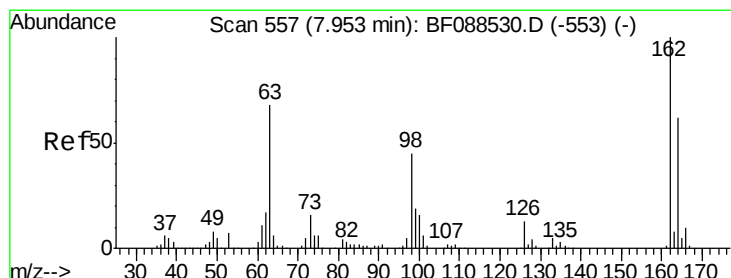
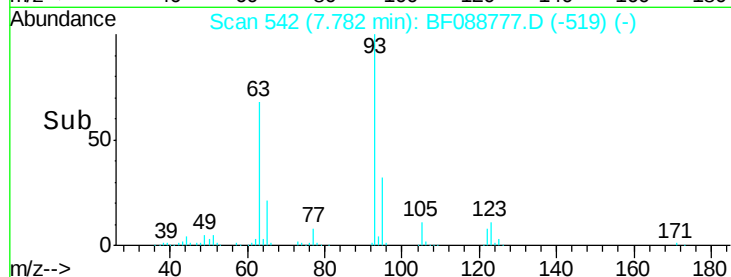
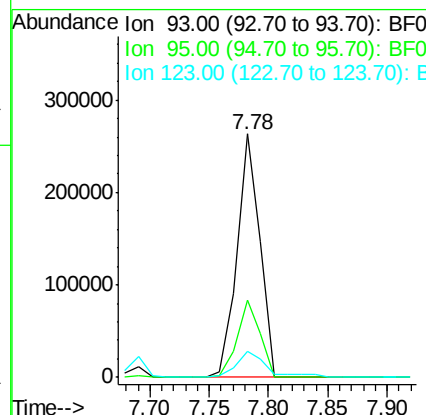
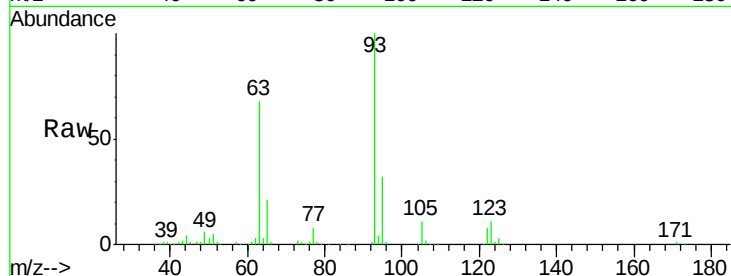




#28
bis(2-Chloroethoxy)methane
Concen: 37.43 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

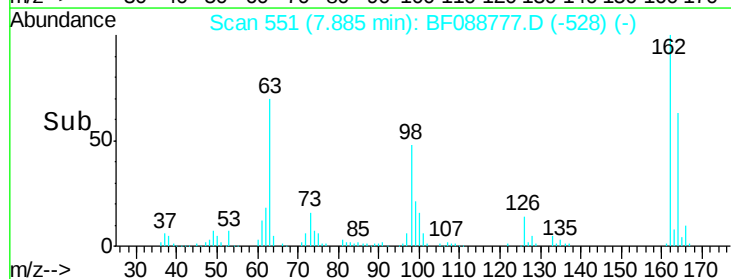
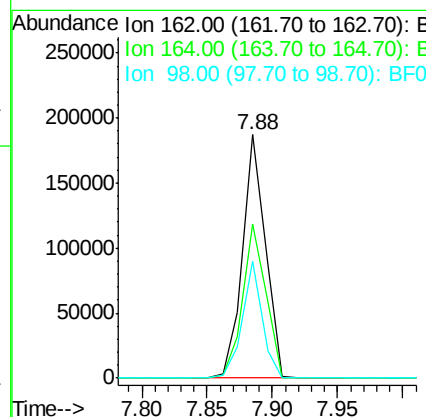
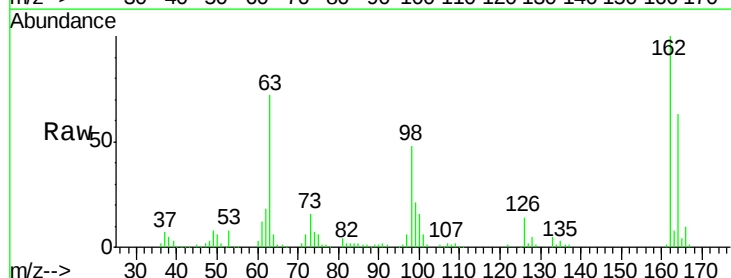
Instrument :
BNA_F
ClientSampleId :
PB91866BS

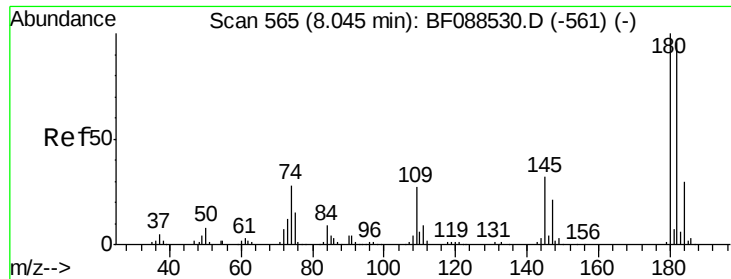
Tgt Ion: 93 Resp: 349163
Ion Ratio Lower Upper
93 100
95 31.9 26.5 39.7
123 10.5 11.6 17.4#



#29
2,4-Dichlorophenol
Concen: 42.04 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion: 162 Resp: 226415
Ion Ratio Lower Upper
162 100
164 63.4 43.8 83.8
98 48.0 21.3 61.3

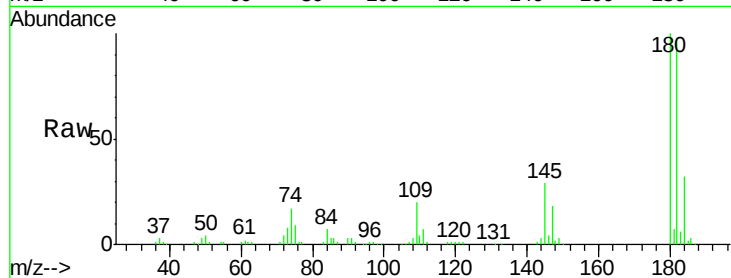




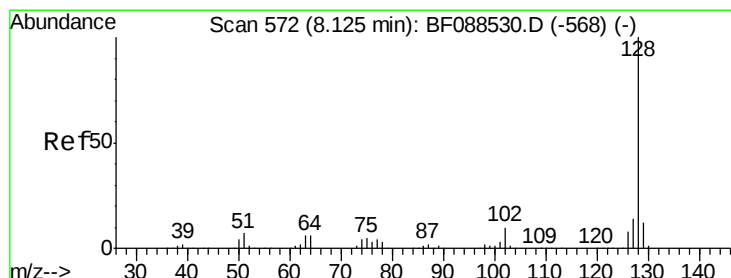
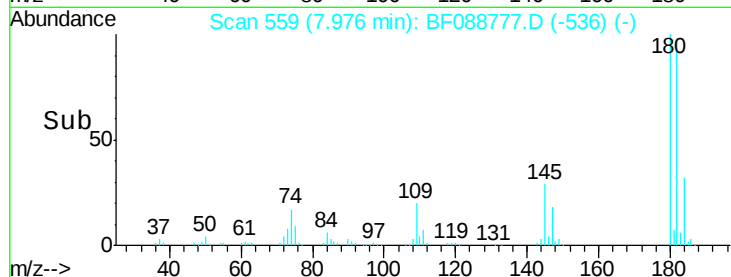
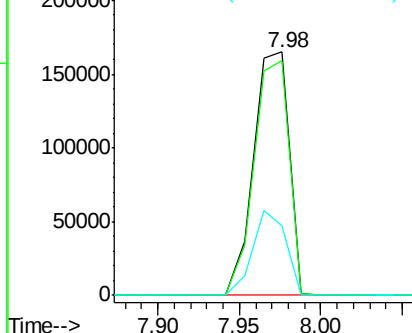
#30
1,2,4-Trichlorobenzene
Concen: 42.19 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion:180 Resp: 249334
Ion Ratio Lower Upper
180 100
182 96.6 76.0 114.0
145 28.7 26.5 39.7

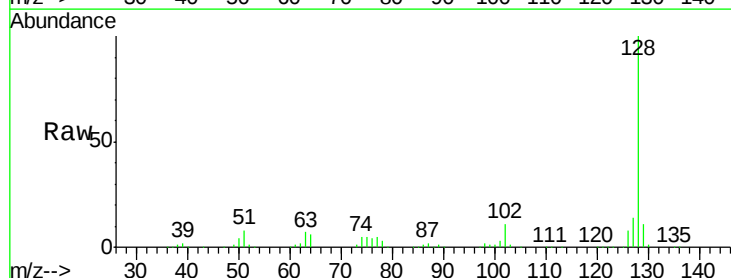


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

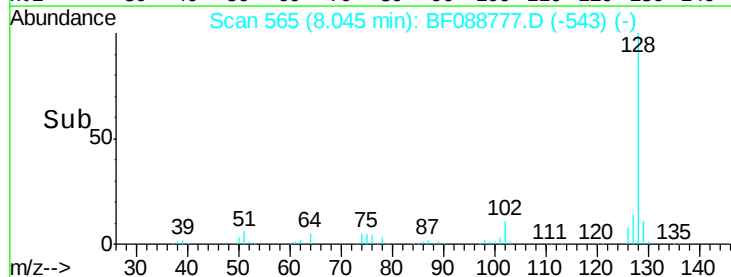
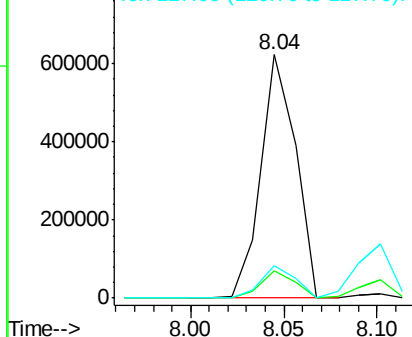


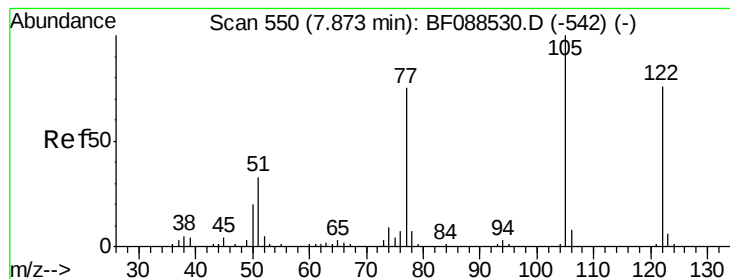
#31
Naphthalene
Concen: 40.19 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.05 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion:128 Resp: 803366
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.5 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: 37.30 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

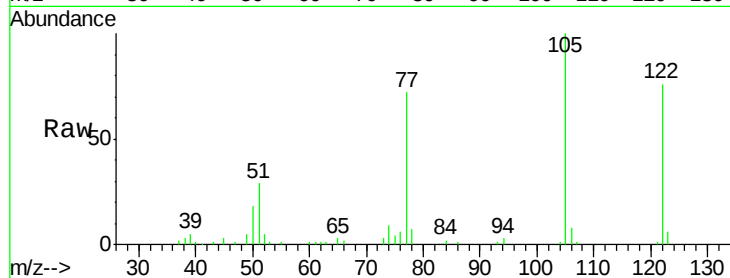
Tgt Ion:122 Resp: 180457

Ion Ratio Lower Upper

122 100

105 131.7 101.6 141.6

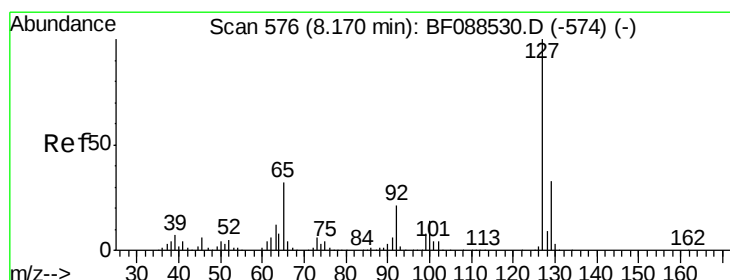
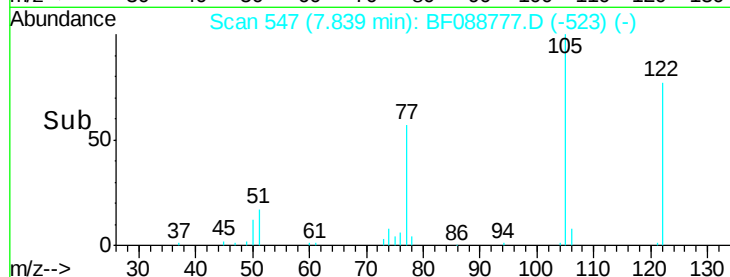
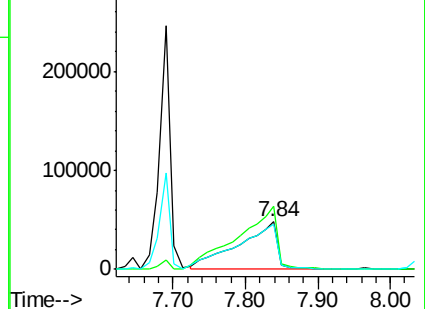
77 94.5 70.6 110.6



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: 21.09 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Tgt Ion:127 Resp: 187588

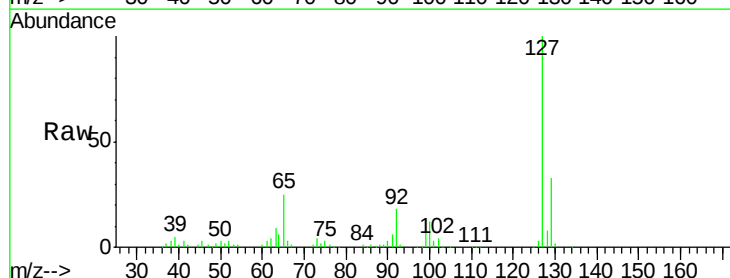
Ion Ratio Lower Upper

127 100

129 33.2 26.3 39.5

65 24.7 24.7 37.1

92 17.7 15.4 23.0

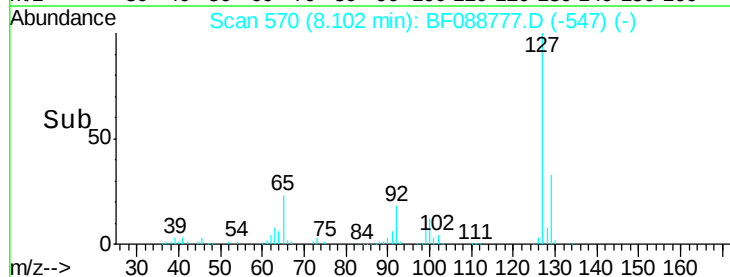
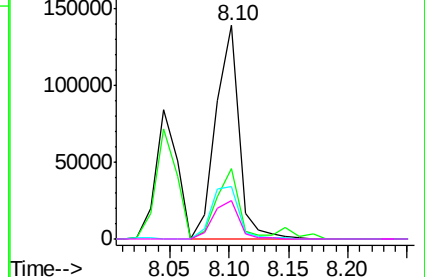


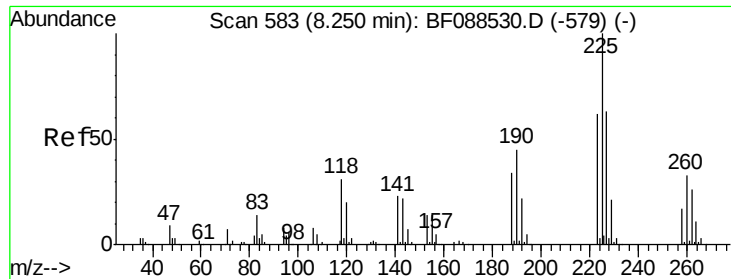
Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.42 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

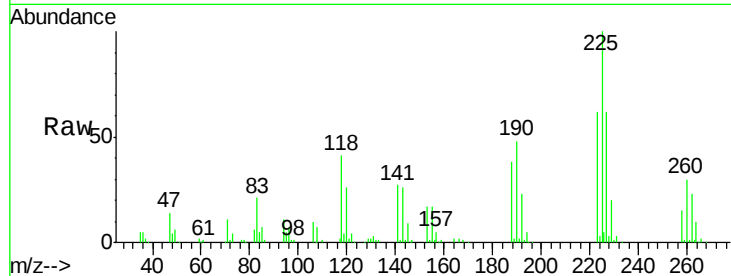
Tgt Ion:225 Resp: 137408

Ion Ratio Lower Upper

225 100

223 62.4 50.9 76.3

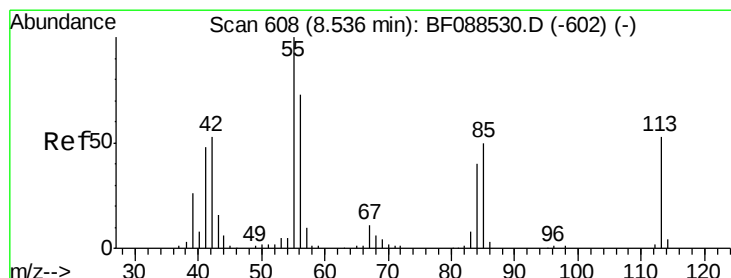
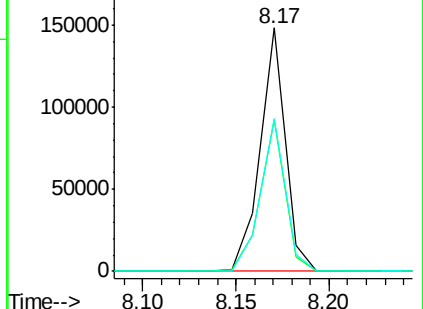
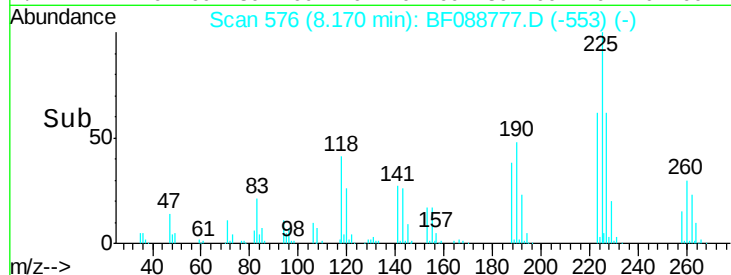
227 62.5 51.9 77.9



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: 21.94 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

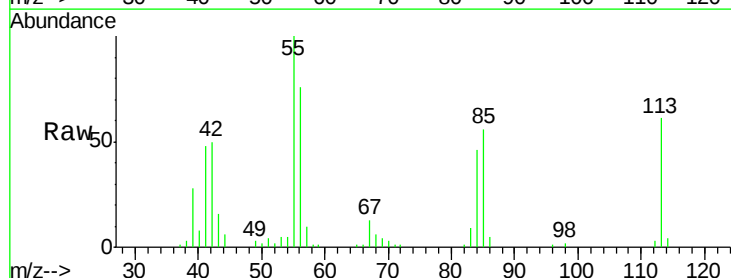
Tgt Ion:113 Resp: 40122

Ion Ratio Lower Upper

113 100

55 163.7 158.6 198.6

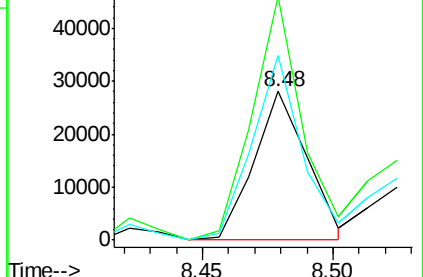
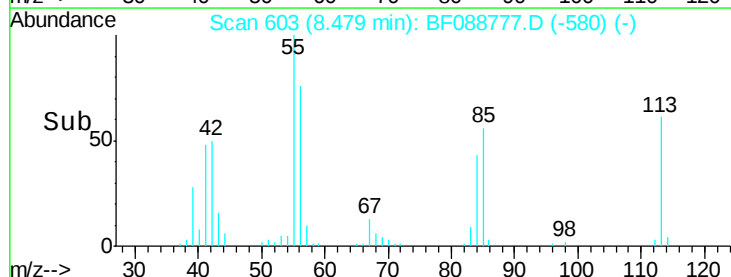
56 124.6 110.6 150.6

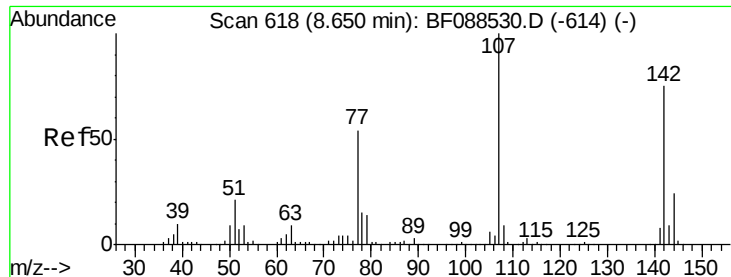


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 45.90 ng

RT: 8.59 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

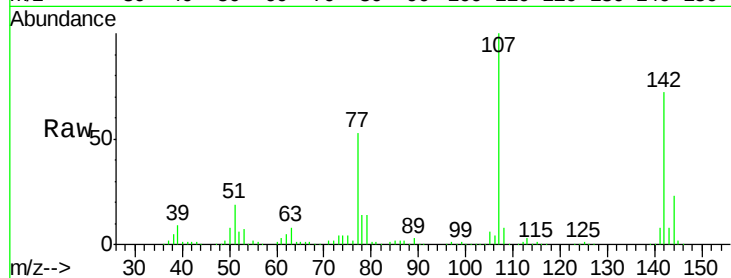
Tgt Ion:107 Resp: 292307

Ion Ratio Lower Upper

107 100

144 22.8 20.8 31.2

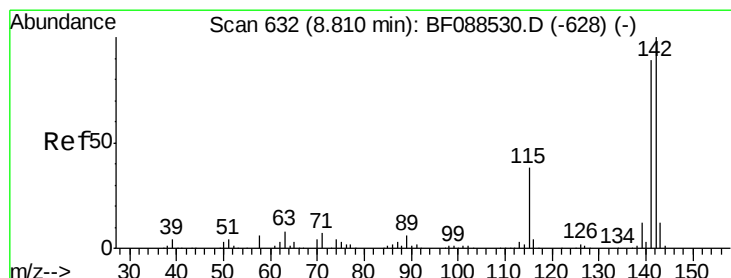
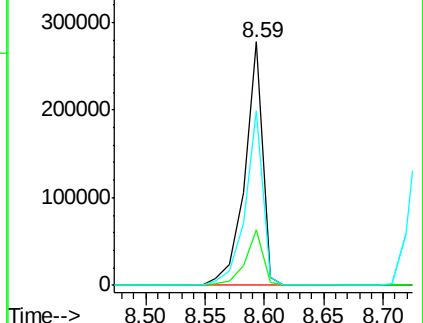
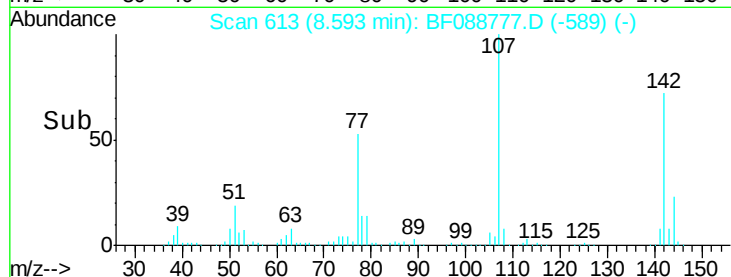
142 71.6 63.4 95.2



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: 44.23 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

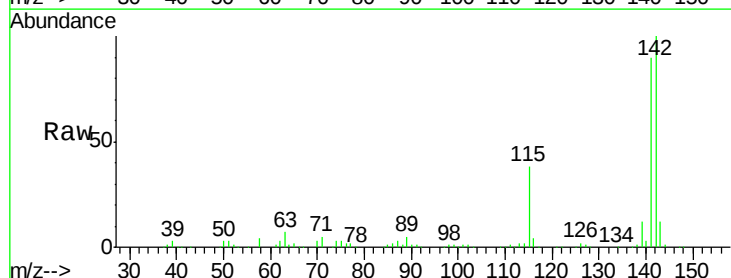
Tgt Ion:142 Resp: 569308

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.6

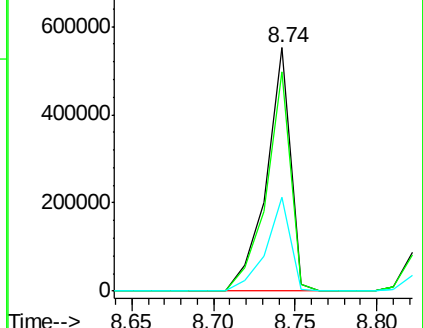
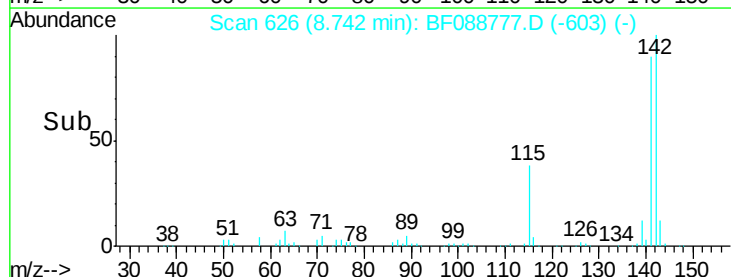
115 38.3 22.6 33.8#

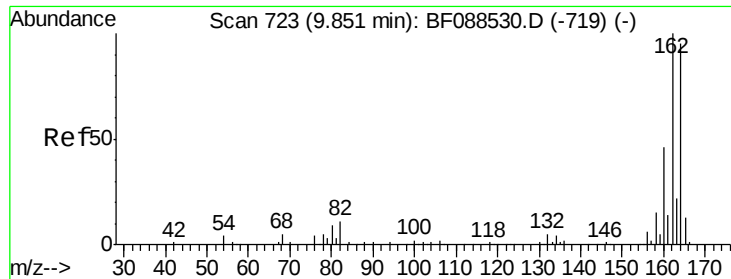


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

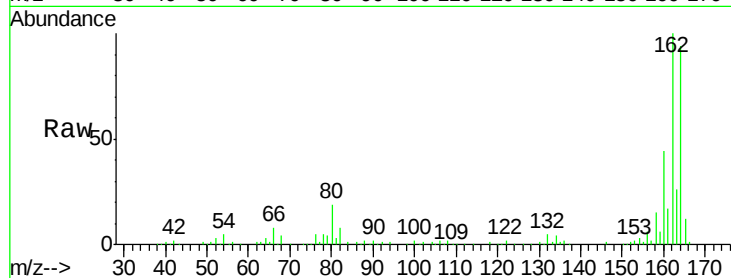
Tgt Ion:164 Resp: 202747

Ion Ratio Lower Upper

164 100

162 106.0 85.4 128.2

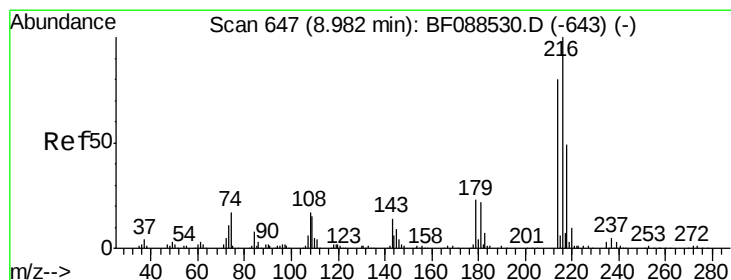
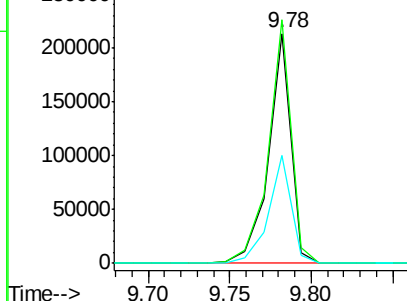
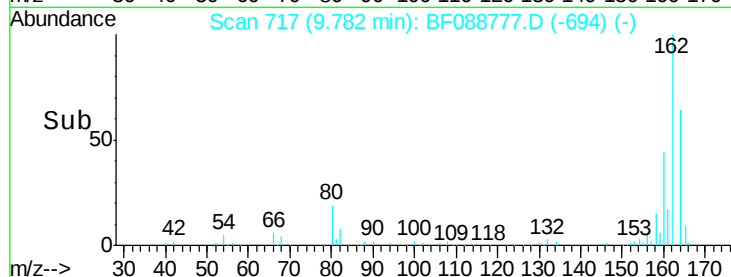
160 47.1 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.49 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Tgt Ion:216 Resp: 246082

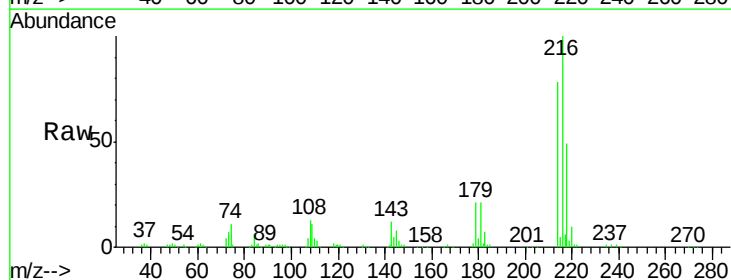
Ion Ratio Lower Upper

216 100

214 78.9 2.9 4.3#

179 22.7 0.0 0.0#

108 21.9 0.5 0.7#

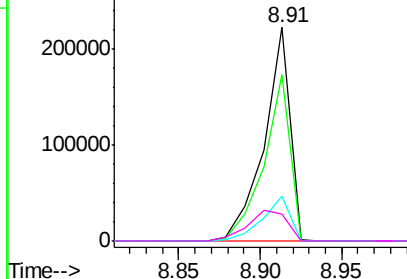
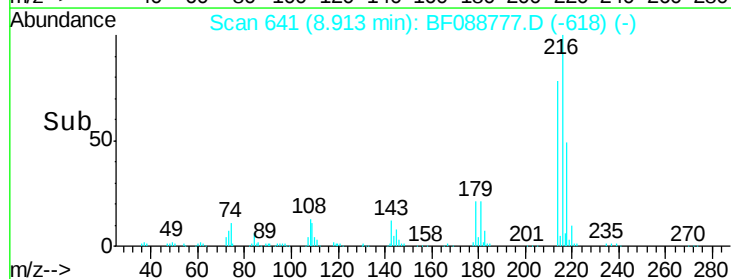


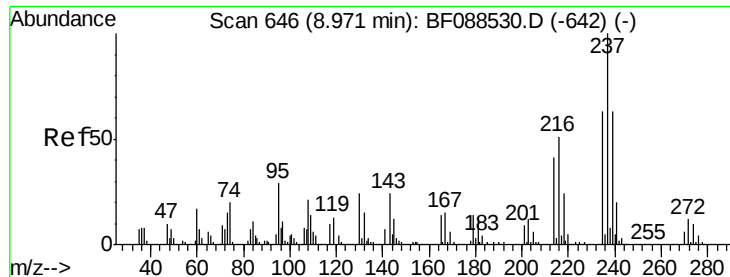
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

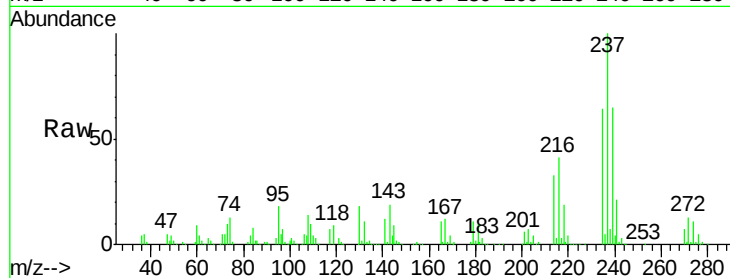




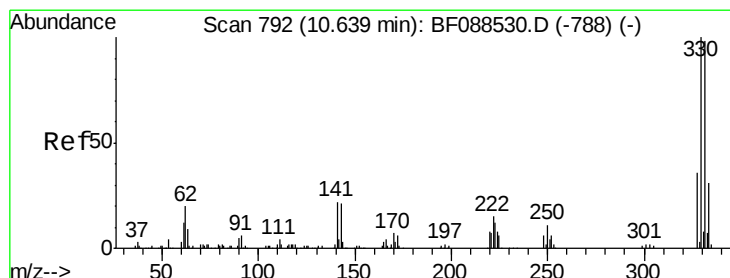
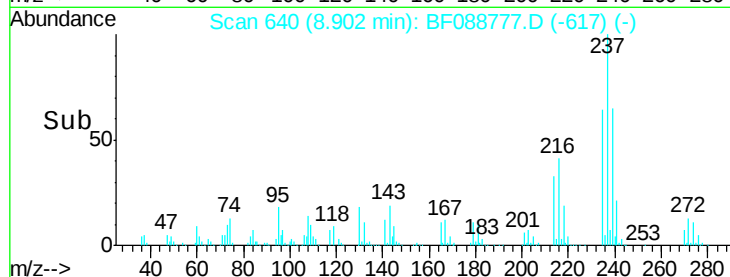
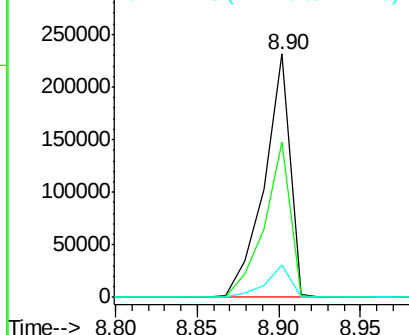
#40
Hexachlorocyclopentadiene
Concen: 77.06 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion: 237 Resp: 255057
Ion Ratio Lower Upper
237 100
235 63.7 43.4 83.4
272 13.3 0.0 32.3

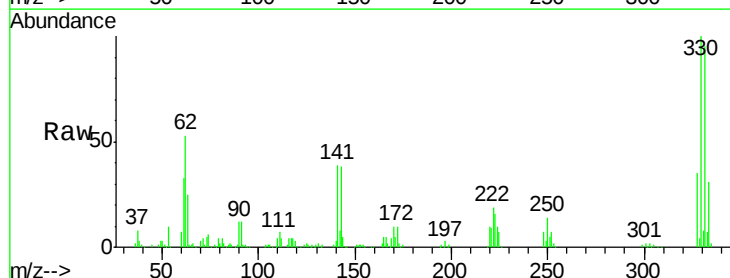


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

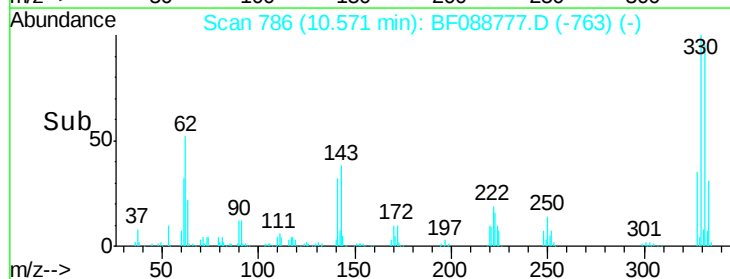
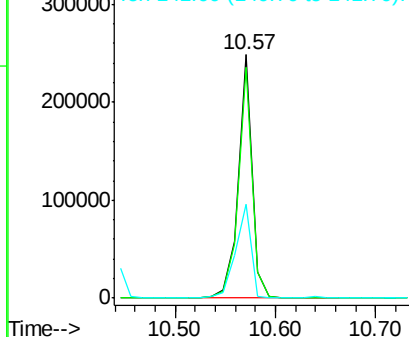


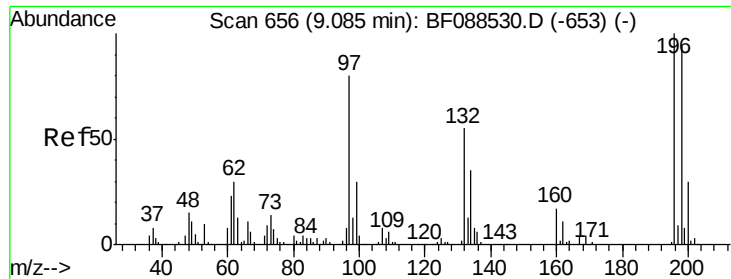
#41
2,4,6-Tribromophenol
Concen: 126.25 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion: 330 Resp: 237690
Ion Ratio Lower Upper
330 100
332 95.2 0.0 0.0#
141 43.2 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

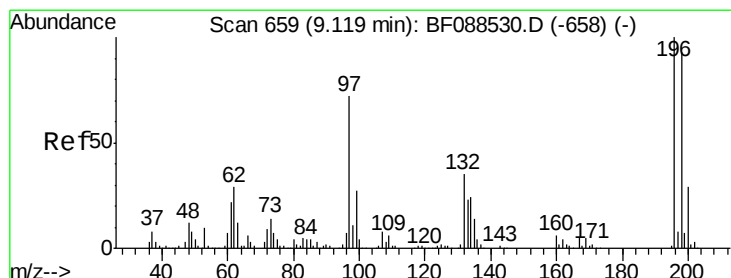
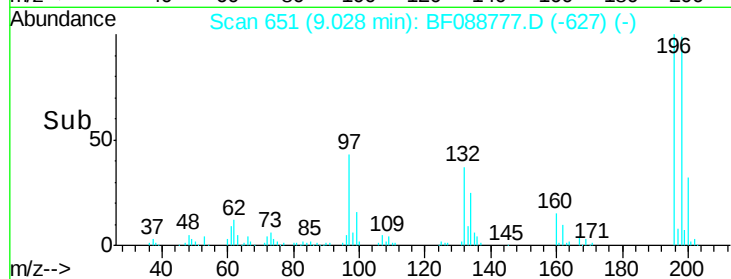
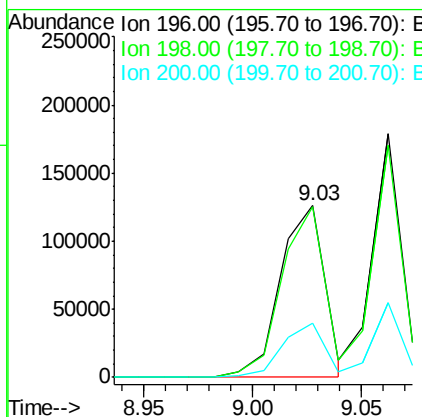
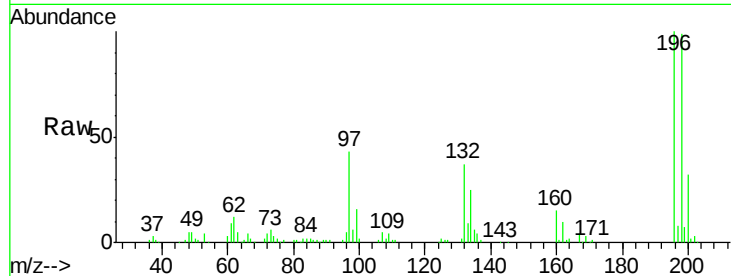




#42
 2,4,6-Trichlorophenol
 Concen: 40.46 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

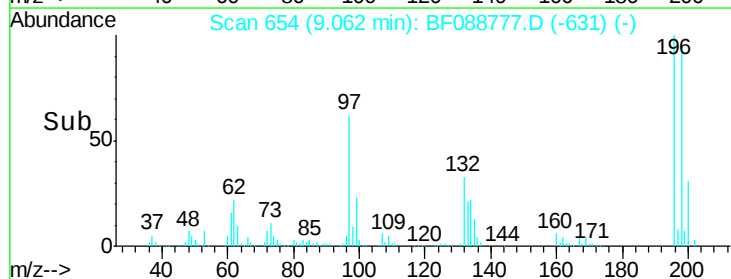
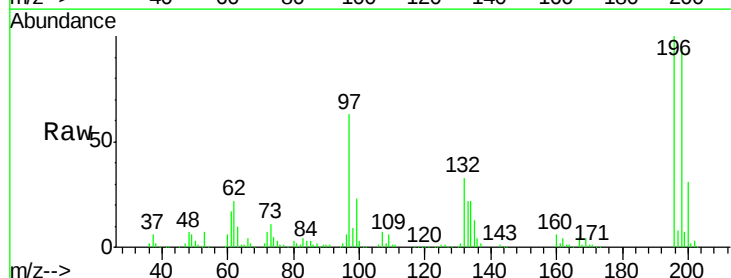
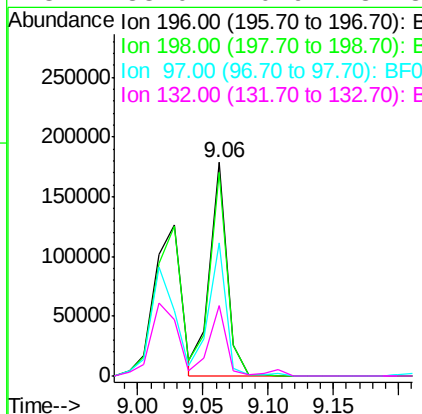
Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

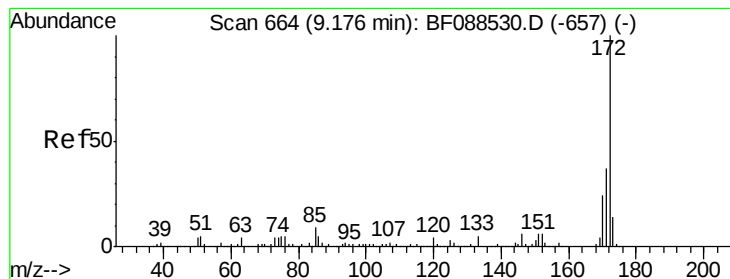
Tgt Ion:196 Resp: 179869
 Ion Ratio Lower Upper
 196 100
 198 99.0 78.0 117.0
 200 31.6 25.4 38.2



#43
 2,4,5-Trichlorophenol
 Concen: 43.92 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion:196 Resp: 168018
 Ion Ratio Lower Upper
 196 100
 198 95.4 77.5 116.3
 97 62.5 32.0 48.0#
 132 33.0 20.9 31.3#





#44

2-Fluorobiphenyl

Concen: 78.71 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

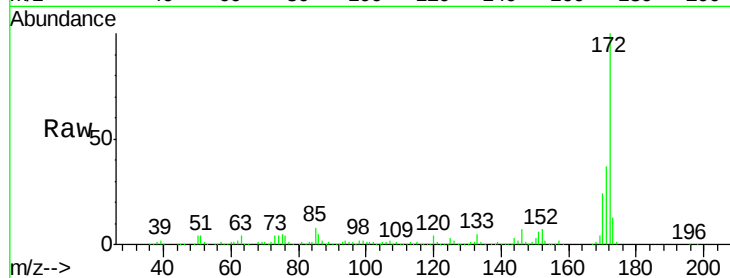
Tgt Ion:172 Resp: 1010317

Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

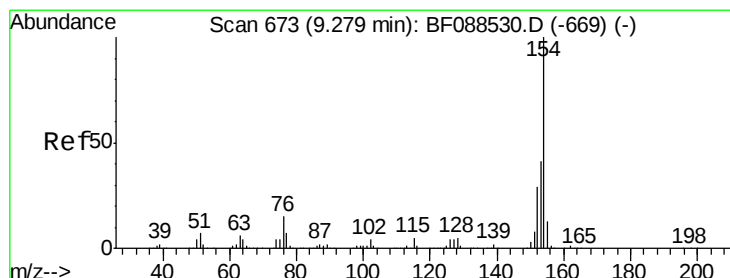
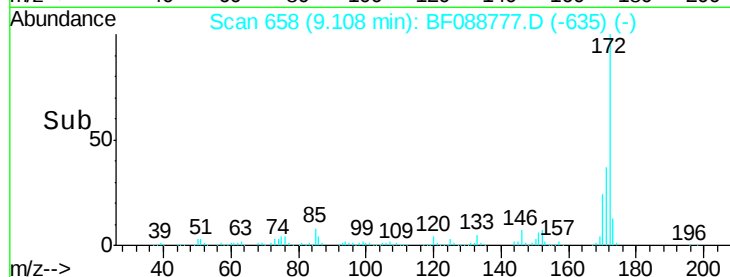
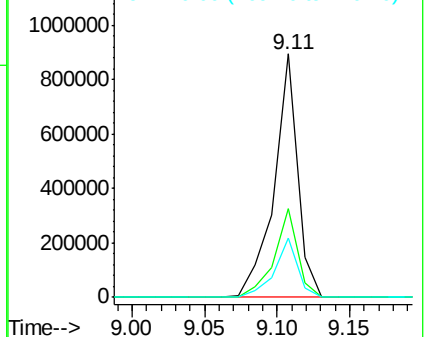
170 24.4 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 41.86 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

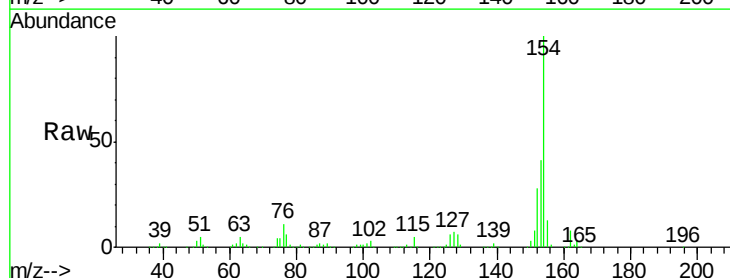
Tgt Ion:154 Resp: 702712

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

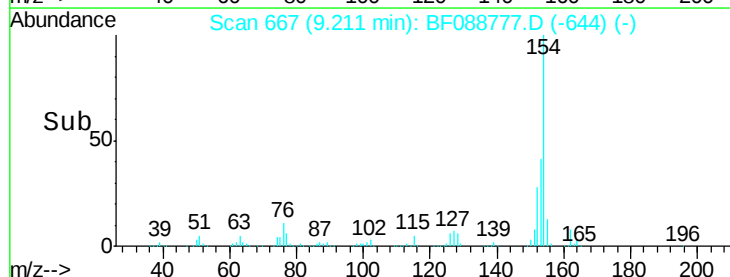
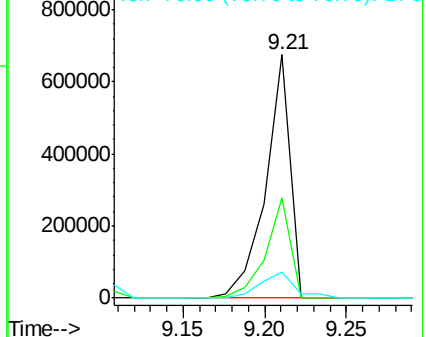
76 10.7 0.0 35.1

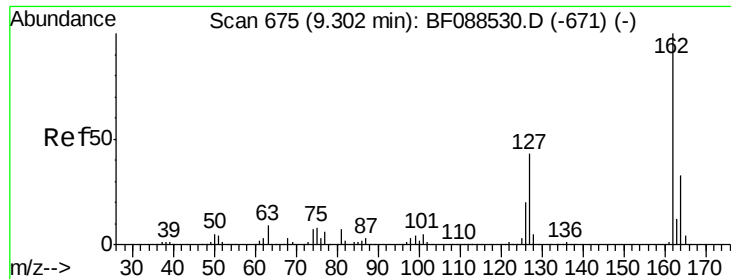


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

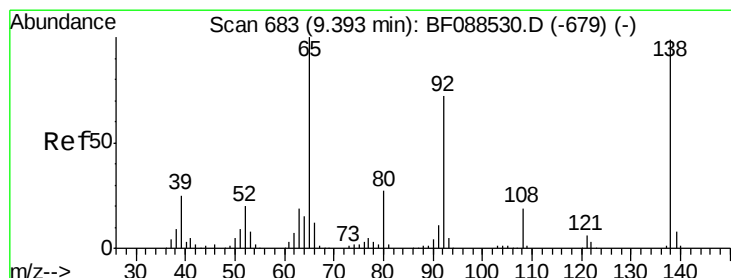
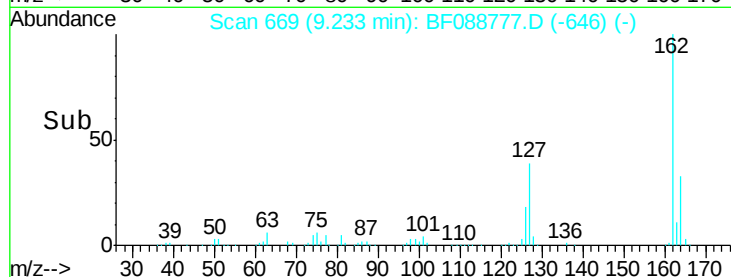
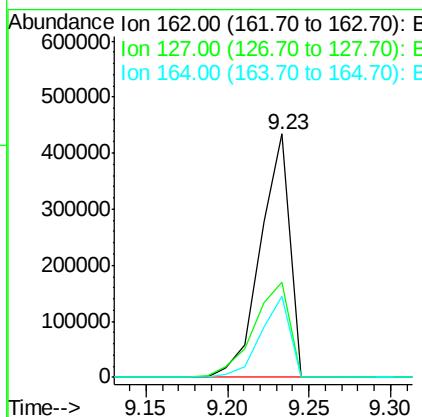
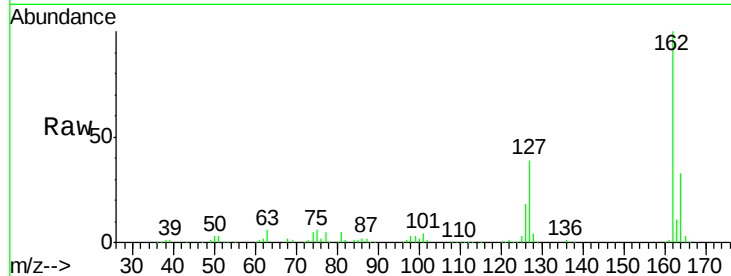




#46
 2-Chloronaphthalene
 Concen: 40.91 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

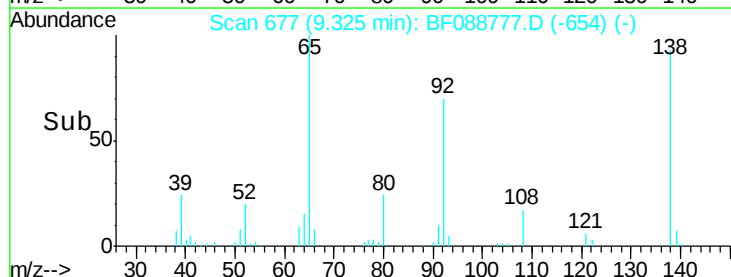
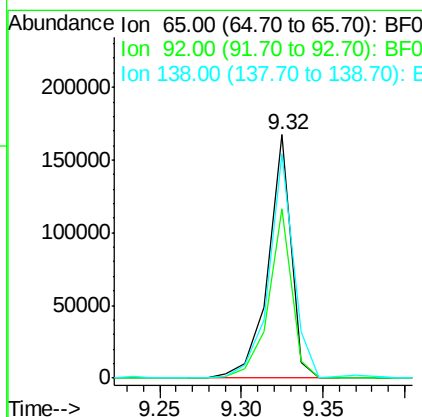
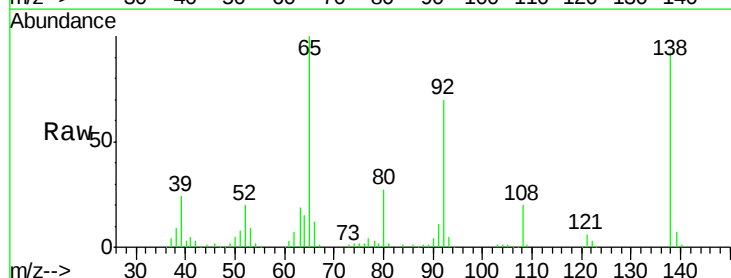
Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

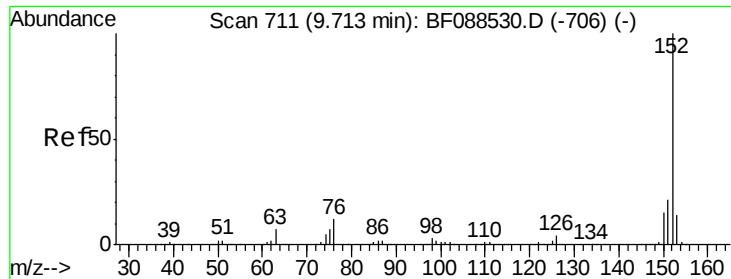
Tgt Ion: 162 Resp: 539199
 Ion Ratio Lower Upper
 162 100
 127 39.2 35.2 52.8
 164 33.4 26.6 39.8



#47
 2-Nitroaniline
 Concen: 35.14 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion: 65 Resp: 164382
 Ion Ratio Lower Upper
 65 100
 92 69.8 54.6 82.0
 138 92.2 77.0 115.4





#48

Acenaphthylene

Concen: 41.19 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

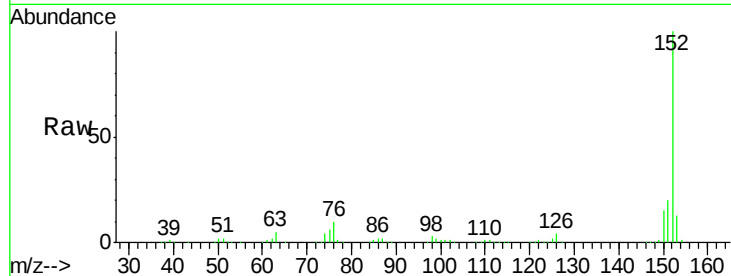
Tgt Ion:152 Resp: 863744

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

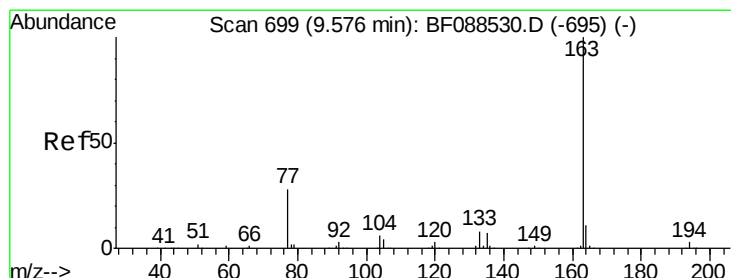
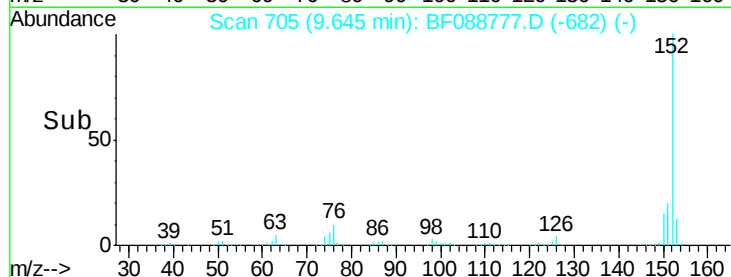
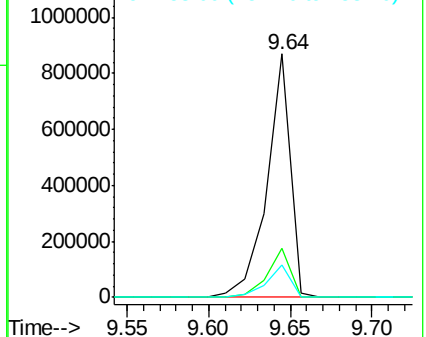
153 13.1 11.0 16.6



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: 45.76 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

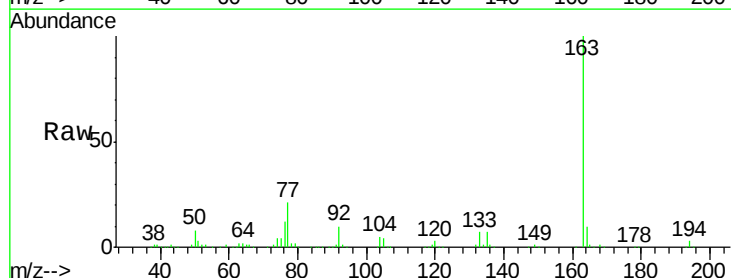
Tgt Ion:163 Resp: 661014

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

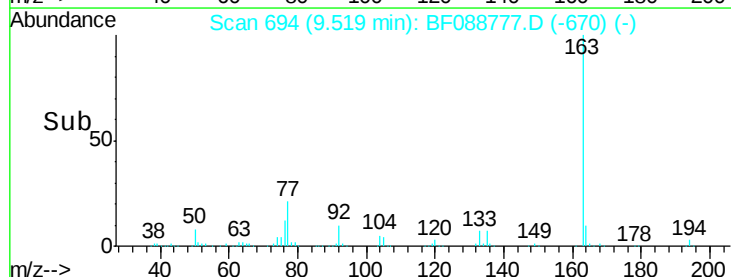
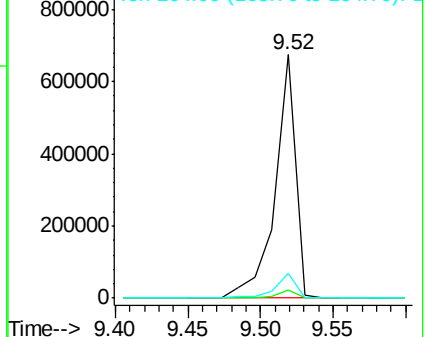
164 10.1 8.3 12.5

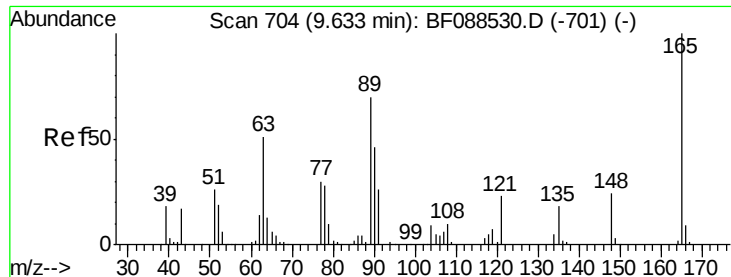


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

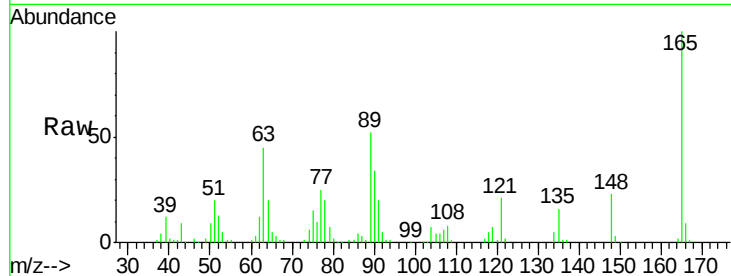




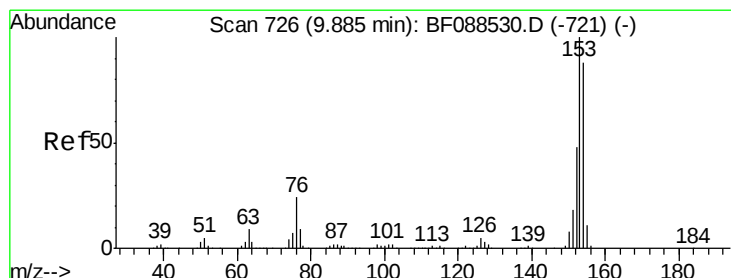
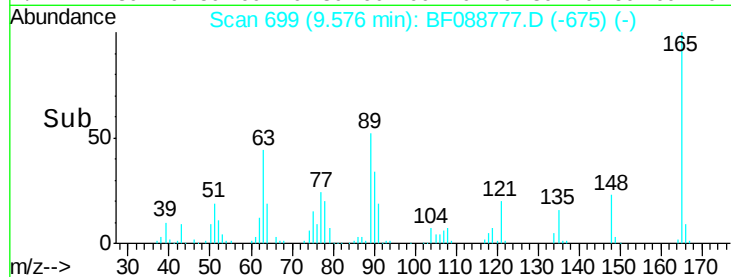
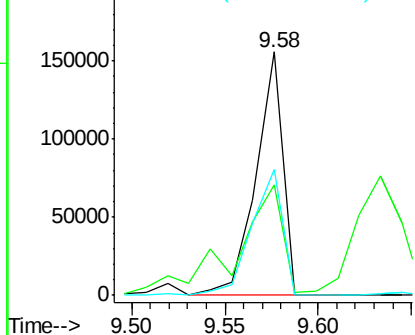
#50
 2,6-Dinitrotoluene
 Concen: 49.19 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

Tgt Ion:165 Resp: 157461
 Ion Ratio Lower Upper
 165 100
 63 45.2 28.1 42.1#
 89 51.9 32.2 48.2#

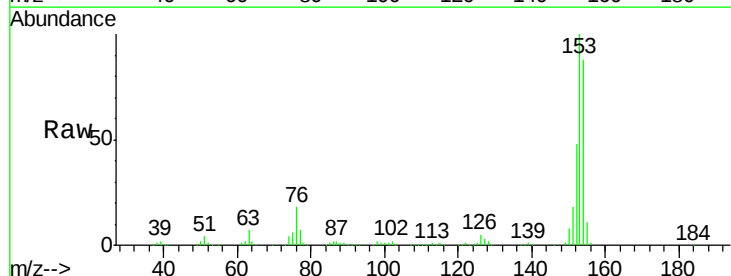


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

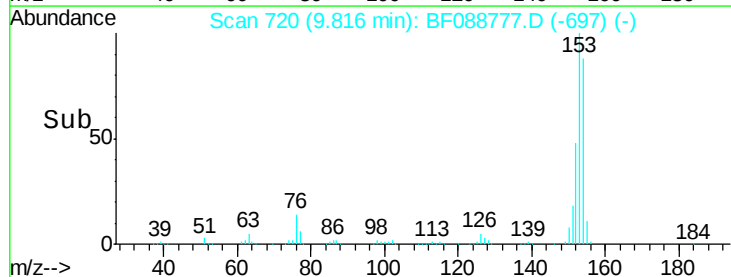
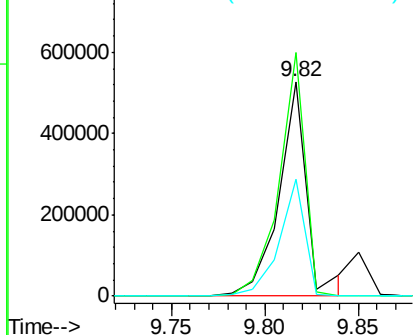


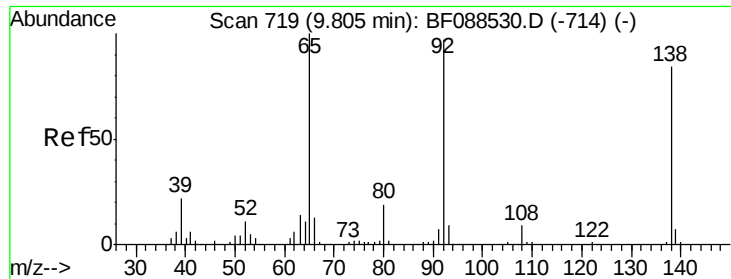
#51
 Acenaphthene
 Concen: 42.65 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion:154 Resp: 548271
 Ion Ratio Lower Upper
 154 100
 153 113.7 89.5 134.3
 152 54.4 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

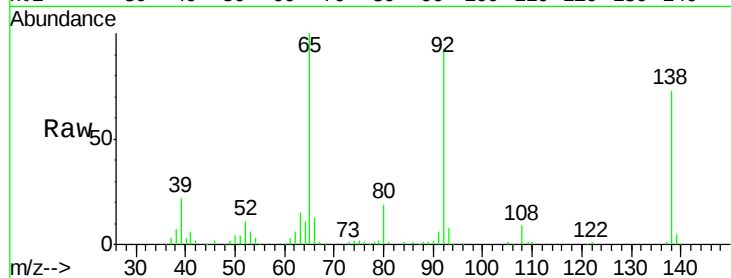




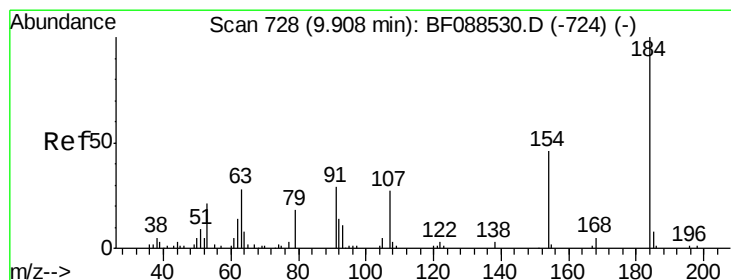
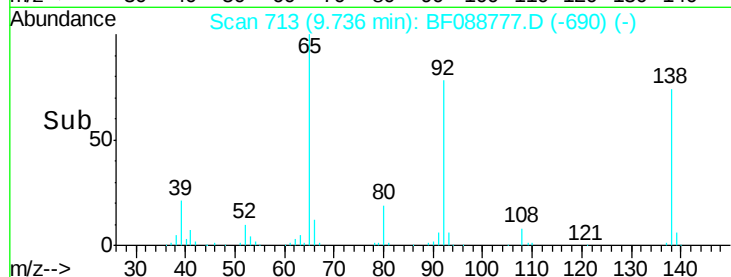
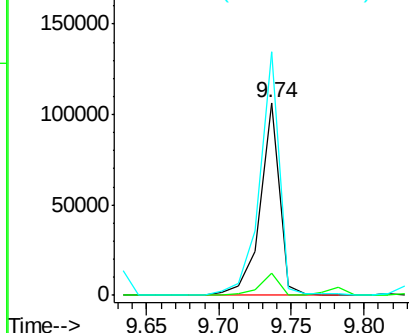
#52
3-Nitroaniline
Concen: 23.99 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion:138 Resp: 97624
Ion Ratio Lower Upper
138 100
108 11.7 8.5 12.7
92 126.5 95.7 143.5

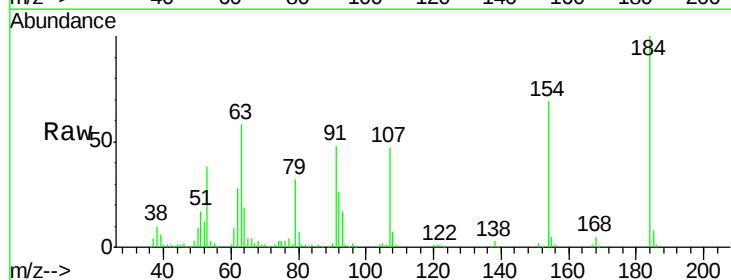


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

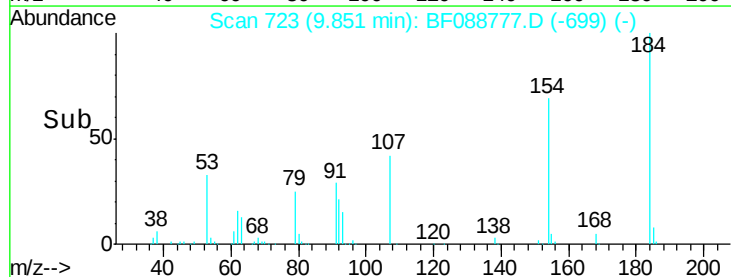
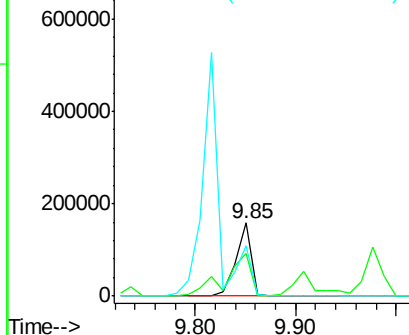


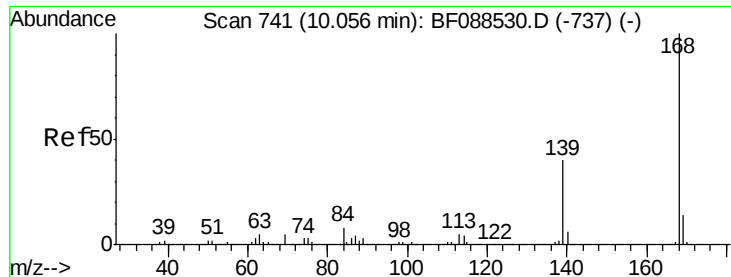
#53
2,4-Dinitrophenol
Concen: 119.94 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion:184 Resp: 169530
Ion Ratio Lower Upper
184 100
63 57.6 57.6 86.4
154 69.1 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

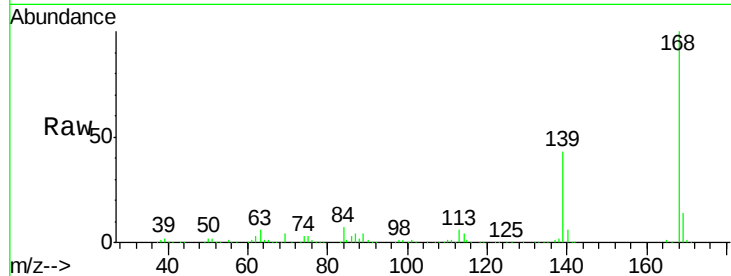




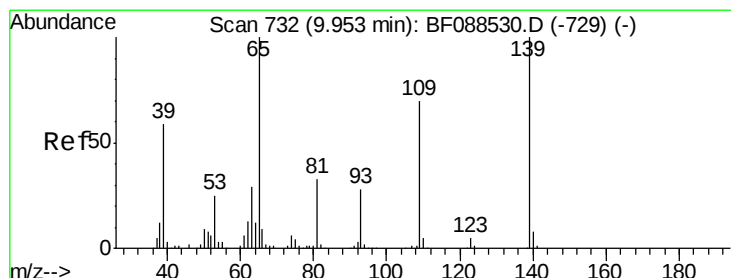
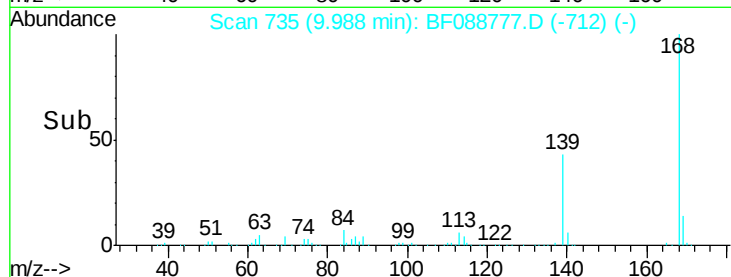
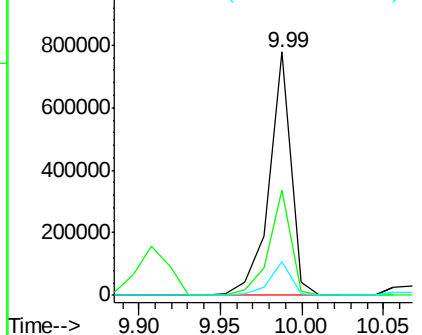
#54
Dibenzenofuran
Concen: 43.09 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion:168 Resp: 725000
Ion Ratio Lower Upper
168 100
139 43.2 26.4 39.6#
169 13.8 10.4 15.6

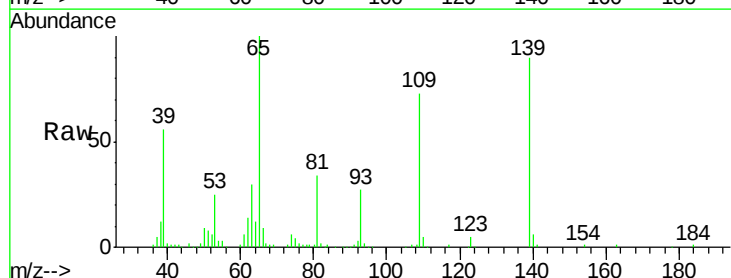


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

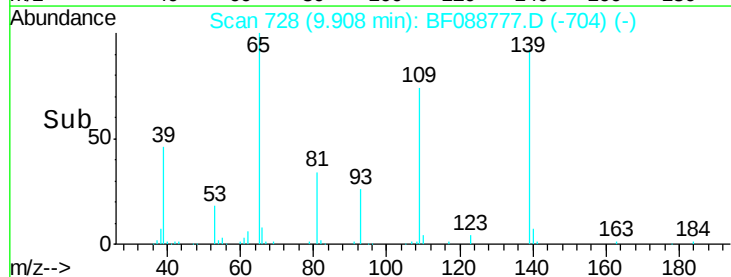
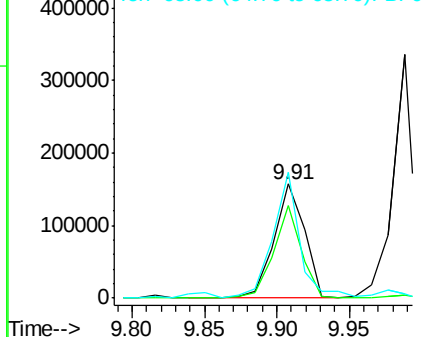


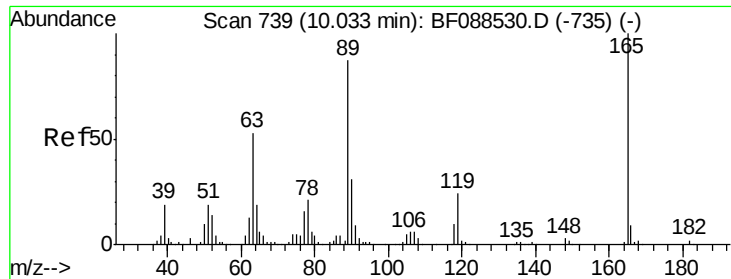
#55
4-Nitrophenol
Concen: 73.92 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion:139 Resp: 228596
Ion Ratio Lower Upper
139 100
109 80.8 48.9 88.9
65 110.7 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

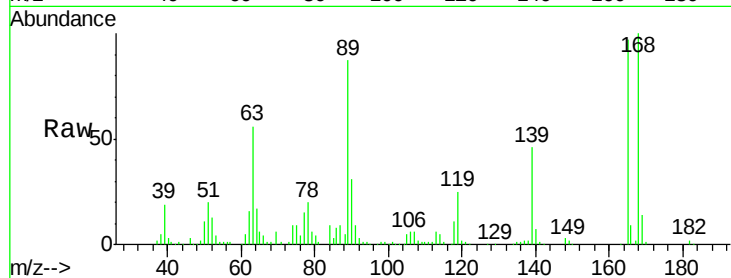




#56
2,4-Dinitrotoluene
Concen: 41.13 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Instrument :
BNA_F
ClientSampleId :
PB91866BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.0	22.0	33.0#
89	90.1	41.1	61.7#
182	2.3	2.0	3.0

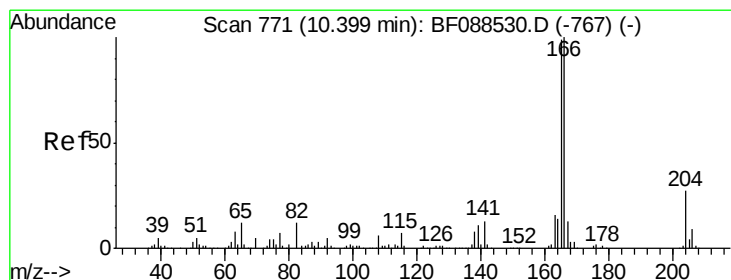
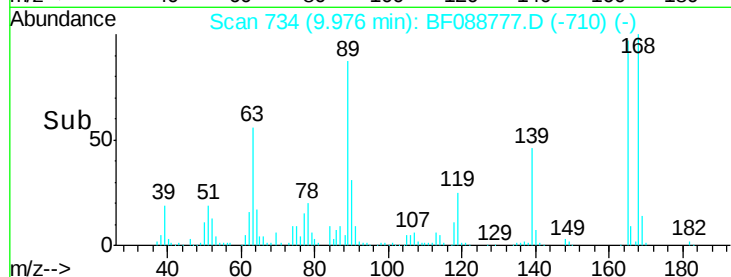
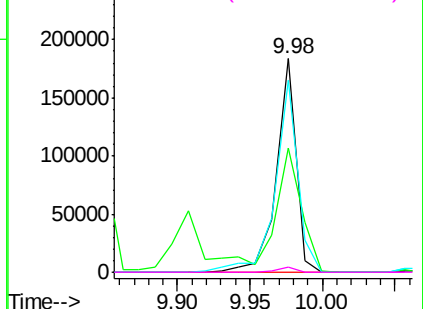


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

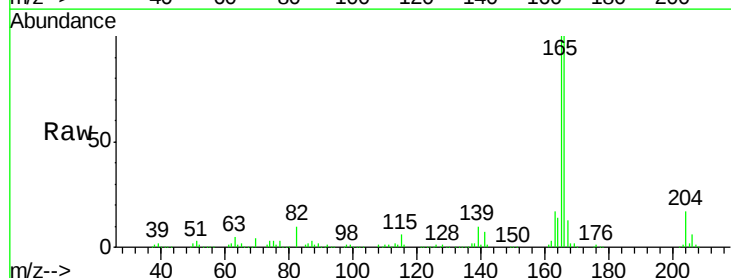
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 46.41 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

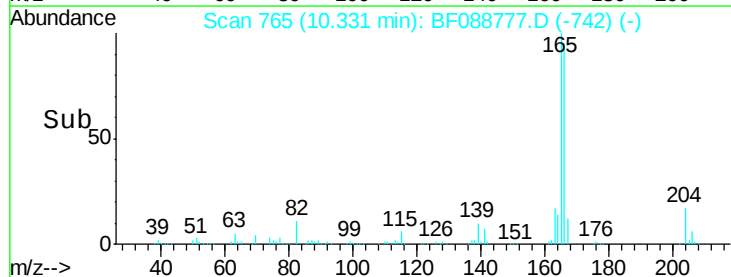
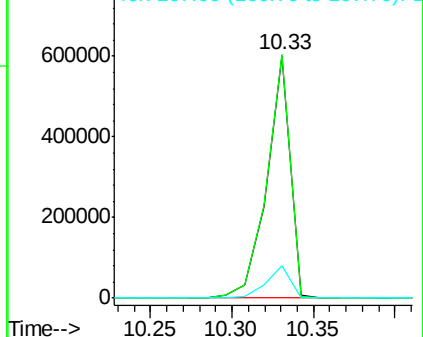
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	77.8	116.8
167	13.5	11.2	16.8

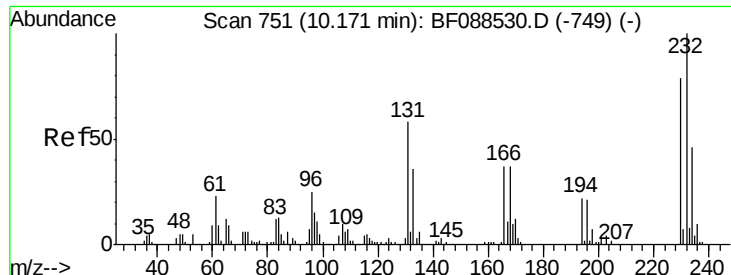


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

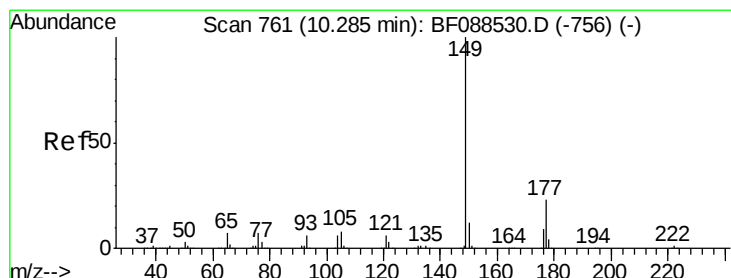
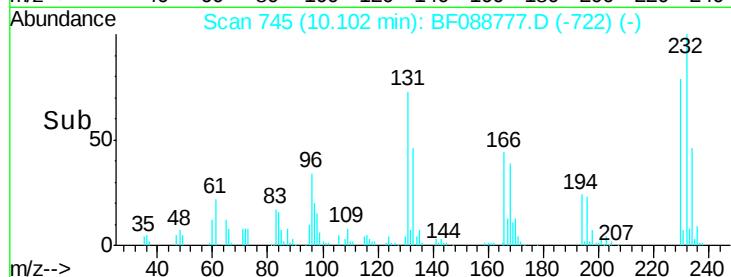
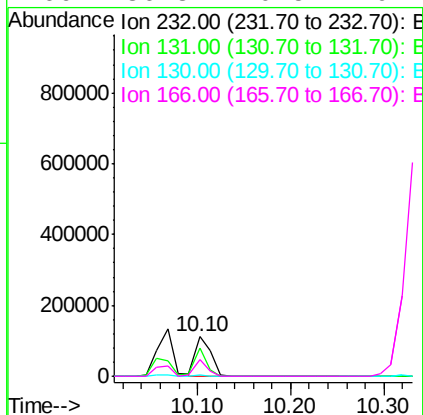
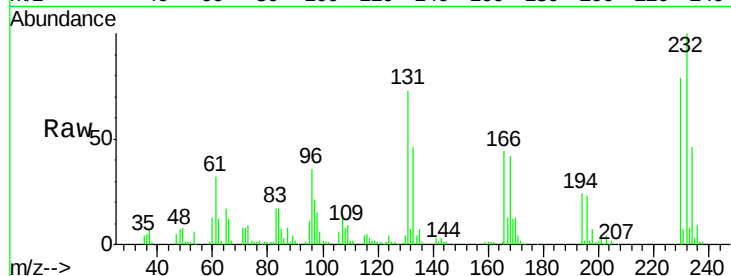




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.21 ng
 RT: 10.10 min Scan# 745
 Delta R.T. -0.03 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

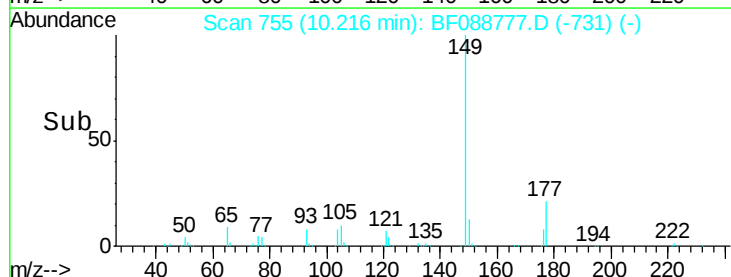
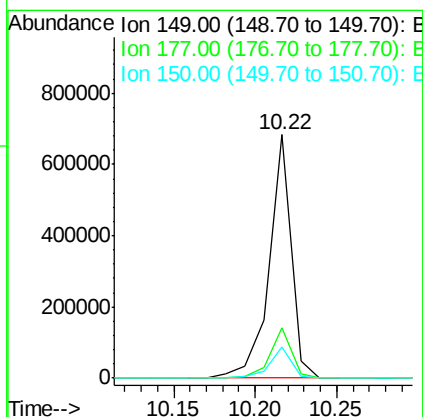
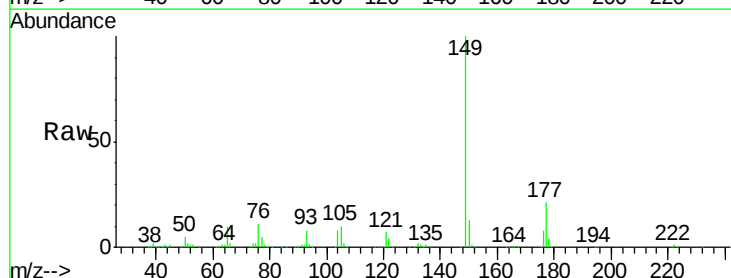
Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

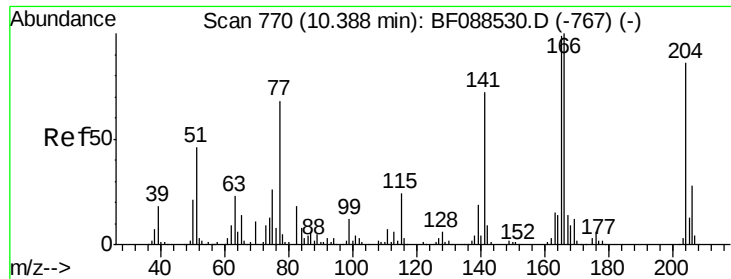
Tgt Ion: 232 Resp: 130853
 Ion Ratio Lower Upper
 232 100
 131 57.4 0.9 1.3#
 130 3.0 1.5 2.3#
 166 36.3 0.5 0.7#



#59
 Diethylphthalate
 Concen: 44.47 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion: 149 Resp: 644625
 Ion Ratio Lower Upper
 149 100
 177 20.5 16.9 25.3
 150 12.8 10.1 15.1

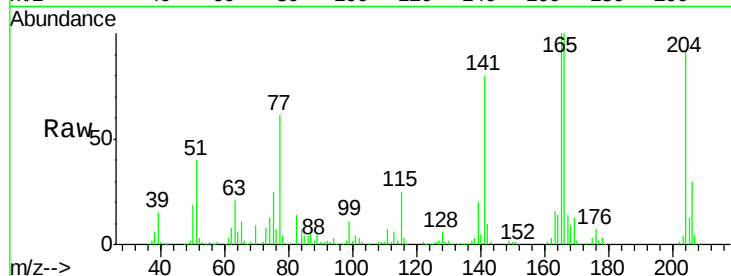




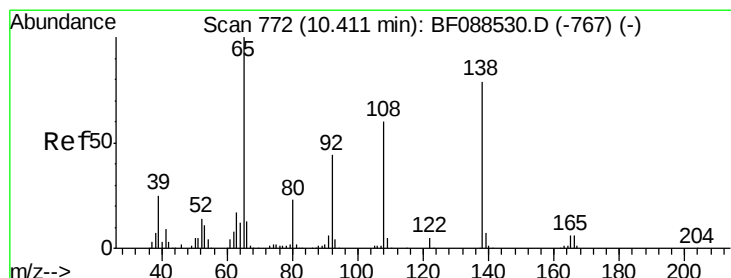
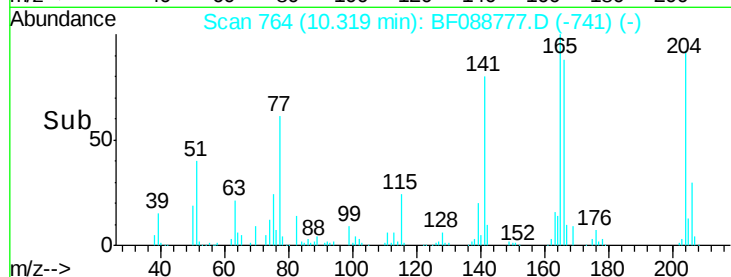
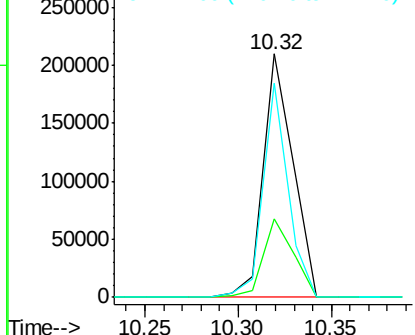
#60
 4-Chlorophenyl-phenylether
 Concen: 38.04 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.03 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

Tgt Ion: 204 Resp: 229150
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.3 39.5
 141 87.8 55.0 82.6#

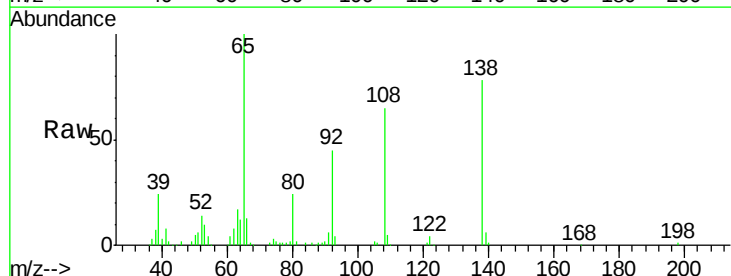


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

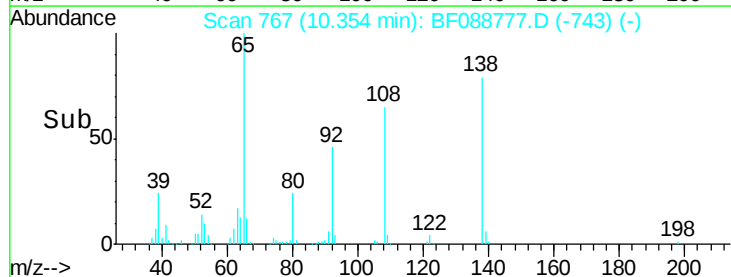
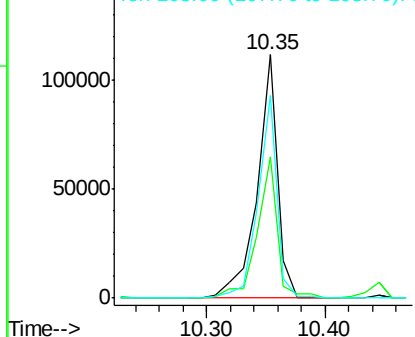


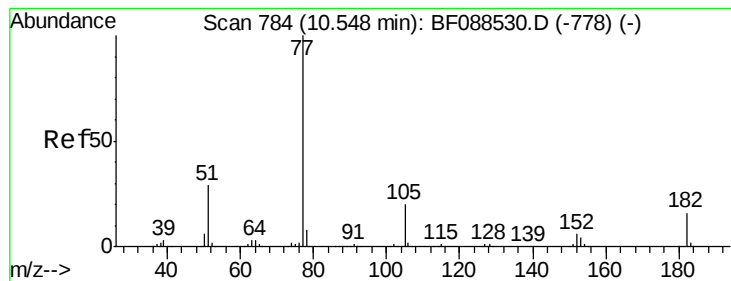
#61
 4-Nitroaniline
 Concen: 34.28 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion: 138 Resp: 134234
 Ion Ratio Lower Upper
 138 100
 92 58.1 27.3 67.3
 108 83.3 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: 41.64 ng

RT: 10.48 min Scan# 778

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

Tgt Ion: 77 Resp: 688552

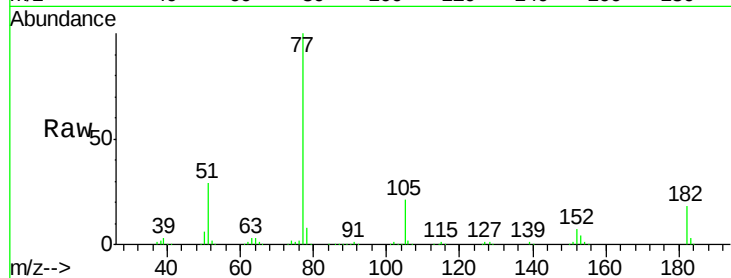
Ion Ratio Lower Upper

77 100

182 18.3 4.4 44.4

105 21.1 3.8 43.8

51 28.5 9.3 49.3

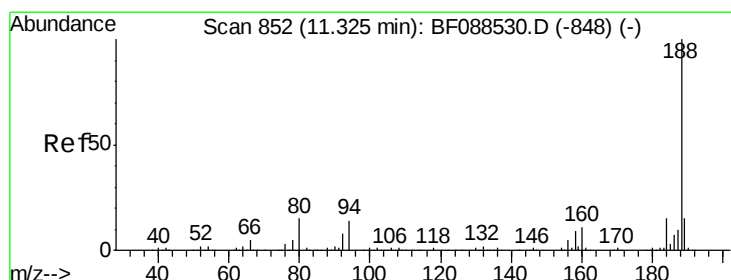
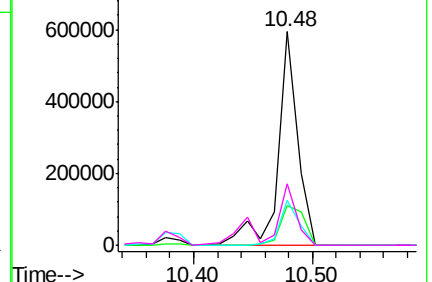
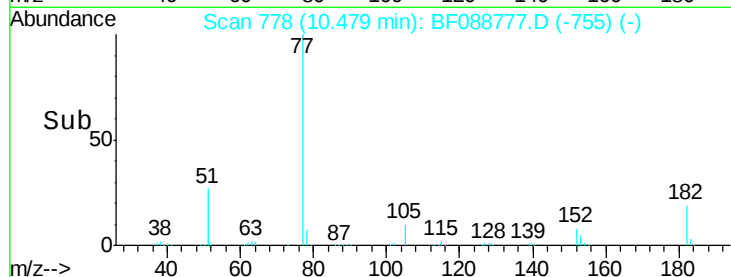


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

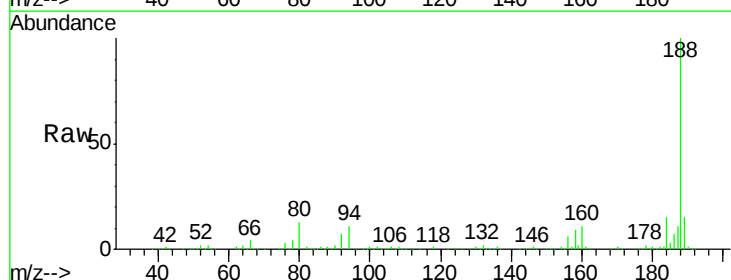
Tgt Ion: 188 Resp: 367618

Ion Ratio Lower Upper

188 100

94 11.2 9.0 13.6

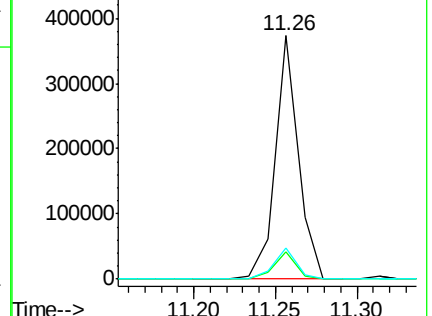
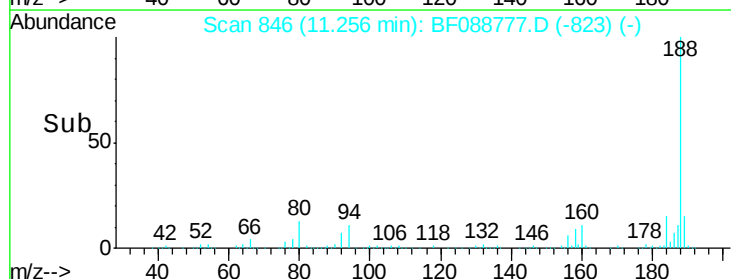
80 12.8 10.0 15.0

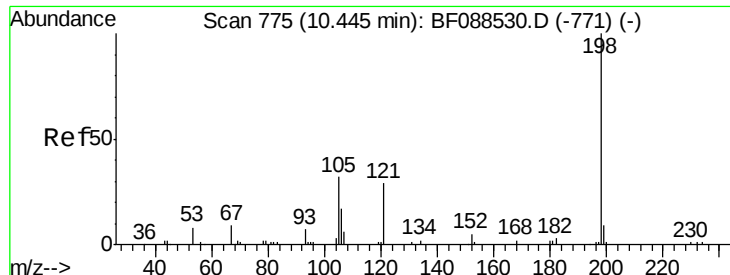


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

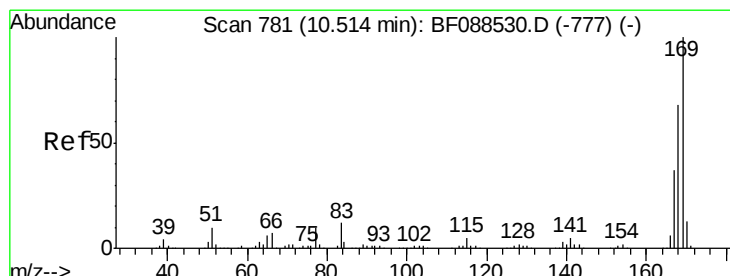
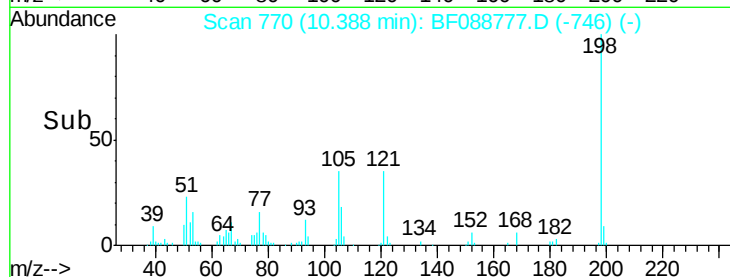
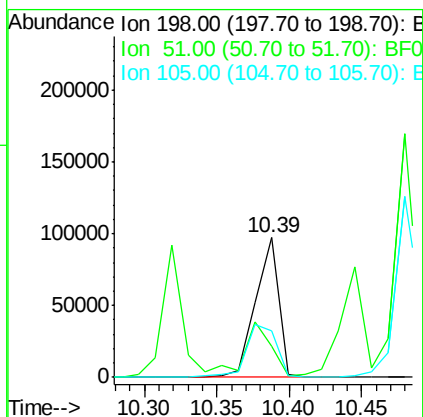
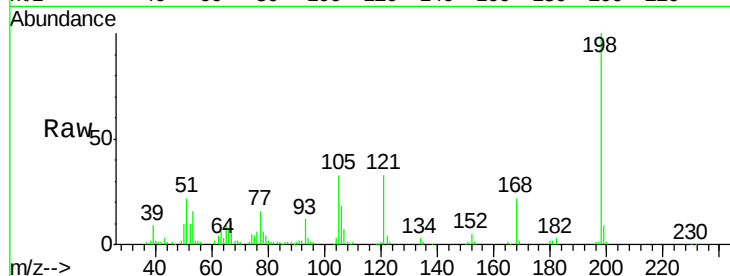




#64
 4,6-Dinitro-2-methylphenol
 Concen: 55.11 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

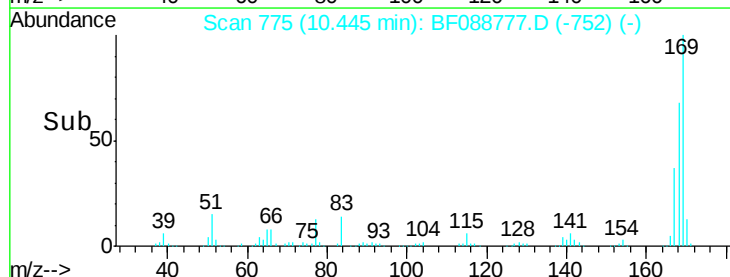
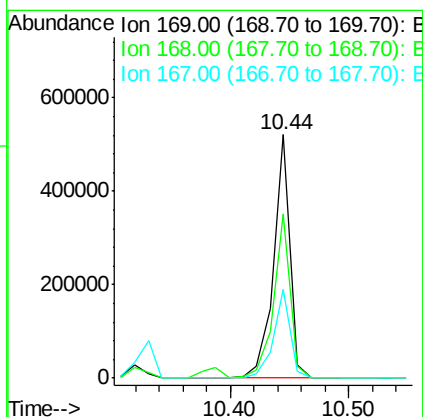
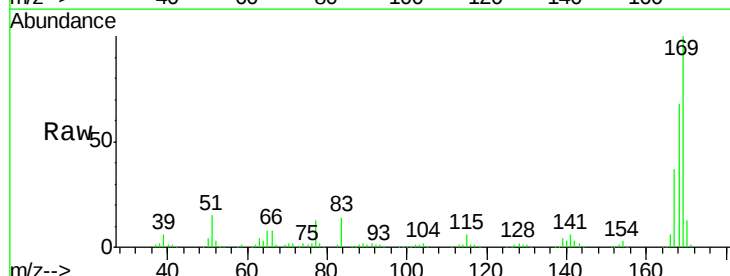
Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

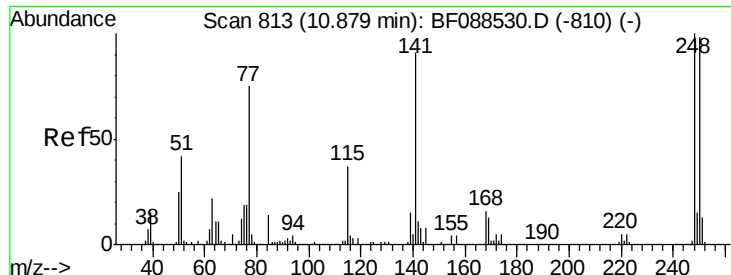
Tgt Ion:198 Resp: 108358
 Ion Ratio Lower Upper
 198 100
 51 22.5 39.6 79.6#
 105 33.3 36.6 76.6#



#65
 n-Nitrosodiphenylamine
 Concen: 40.43 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.03 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion:169 Resp: 502971
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.4 80.0
 167 36.6 29.4 44.0

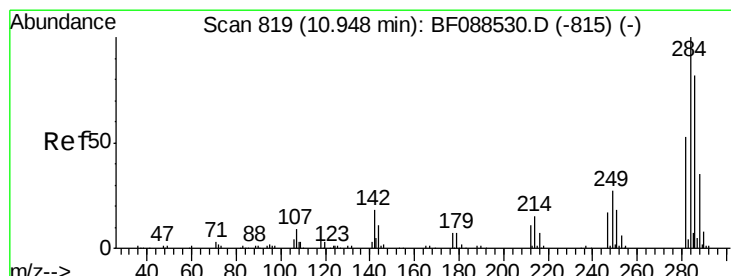
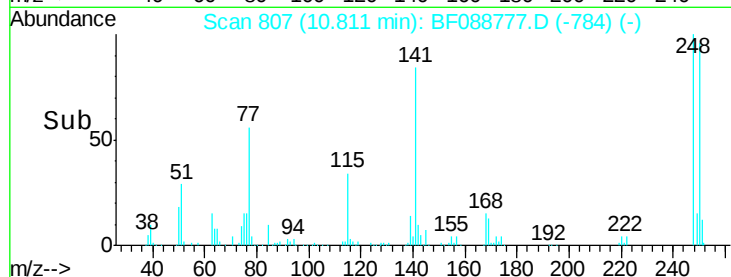
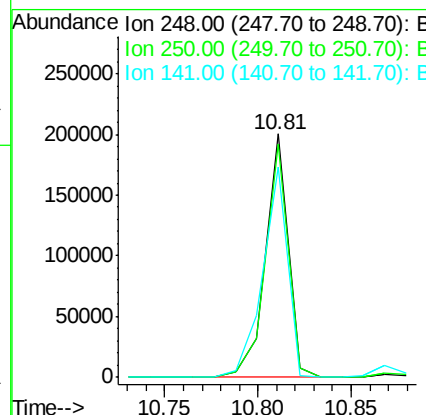
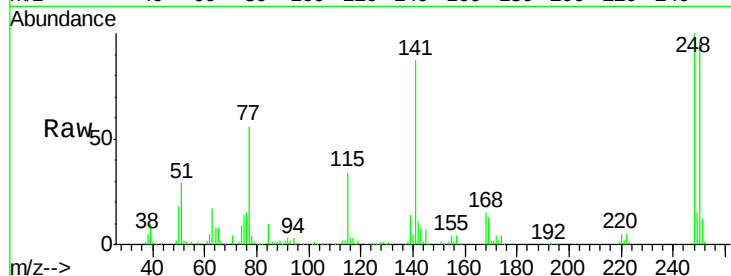




#66
4-Bromophenyl-phenylether
Concen: 45.22 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

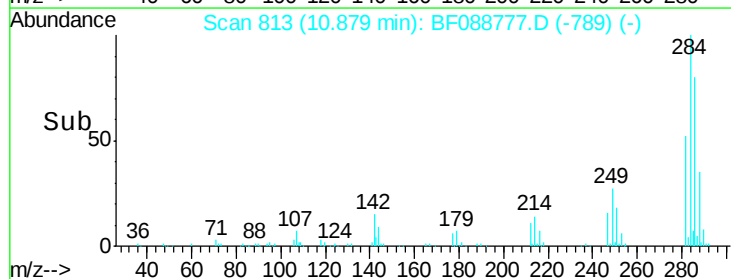
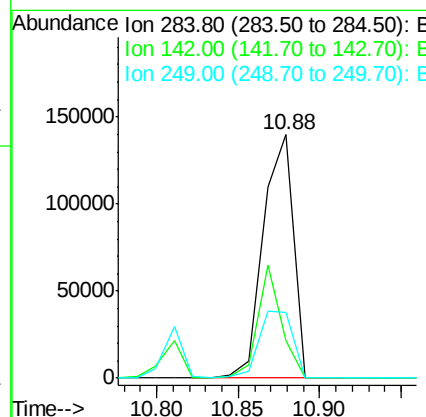
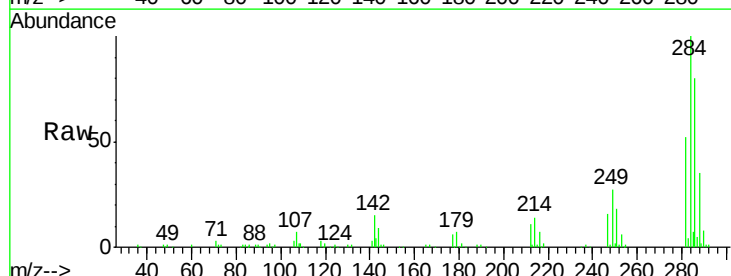
Instrument :
BNA_F
ClientSampleId :
PB91866BS

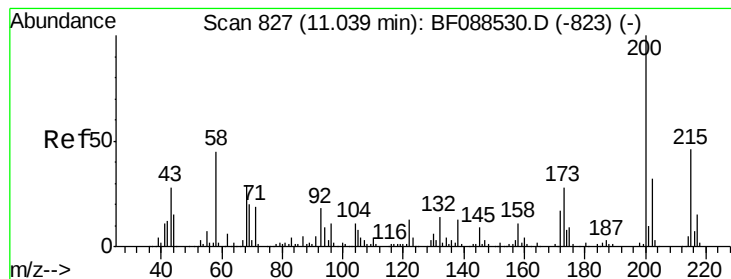
Tgt Ion:248 Resp: 167518
Ion Ratio Lower Upper
248 100
250 95.8 77.1 115.7
141 86.6 50.6 76.0#



#67
Hexachlorobenzene
Concen: 43.76 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF088777.D
Acq: 7 Jul 2016 13:44

Tgt Ion:284 Resp: 179453
Ion Ratio Lower Upper
284 100
142 15.3 35.8 53.8#
249 27.0 25.8 38.6





#68

Atrazine

Concen: 42.14 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

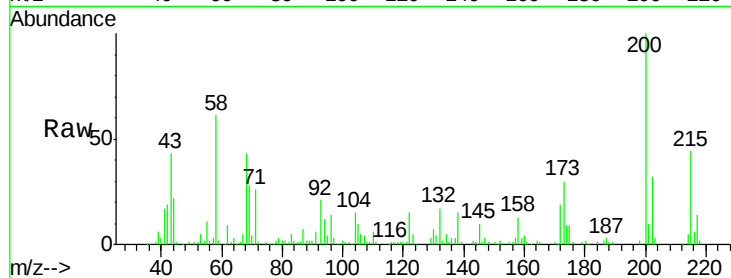
Tgt Ion:200 Resp: 163383

Ion Ratio Lower Upper

200 100

173 30.3 4.0 44.0

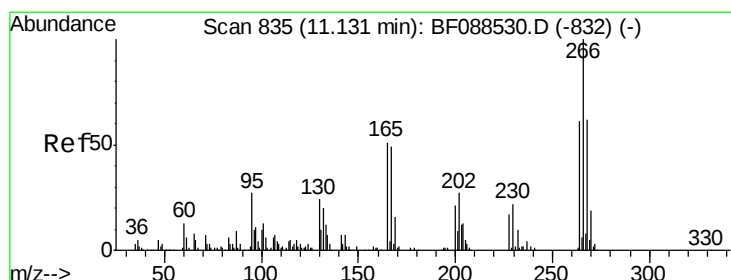
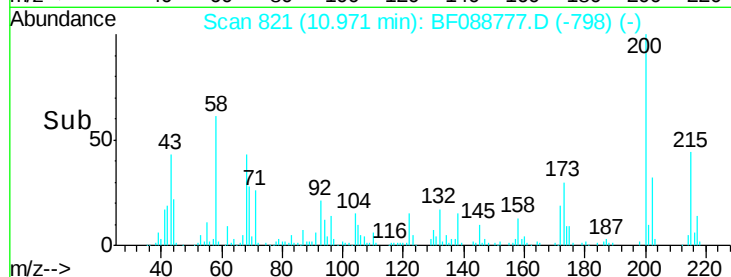
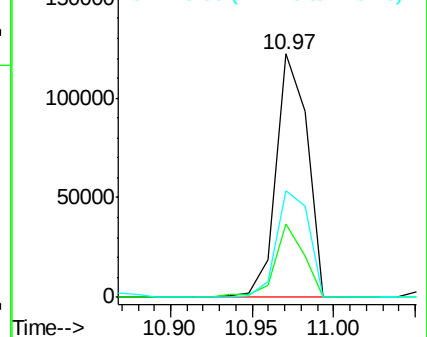
215 43.6 29.3 69.3



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: 87.05 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

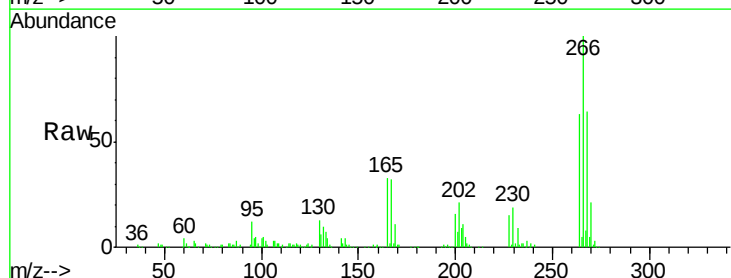
Tgt Ion:266 Resp: 211258

Ion Ratio Lower Upper

266 100

268 64.5 52.8 79.2

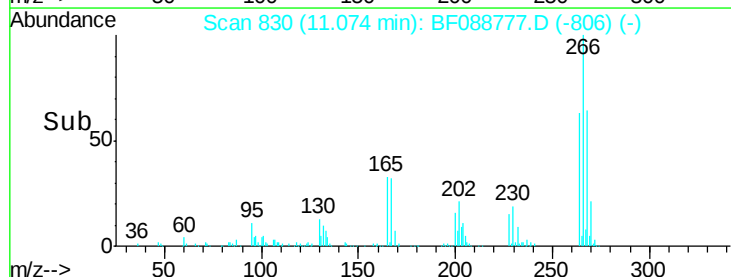
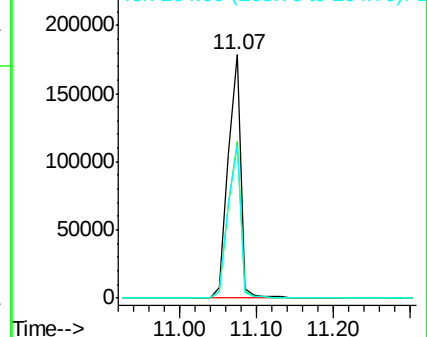
264 63.0 49.6 74.4

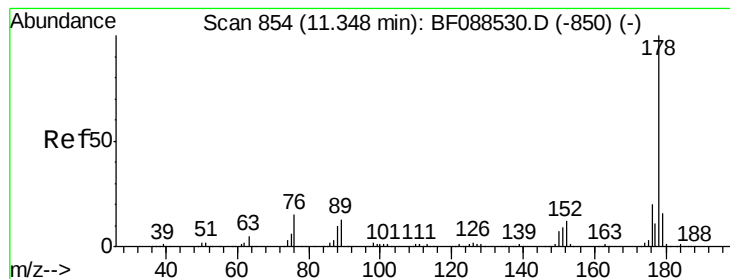


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 41.83 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

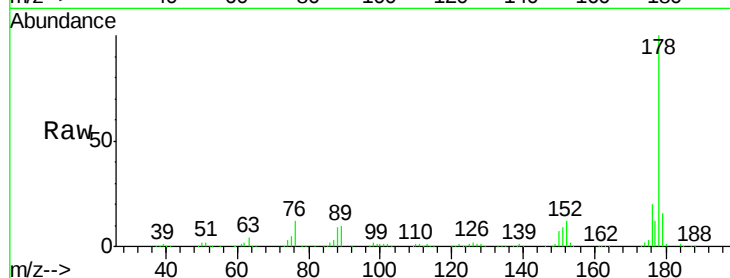
Tgt Ion:178 Resp: 840607

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

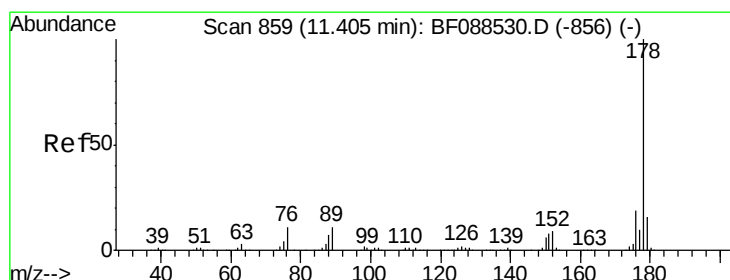
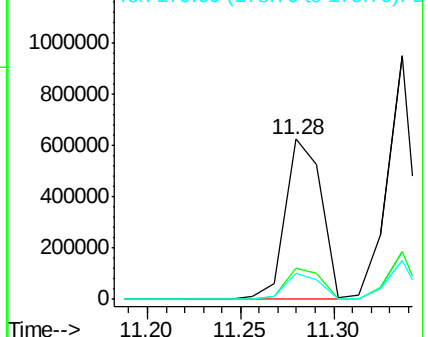
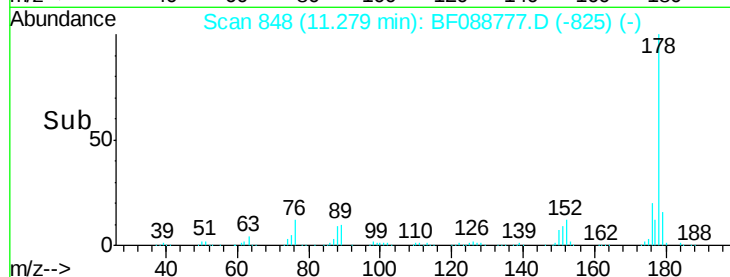
179 16.1 13.0 19.4



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: 42.83 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

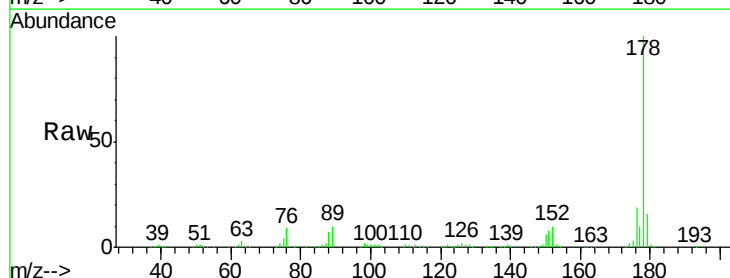
Tgt Ion:178 Resp: 855742

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

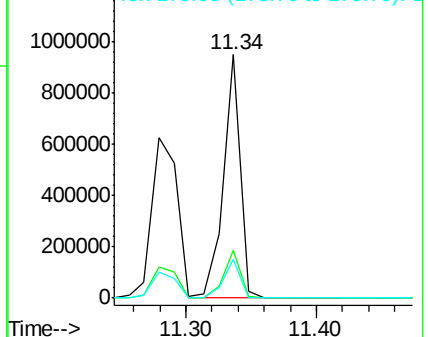
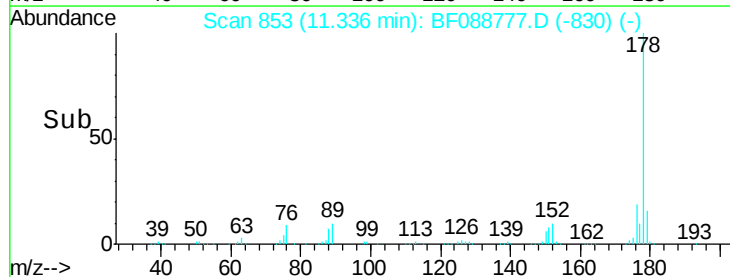
179 16.0 12.8 19.2

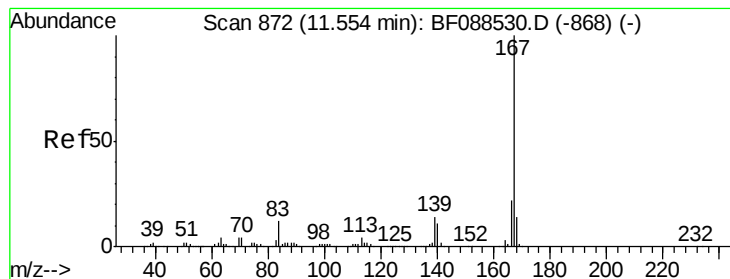


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 41.18 ng

RT: 11.49 min Scan# 866

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

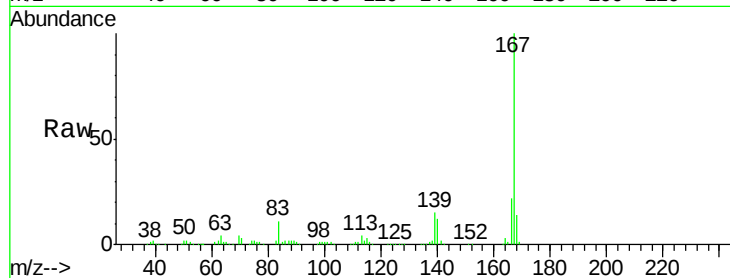
Tgt Ion:167 Resp: 774492

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

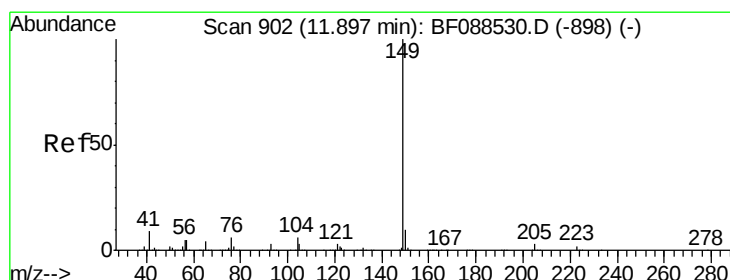
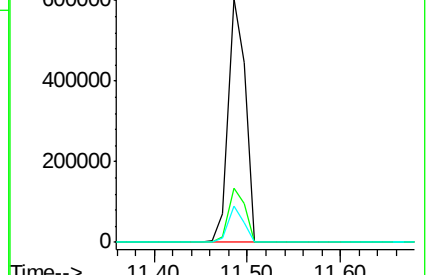
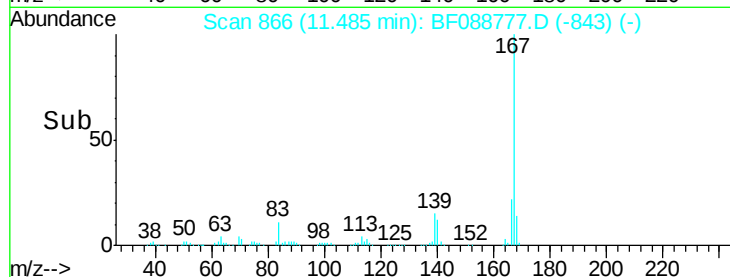
139 14.8 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 41.70 ng

RT: 11.83 min Scan# 896

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

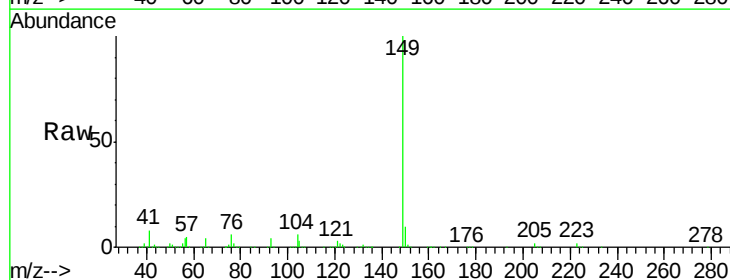
Tgt Ion:149 Resp: 912280

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

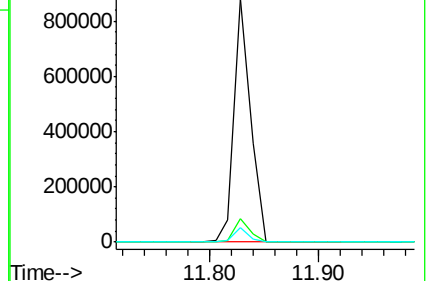
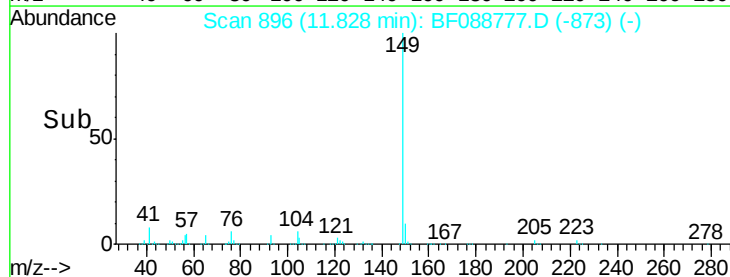
104 6.1 4.0 6.0#

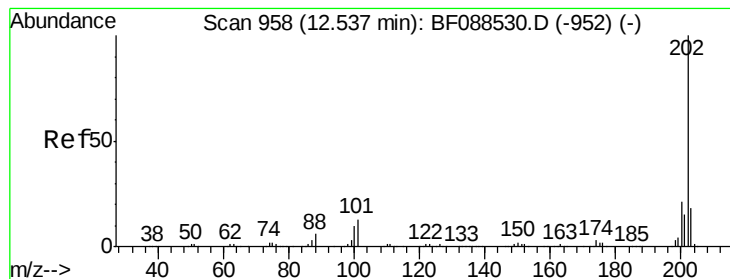


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 45.83 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

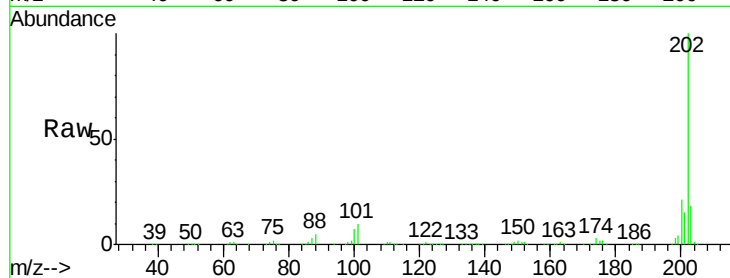
Tgt Ion: 202 Resp: 933627

Ion Ratio Lower Upper

202 100

101 9.8 0.0 33.1

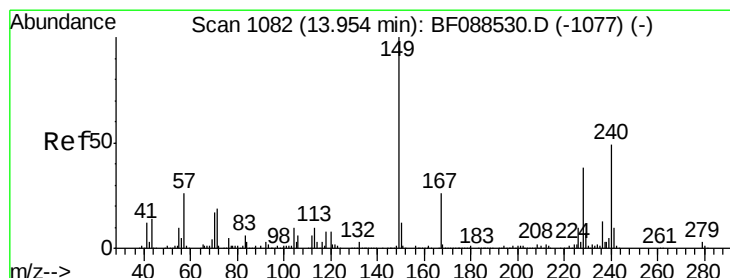
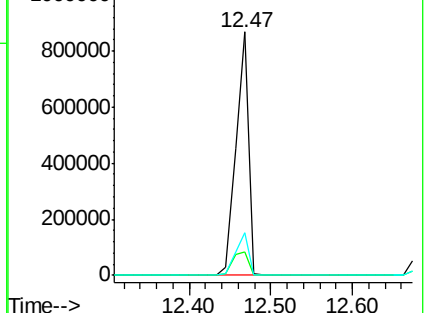
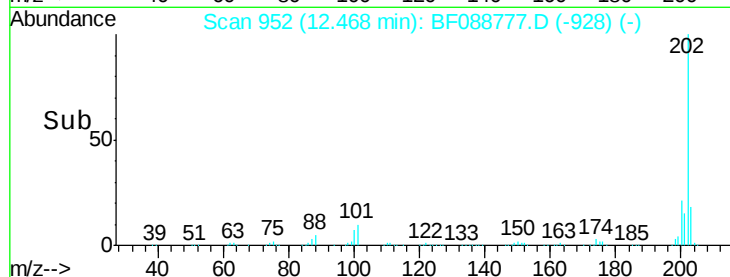
203 17.7 0.0 38.1



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: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

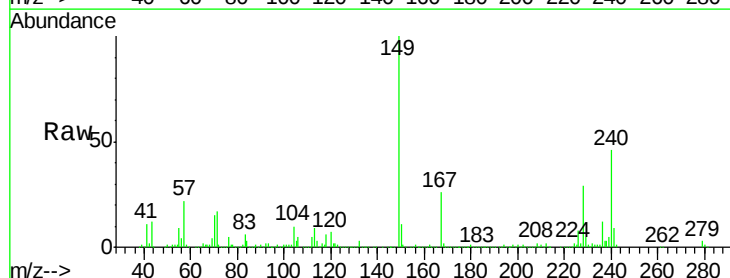
Tgt Ion: 240 Resp: 262315

Ion Ratio Lower Upper

240 100

120 14.2 6.8 10.2#

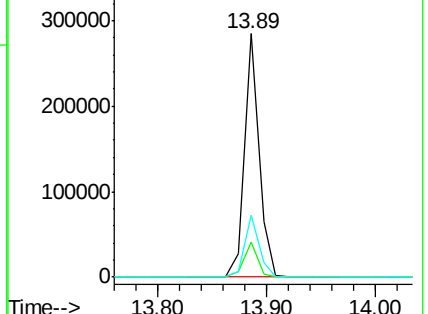
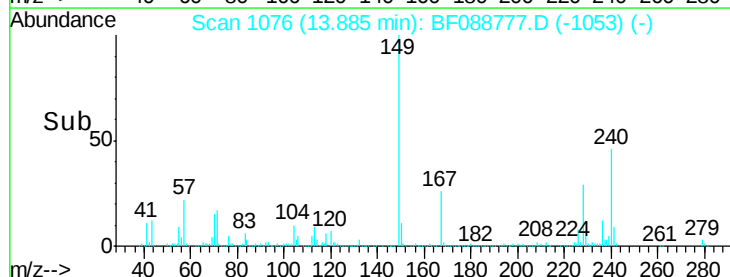
236 25.6 20.2 30.2

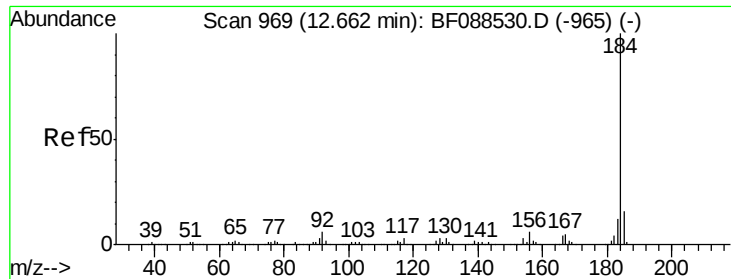


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 41.55 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

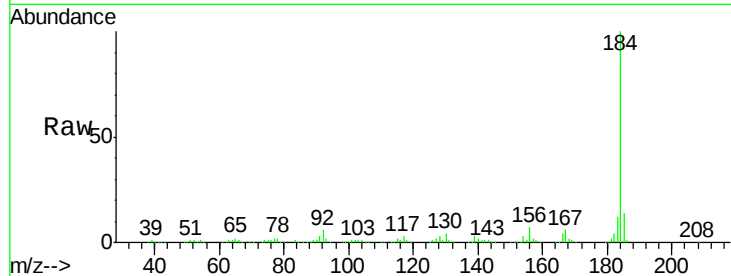
Tgt Ion:184 Resp: 550950

Ion Ratio Lower Upper

184 100

185 14.1 12.5 18.7

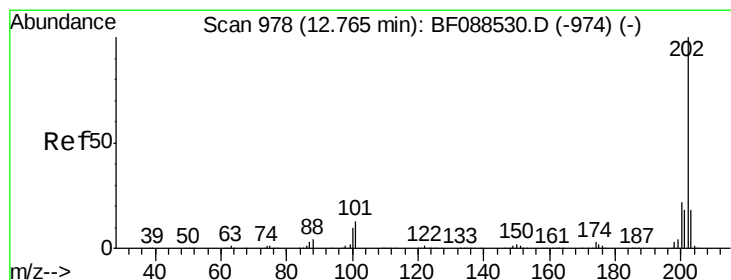
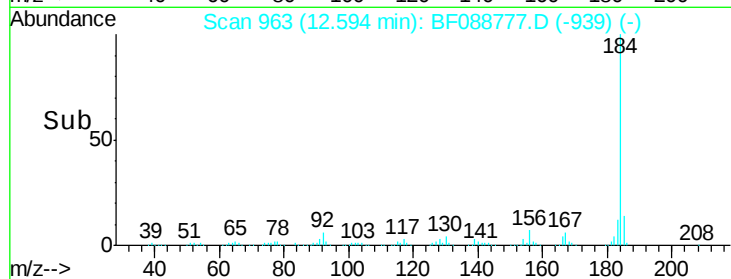
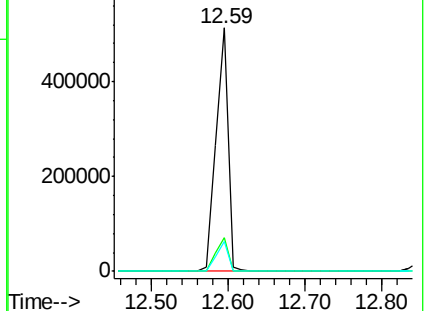
183 12.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 41.81 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

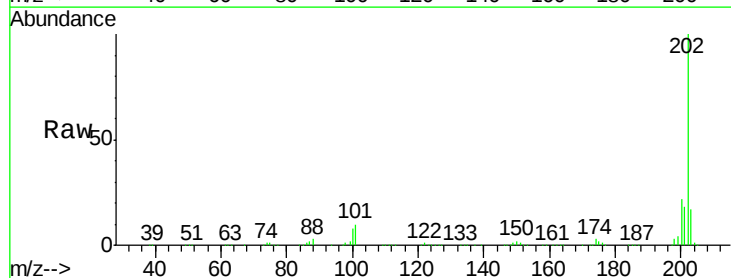
Tgt Ion:202 Resp: 929904

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

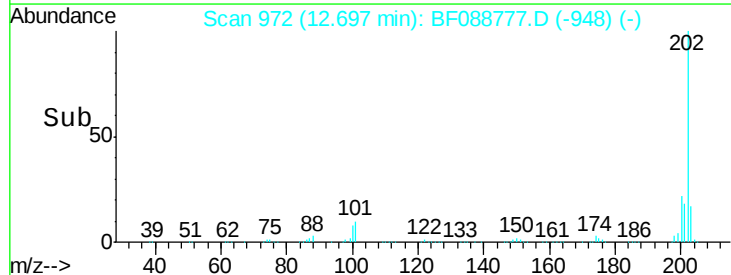
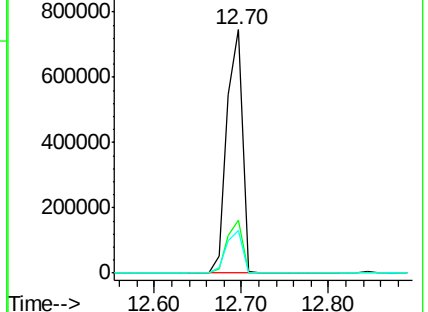
203 17.4 14.5 21.7

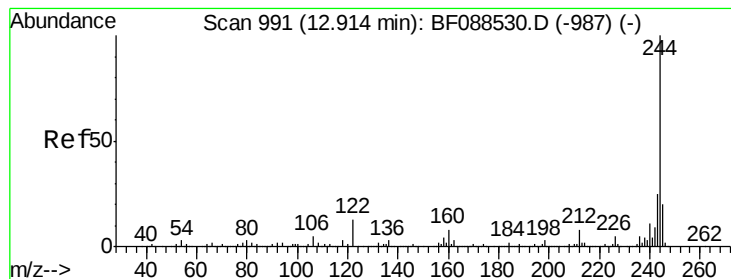


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 85.02 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

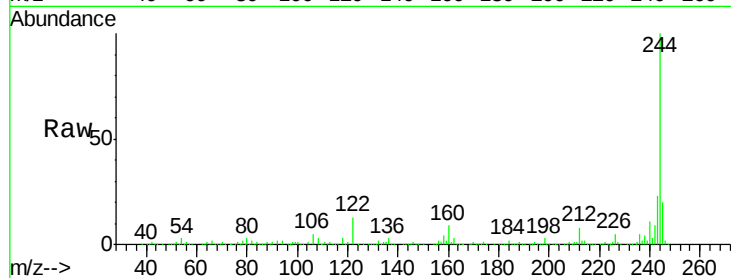
Tgt Ion:244 Resp: 1001259

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

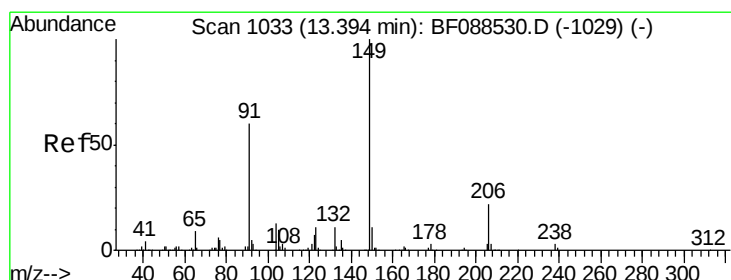
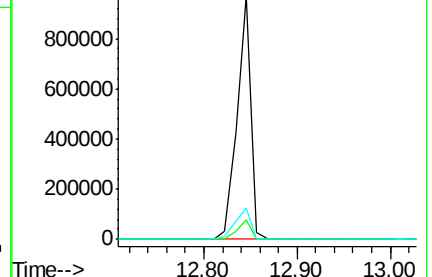
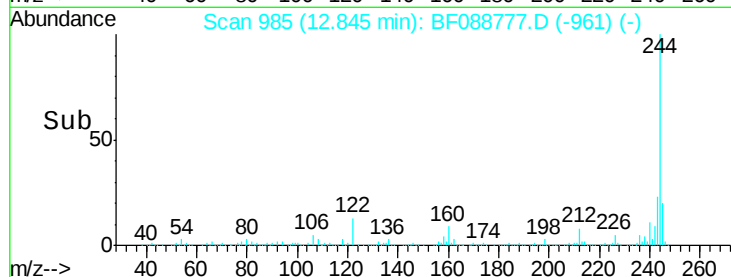
122 12.6 11.2 16.8



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: 45.02 ng

RT: 13.33 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

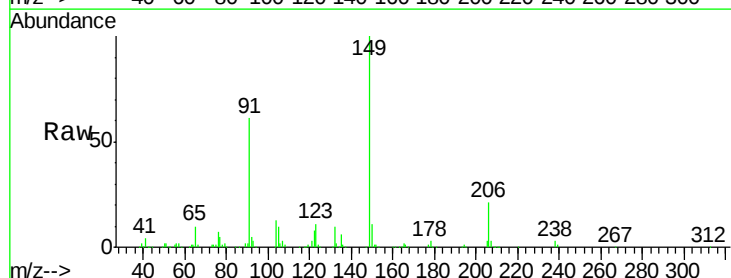
Tgt Ion:149 Resp: 446616

Ion Ratio Lower Upper

149 100

91 60.7 48.0 72.0

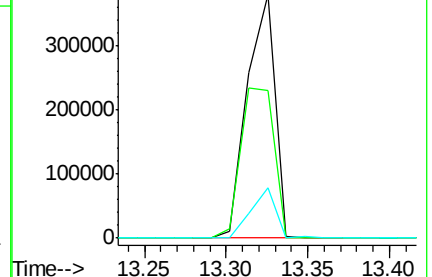
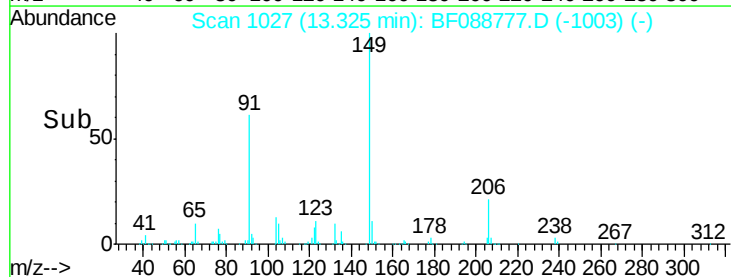
206 20.9 16.0 24.0

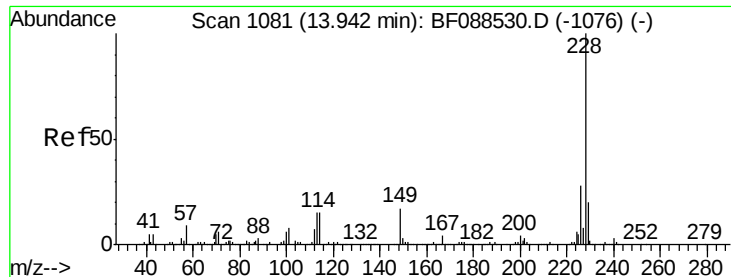


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 42.63 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

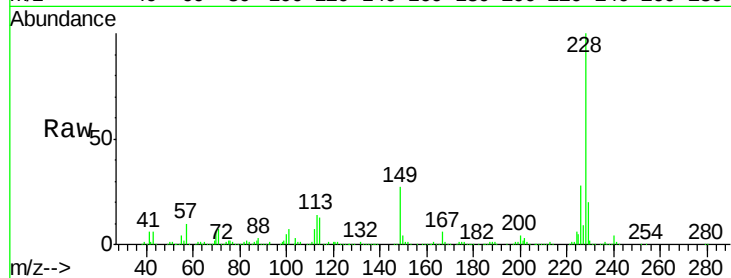
Tgt Ion:228 Resp: 719981

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

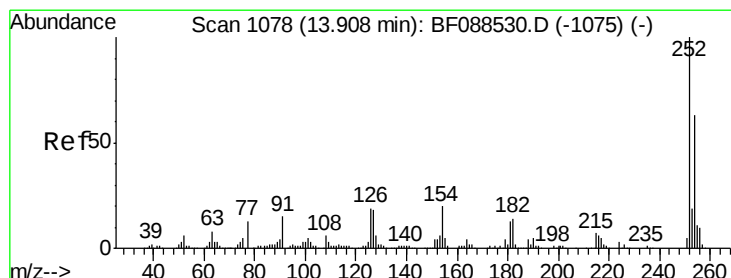
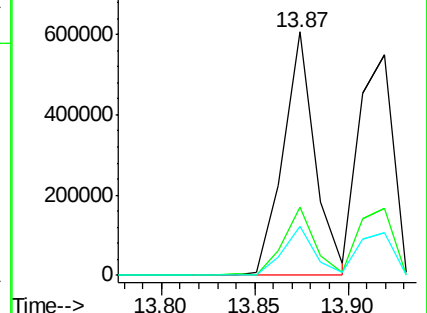
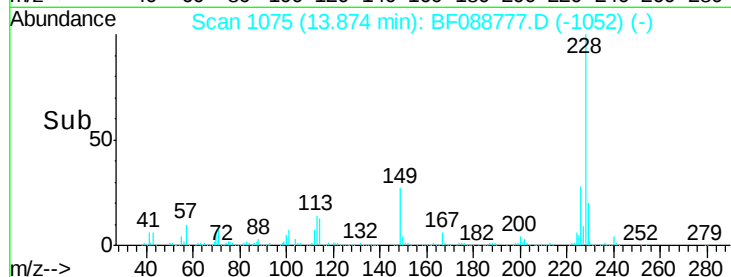
229 19.9 16.0 24.0



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: 21.83 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

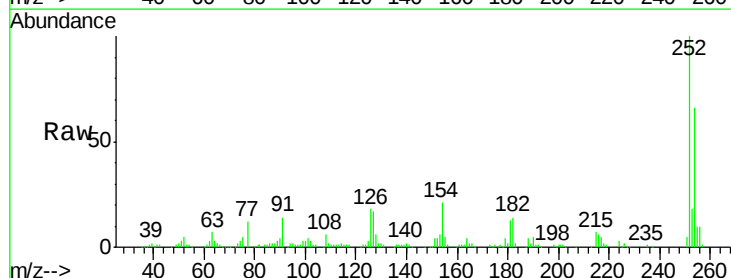
Tgt Ion:252 Resp: 138611

Ion Ratio Lower Upper

252 100

254 66.3 52.6 78.8

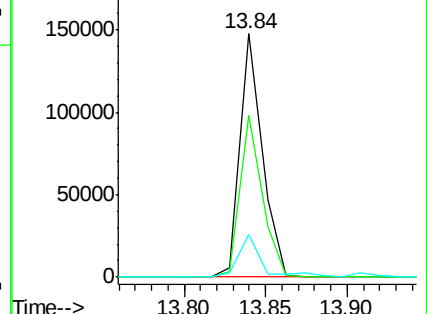
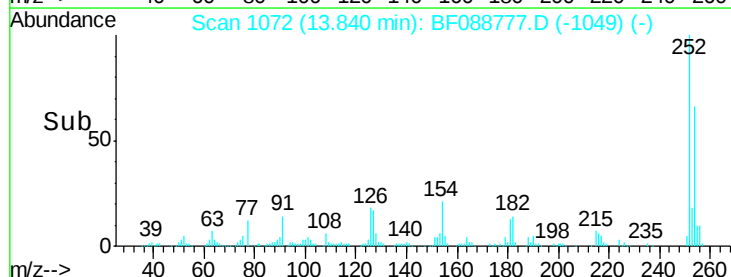
126 17.6 6.2 9.2#

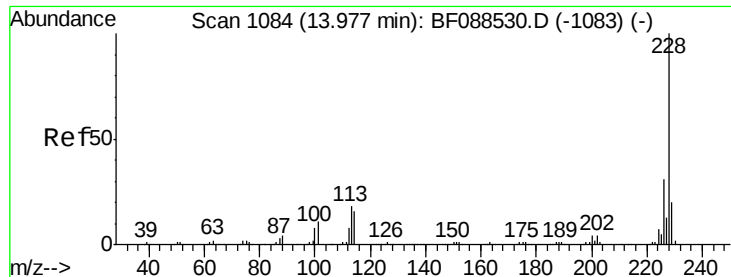


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.96 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

Instrument :

BNA_F

ClientSampleId :

PB91866BS

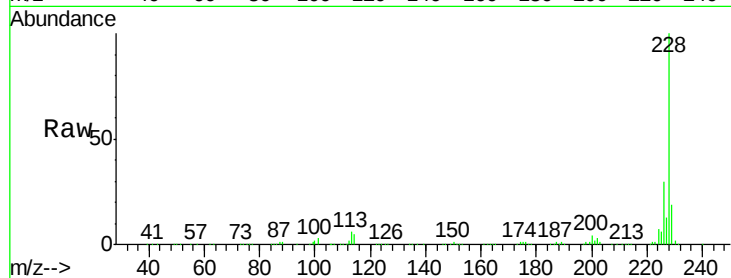
Tgt Ion: 228 Resp: 701133

Ion Ratio Lower Upper

228 100

226 30.2 25.4 38.2

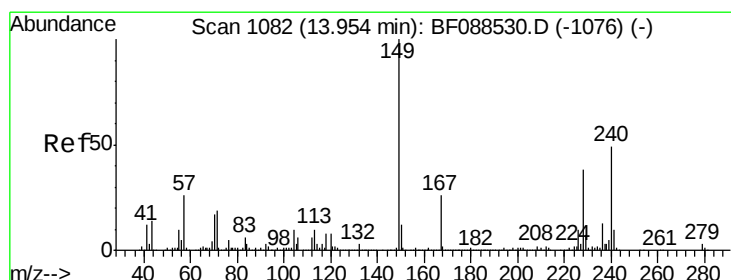
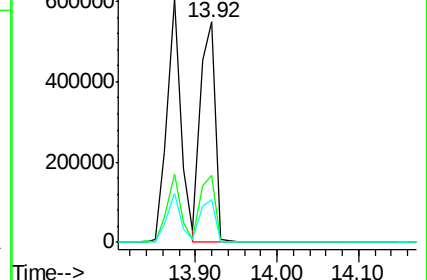
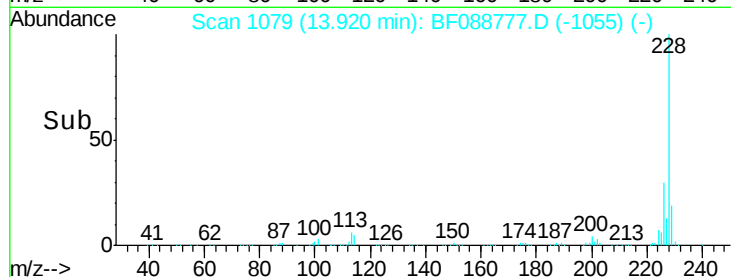
229 19.5 16.3 24.5



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: 49.32 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088777.D

Acq: 7 Jul 2016 13:44

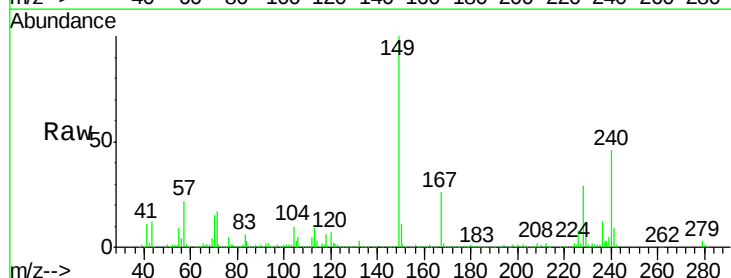
Tgt Ion: 149 Resp: 558638

Ion Ratio Lower Upper

149 100

167 25.8 20.5 30.7

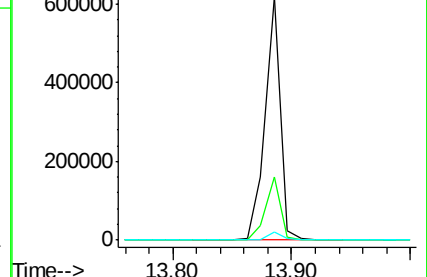
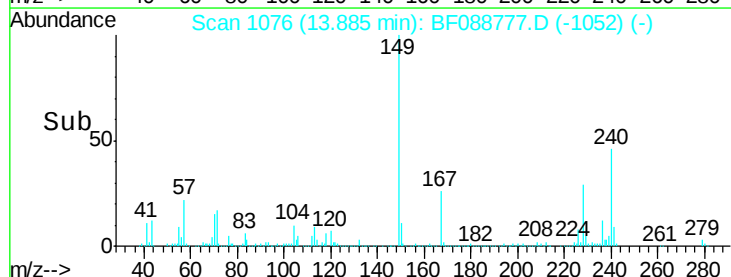
279 3.4 2.0 3.0#

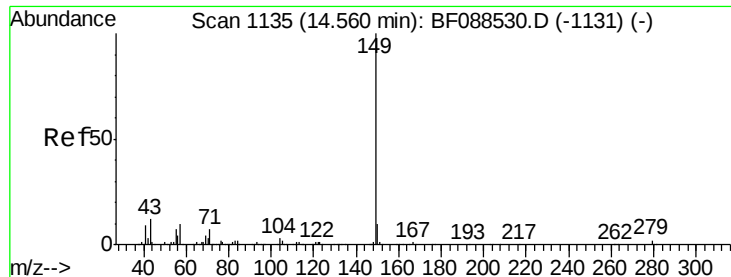


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

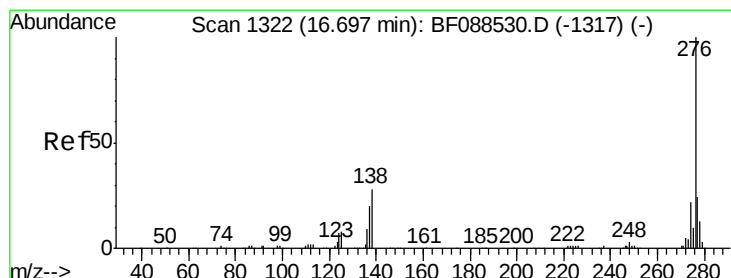
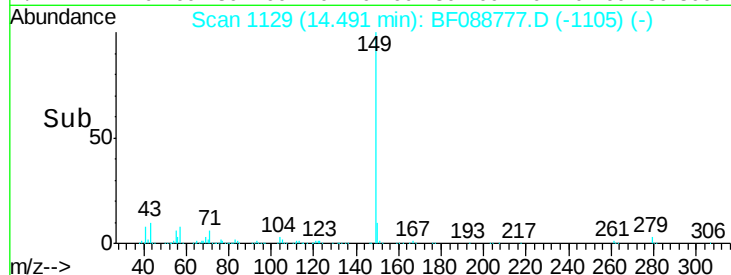
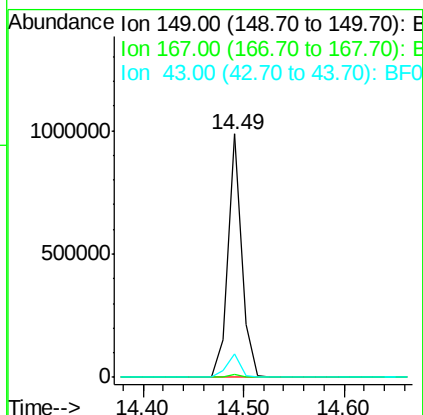
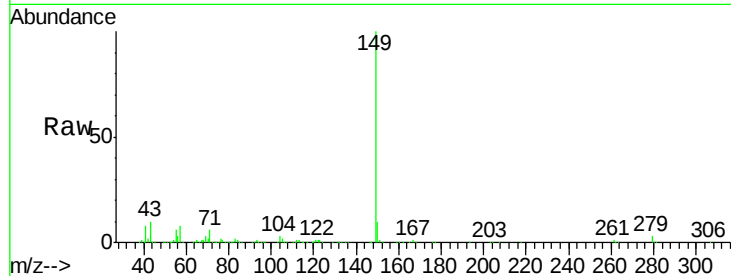




#84
 Di-n-octyl phthalate
 Concen: 48.82 ng
 RT: 14.49 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PB91866BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	0.0	0.0#
43	9.4	0.0	0.0#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.59 ng
 RT: 16.58 min Scan# 1312
 Delta R.T. -0.06 min
 Lab File: BF088777.D
 Acq: 7 Jul 2016 13:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	0.0	0.0#
277	25.4	0.0	0.0#

