

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
 Data File : BF087947.D
 Acq On : 12 Jun 2016 14:09
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 13 01:17:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 01:05:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	119474	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	484414	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	242867	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	429718	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	308758	20.00	ng	-0.02
86) Perylene-d12	15.37	264	268997	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	556705	79.66	ng	-0.05
7) Phenol-d6	6.44	99	719398	84.94	ng	-0.03
23) Nitrobenzene-d5	7.37	82	630882	76.05	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	176897	68.98	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1202997	77.31	ng	-0.03
78) Terphenyl-d14	12.91	244	968303	71.36	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	133130	39.20	ng	# 36
3) Pyridine	3.05	79	342172	42.68	ng	96
4) n-Nitrosodimethylamine	3.00	42	137085	40.37	ng	86
6) Aniline	6.47	93	489128	40.57	ng	99
8) 2-Chlorophenol	6.58	128	312806	37.81	ng	99
9) Benzaldehyde	6.34	77	197261	36.06	ng	90
10) Phenol	6.46	94	429100	49.31	ng	73
11) bis(2-Chloroethyl)ether	6.55	93	307594	41.42	ng	# 82
12) 1,3-Dichlorobenzene	6.74	146	349049	39.33	ng	96
13) 1,4-Dichlorobenzene	6.82	146	365071	40.83	ng	98
14) 1,2-Dichlorobenzene	6.82	146	365071	44.90	ng	98
15) Benzyl Alcohol	6.95	79	233070	35.17	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	391072	38.98	ng	95
17) 2-Methylphenol	7.06	107	272391	40.61	ng	98
18) Hexachloroethane	7.31	117	120884	38.10	ng	# 84
19) n-Nitroso-di-n-propylamine	7.23	70	230645	42.57	ng	# 85
20) 3+4-Methylphenols	7.22	107	275502	35.20	ng	# 79
22) Acetophenone	7.22	105	416176	38.44	ng	# 92
24) Nitrobenzene	7.39	77	357894	44.54	ng	94
25) Isophorone	7.63	82	599738	39.03	ng	99
26) 2-Nitrophenol	7.71	139	187932	43.66	ng	# 71
27) 2,4-Dimethylphenol	7.75	122	308740	38.96	ng	95
28) bis(2-Chloroethoxy)methane	7.85	93	409100	42.93	ng	98
29) 2,4-Dichlorophenol	7.95	162	284388	42.98	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	267328	37.10	ng	99
31) Naphthalene	8.11	128	875153	36.51	ng	100
32) Benzoic acid	7.88	122	180202	41.29	ng	93
33) 4-Chloroaniline	8.17	127	448308	41.88	ng	# 91
34) Hexachlorobutadiene	8.24	225	149119	39.24	ng	98
35) Caprolactam	8.55	113	89813	40.98	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	273552	38.66	ng	100
37) 2-Methylnaphthalene	8.81	142	643844	40.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	240819	35.52	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	127310	32.50	ng	99

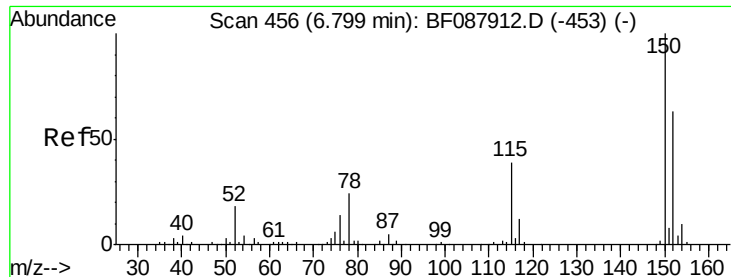
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061116\
 Data File : BF087947.D
 Acq On : 12 Jun 2016 14:09
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 13 01:17:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 01:05:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	188689	38.85	ng	97
43) 2,4,5-Trichlorophenol	9.13	196	188194	37.24	ng	# 94
45) 1,1'-Biphenyl	9.27	154	691092	36.78	ng	99
46) 2-Chloronaphthalene	9.29	162	552409	35.15	ng	100
47) 2-Nitroaniline	9.39	65	195692	42.21	ng	# 79
48) Acenaphthylene	9.71	152	944841	37.80	ng	99
49) Dimethylphthalate	9.58	163	620084	35.25	ng	99
50) 2,6-Dinitrotoluene	9.63	165	137678	34.17	ng	# 61
51) Acenaphthene	9.88	154	600974	38.54	ng	99
52) 3-Nitroaniline	9.80	138	184238	39.63	ng	93
53) 2,4-Dinitrophenol	9.91	184	67709	36.58	ng	# 78
54) Dibenzofuran	10.06	168	849158	39.54	ng	99
55) 4-Nitrophenol	9.96	139	132616	36.75	ng	# 85
56) 2,4-Dinitrotoluene	10.03	165	185698	35.86	ng	# 66
57) Fluorene	10.40	166	569583	38.55	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	155687	39.21	ng	# 52
59) Diethylphthalate	10.27	149	639854	35.93	ng	99
60) 4-Chlorophenyl-phenylether	10.39	204	244964	34.30	ng	99
61) 4-Nitroaniline	10.41	138	181177	41.08	ng	96
62) Azobenzene	10.55	77	684698	38.88	ng	97
64) 4,6-Dinitro-2-methylphenol	10.44	198	103727	39.09	ng	# 72
65) n-Nitrosodiphenylamine	10.51	169	560630	39.32	ng	100
66) 4-Bromophenyl-phenylether	10.88	248	181836	39.44	ng	96
67) Hexachlorobenzene	10.94	284	168623	35.20	ng	98
68) Atrazine	11.04	200	180549	41.82	ng	94
69) Pentachlorophenol	11.13	266	99384	39.36	ng	96
70) Phenanthrene	11.35	178	815021	36.14	ng	99
71) Anthracene	11.40	178	938408	41.26	ng	100
72) Carbazole	11.55	167	839795	39.45	ng	99
73) Di-n-butylphthalate	11.90	149	1002528	37.21	ng	100
74) Fluoranthene	12.54	202	924507	38.85	ng	98
76) Benzidine	12.66	184	374561	43.81	ng	99
77) Pyrene	12.76	202	929587	40.57	ng	100
79) Butylbenzylphthalate	13.39	149	445648	43.99	ng	90
80) Benzo(a)anthracene	13.95	228	648658	36.87	ng	99
81) 3,3'-Dichlorobenzidine	13.92	252	215821	45.61	ng	99
82) Chrysene	13.99	228	664941	40.17	ng	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	514910	41.76	ng	# 98
84) Di-n-octyl phthalate	14.56	149	864504	43.15	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.74	276	624598	40.61	ng	# 100
87) Benzo(b)fluoranthene	14.97	252	612157	32.65	ng	# 97
88) Benzo(k)fluoranthene	14.97	252	612157	43.28	ng	98
89) Benzo(a)pyrene	15.31	252	579893	38.23	ng	99
90) Dibenzo(a,h)anthracene	16.75	278	517442	36.73	ng	98
91) Benzo(g,h,i)perylene	17.15	276	499443	34.46	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

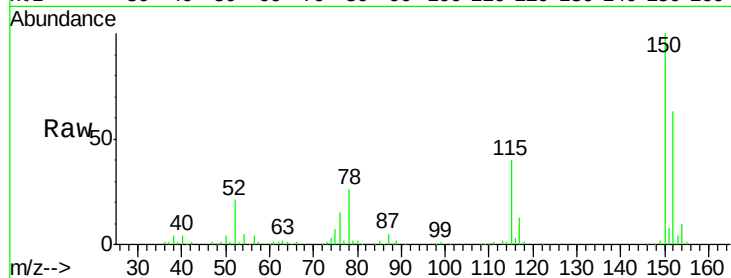
Tgt Ion:152 Resp: 119474

Ion Ratio Lower Upper

152 100

150 158.1 123.8 185.6

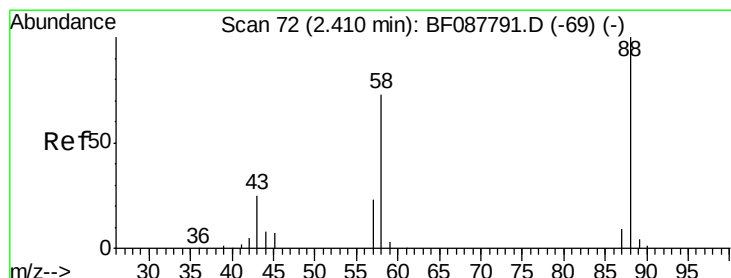
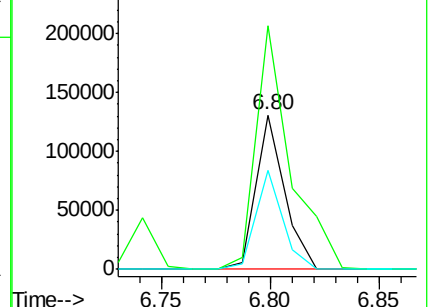
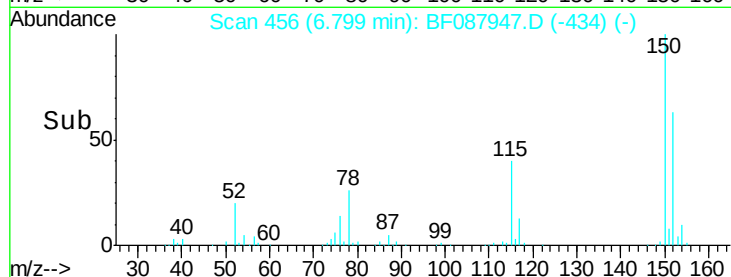
115 64.0 39.6 59.4#



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



#2

1,4-Dioxane

Concen: 39.20 ng

RT: 2.34 min Scan# 66

Delta R.T. -0.07 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

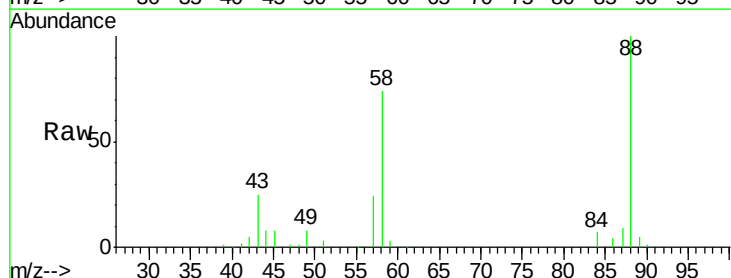
Tgt Ion: 88 Resp: 133130

Ion Ratio Lower Upper

88 100

58 73.1 0.0 0.0#

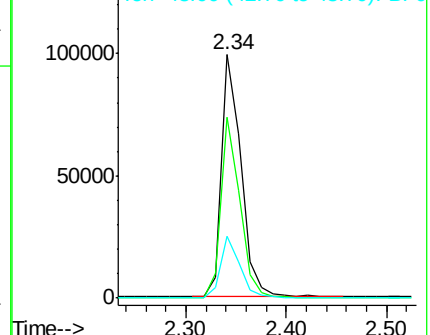
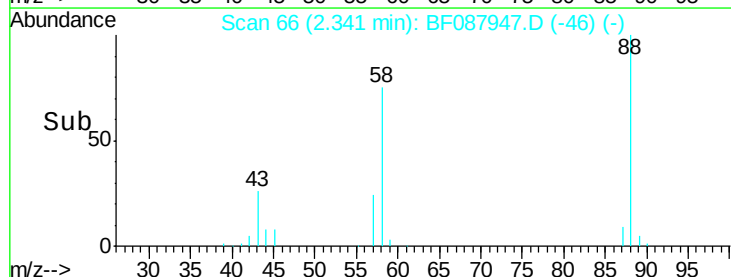
43 25.4 3.4 5.2#

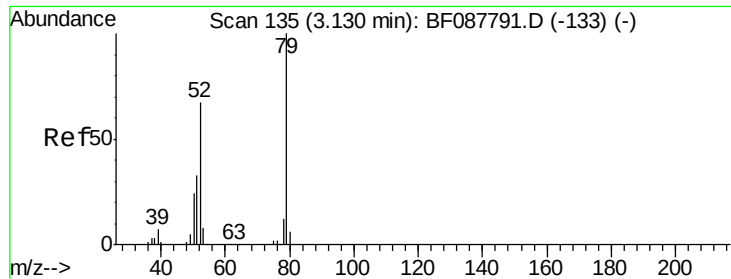


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.68 ng

RT: 3.05 min Scan# 128

Delta R.T. -0.08 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

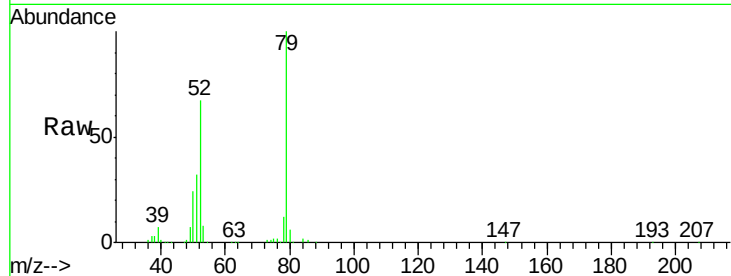
Tgt Ion: 79 Resp: 342172

Ion Ratio Lower Upper

79 100

52 67.0 56.3 84.5

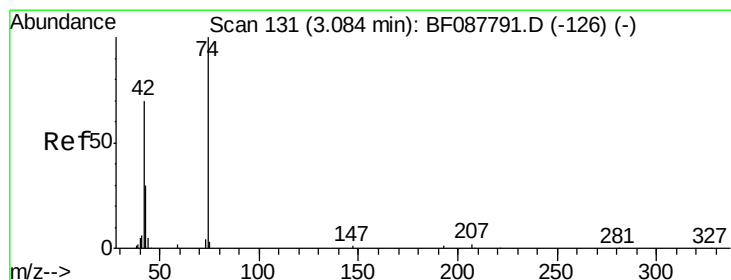
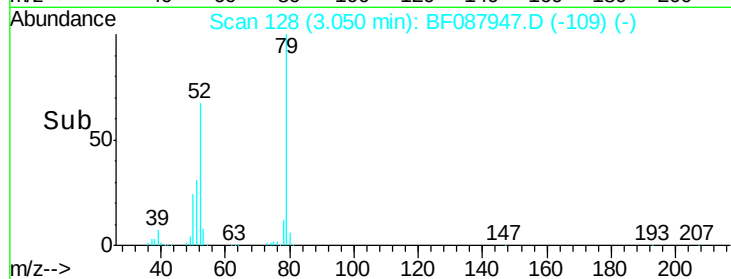
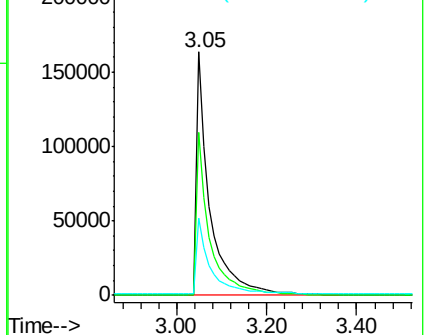
51 31.9 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 40.37 ng

RT: 3.00 min Scan# 124

Delta R.T. -0.08 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

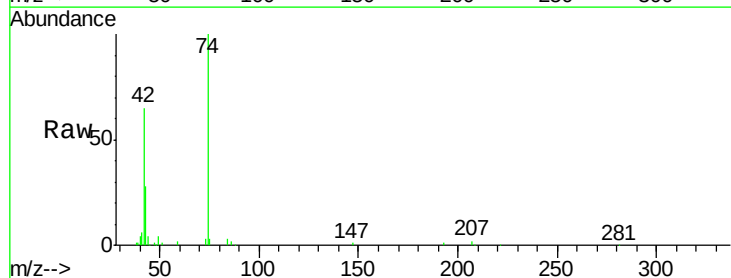
Tgt Ion: 42 Resp: 137085

Ion Ratio Lower Upper

42 100

74 153.6 108.6 163.0

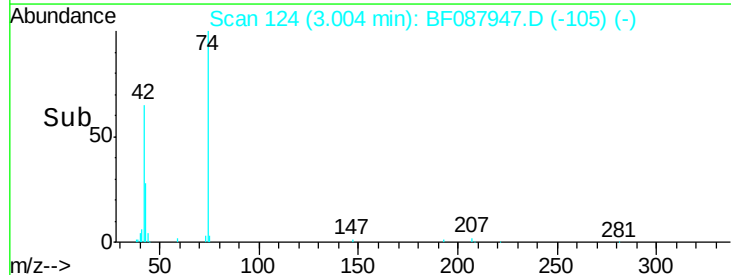
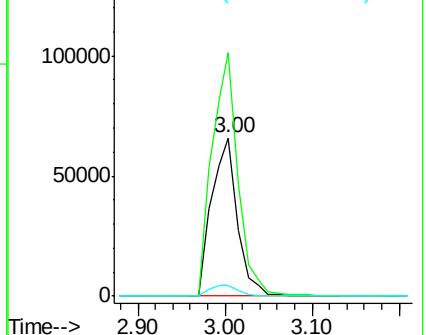
44 6.7 5.5 8.3

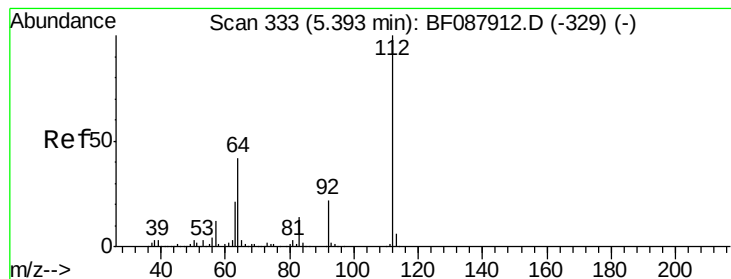


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.66 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.05 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

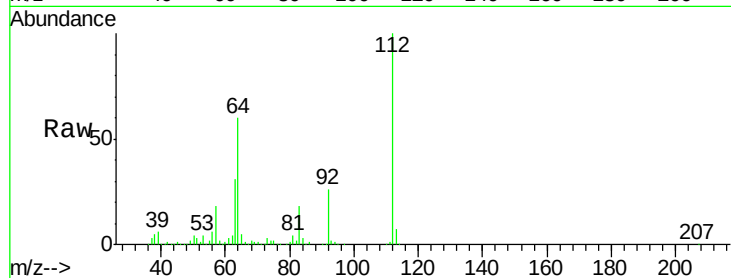
Tgt Ion: 112 Resp: 556705

Ion Ratio Lower Upper

112 100

64 59.8 42.2 63.2

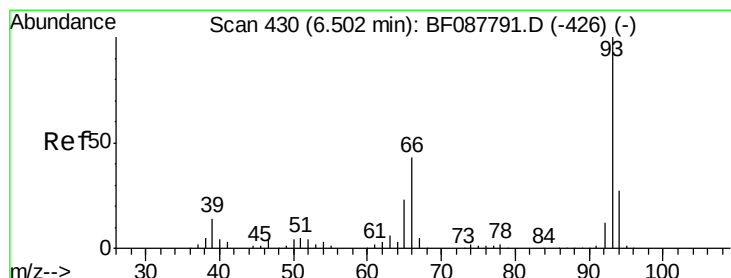
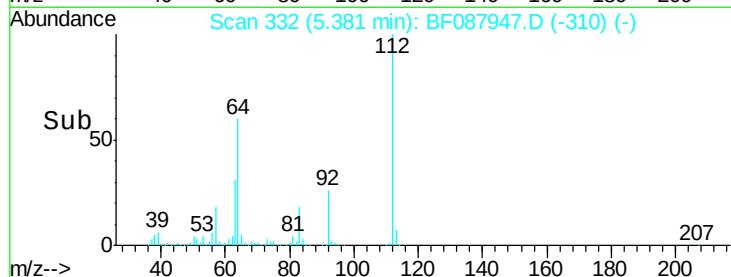
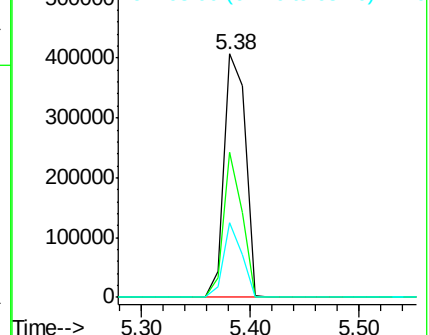
63 30.6 21.8 32.8



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: 40.57 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

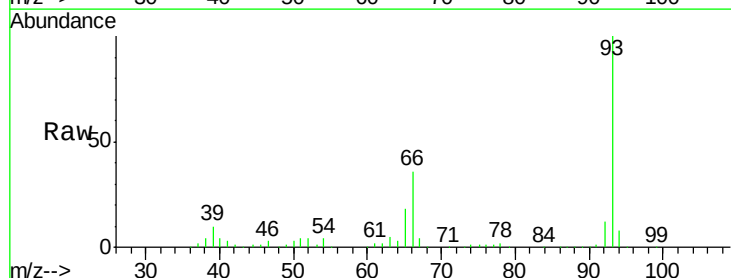
Tgt Ion: 93 Resp: 489128

Ion Ratio Lower Upper

93 100

66 36.3 29.8 44.8

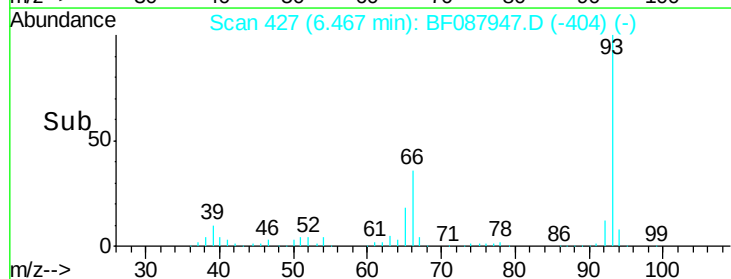
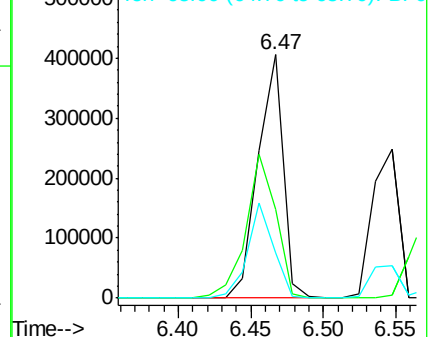
65 18.4 14.9 22.3

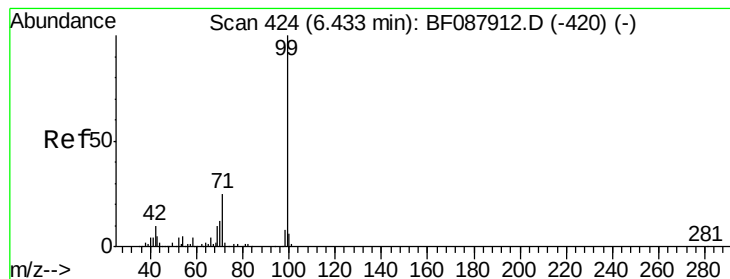


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.94 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

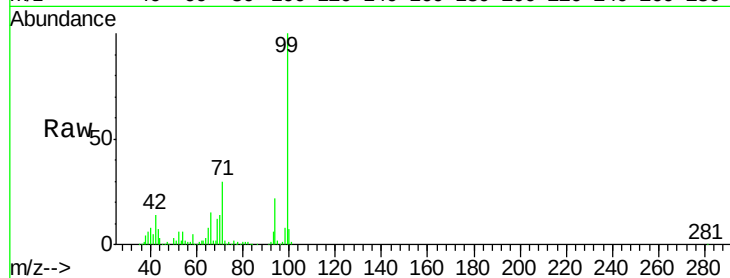
Tgt Ion: 99 Resp: 719398

Ion Ratio Lower Upper

99 100

42 14.3 12.2 18.2

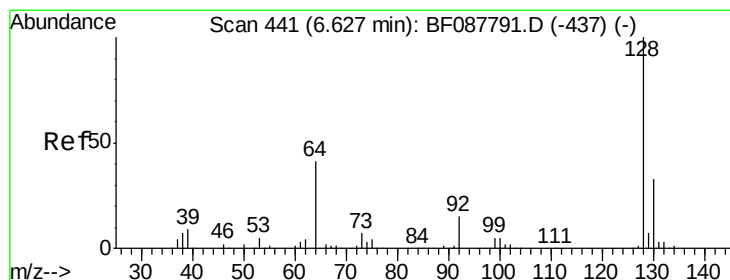
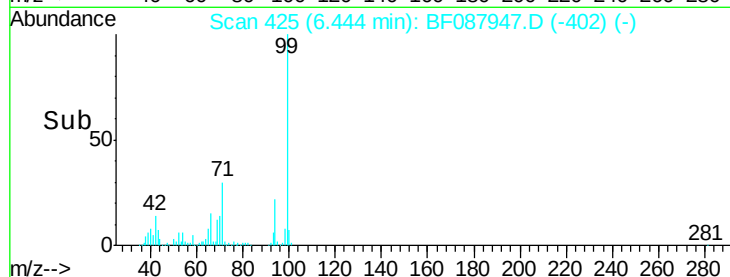
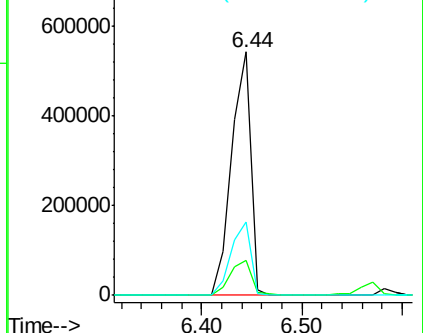
71 30.0 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.81 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.05 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

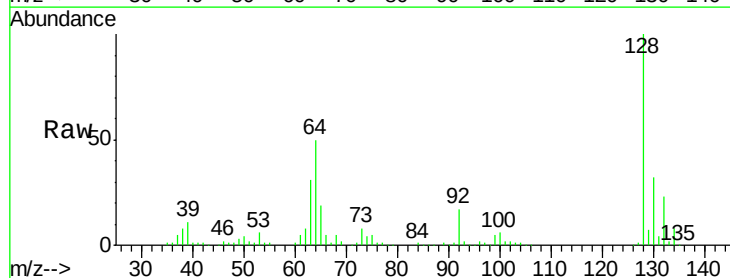
Tgt Ion: 128 Resp: 312806

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

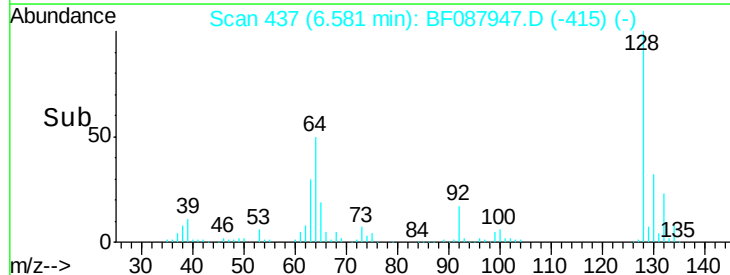
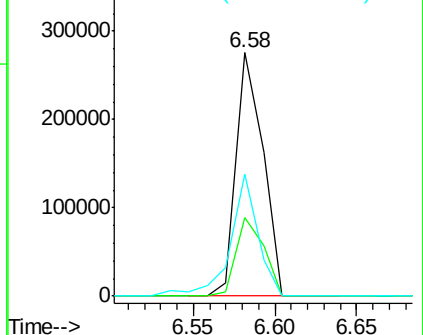
64 49.9 30.8 70.8

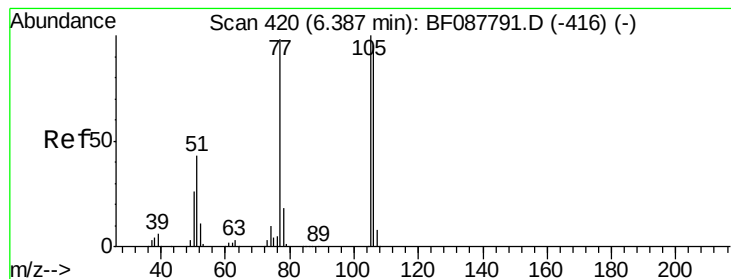


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.06 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

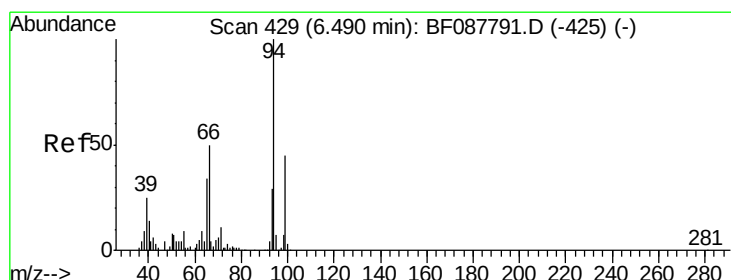
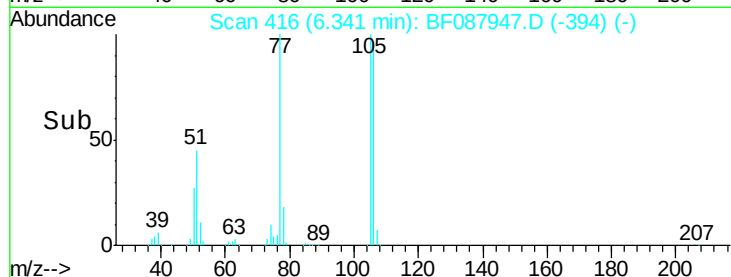
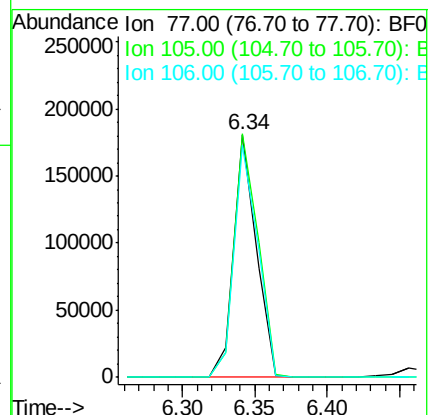
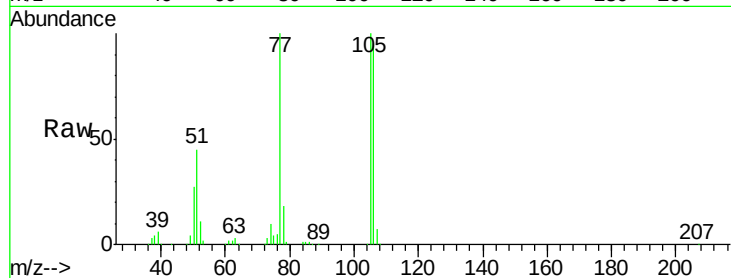
Tgt Ion: 77 Resp: 197261

Ion Ratio Lower Upper

77 100

105 100.2 90.6 130.6

106 95.3 85.3 125.3



#10

Phenol

Concen: 49.31 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

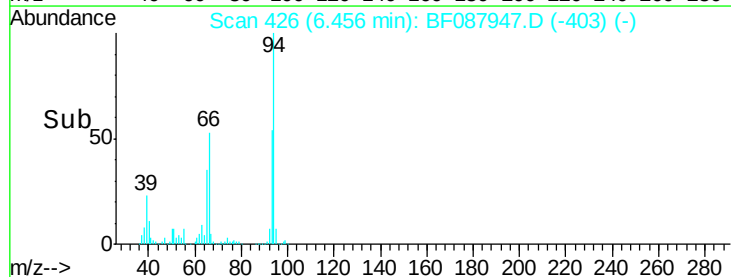
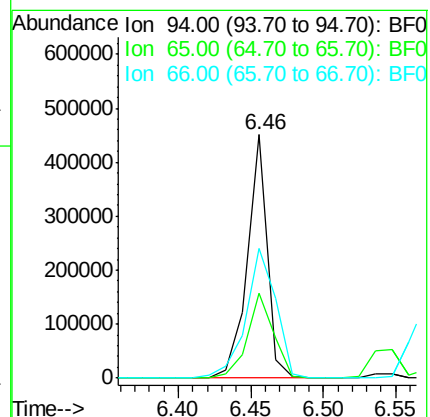
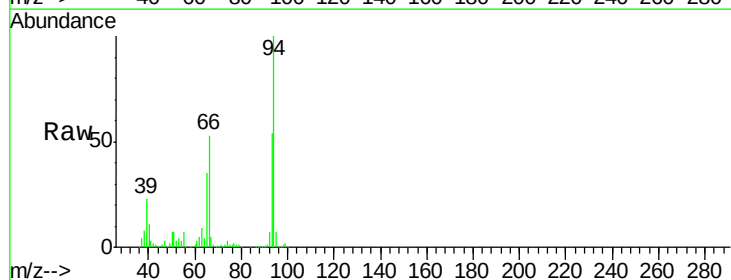
Tgt Ion: 94 Resp: 429100

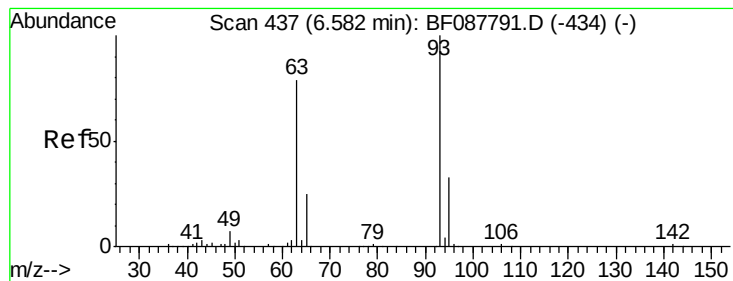
Ion Ratio Lower Upper

94 100

65 35.0 5.9 45.9

66 53.0 14.0 54.0





#11

bis(2-Chloroethyl)ether

Concen: 41.42 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

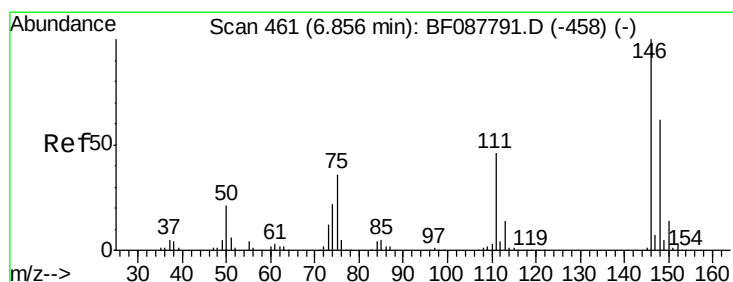
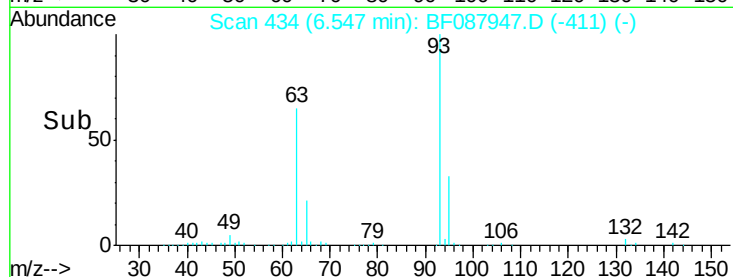
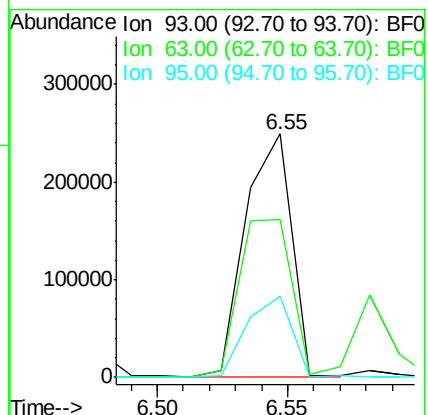
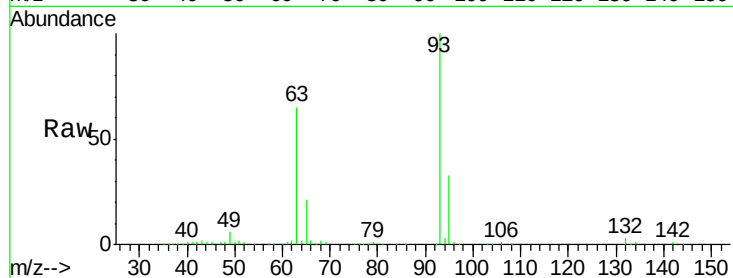
Tgt Ion: 93 Resp: 307594

Ion Ratio Lower Upper

93 100

63 64.8 67.6 107.6#

95 33.1 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 39.33 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.05 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

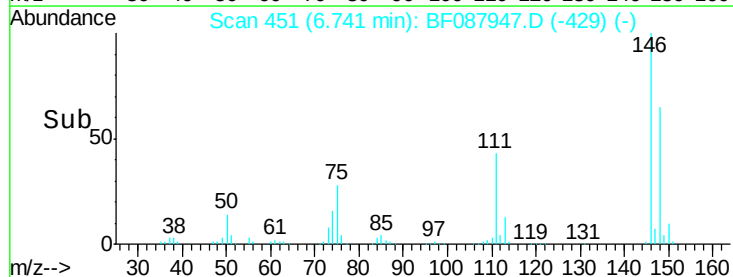
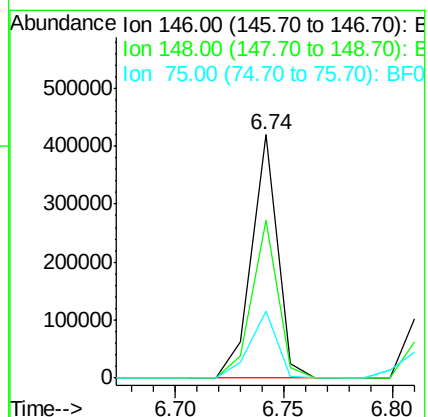
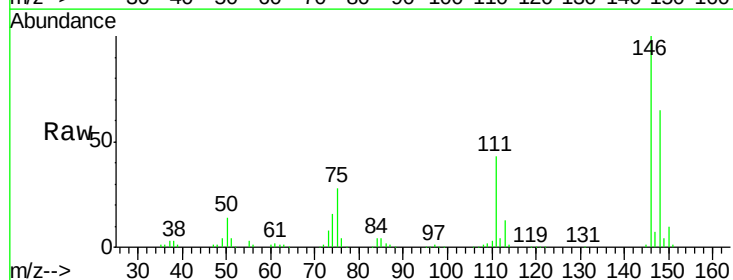
Tgt Ion: 146 Resp: 349049

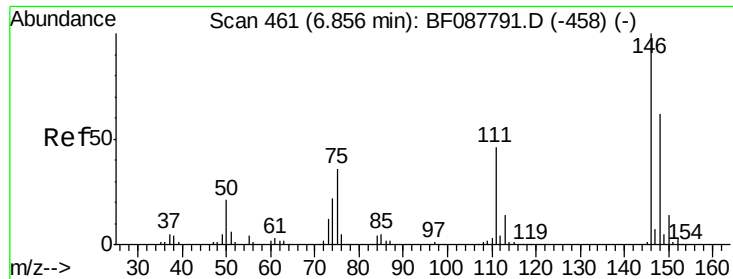
Ion Ratio Lower Upper

146 100

148 64.7 50.9 76.3

75 27.7 25.6 38.4

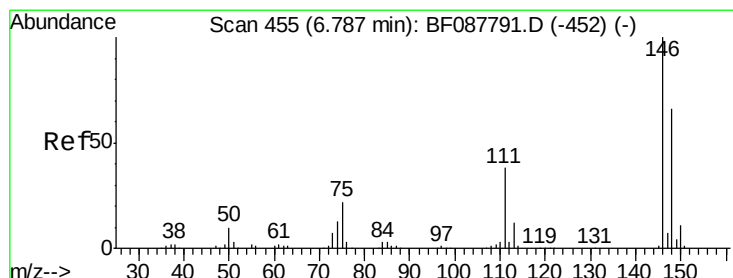
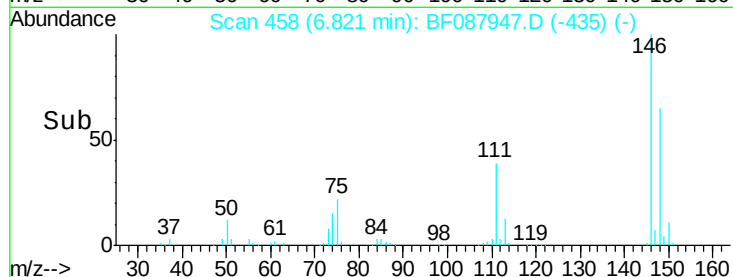
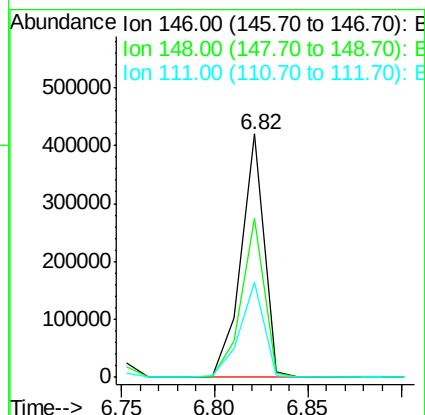
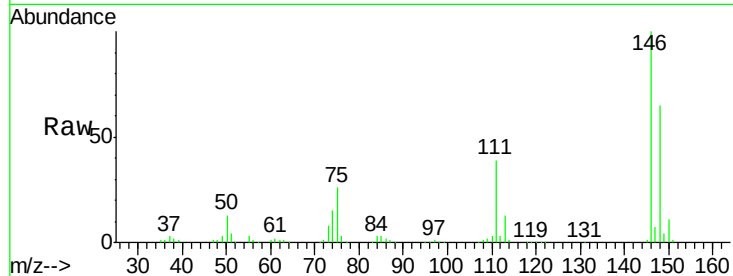




#13
 1,4-Dichlorobenzene
 Concen: 40.83 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

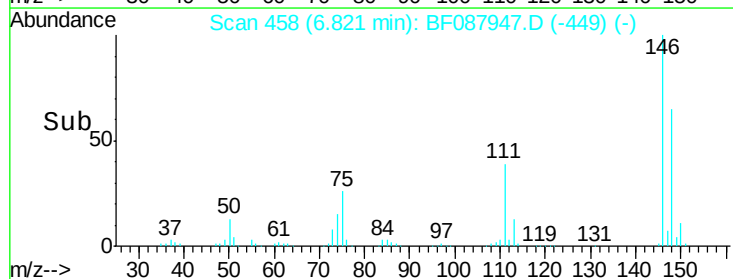
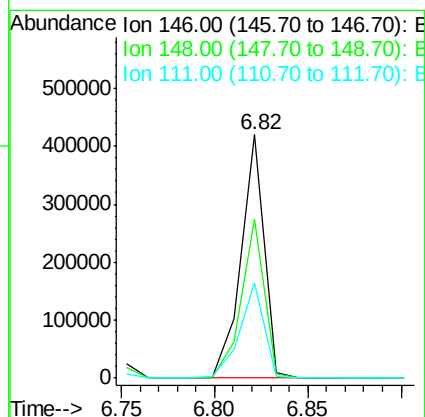
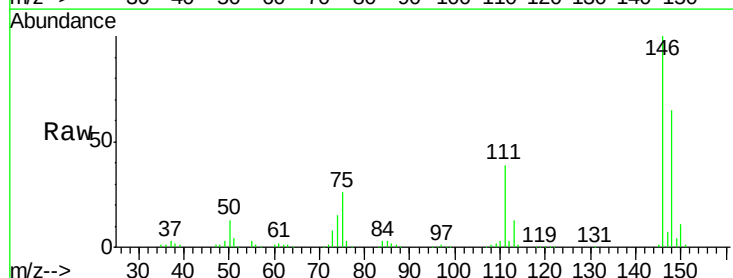
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

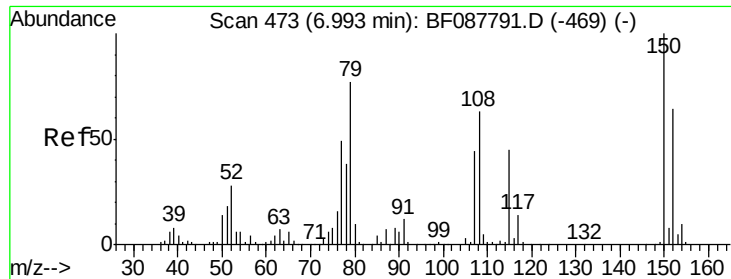
Tgt Ion:146 Resp: 365071
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.0 78.0
 111 39.1 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 44.90 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.19 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion:146 Resp: 365071
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.3 78.5
 111 39.1 28.7 43.1

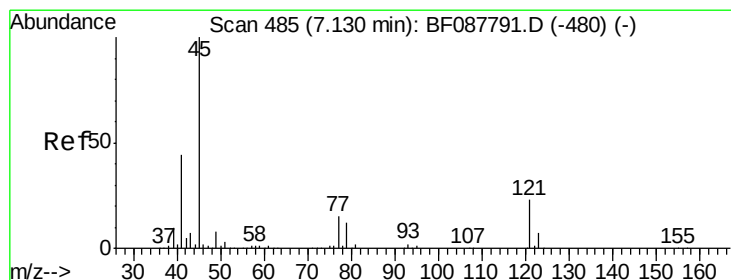
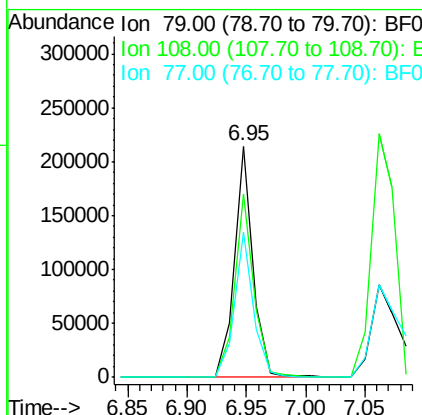
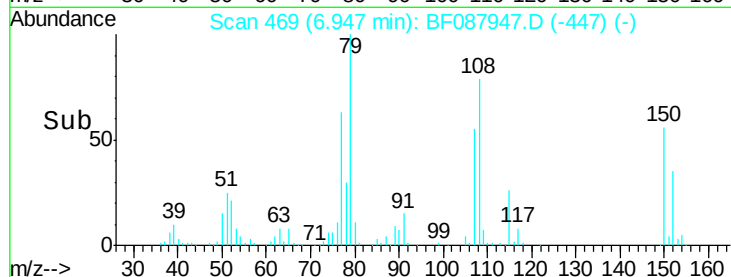
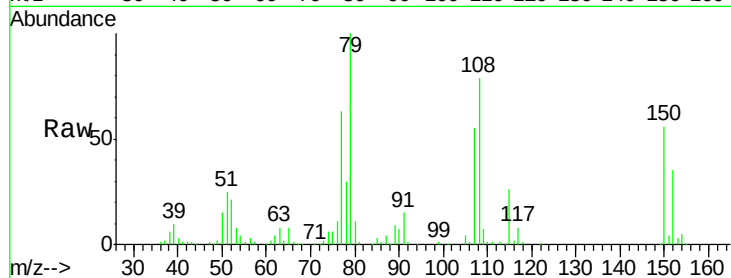




#15
Benzyl Alcohol
Concen: 35.17 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

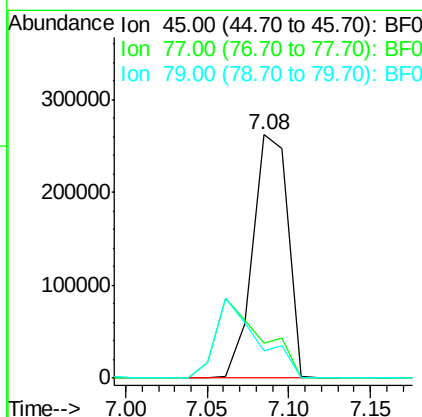
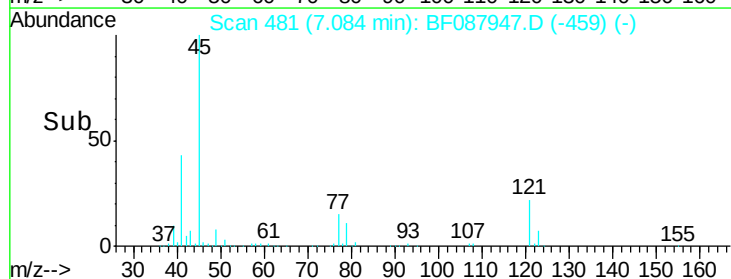
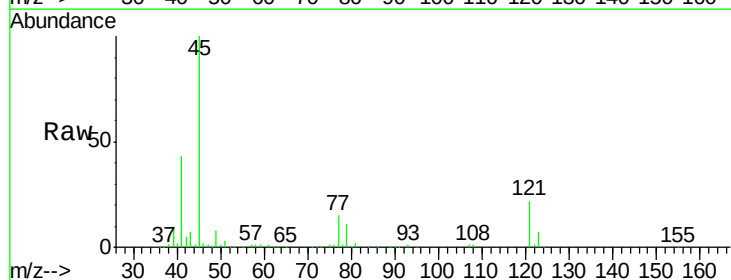
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

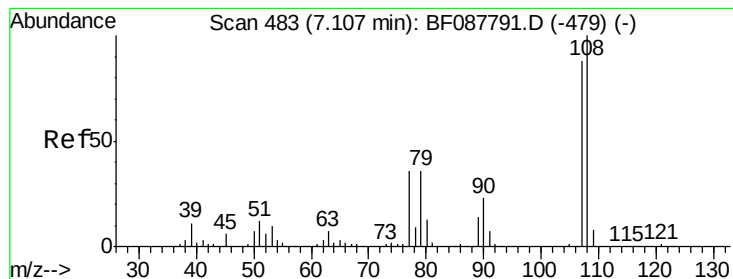
Tgt Ion: 79 Resp: 233070
Ion Ratio Lower Upper
79 100
108 79.3 65.0 97.6
77 62.6 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.98 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.05 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Tgt Ion: 45 Resp: 391072
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.5
79 11.2 0.0 29.5





#17

2-Methylphenol

Concen: 40.61 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 272391

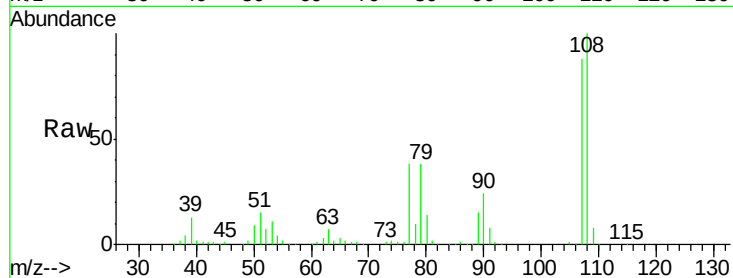
Ion Ratio Lower Upper

107 100

108 113.8 90.9 136.3

77 43.5 36.6 55.0

79 43.3 36.5 54.7

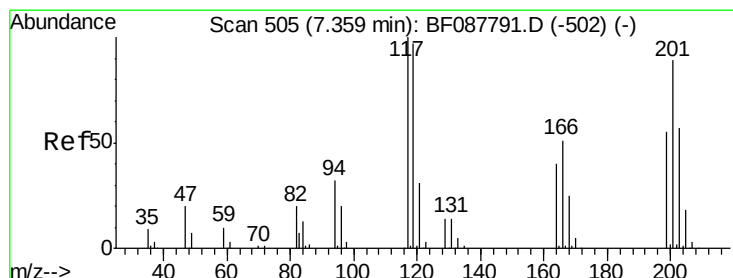
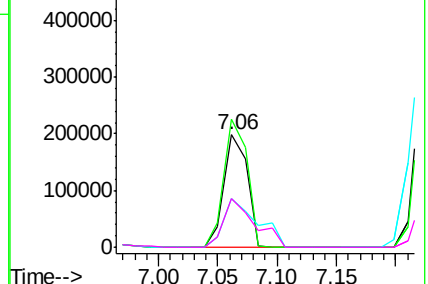
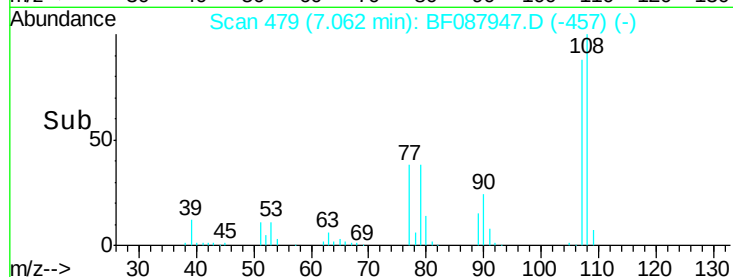


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.10 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.05 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

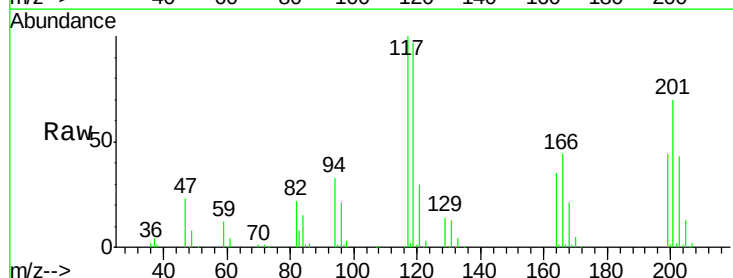
Tgt Ion:117 Resp: 120884

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.2

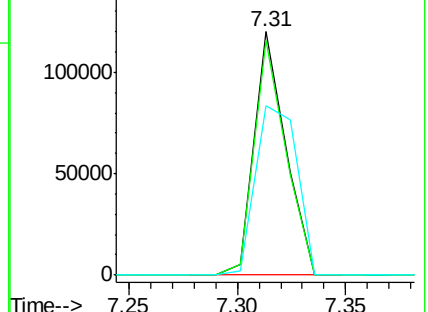
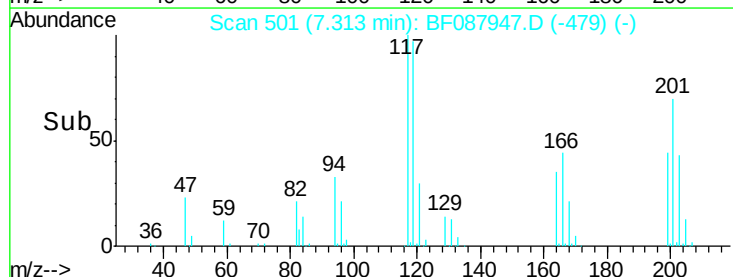
201 69.6 80.4 120.6#

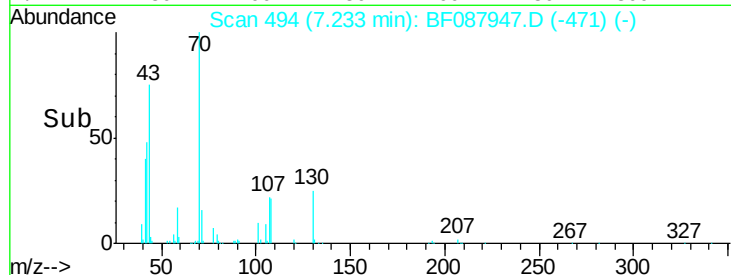
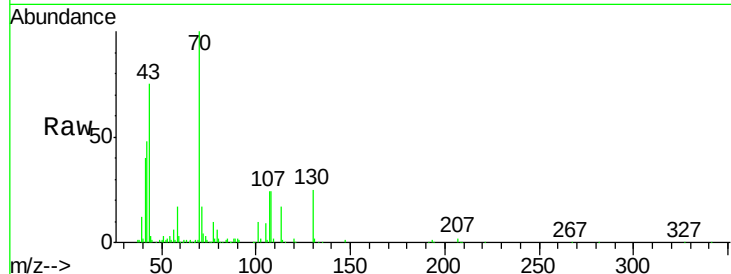
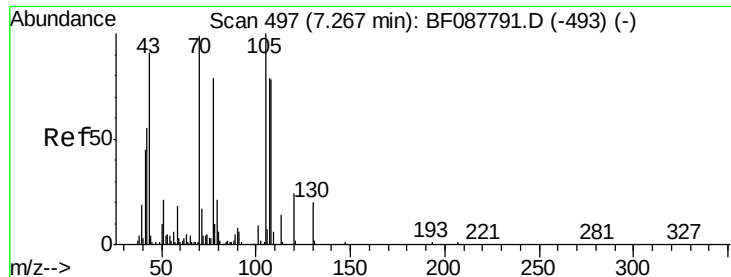


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

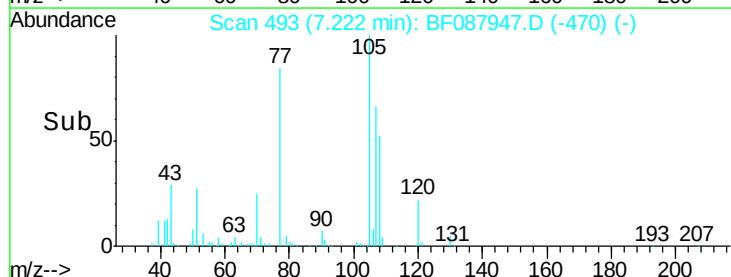
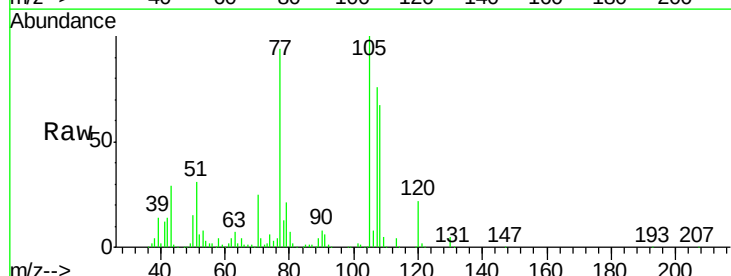
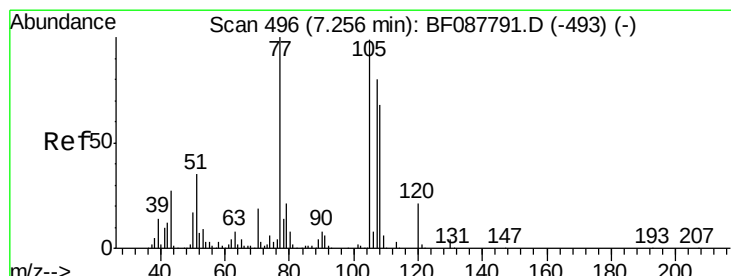
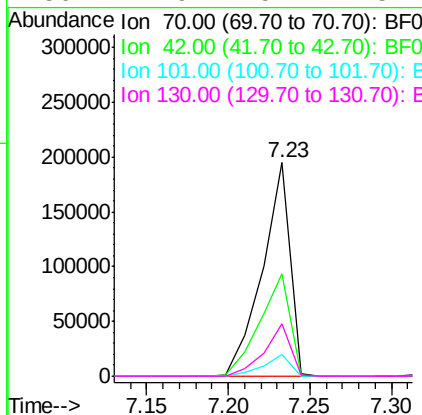




#19
n-Nitroso-di-n-propylamine
Concen: 42.57 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.03 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

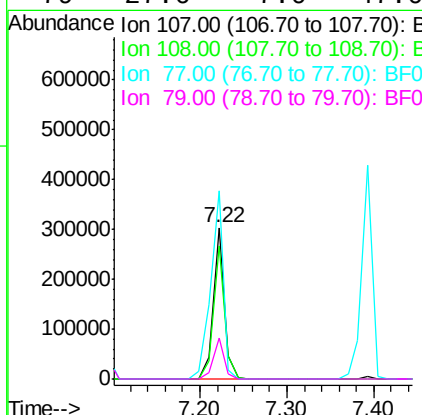
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

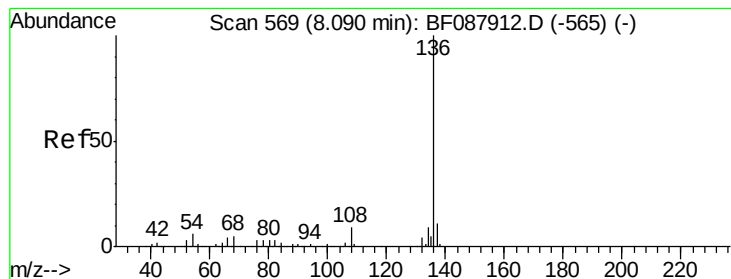
Tgt Ion:	70	Resp:	230645
Ion	Ratio	Lower	Upper
70	100		
42	48.2	49.6	74.4#
101	10.1	7.1	10.7
130	24.9	15.4	23.2#



#20
3+4-Methylphenols
Concen: 35.20 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Tgt Ion:	107	Resp:	275502
Ion	Ratio	Lower	Upper
107	100		
108	88.6	67.8	107.8
77	124.2	59.3	99.3#
79	27.6	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 484414

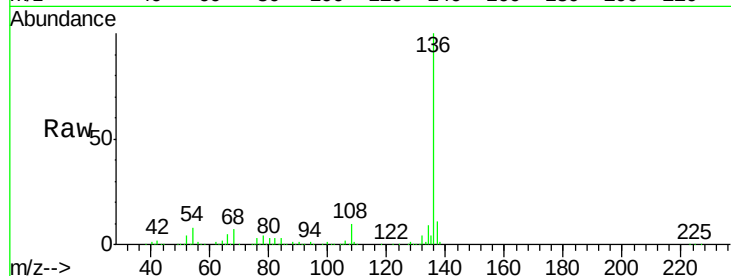
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.1 6.6 10.0

68 6.6 5.1 7.7



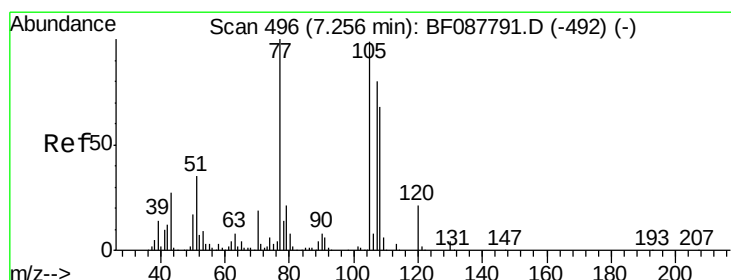
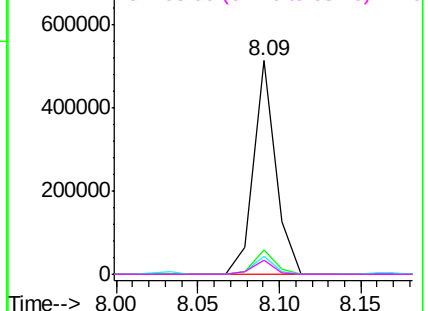
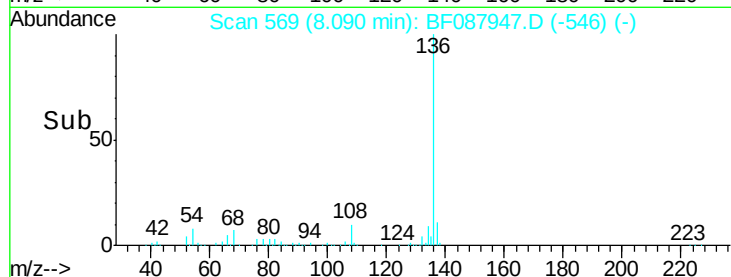
Abundance Ion 136.00 (135.70 to 136.70): E

800000

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: 38.44 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Tgt Ion:105 Resp: 416176

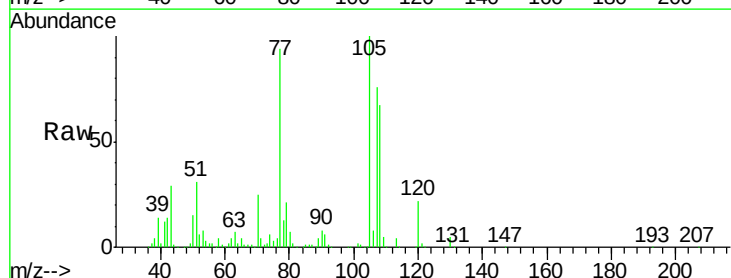
Ion Ratio Lower Upper

105 100

71 4.3 5.3 7.9#

51 30.8 18.2 27.4#

120 22.3 18.0 27.0



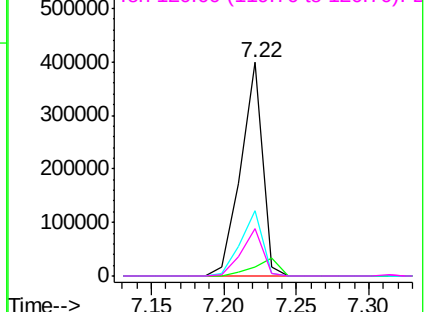
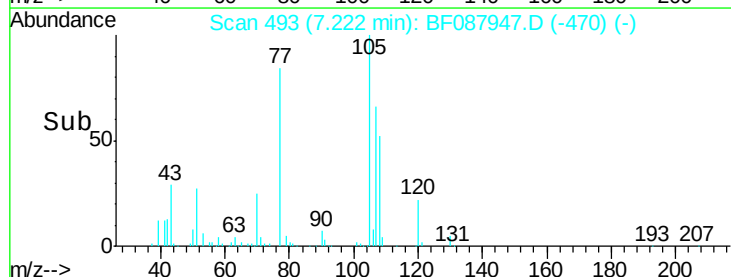
Abundance Ion 105.00 (104.70 to 105.70): E

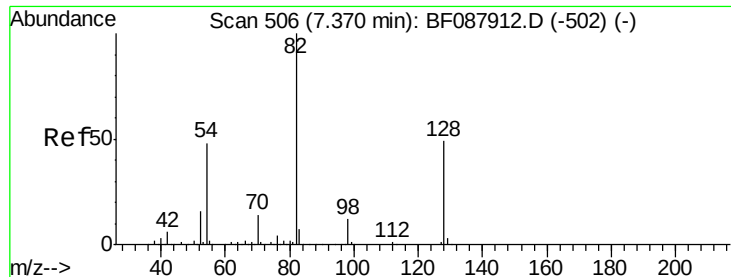
600000

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

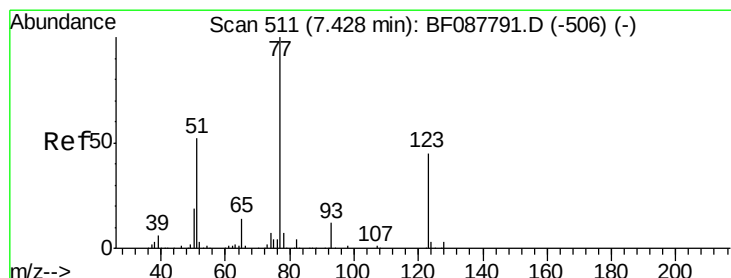
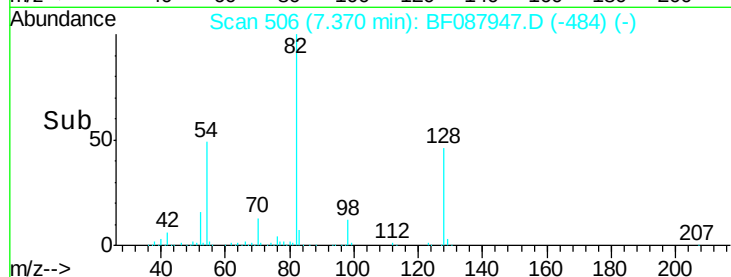
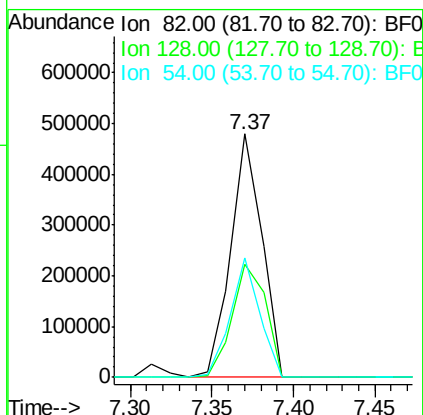
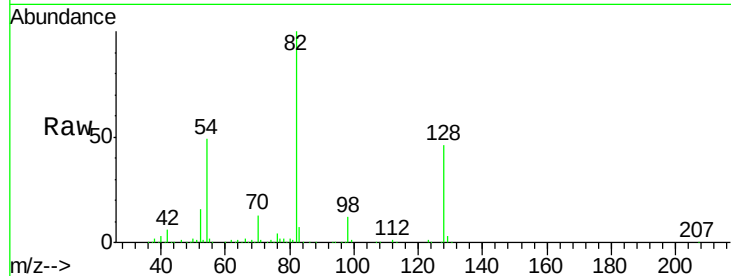




#23
 Nitrobenzene-d5
 Concen: 76.05 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

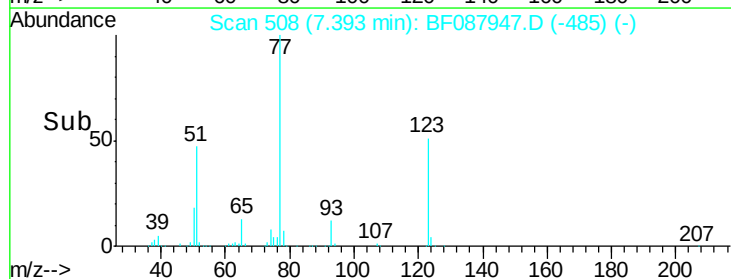
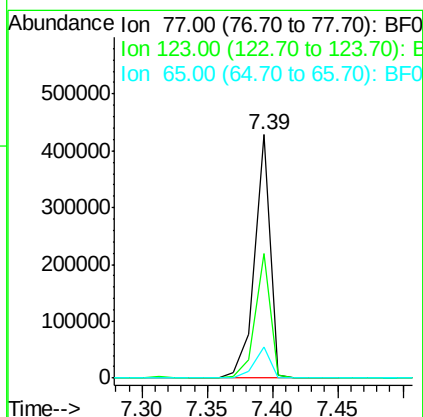
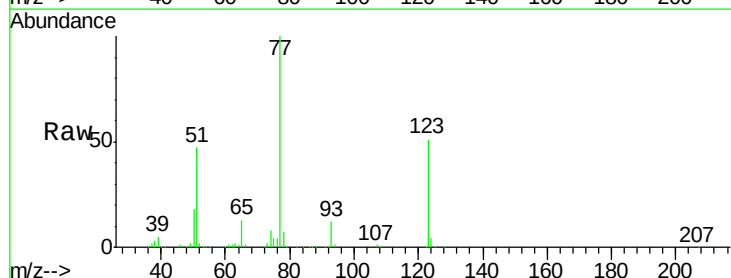
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

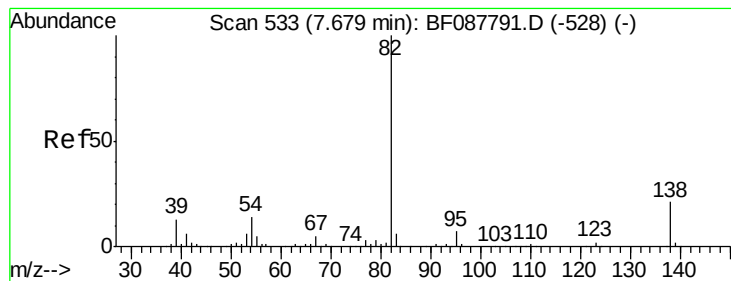
Tgt Ion: 82 Resp: 630882
 Ion Ratio Lower Upper
 82 100
 128 46.4 35.9 53.9
 54 48.9 40.9 61.3



#24
 Nitrobenzene
 Concen: 44.54 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion: 77 Resp: 357894
 Ion Ratio Lower Upper
 77 100
 123 51.0 45.0 67.4
 65 13.0 10.2 15.2





#25

Isophorone

Concen: 39.03 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

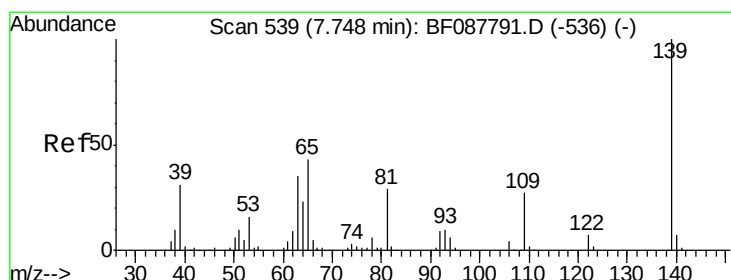
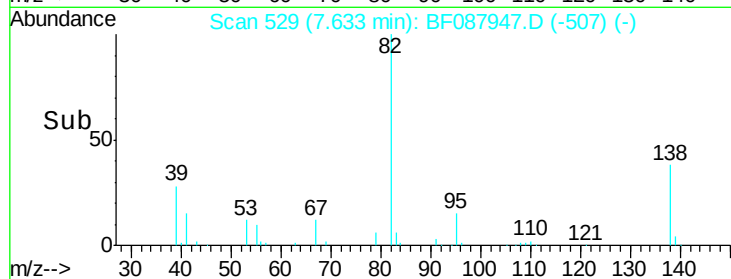
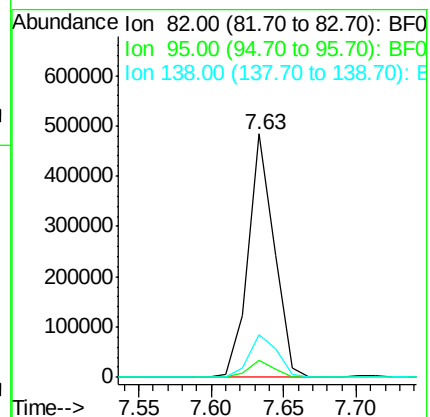
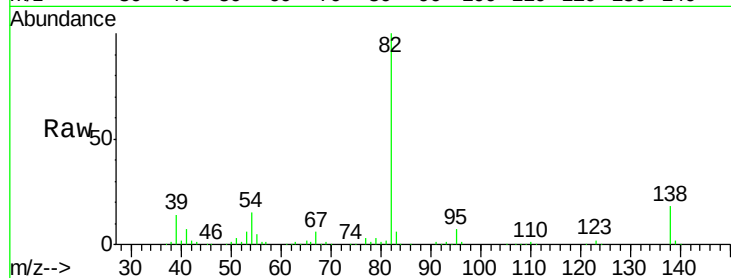
Tgt Ion: 82 Resp: 599738

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 17.6 14.6 21.8



#26

2-Nitrophenol

Concen: 43.66 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

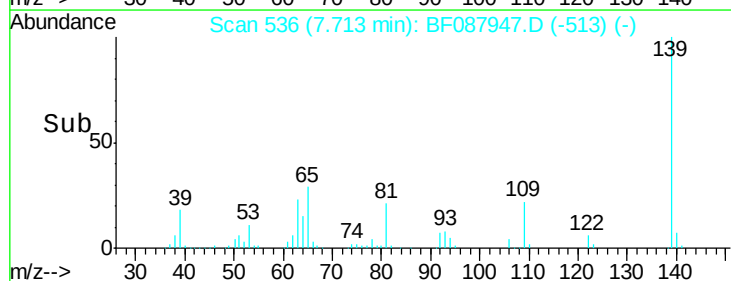
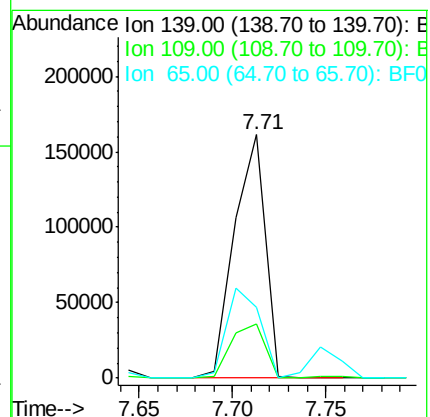
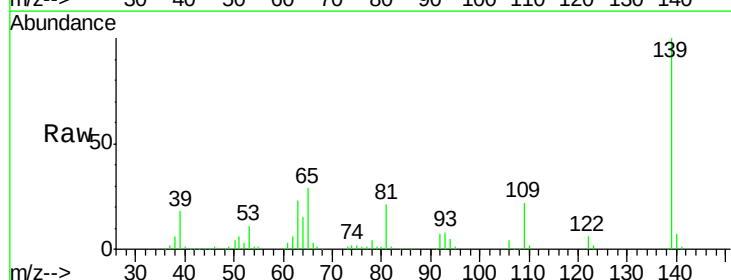
Tgt Ion: 139 Resp: 187932

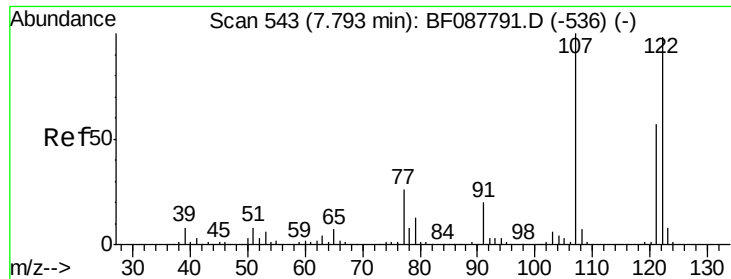
Ion Ratio Lower Upper

139 100

109 22.2 23.0 34.4#

65 29.3 45.8 68.8#

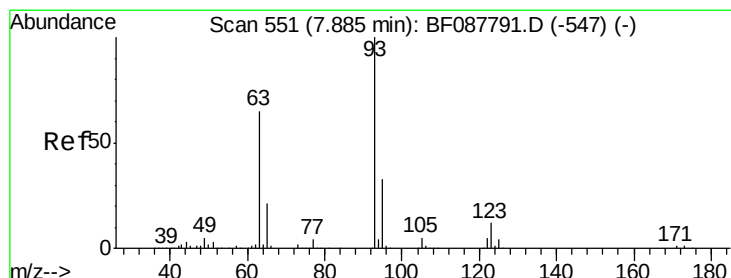
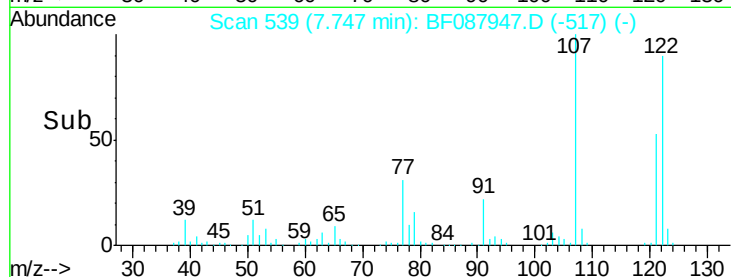
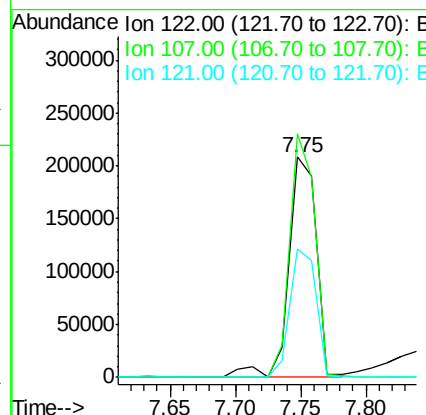
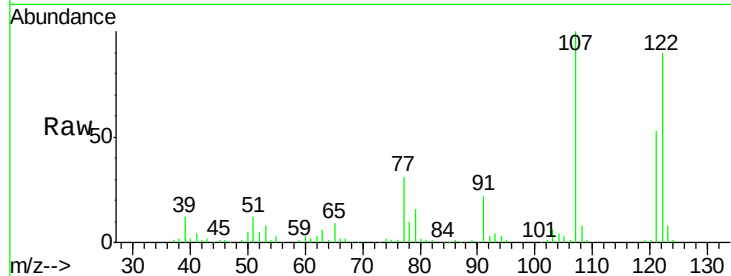




#27
 2,4-Dimethylphenol
 Concen: 38.96 ng
 RT: 7.75 min Scan# 539
 Delta R.T. -0.05 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

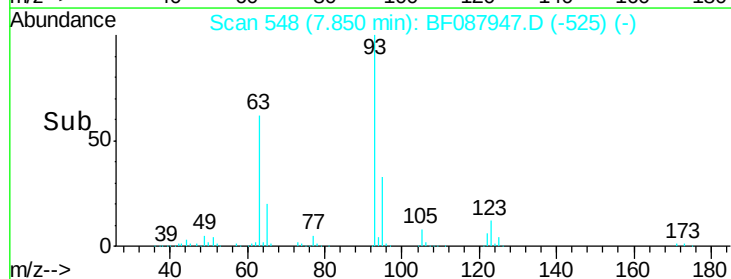
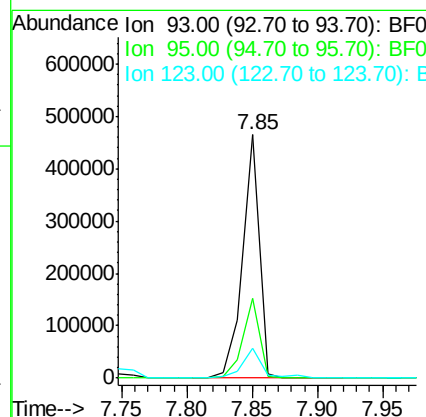
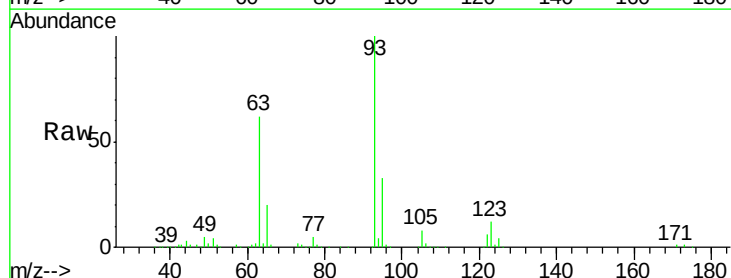
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

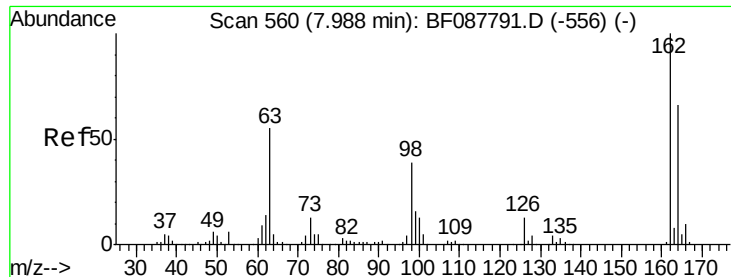
Tgt Ion:122 Resp: 308740
 Ion Ratio Lower Upper
 122 100
 107 110.6 82.4 123.6
 121 58.3 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.93 ng
 RT: 7.85 min Scan# 548
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion: 93 Resp: 409100
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 12.0 11.6 17.4

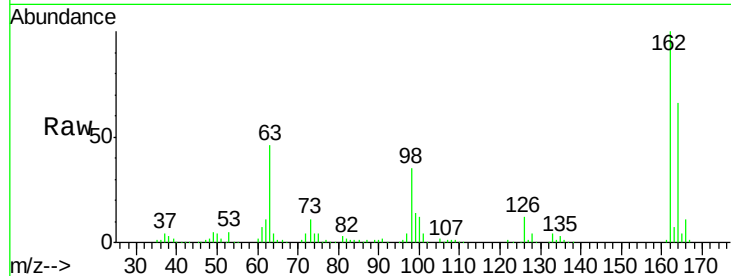




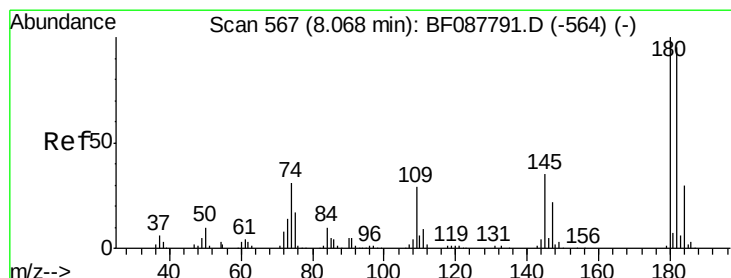
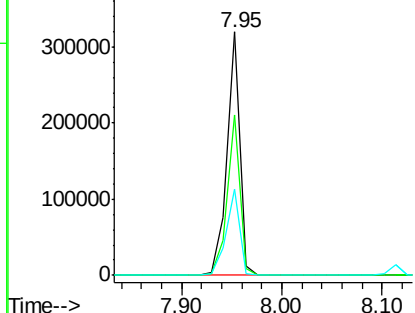
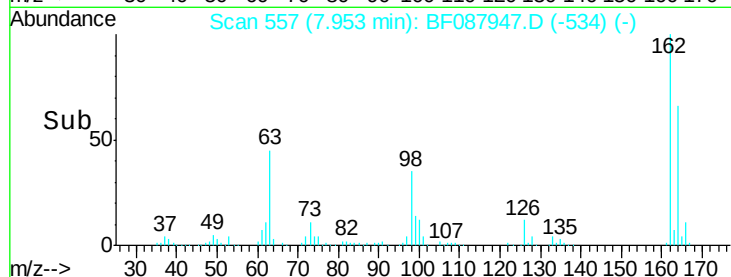
#29
 2,4-Dichlorophenol
 Concen: 42.98 ng
 RT: 7.95 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.7	43.8	83.8
98	35.2	21.3	61.3

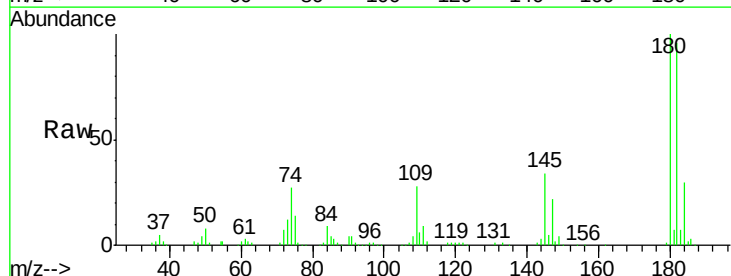


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

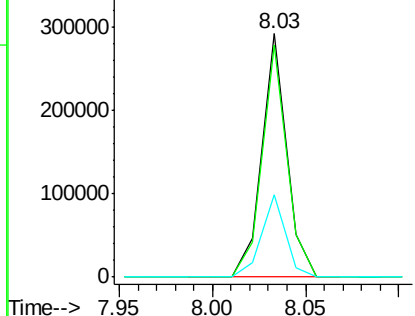
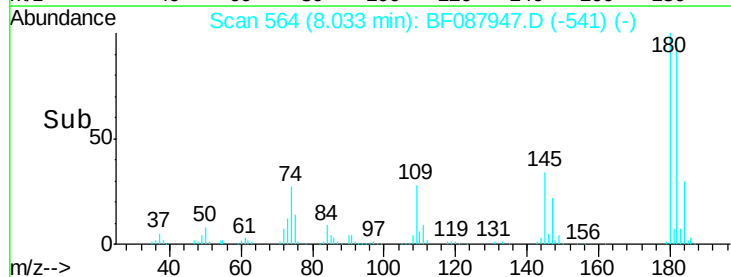


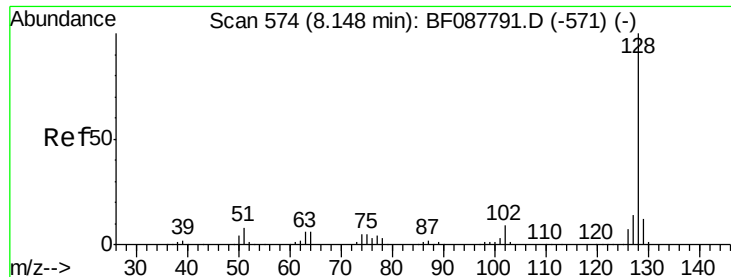
#30
 1,2,4-Trichlorobenzene
 Concen: 37.10 ng
 RT: 8.03 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.0	114.0
145	33.7	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

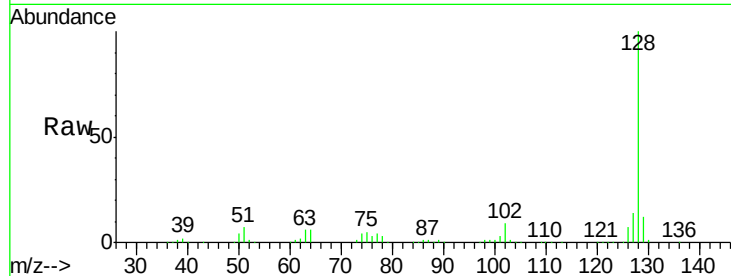




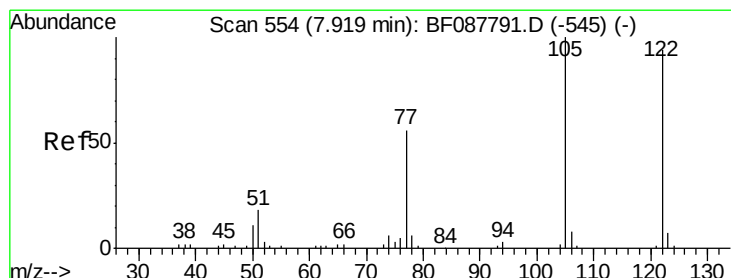
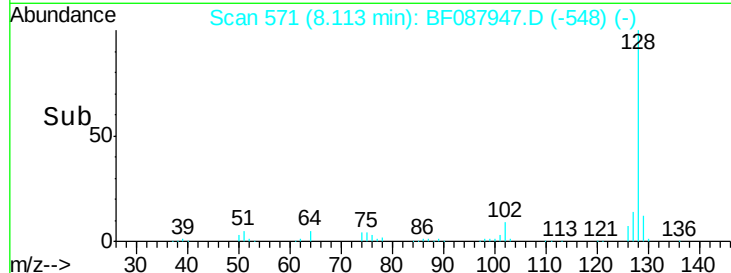
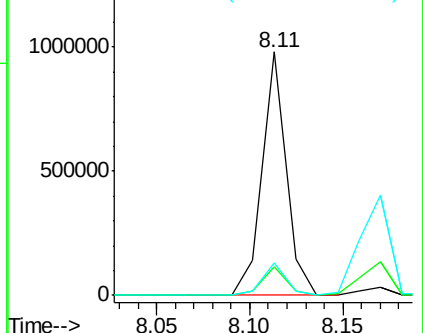
#31
Naphthalene
Concen: 36.51 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 875153
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.5 10.9 16.3

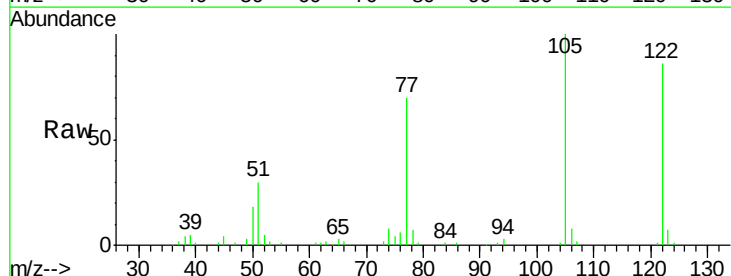


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

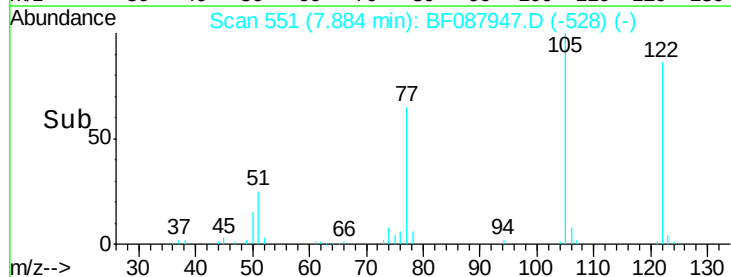
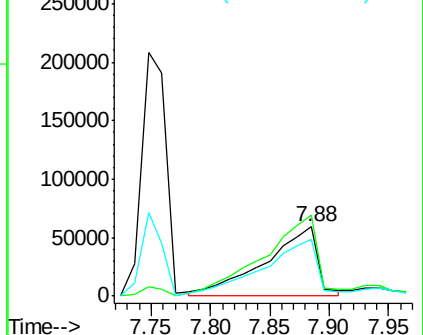


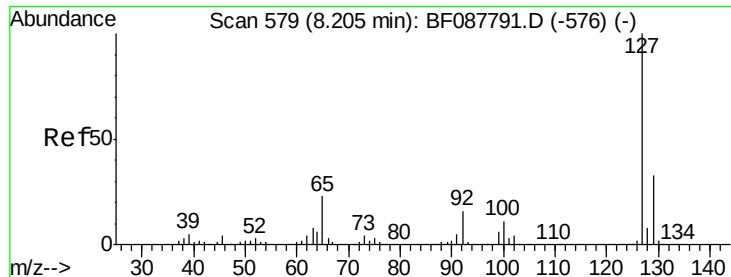
#32
Benzoic acid
Concen: 41.29 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Tgt Ion:122 Resp: 180202
Ion Ratio Lower Upper
122 100
105 116.3 101.6 141.6
77 81.6 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

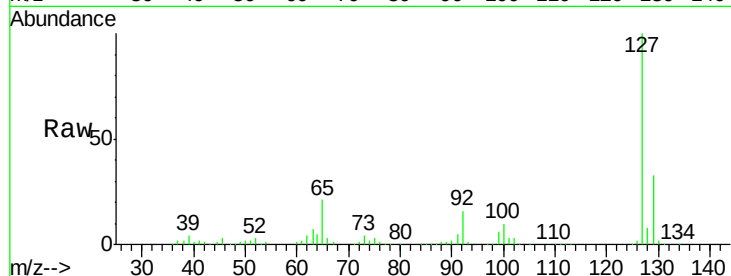




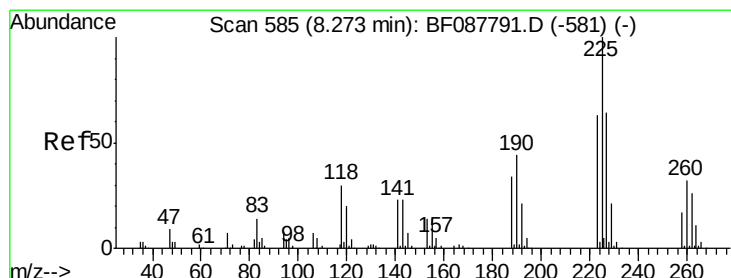
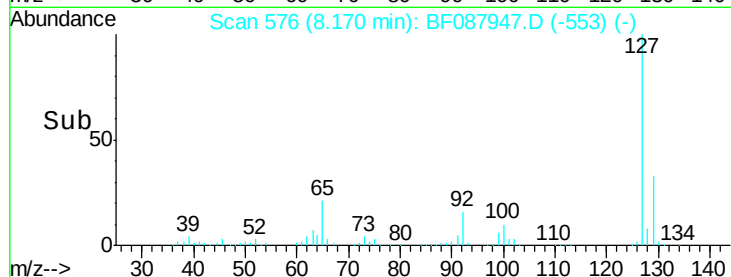
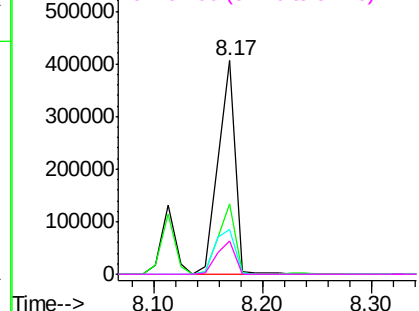
#33
4-Chloroaniline
Concen: 41.88 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	448308
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	20.8	24.7	37.1#
92	15.6	15.4	23.0

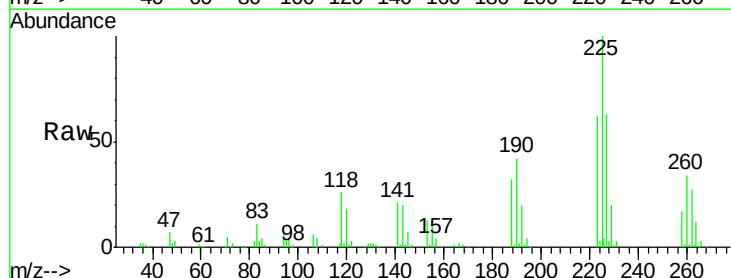


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

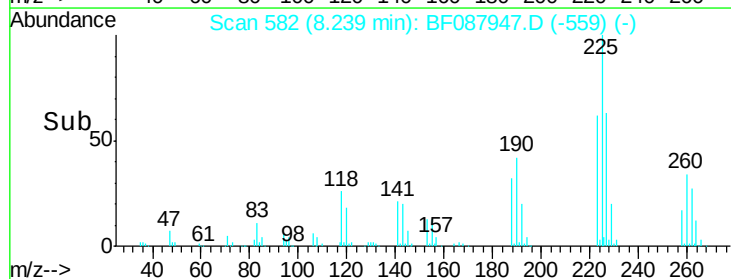
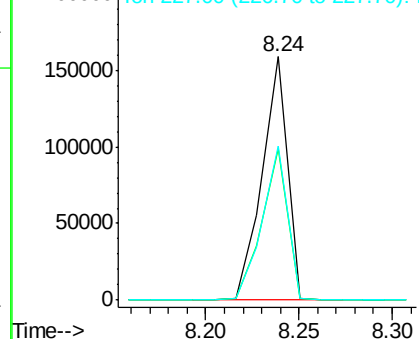


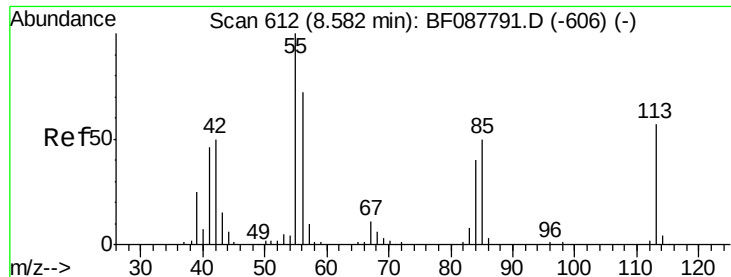
#34
Hexachlorobutadiene
Concen: 39.24 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Tgt Ion:	225	Resp:	149119
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.9	76.3
227	63.3	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

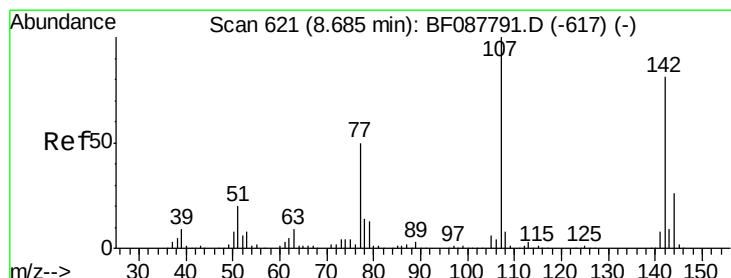
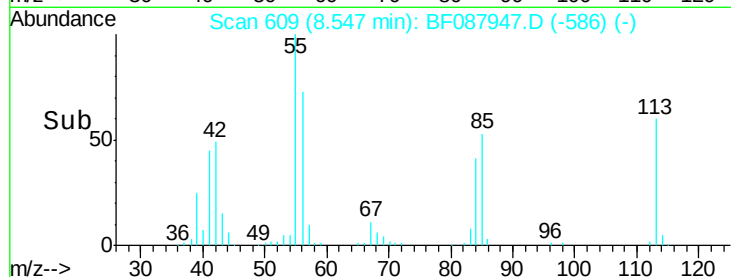
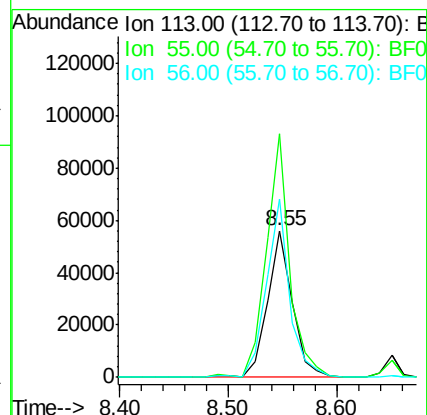
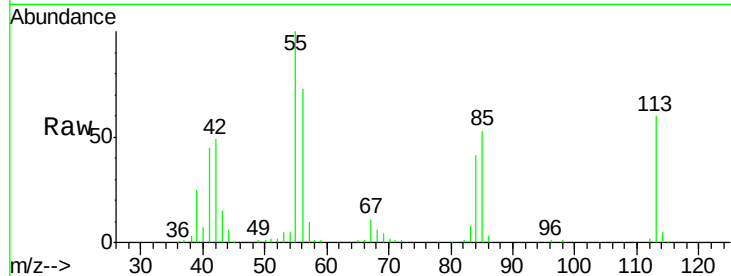




#35
 Caprolactam
 Concen: 40.98 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

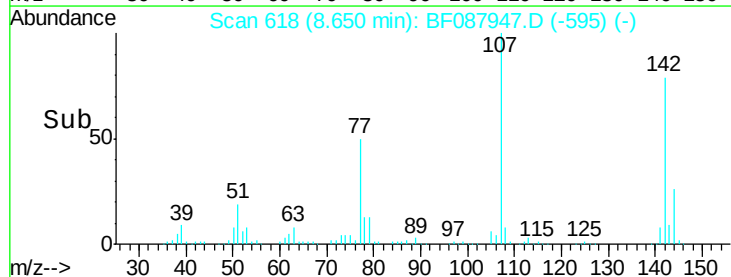
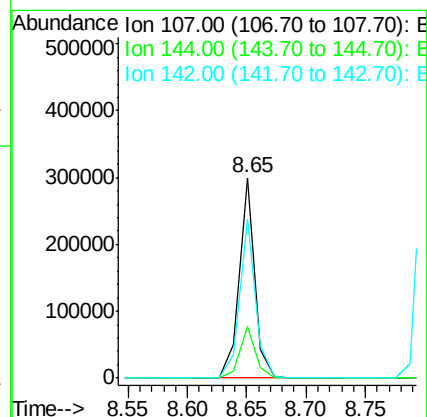
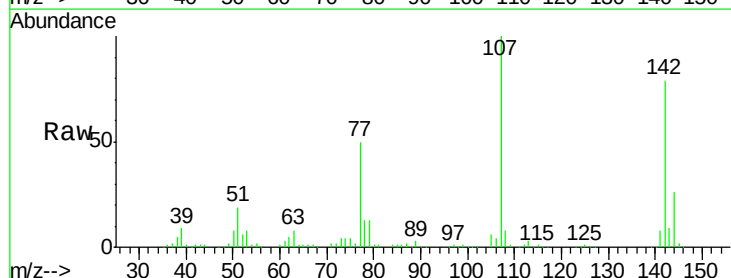
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

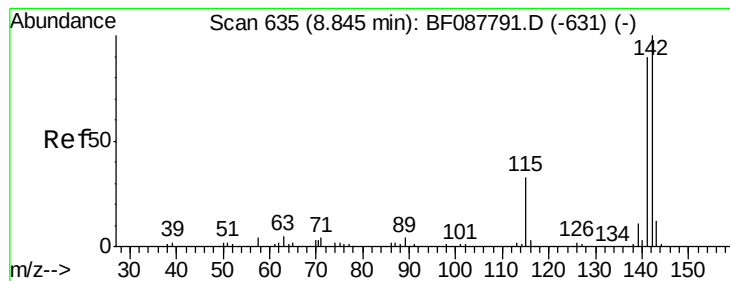
Tgt Ion:113 Resp: 89813
 Ion Ratio Lower Upper
 113 100
 55 166.3 158.6 198.6
 56 121.5 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.66 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion:107 Resp: 273552
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.8 31.2
 142 79.1 63.4 95.2





#37

2-Methylnaphthalene

Concen: 40.75 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

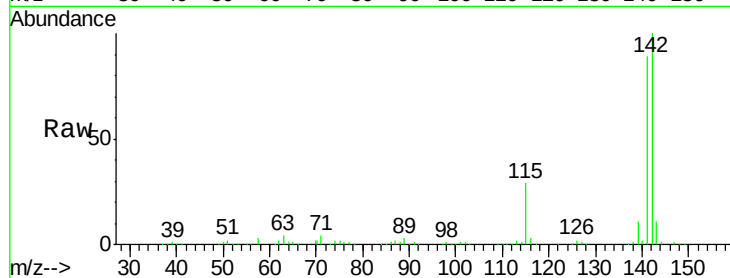
Tgt Ion:142 Resp: 643844

Ion Ratio Lower Upper

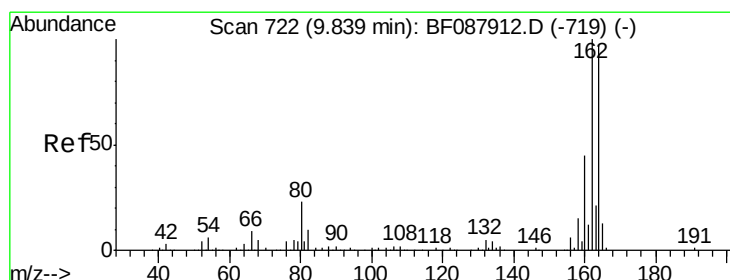
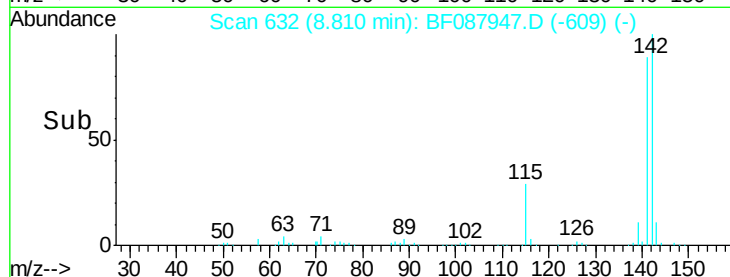
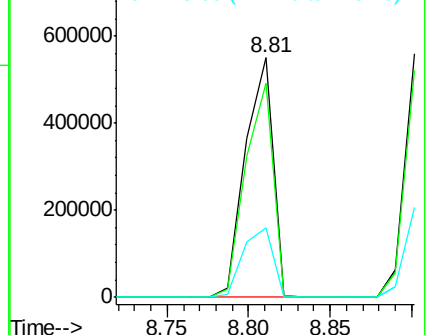
142 100

141 89.3 71.0 106.6

115 29.1 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: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

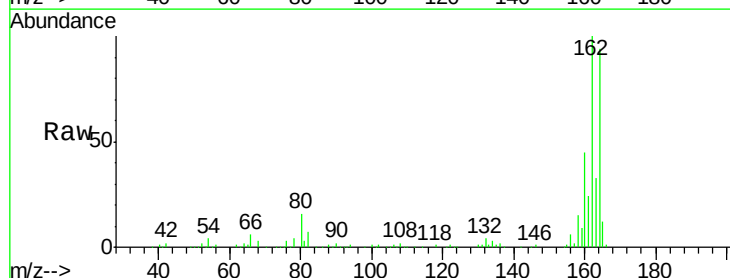
Tgt Ion:164 Resp: 242867

Ion Ratio Lower Upper

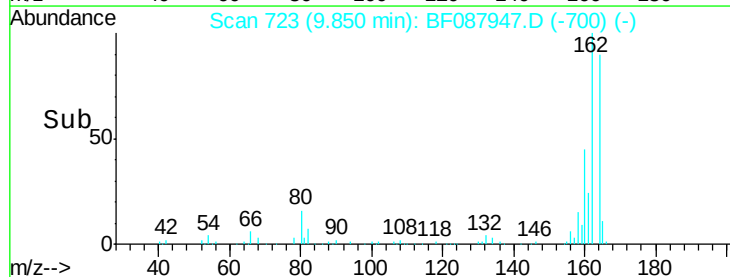
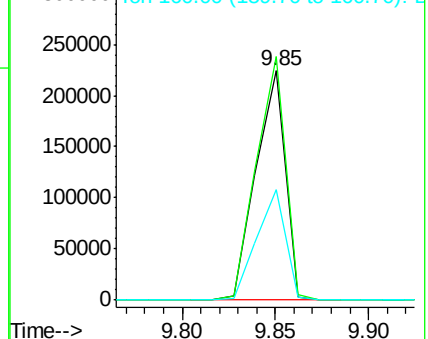
164 100

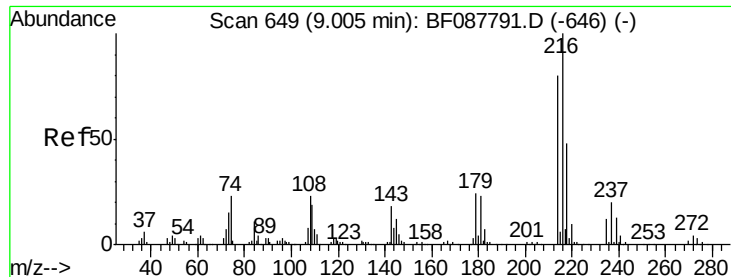
162 106.1 85.4 128.2

160 47.9 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

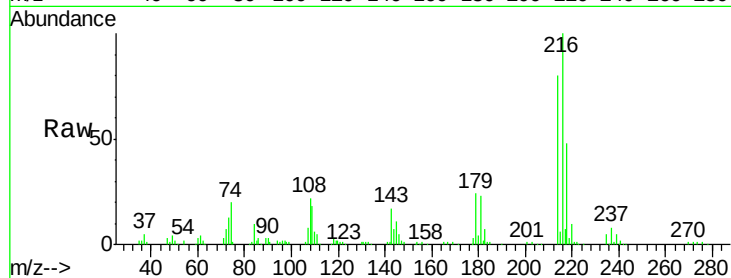




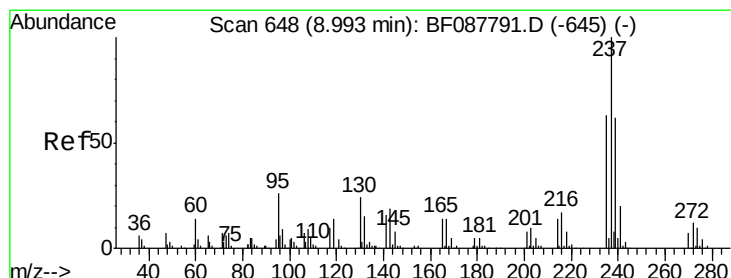
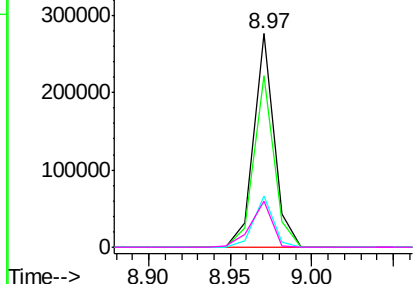
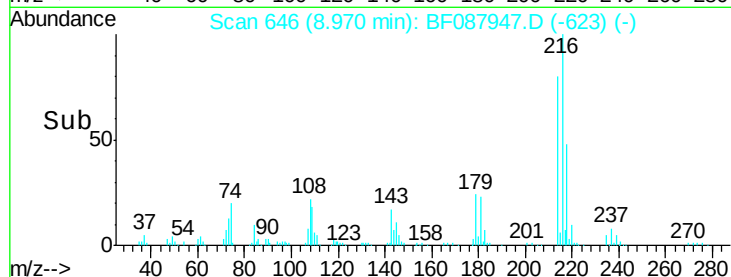
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.52 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	216	Resp:	240819
Ion	Ratio	Lower	Upper
216	100		
214	79.8	2.9	4.3#
179	23.1	0.0	0.0#
108	22.4	0.5	0.7#

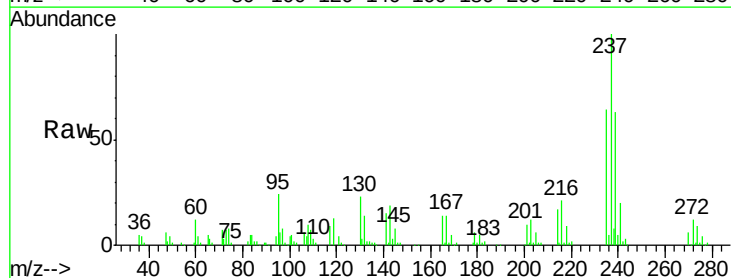


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

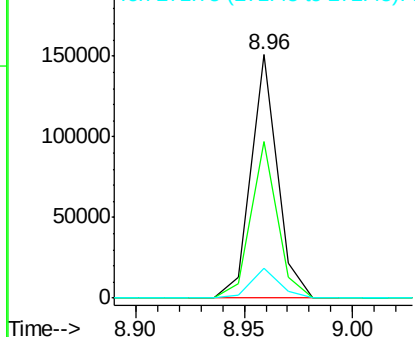
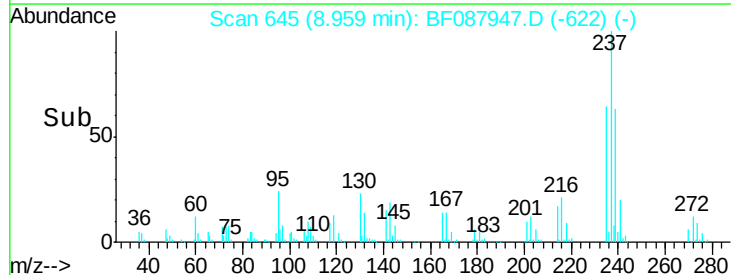


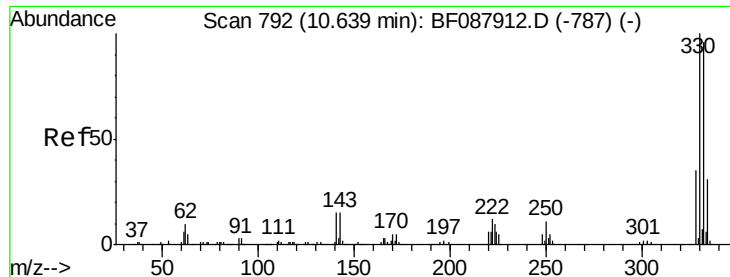
#40
 Hexachlorocyclopentadiene
 Concen: 32.50 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion:	237	Resp:	127310
Ion	Ratio	Lower	Upper
237	100		
235	64.2	43.4	83.4
272	12.1	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

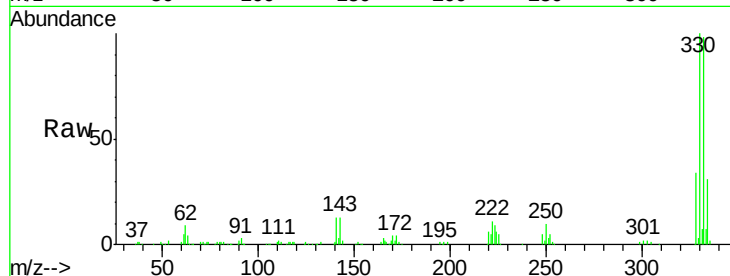




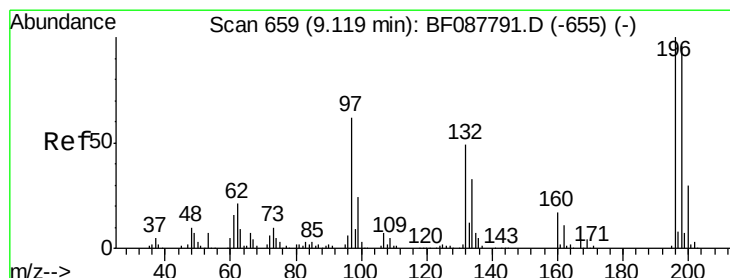
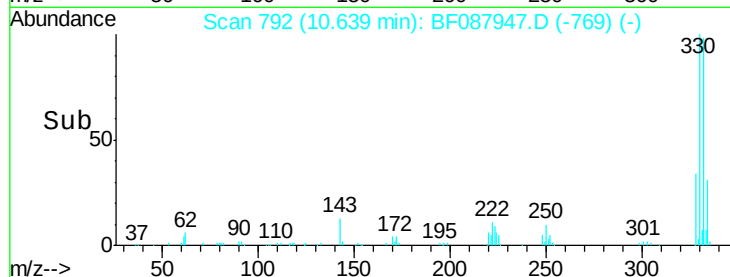
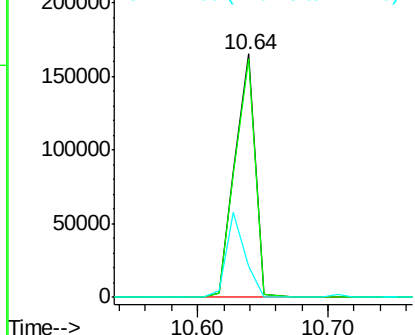
#41
 2,4,6-Tribromophenol
 Concen: 68.98 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 176897
 Ion Ratio Lower Upper
 330 100
 332 98.0 0.0 0.0#
 141 32.6 0.0 0.0#

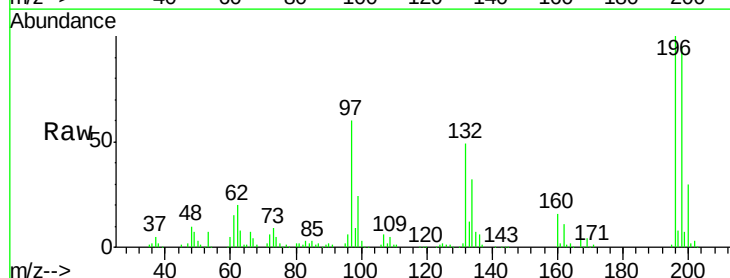


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

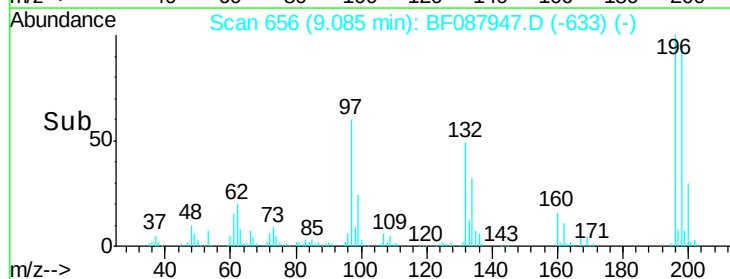
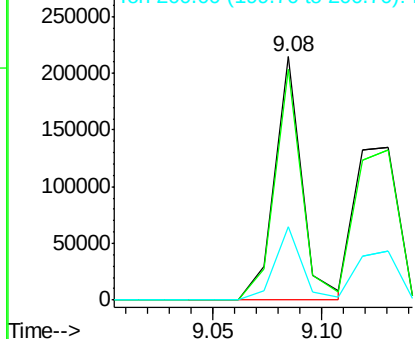


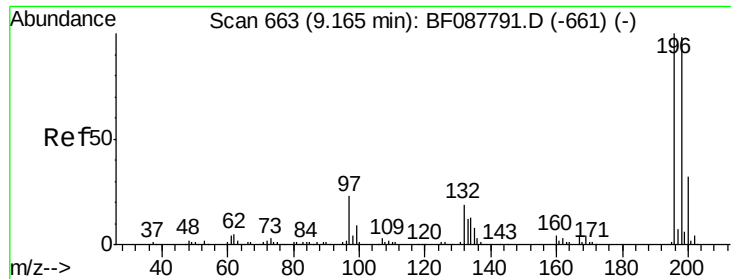
#42
 2,4,6-Trichlorophenol
 Concen: 38.85 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion:196 Resp: 188689
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.0 117.0
 200 30.1 25.4 38.2



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

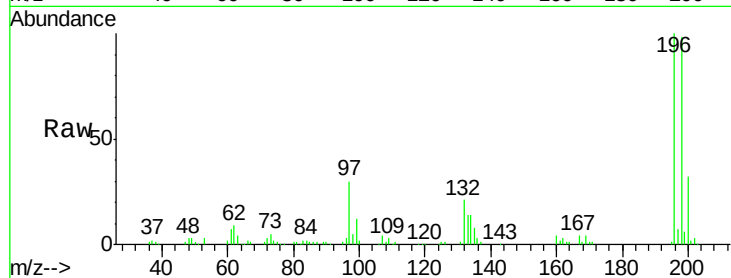




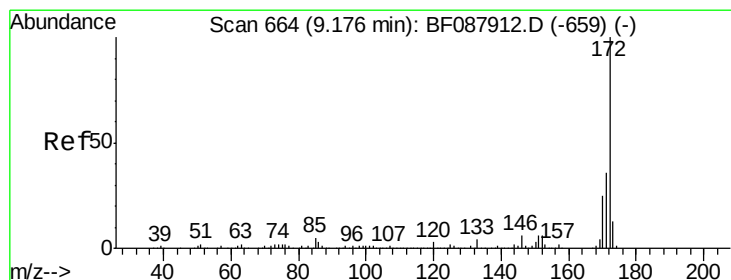
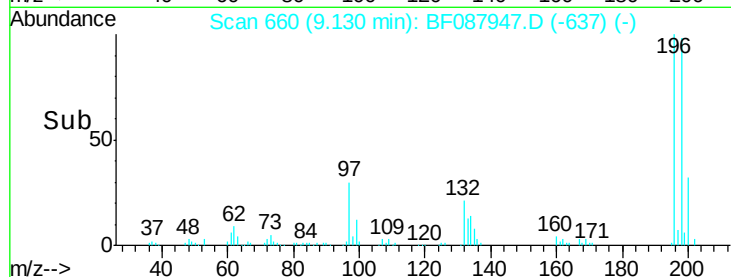
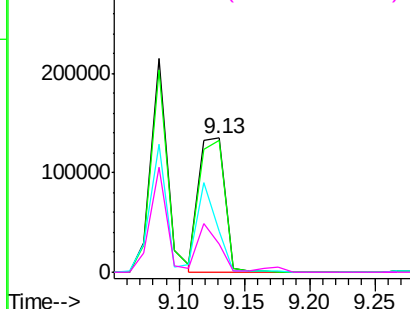
#43
 2,4,5-Trichlorophenol
 Concen: 37.24 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 188194
 Ion Ratio Lower Upper
 196 100
 198 98.0 77.5 116.3
 97 30.3 32.0 48.0#
 132 21.1 20.9 31.3

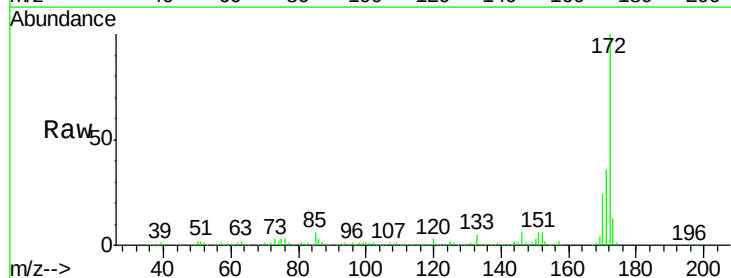


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

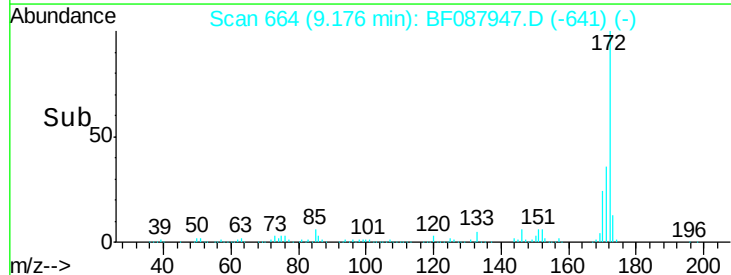
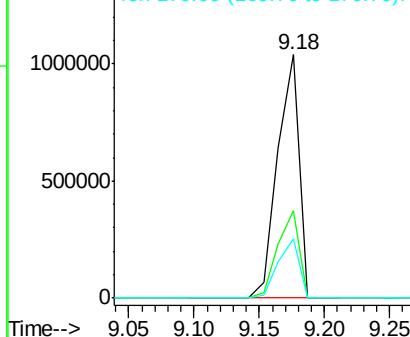


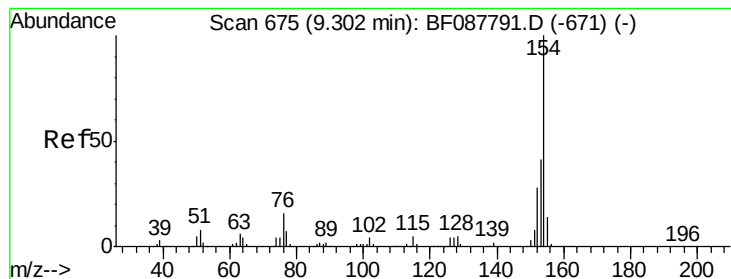
#44
 2-Fluorobiphenyl
 Concen: 77.31 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion:172 Resp: 1202997
 Ion Ratio Lower Upper
 172 100
 171 36.0 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: 36.78 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

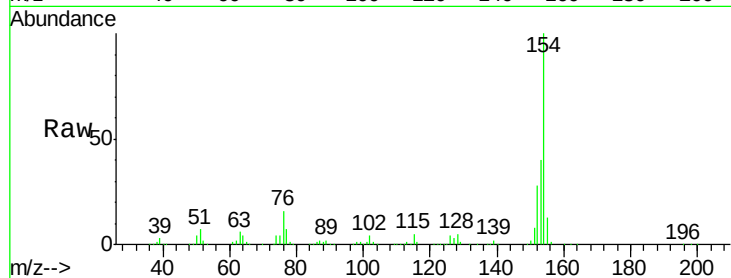
Tgt Ion:154 Resp: 691092

Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

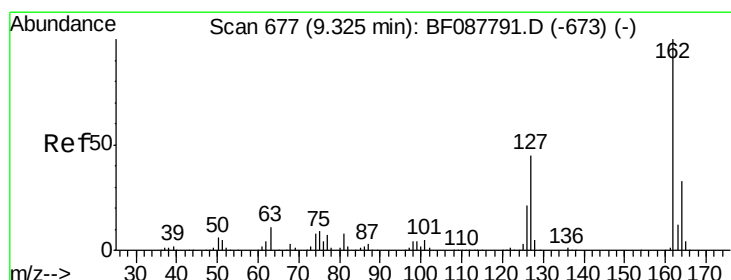
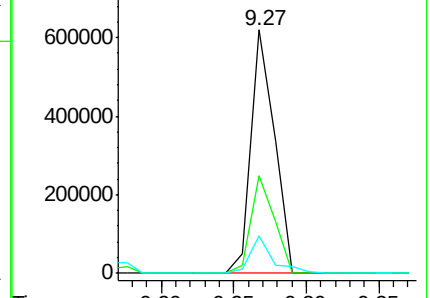
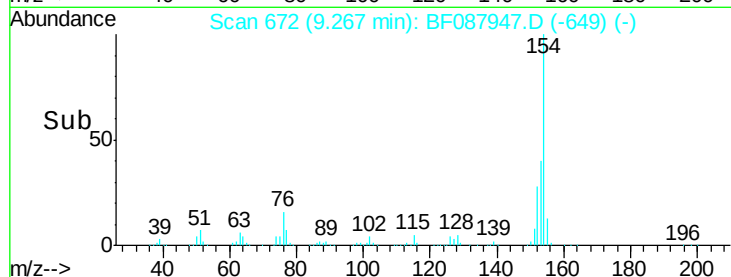
76 15.6 0.0 35.1



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: 35.15 ng

RT: 9.29 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

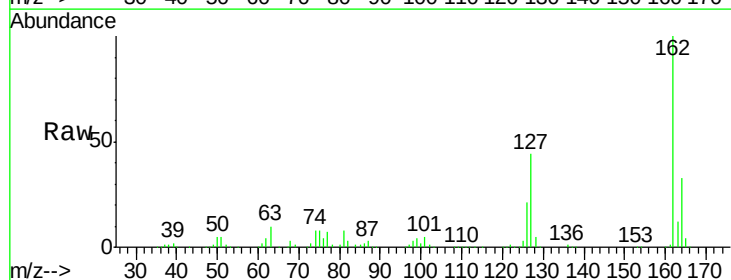
Tgt Ion:162 Resp: 552409

Ion Ratio Lower Upper

162 100

127 44.0 35.2 52.8

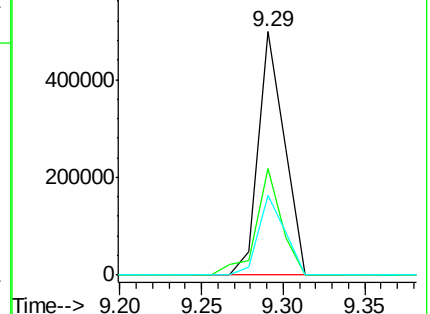
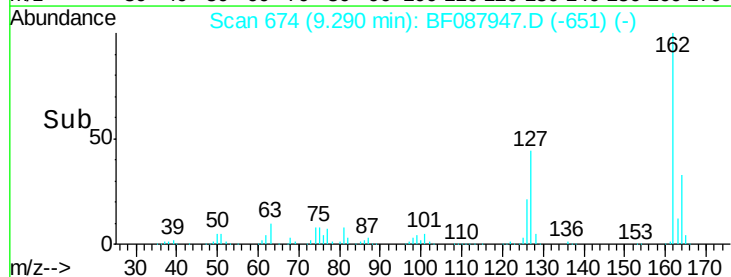
164 32.7 26.6 39.8

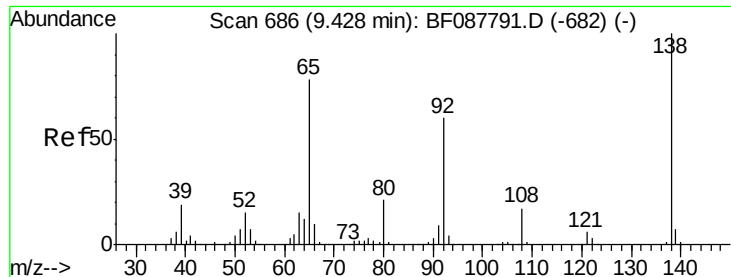


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

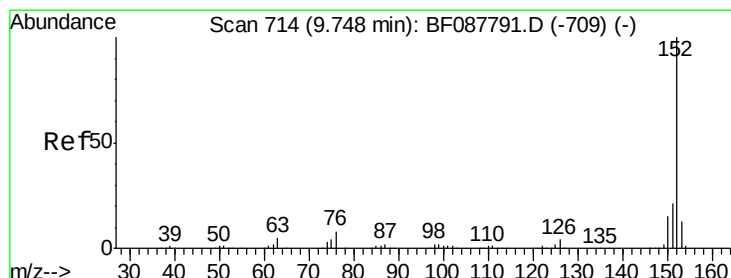
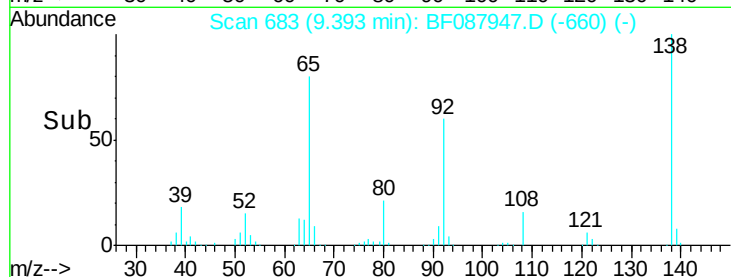
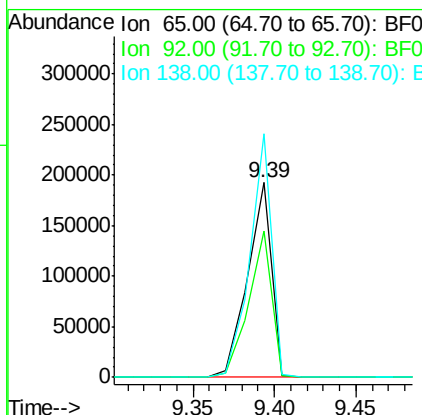
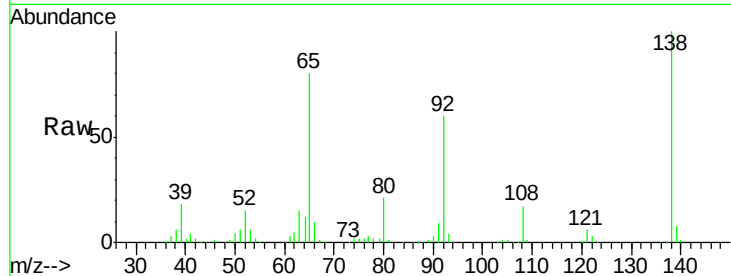




#47
2-Nitroaniline
Concen: 42.21 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

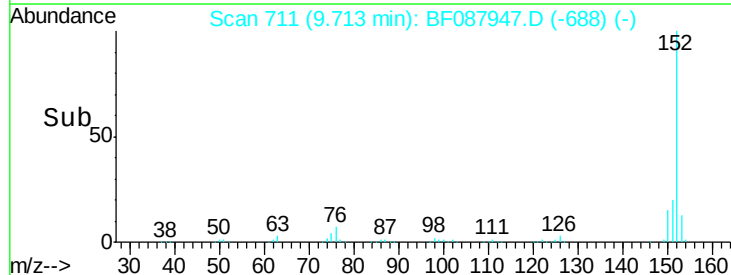
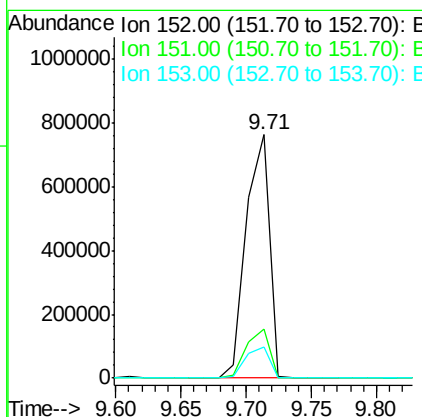
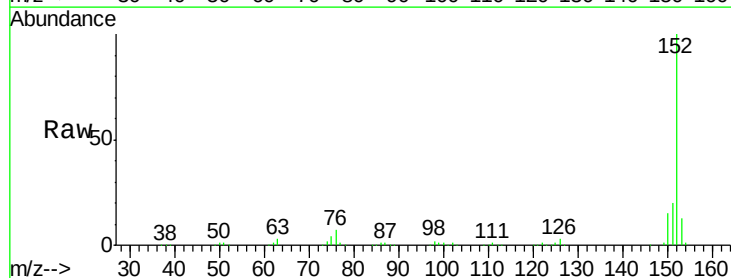
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

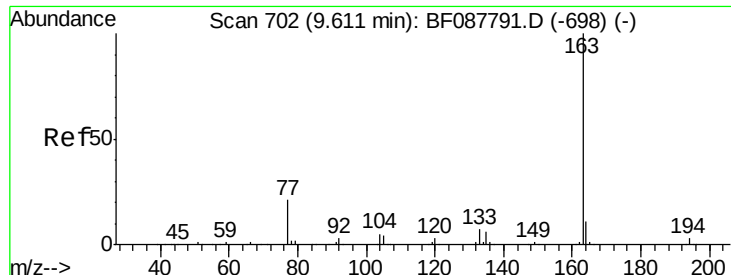
Tgt Ion: 65 Resp: 195692
Ion Ratio Lower Upper
65 100
92 75.0 54.6 82.0
138 125.0 77.0 115.4#



#48
Acenaphthylene
Concen: 37.80 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Tgt Ion: 152 Resp: 944841
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 12.9 11.0 16.6





#49

Dimethylphthalate

Concen: 35.25 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

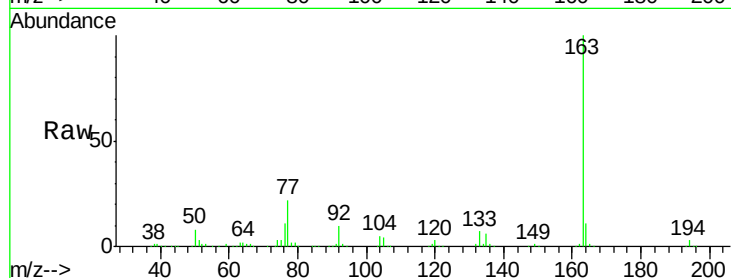
Tgt Ion:163 Resp: 620084

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

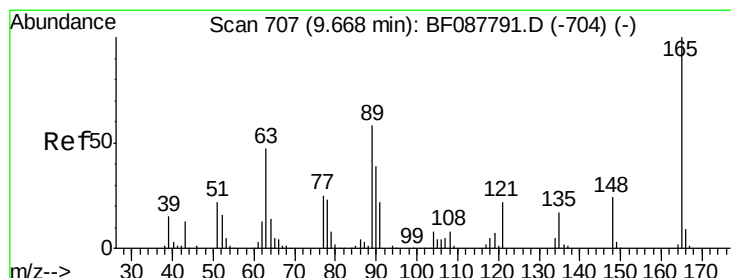
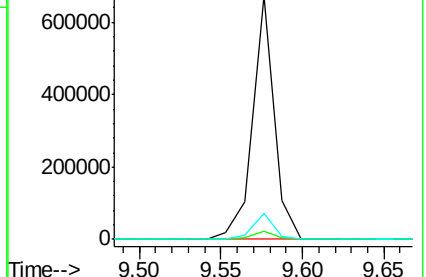
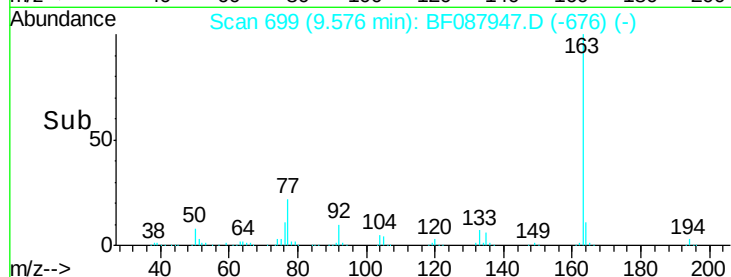
164 10.8 8.3 12.5



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: 34.17 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

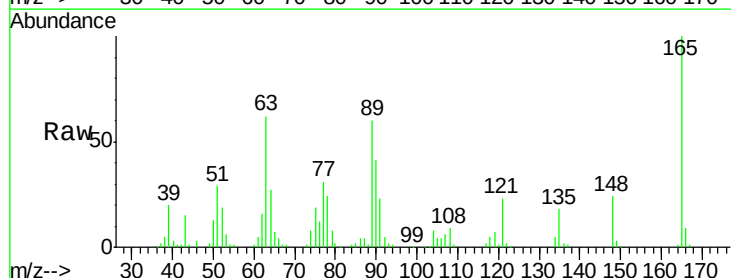
Tgt Ion:165 Resp: 137678

Ion Ratio Lower Upper

165 100

63 61.8 28.1 42.1#

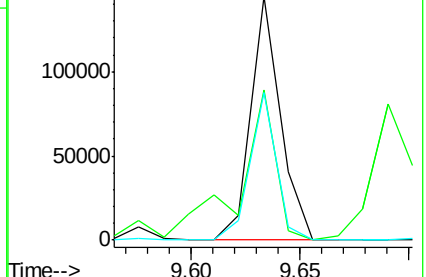
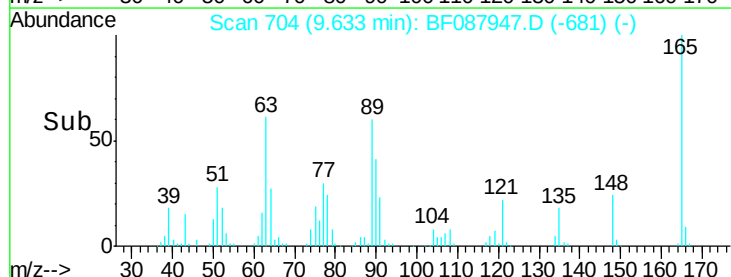
89 60.5 32.2 48.2#

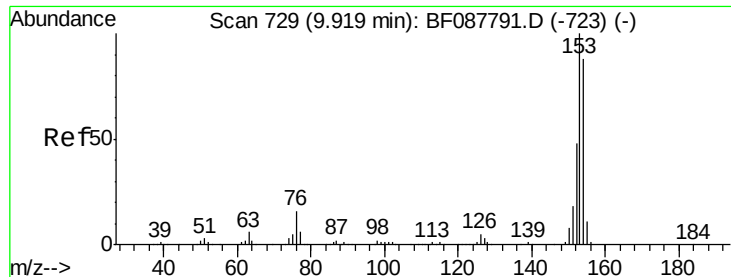


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.54 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

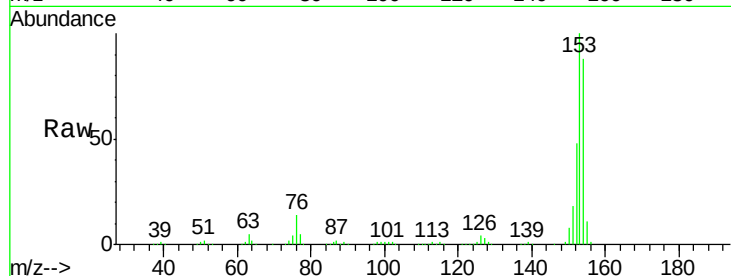
Tgt Ion:154 Resp: 600974

Ion Ratio Lower Upper

154 100

153 113.6 89.5 134.3

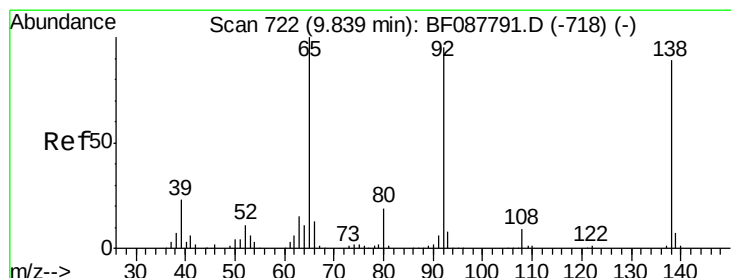
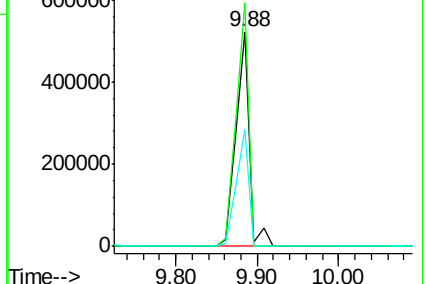
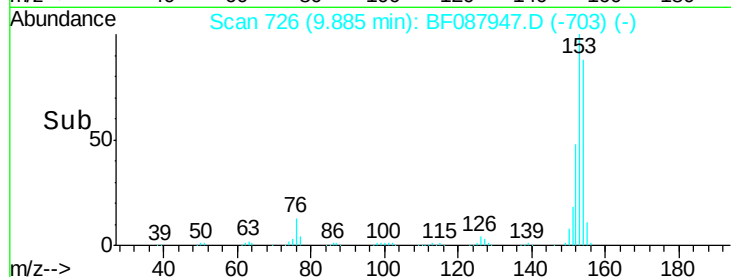
152 54.4 42.7 64.1



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: 39.63 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

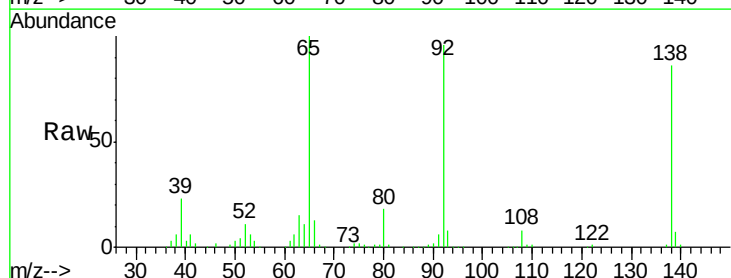
Tgt Ion:138 Resp: 184238

Ion Ratio Lower Upper

138 100

108 9.8 8.5 12.7

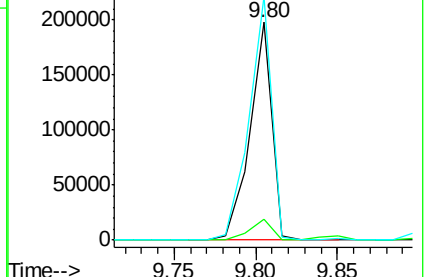
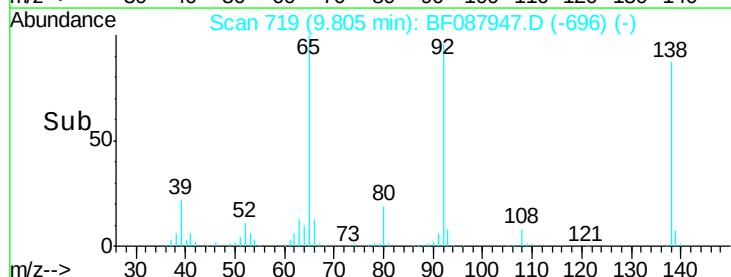
92 111.8 95.7 143.5

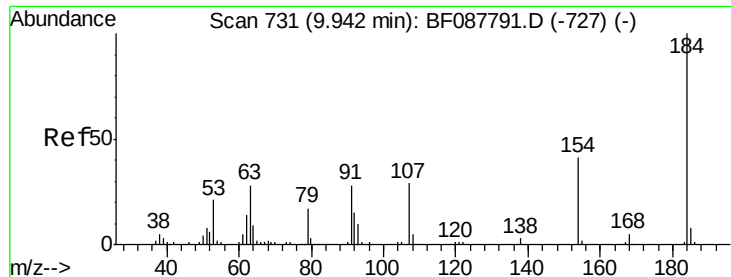


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

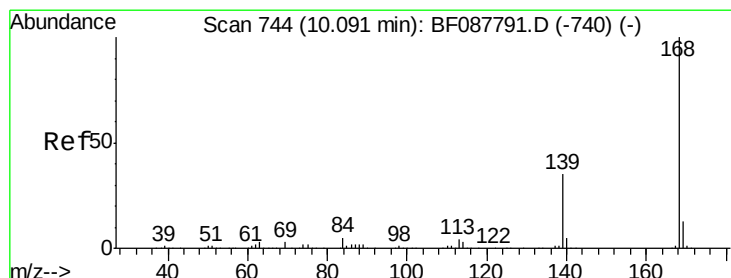
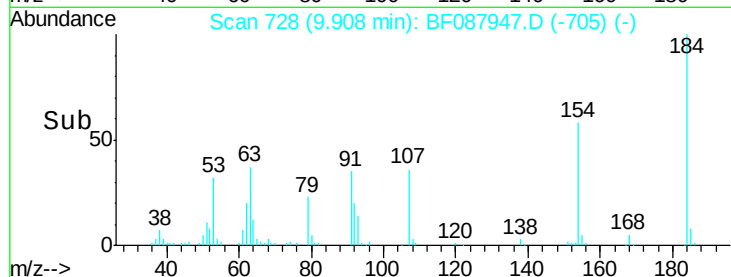
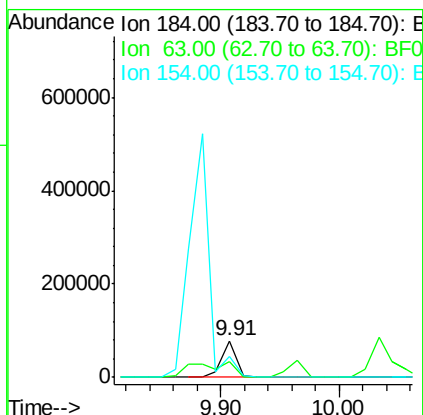
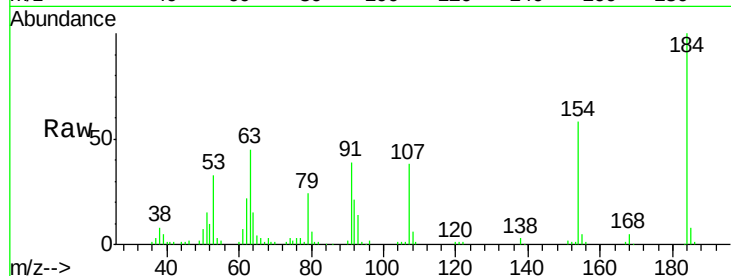




#53
2,4-Dinitrophenol
Concen: 36.58 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

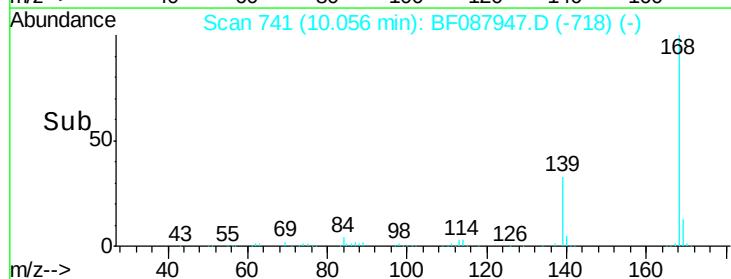
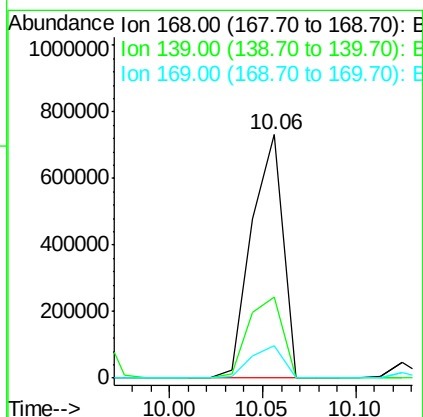
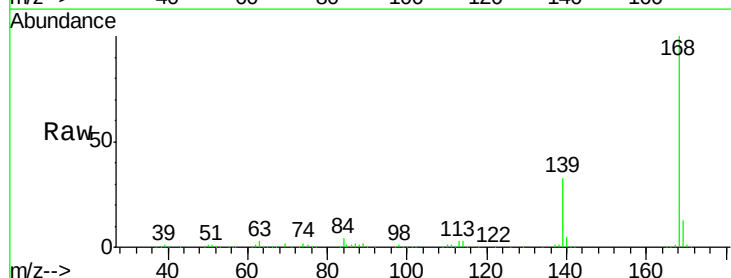
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

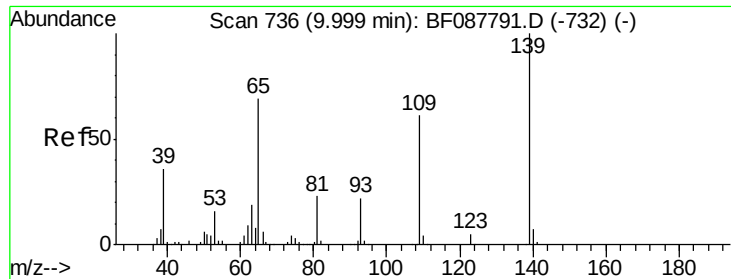
Tgt Ion:184 Resp: 67709
Ion Ratio Lower Upper
184 100
63 44.9 57.6 86.4#
154 58.0 53.5 80.3



#54
Dibenzofuran
Concen: 39.54 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Tgt Ion:168 Resp: 849158
Ion Ratio Lower Upper
168 100
139 33.5 26.4 39.6
169 13.3 10.4 15.6





#55

4-Nitrophenol

Concen: 36.75 ng

RT: 9.96 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

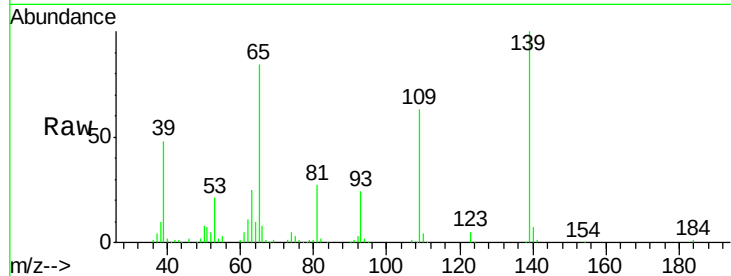
Tgt Ion:139 Resp: 132616

Ion Ratio Lower Upper

139 100

109 63.4 48.9 88.9

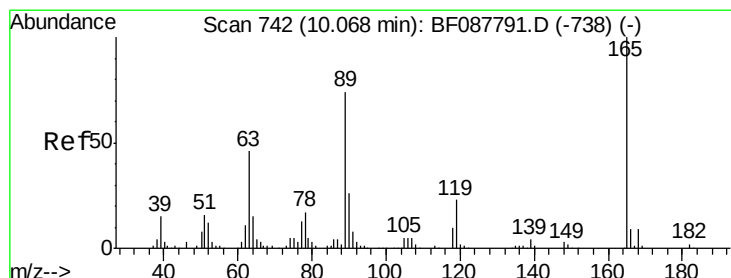
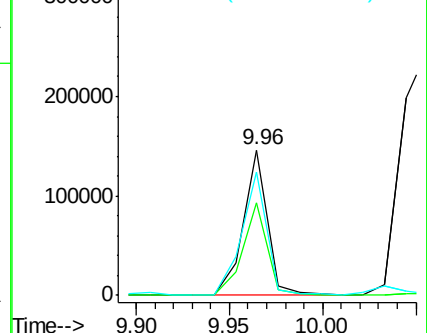
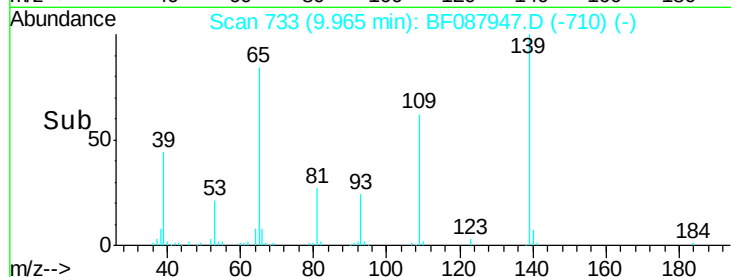
65 84.4 84.9 124.9#



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: 35.86 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Tgt Ion:165 Resp: 185698

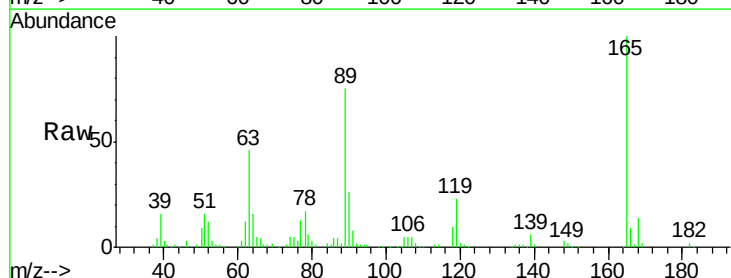
Ion Ratio Lower Upper

165 100

63 46.4 22.0 33.0#

89 75.2 41.1 61.7#

182 2.1 2.0 3.0

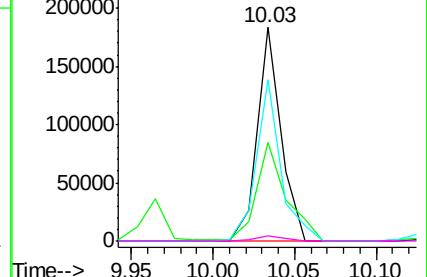
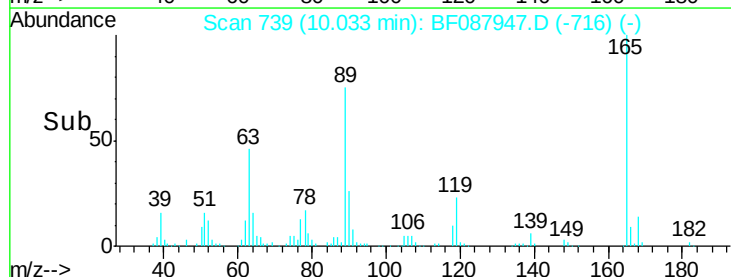


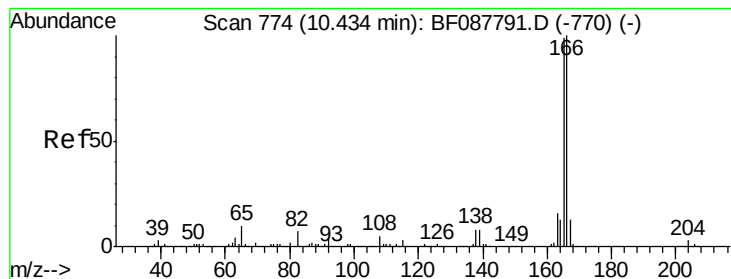
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.55 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

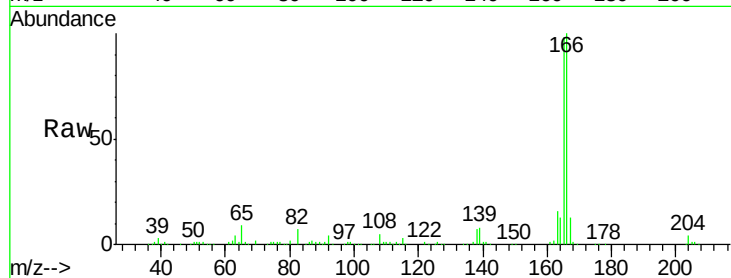
Tgt Ion:166 Resp: 569583

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

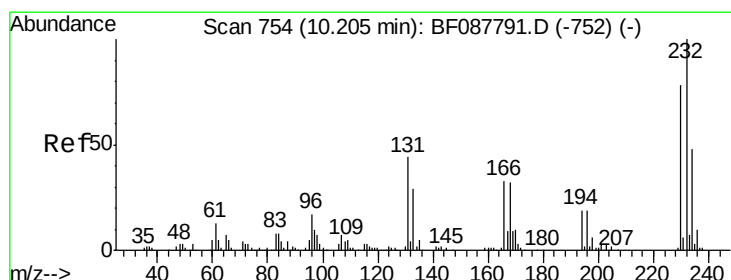
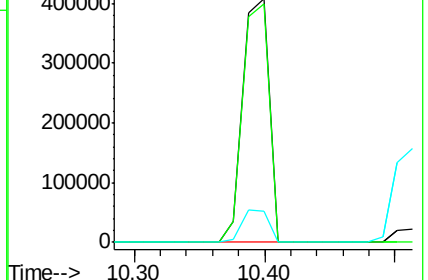
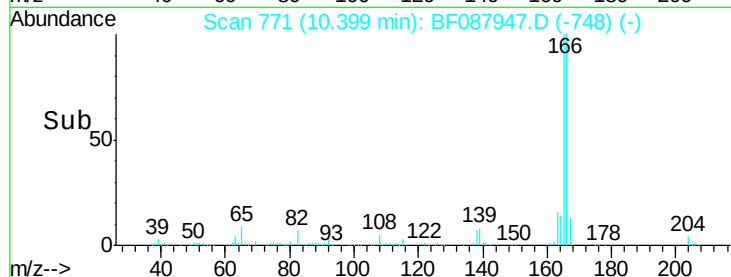
167 12.8 11.2 16.8



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: 39.21 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Tgt Ion:232 Resp: 155687

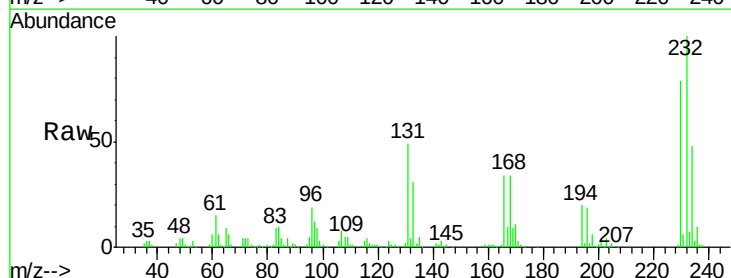
Ion Ratio Lower Upper

232 100

131 52.4 0.9 1.3#

130 2.5 1.5 2.3#

166 34.9 0.5 0.7#

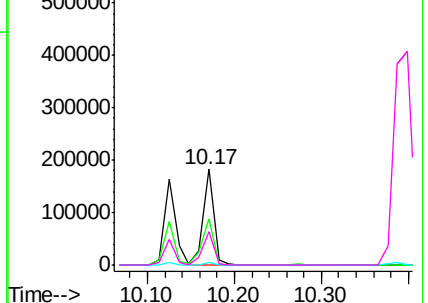
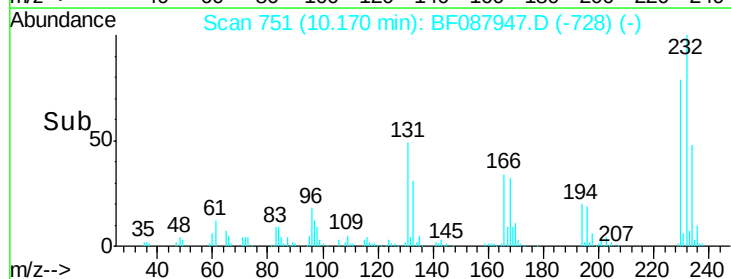


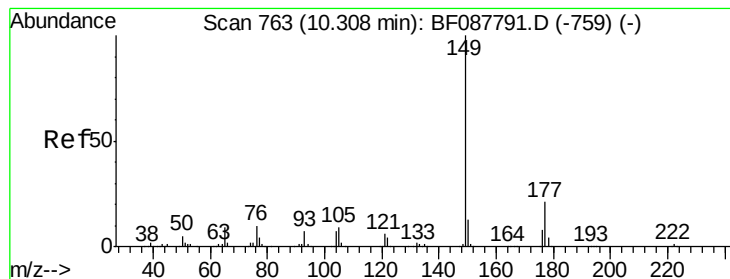
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.93 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

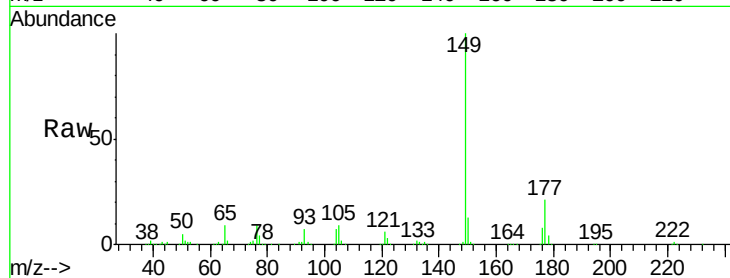
Tgt Ion:149 Resp: 639854

Ion Ratio Lower Upper

149 100

177 21.5 16.9 25.3

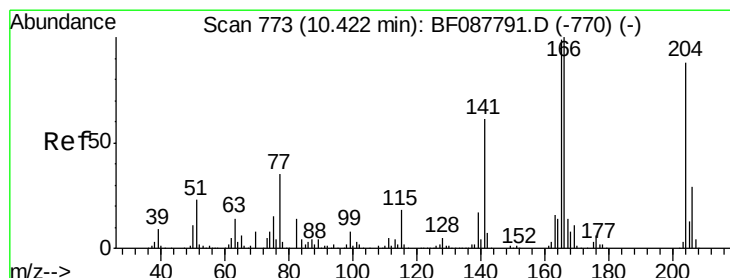
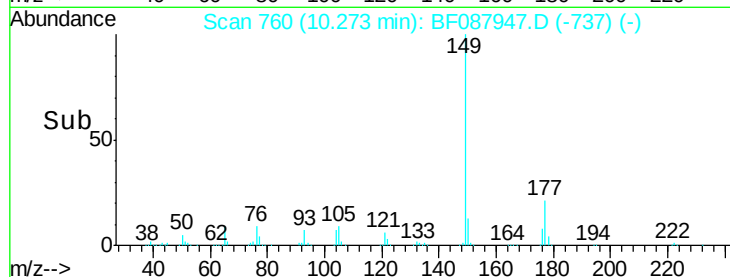
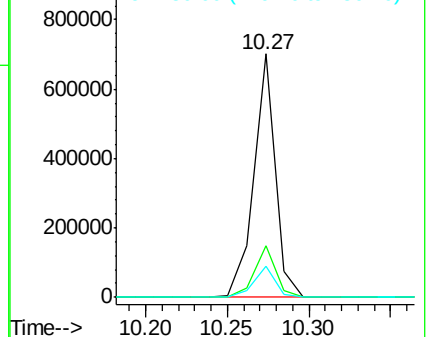
150 12.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.30 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

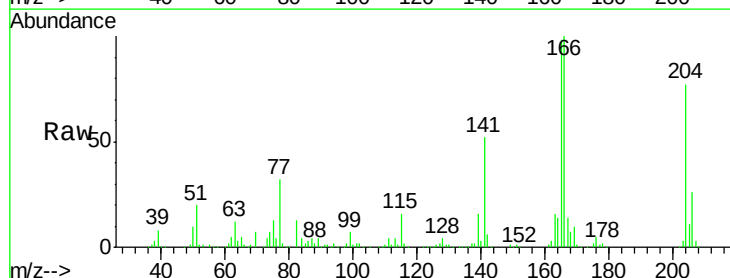
Tgt Ion:204 Resp: 244964

Ion Ratio Lower Upper

204 100

206 33.2 26.3 39.5

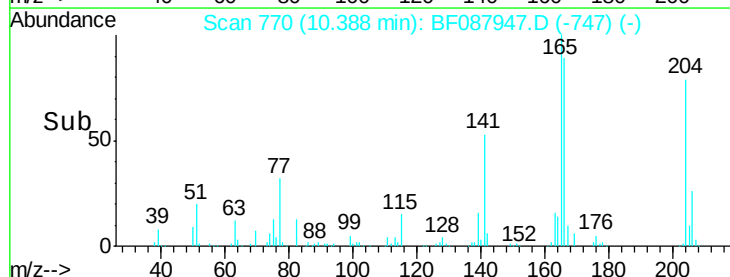
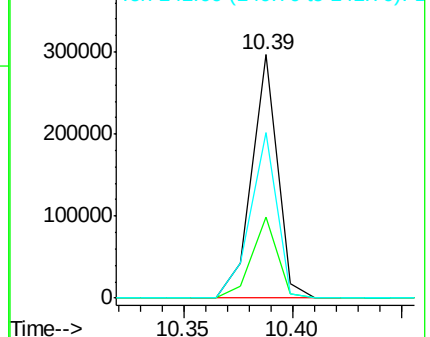
141 67.8 55.0 82.6

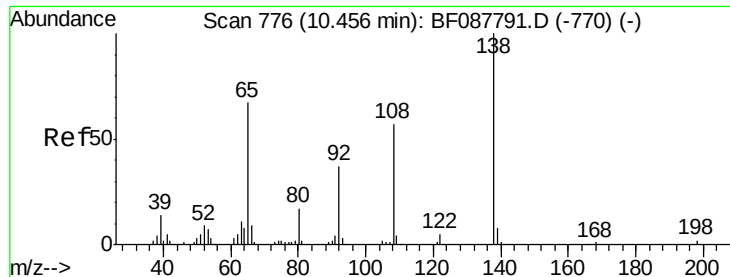


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

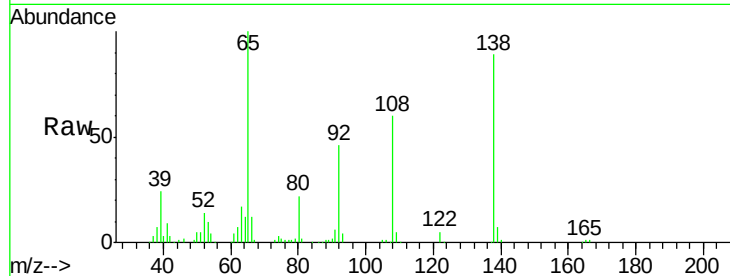




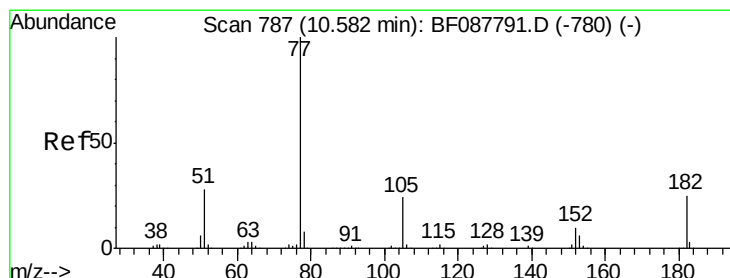
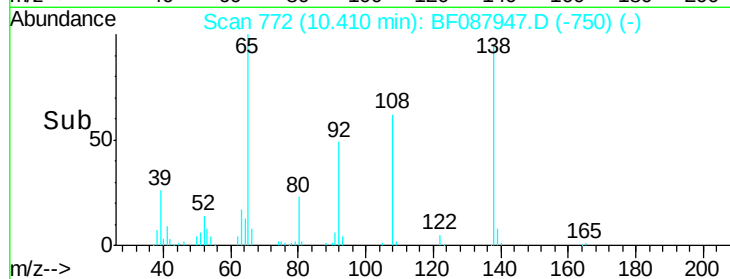
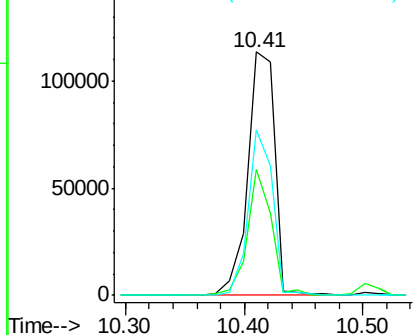
#61
4-Nitroaniline
Concen: 41.08 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.05 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 181177
Ion Ratio Lower Upper
138 100
92 51.7 27.3 67.3
108 67.9 46.7 86.7

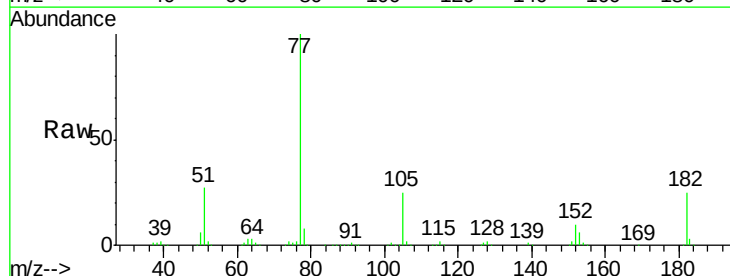


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

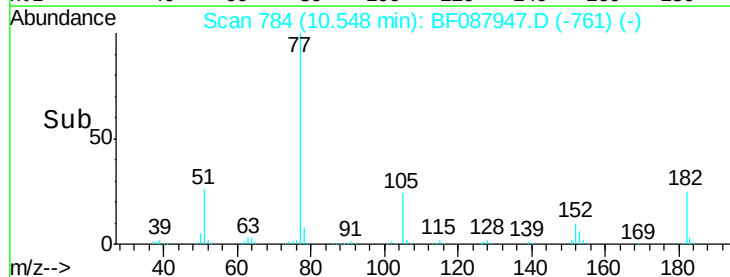
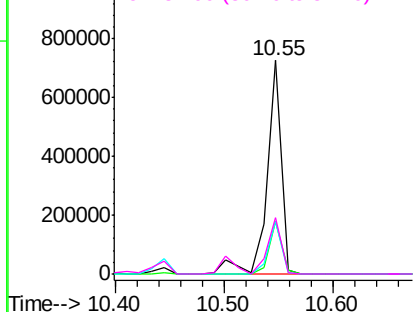


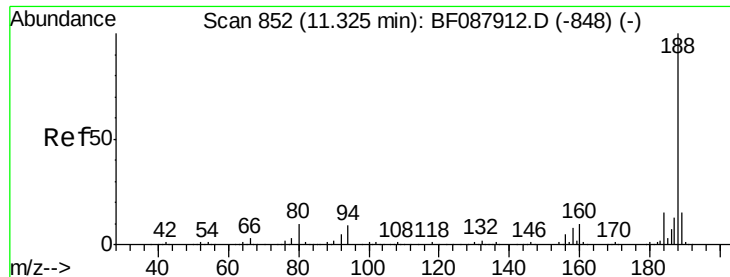
#62
Azobenzene
Concen: 38.88 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Tgt Ion: 77 Resp: 684698
Ion Ratio Lower Upper
77 100
182 24.8 4.4 44.4
105 24.5 3.8 43.8
51 26.5 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

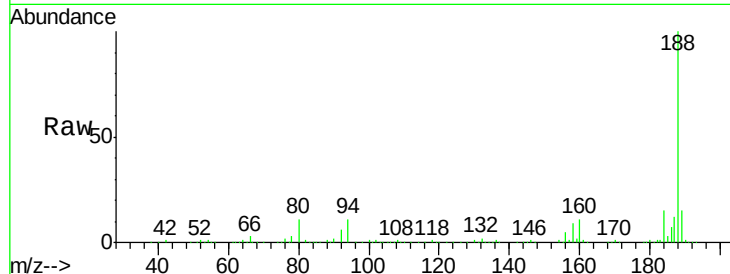




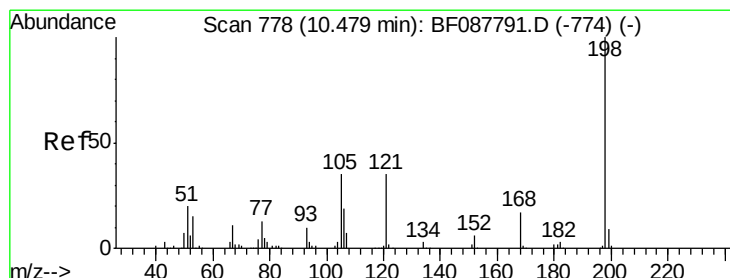
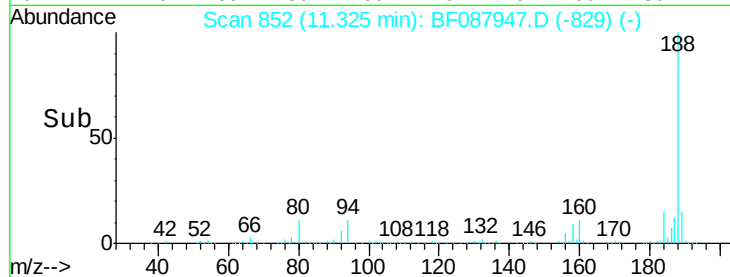
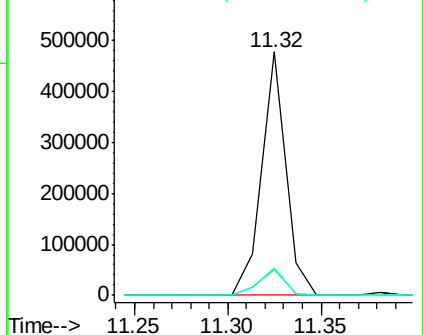
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:188 Resp: 429718
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.0 13.6
 80 11.0 10.0 15.0

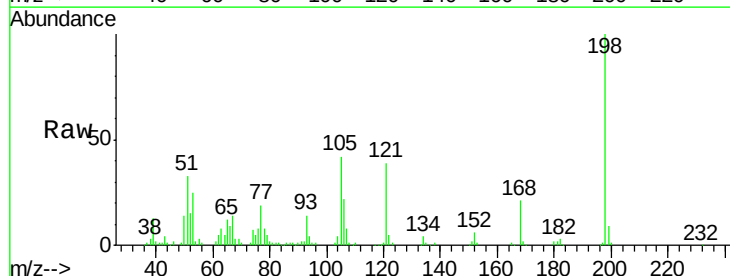


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

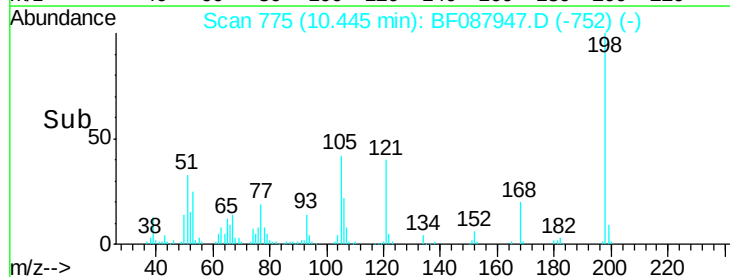
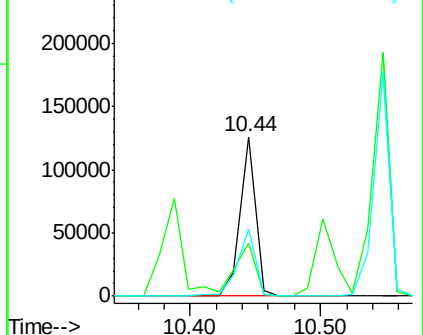


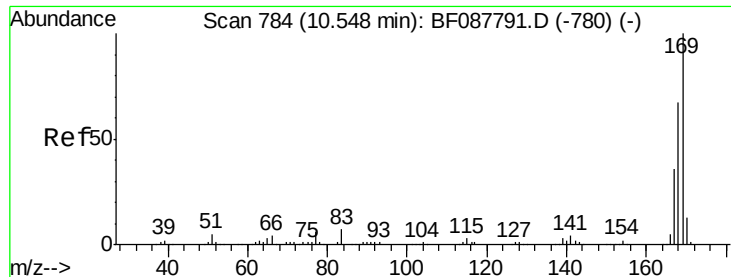
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.09 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion:198 Resp: 103727
 Ion Ratio Lower Upper
 198 100
 51 33.1 39.6 79.6#
 105 41.8 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

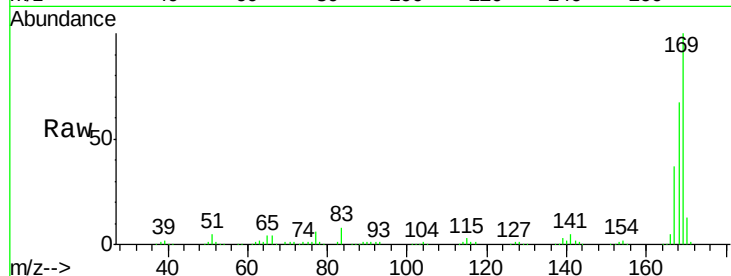




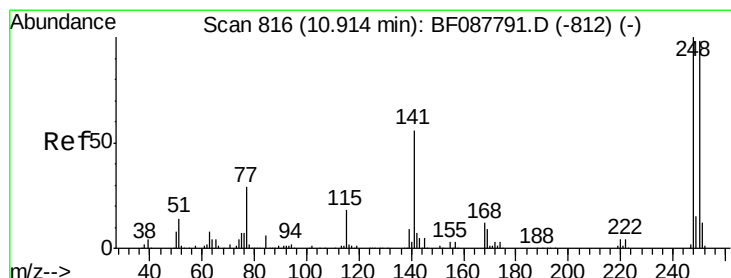
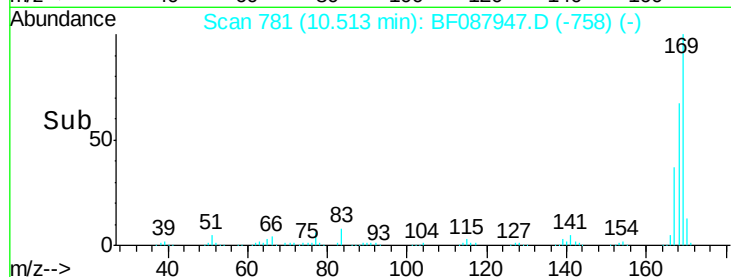
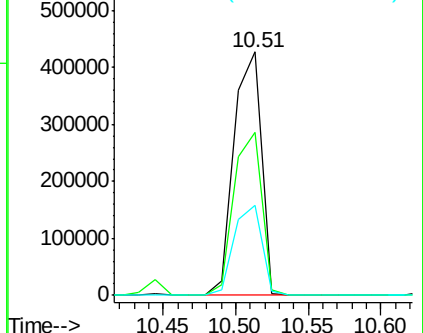
#65
 n-Nitrosodiphenylamine
 Concen: 39.32 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:169 Resp: 560630
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.4 80.0
 167 36.8 29.4 44.0

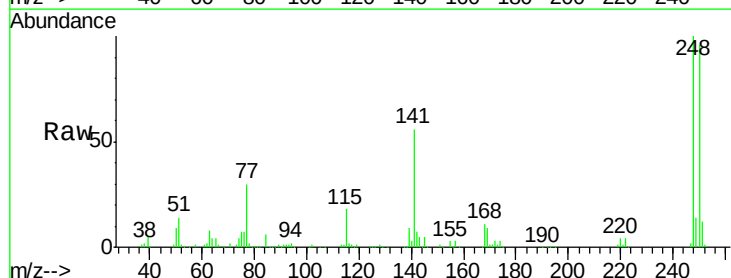


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

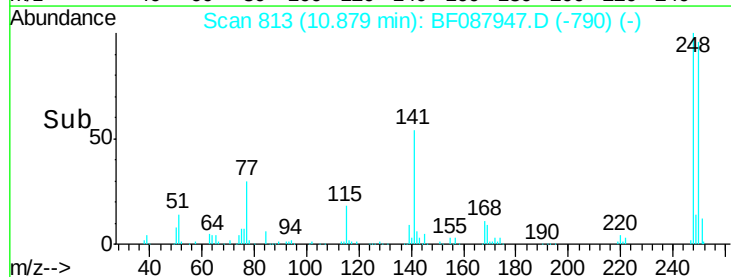
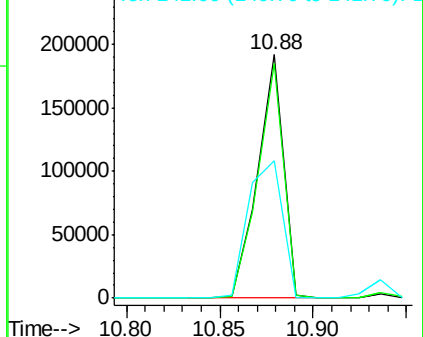


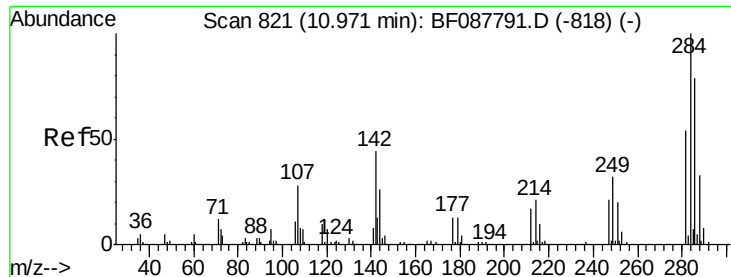
#66
 4-Bromophenyl-phenylether
 Concen: 39.44 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion:248 Resp: 181836
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.1 115.7
 141 56.3 50.6 76.0



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

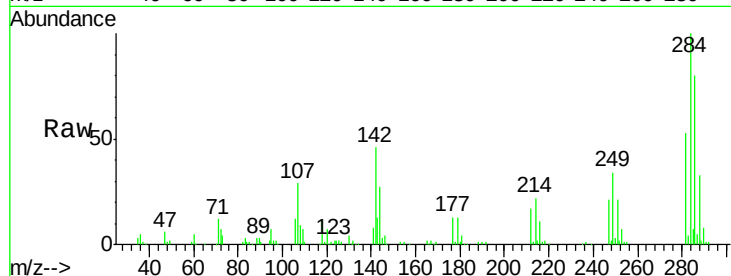




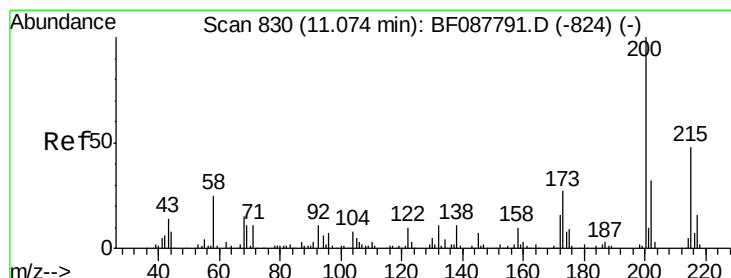
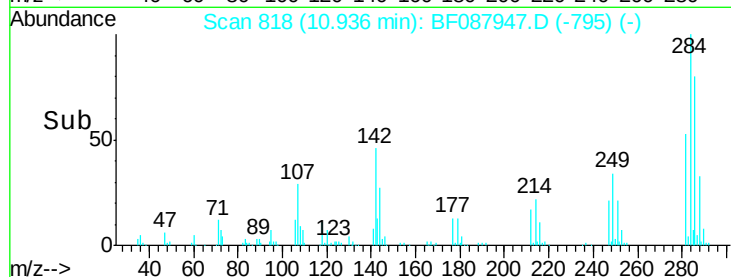
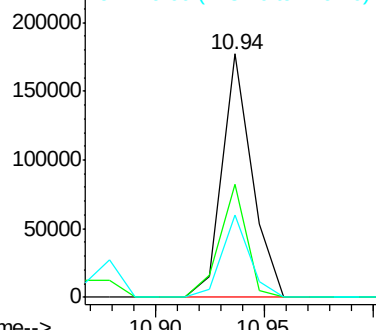
#67
Hexachlorobenzene
Concen: 35.20 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.03 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 168623
Ion Ratio Lower Upper
284 100
142 46.2 35.8 53.8
249 33.8 25.8 38.6

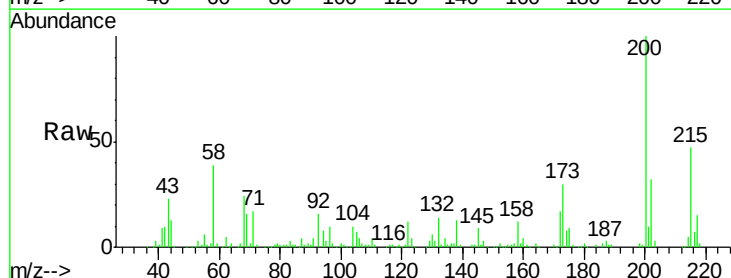


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

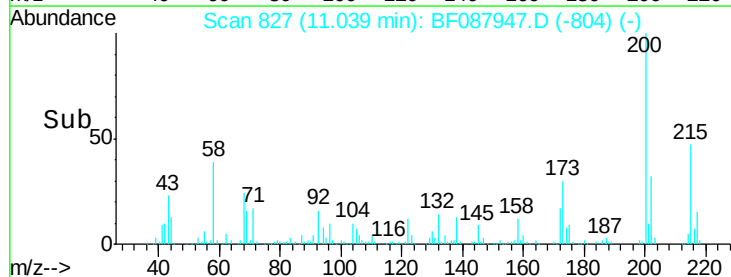
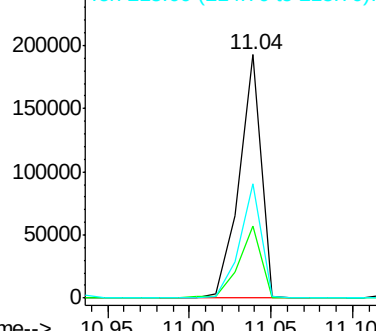


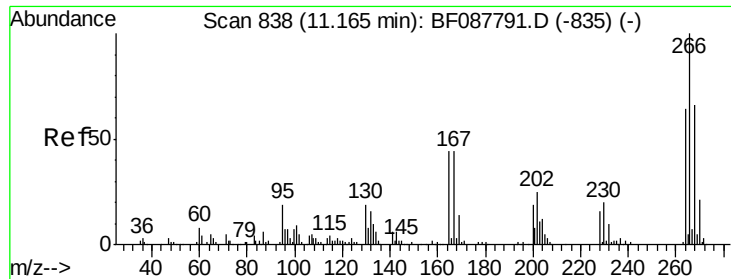
#68
Atrazine
Concen: 41.82 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Tgt Ion:200 Resp: 180549
Ion Ratio Lower Upper
200 100
173 29.6 4.0 44.0
215 46.7 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

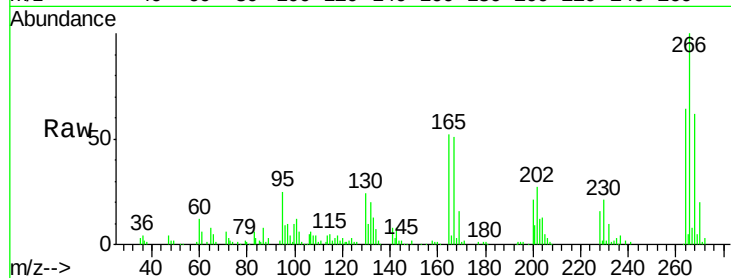




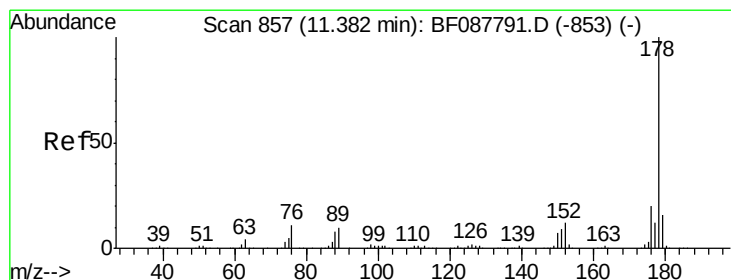
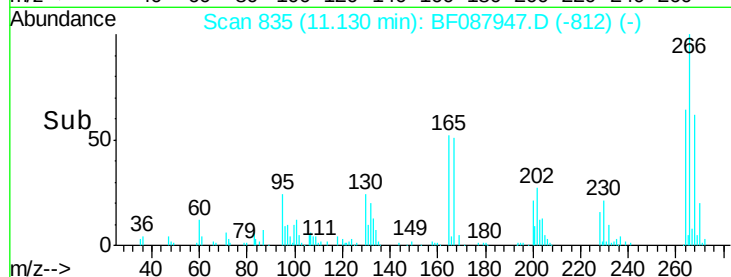
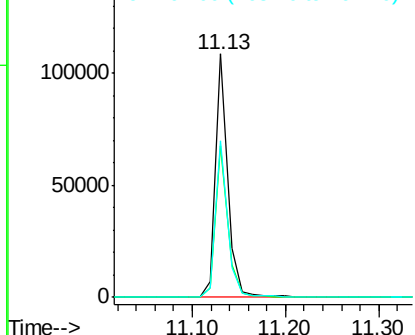
#69
 Pentachlorophenol
 Concen: 39.36 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 266 Resp: 99384
 Ion Ratio Lower Upper
 266 100
 268 62.0 52.8 79.2
 264 64.4 49.6 74.4

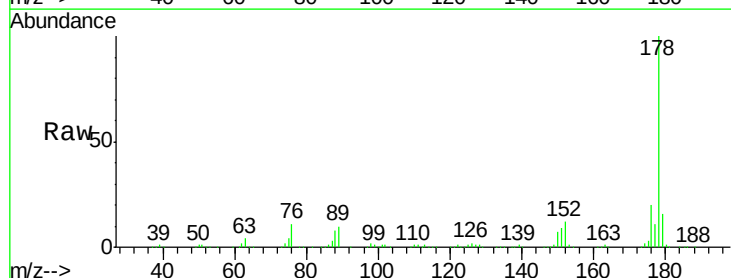


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

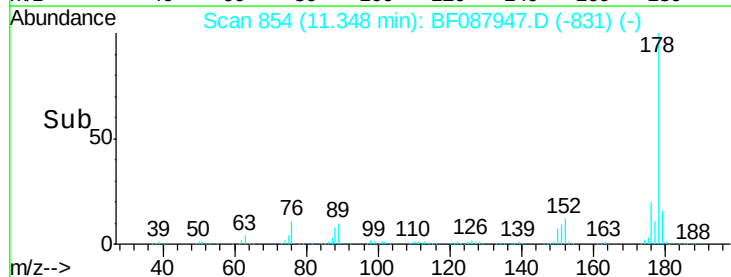
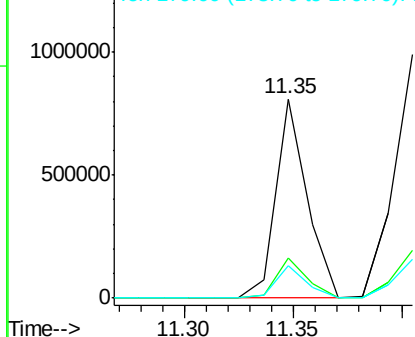


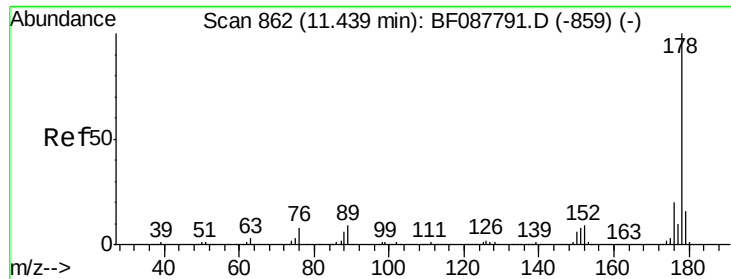
#70
 Phenanthrene
 Concen: 36.14 ng
 RT: 11.35 min Scan# 854
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion: 178 Resp: 815021
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.6
 179 16.4 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

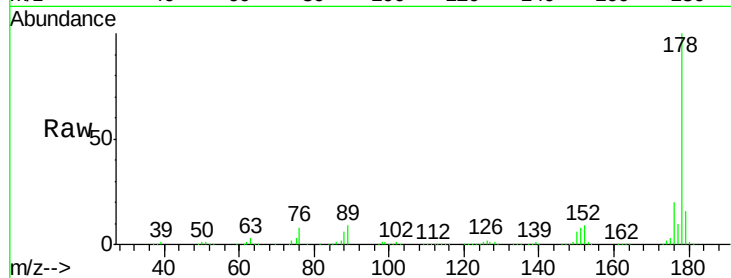




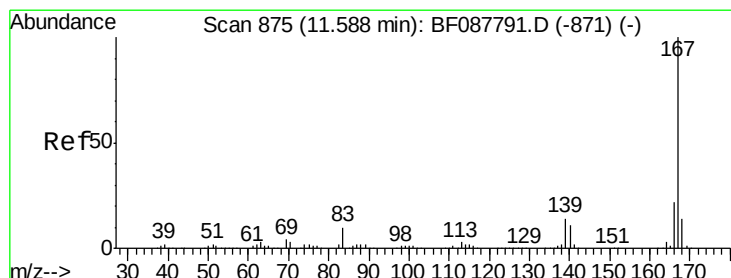
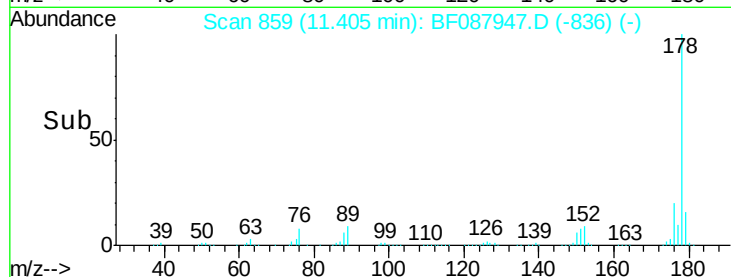
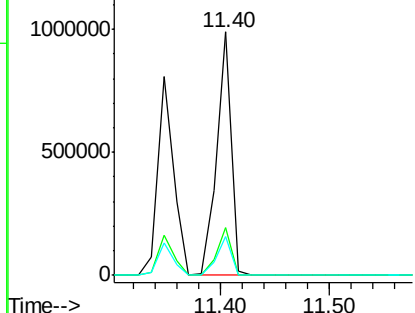
#71
 Anthracene
 Concen: 41.26 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:178 Resp: 938408
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 15.8 12.8 19.2

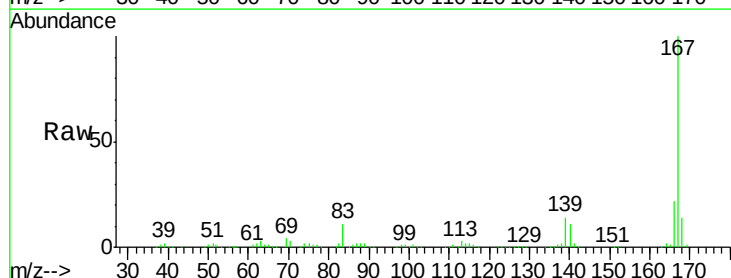


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

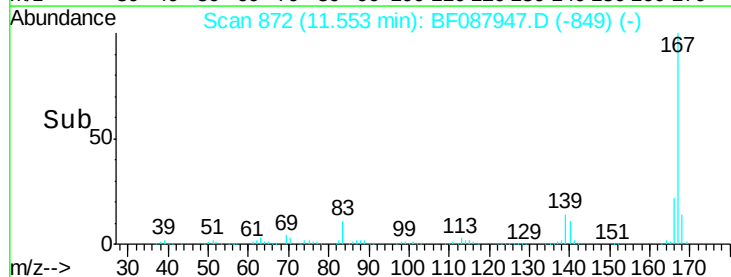
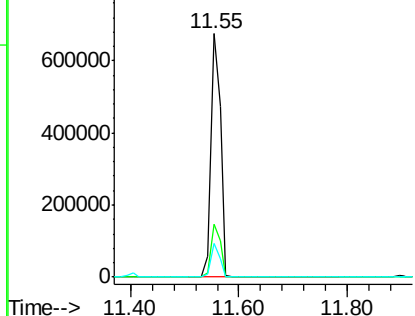


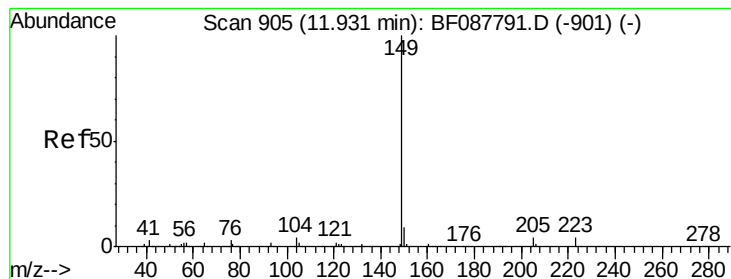
#72
 Carbazole
 Concen: 39.45 ng
 RT: 11.55 min Scan# 872
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion:167 Resp: 839795
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 14.0 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: 37.21 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

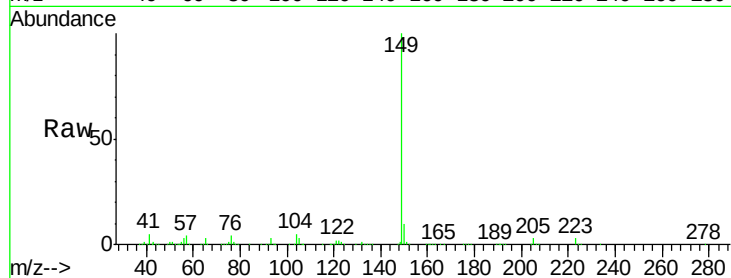
Tgt Ion:149 Resp: 1002528

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

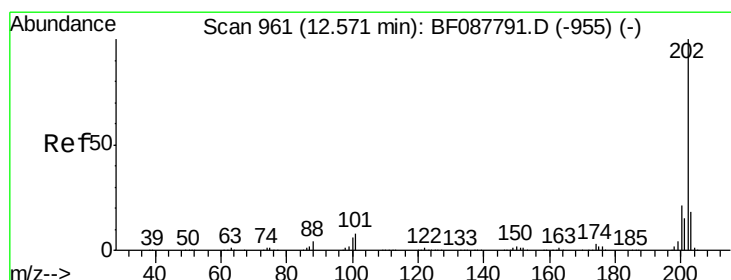
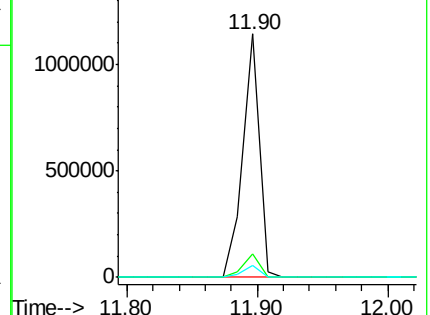
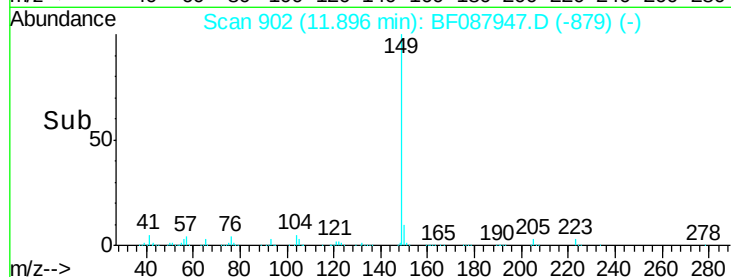
104 4.7 4.0 6.0



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: 38.85 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

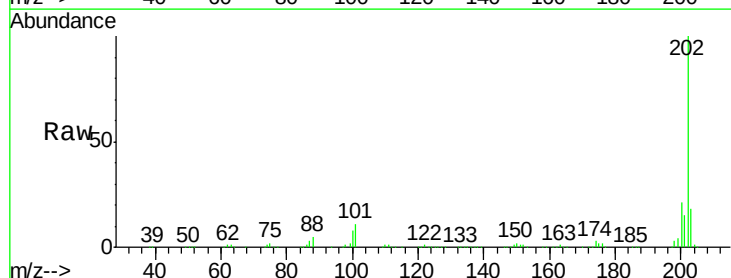
Tgt Ion:202 Resp: 924507

Ion Ratio Lower Upper

202 100

101 11.2 0.0 33.1

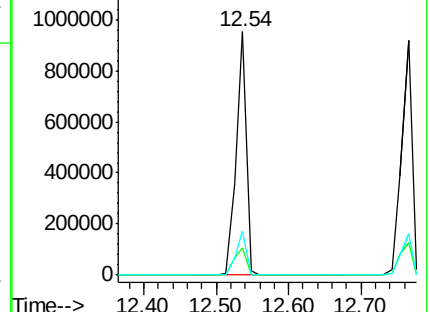
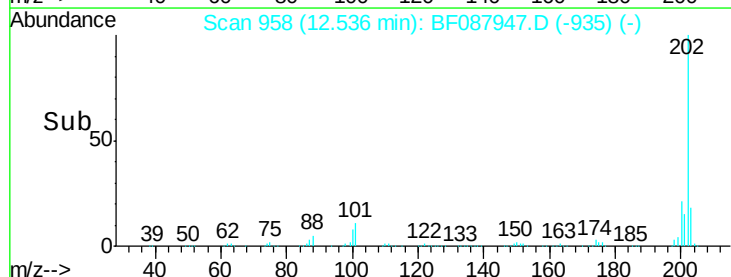
203 18.1 0.0 38.1

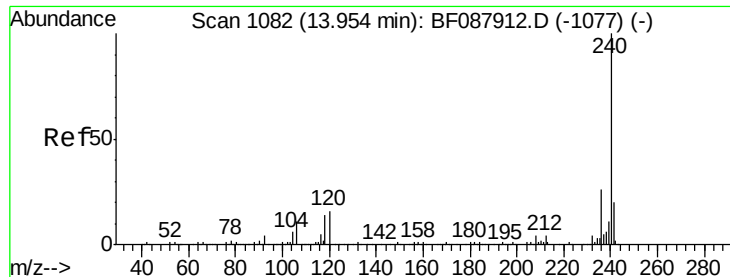


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

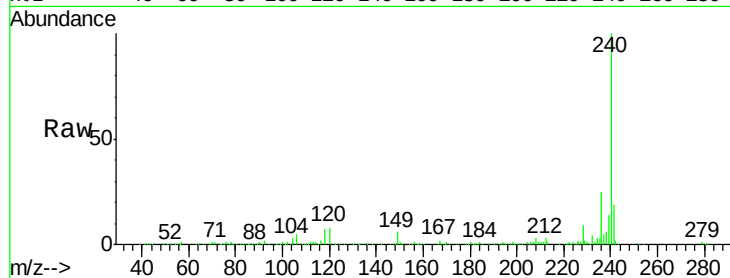
Tgt Ion:240 Resp: 308758

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

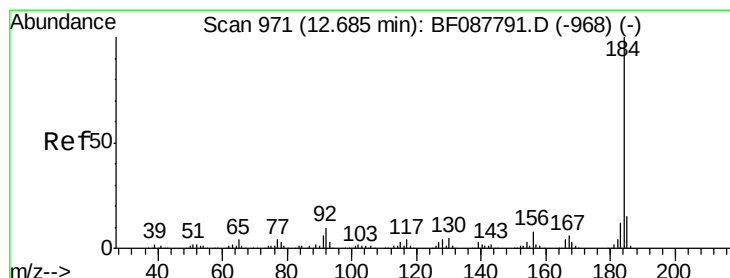
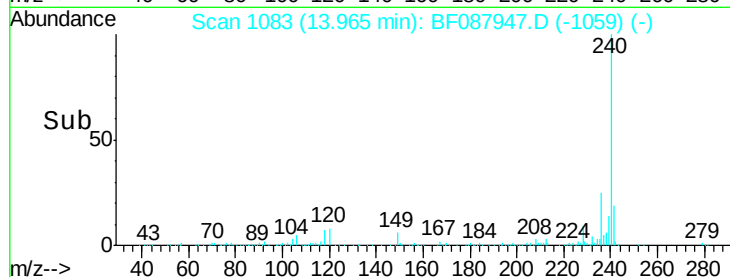
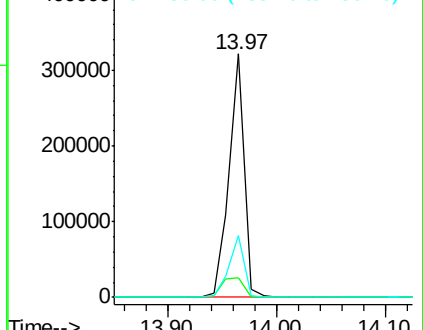
236 25.5 20.2 30.2



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: 43.81 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

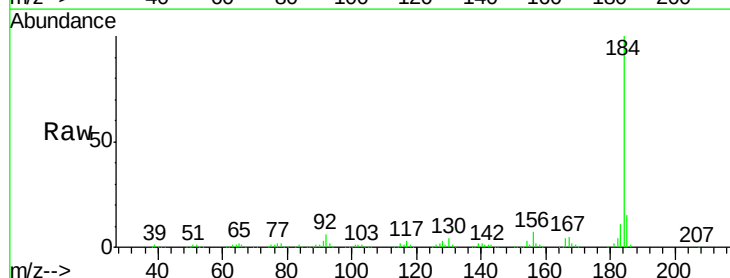
Tgt Ion:184 Resp: 374561

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

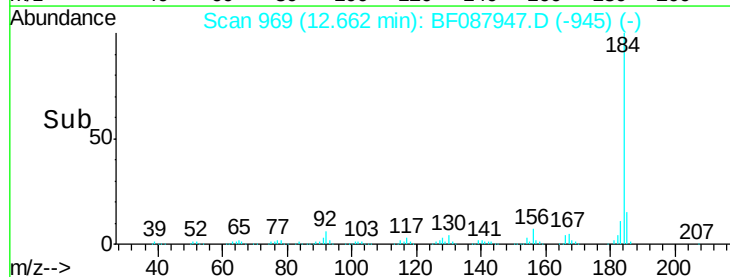
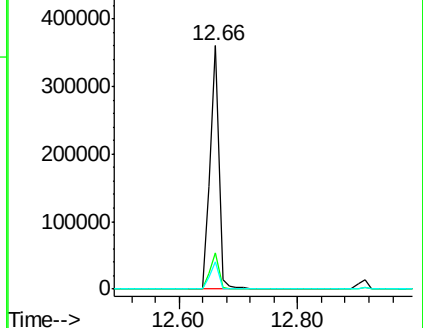
183 11.2 9.3 13.9

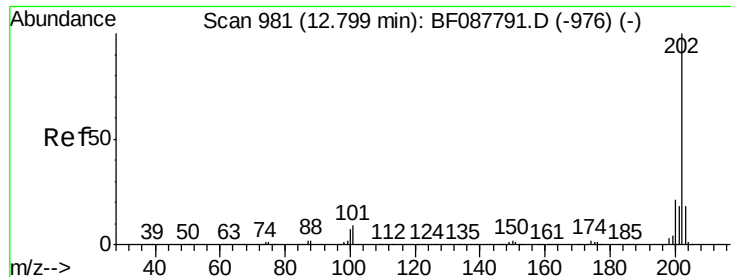


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

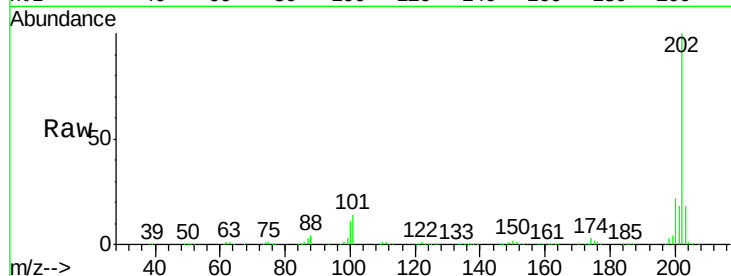




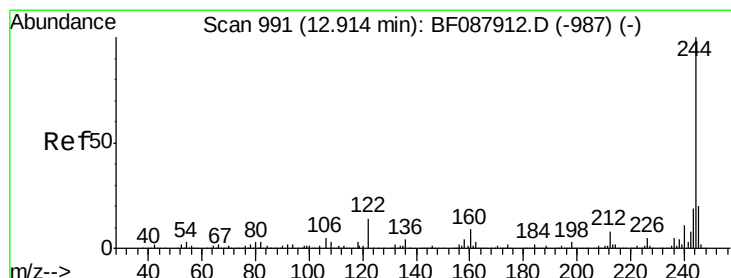
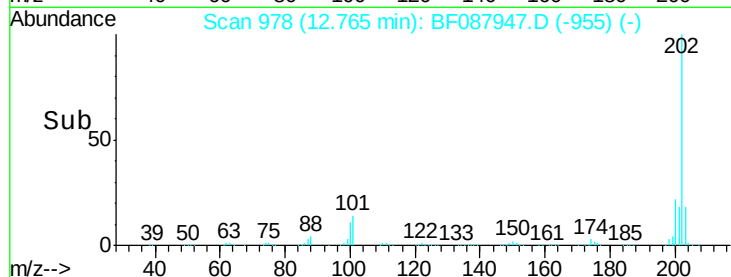
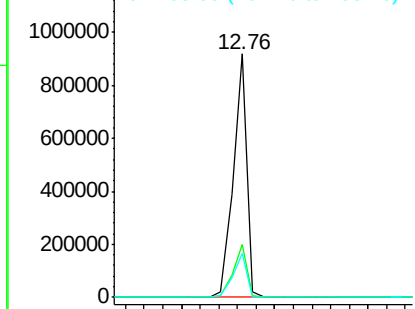
#77
 Pyrene
 Concen: 40.57 ng
 RT: 12.76 min Scan# 978
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.5	21.7

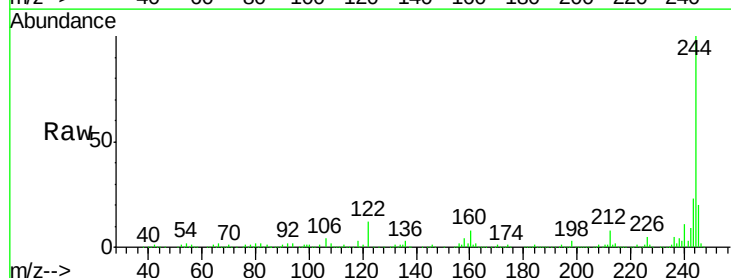


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

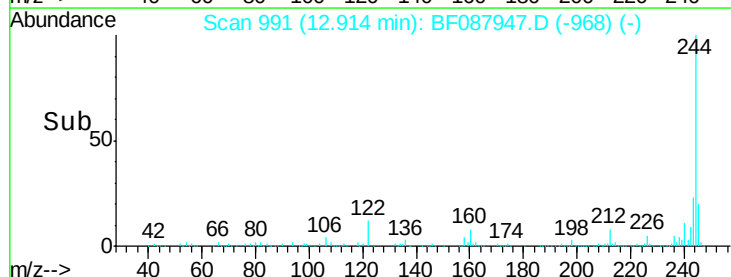
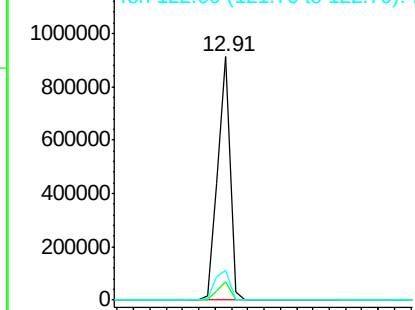


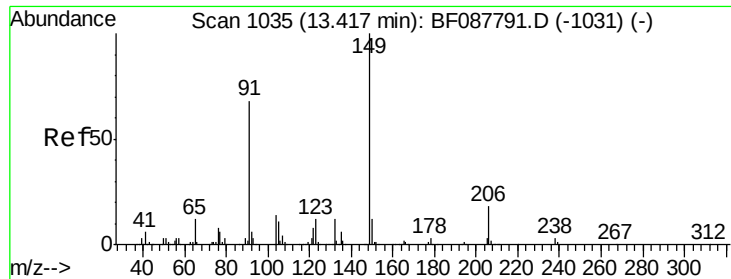
#78
 Terphenyl-d14
 Concen: 71.36 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.5	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

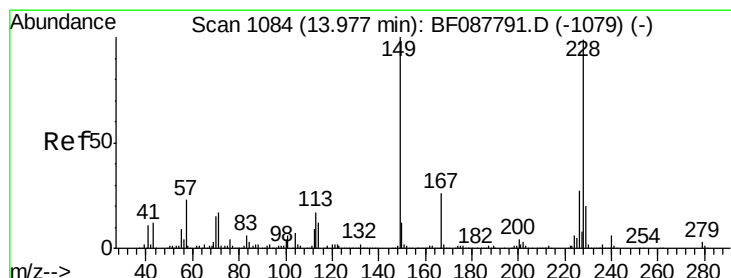
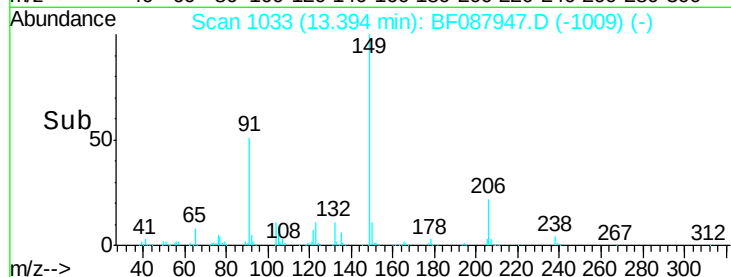
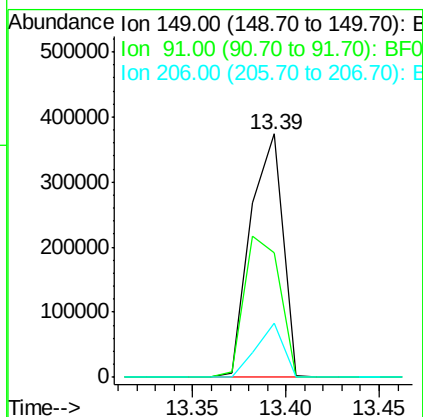
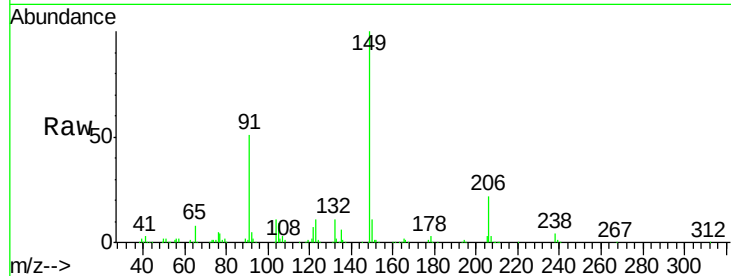




#79
Butylbenzylphthalate
Concen: 43.99 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

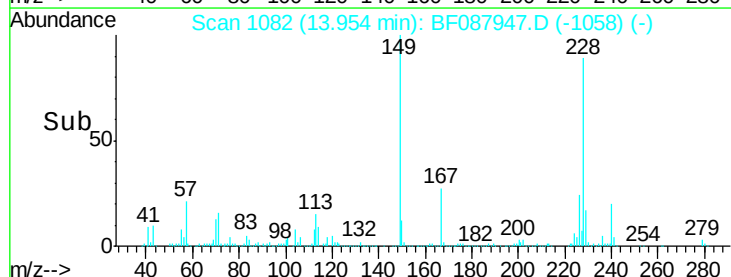
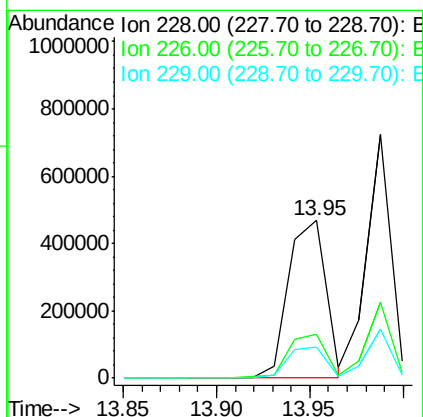
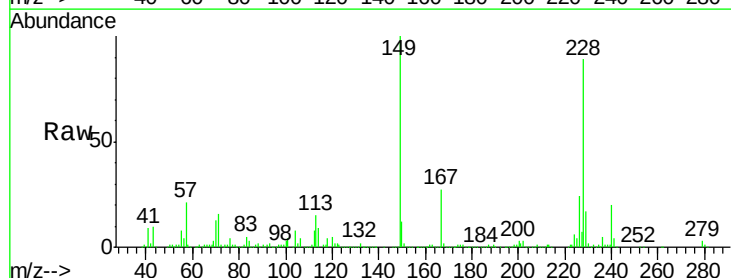
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

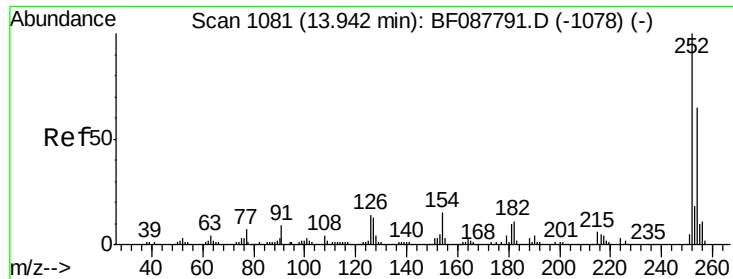
Tgt Ion	Resp	Lower	Upper
149	100		
91	51.1	48.0	72.0
206	22.3	16.0	24.0



#80
Benzo(a)anthracene
Concen: 36.87 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Tgt Ion	Resp	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	19.6	16.0	24.0

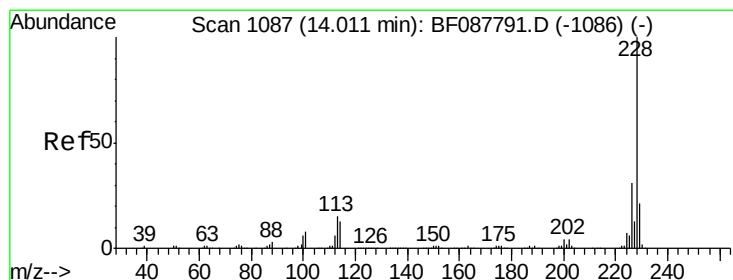
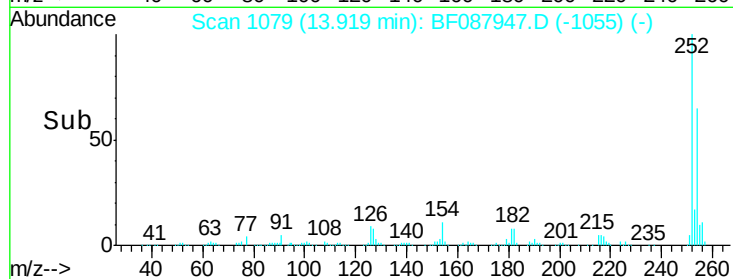
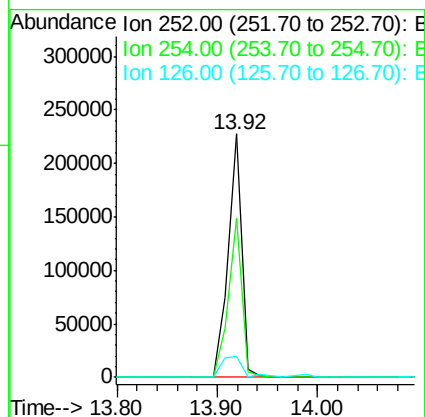
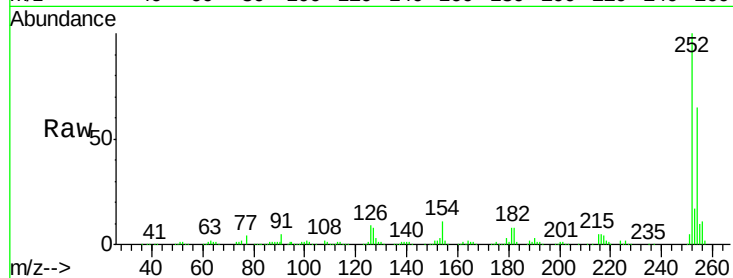




#81
 3,3'-Dichlorobenzidine
 Concen: 45.61 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

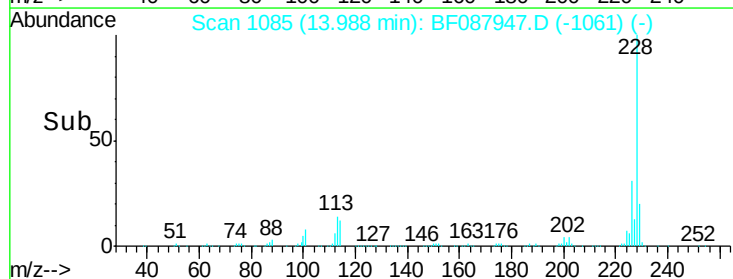
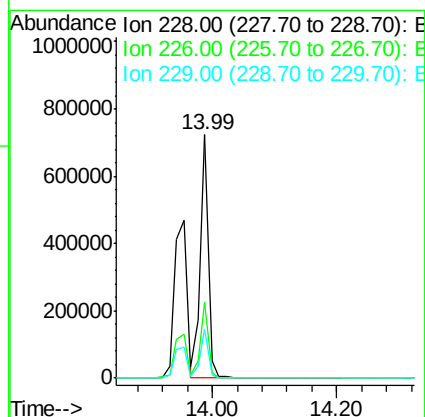
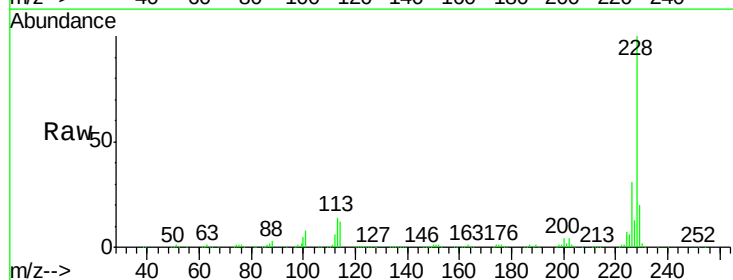
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

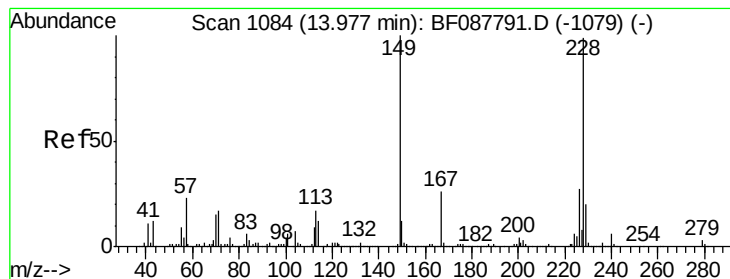
Tgt Ion: 252 Resp: 215821
 Ion Ratio Lower Upper
 252 100
 254 65.2 52.6 78.8
 126 8.7 6.2 9.2



#82
 Chrysene
 Concen: 40.17 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion: 228 Resp: 664941
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.2
 229 20.2 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.76 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

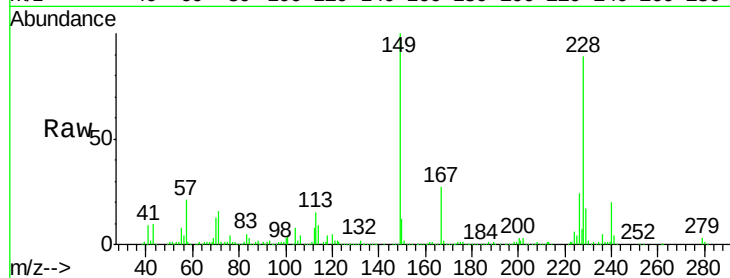
Tgt Ion:149 Resp: 514910

Ion Ratio Lower Upper

149 100

167 26.7 20.5 30.7

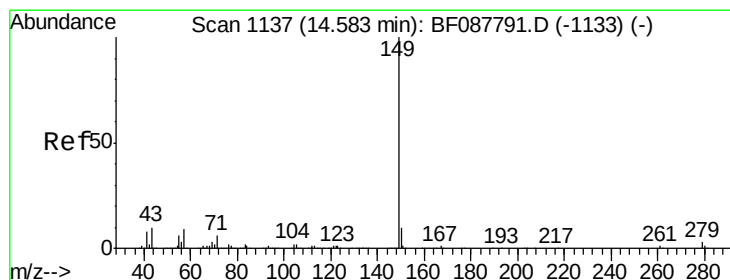
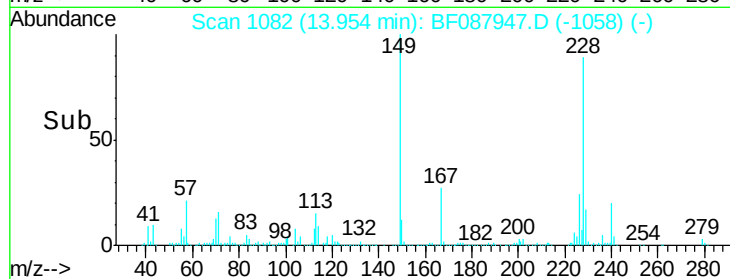
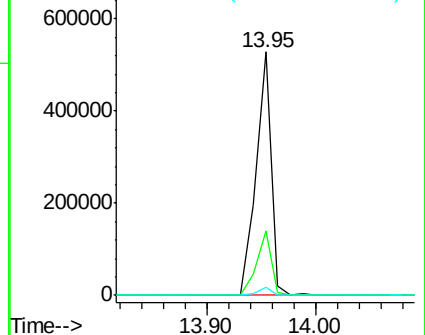
279 3.3 2.0 3.0#



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: 43.15 ng

RT: 14.56 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF087947.D

Acq: 12 Jun 2016 14:09

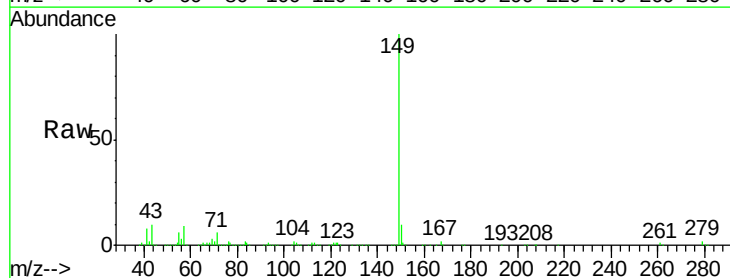
Tgt Ion:149 Resp: 864504

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

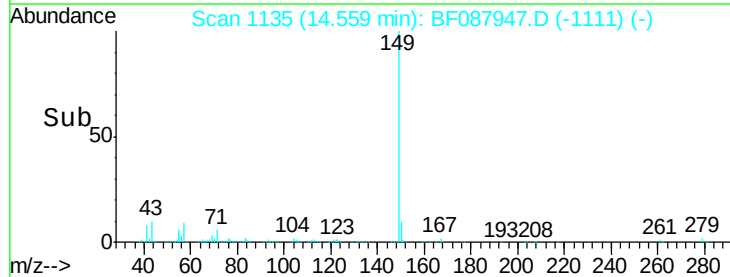
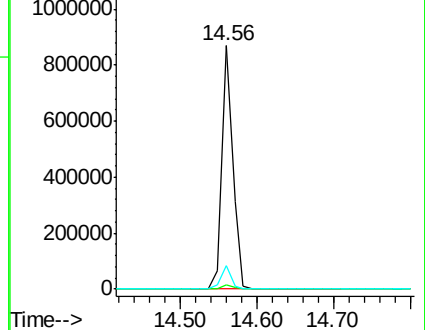
43 9.0 0.0 0.0#

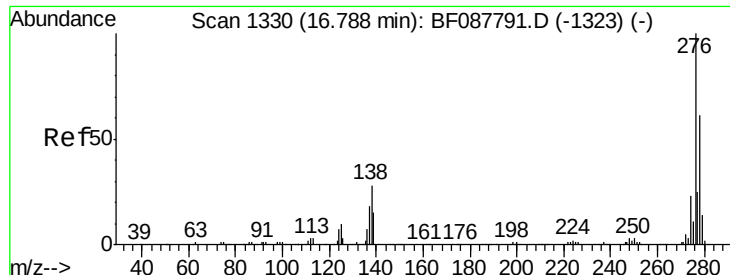


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

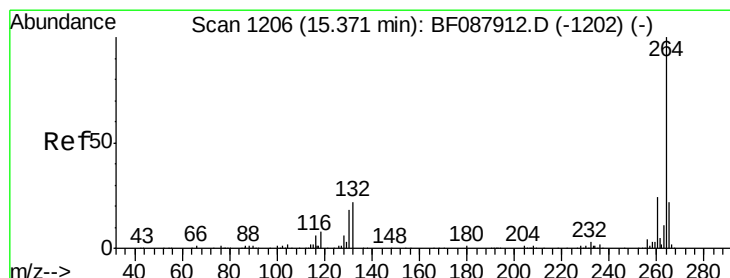
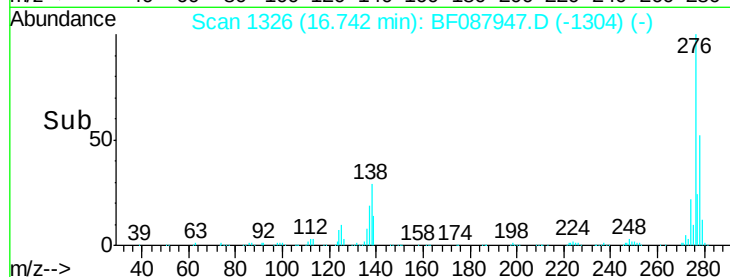
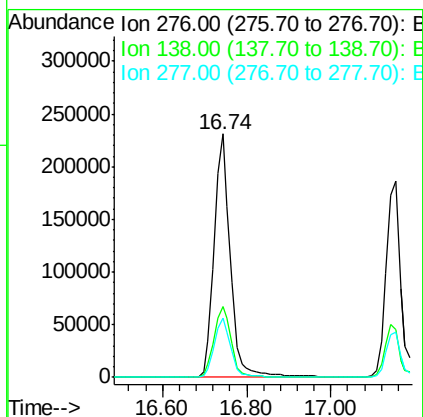
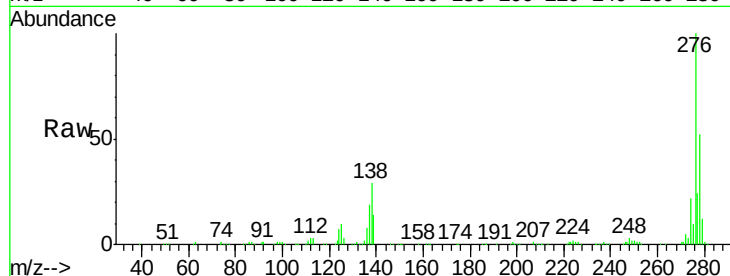




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.61 ng
 RT: 16.74 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

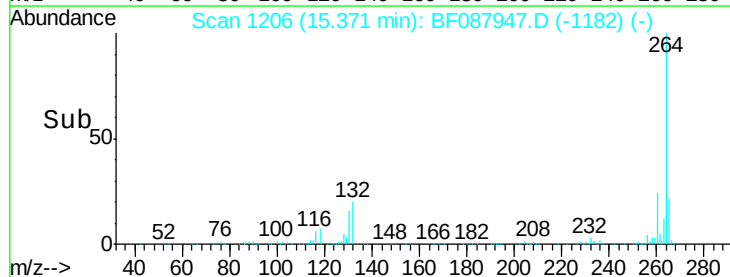
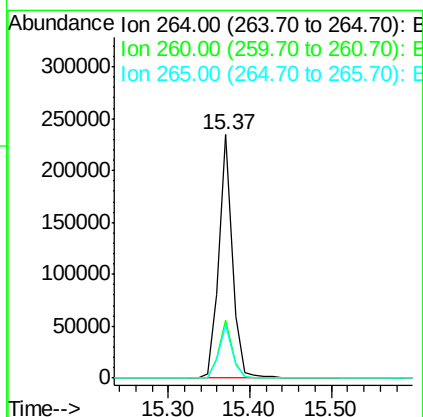
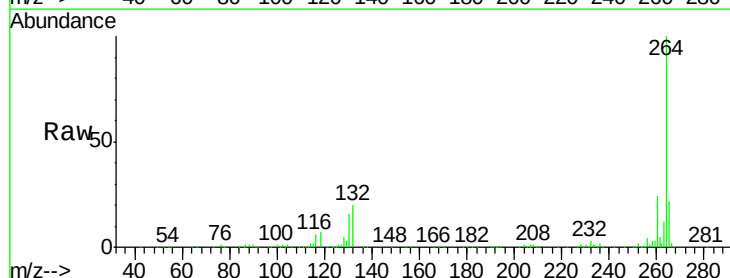
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

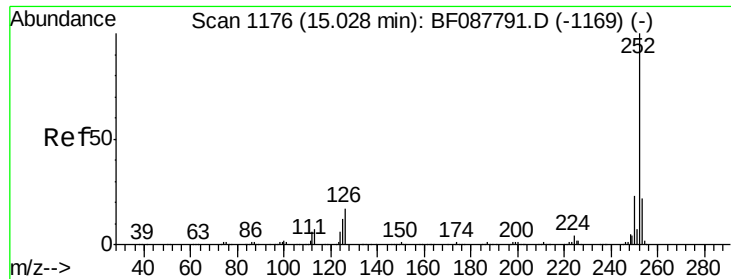
Tgt Ion: 276 Resp: 624598
 Ion Ratio Lower Upper
 276 100
 138 31.2 0.0 0.0#
 277 24.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF087947.D
 Acq: 12 Jun 2016 14:09

Tgt Ion: 264 Resp: 268997
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.8 16.9 25.3

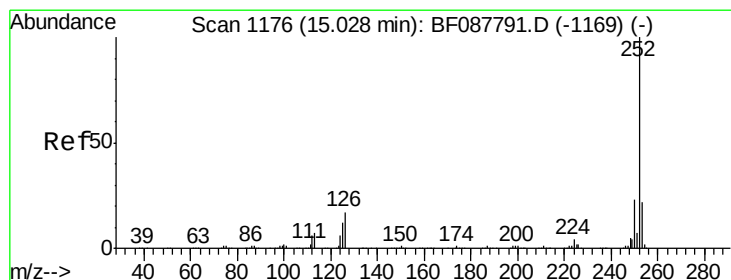
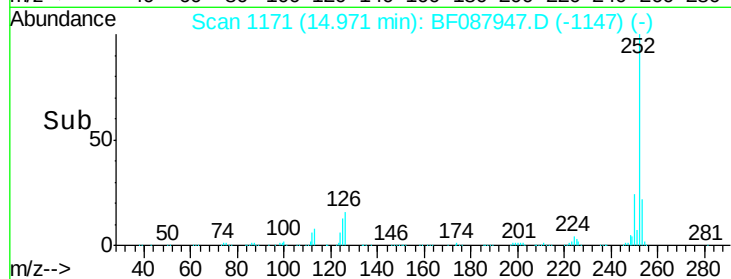
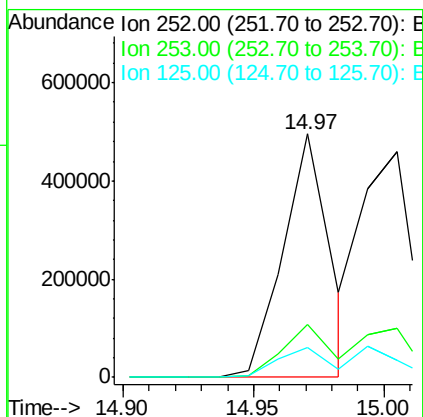
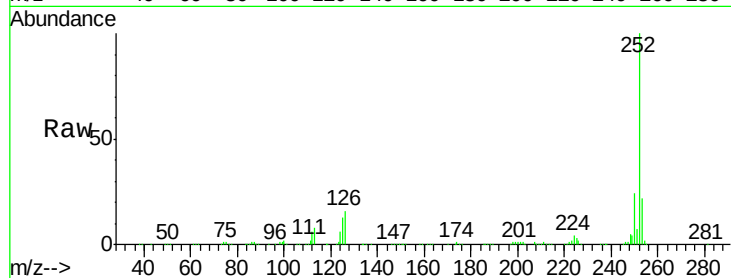




#87
Benzo(b)fluoranthene
Concen: 32.65 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

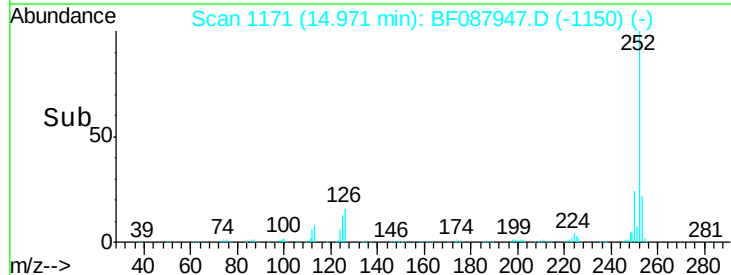
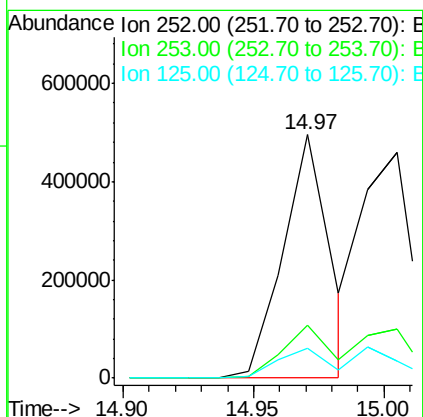
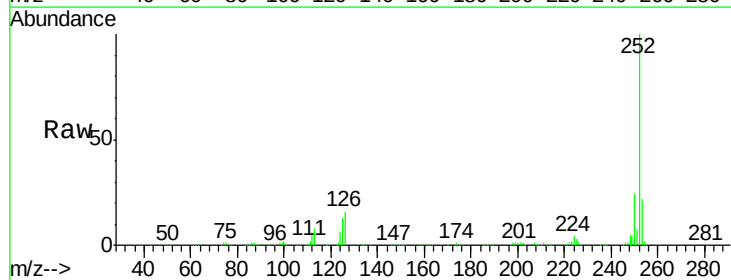
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

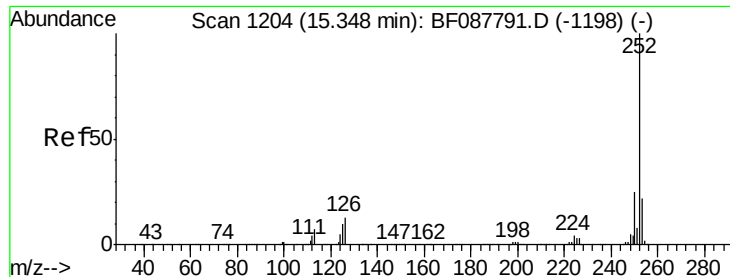
Tgt Ion:252 Resp: 612157
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 12.5 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 43.28 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.06 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Tgt Ion:252 Resp: 612157
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 12.5 11.2 16.8

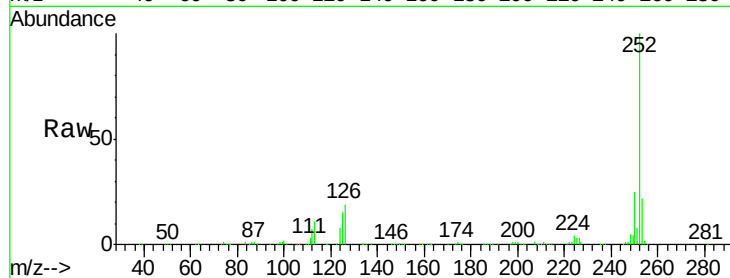




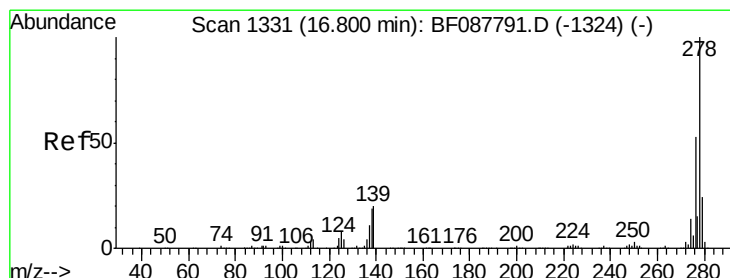
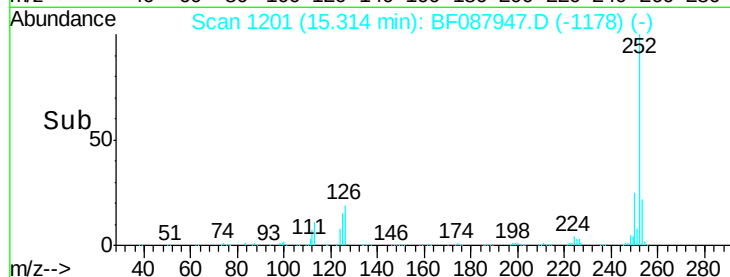
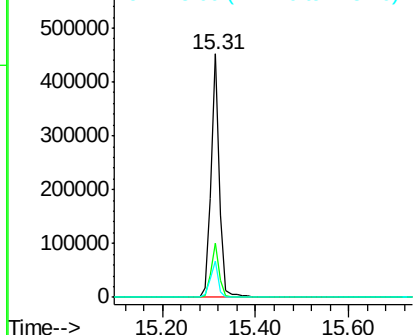
#89
Benzo(a)pyrene
Concen: 38.23 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 252 Resp: 579893
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 14.9 12.5 18.7

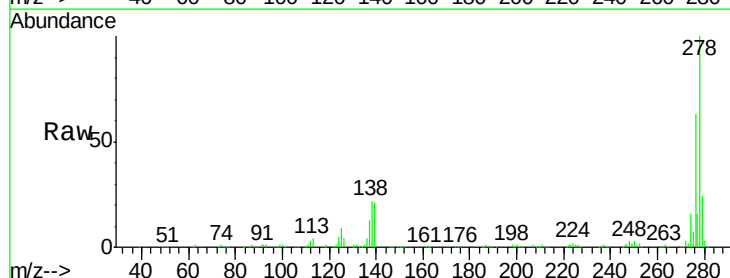


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

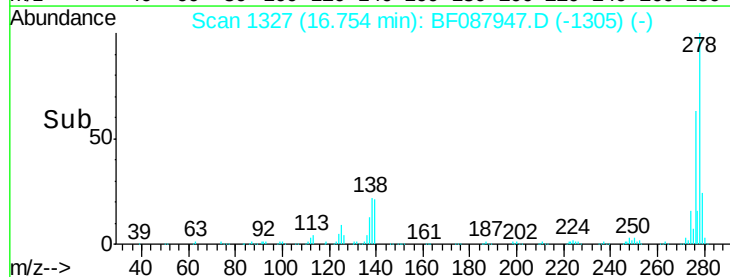
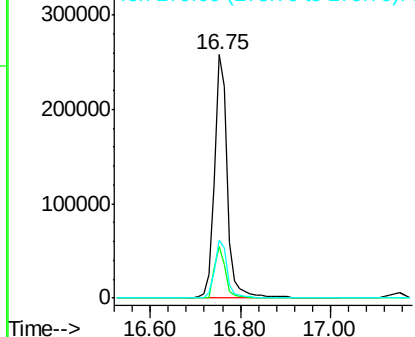


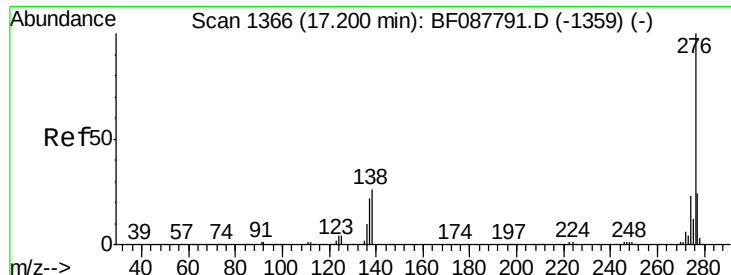
#90
Dibenzo(a,h)anthracene
Concen: 36.73 ng
RT: 16.75 min Scan# 1327
Delta R.T. -0.05 min
Lab File: BF087947.D
Acq: 12 Jun 2016 14:09

Tgt Ion: 278 Resp: 517442
Ion Ratio Lower Upper
278 100
139 21.3 15.7 23.5
279 23.8 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 34.46 ng

RT: 17.15 min Scan# 1362

Delta R.T. -0.05 min

Lab File: BF087947.D

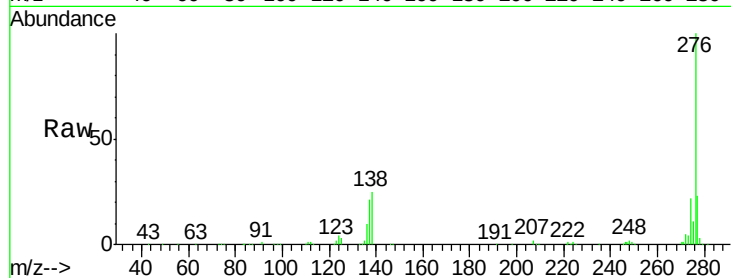
Acq: 12 Jun 2016 14:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



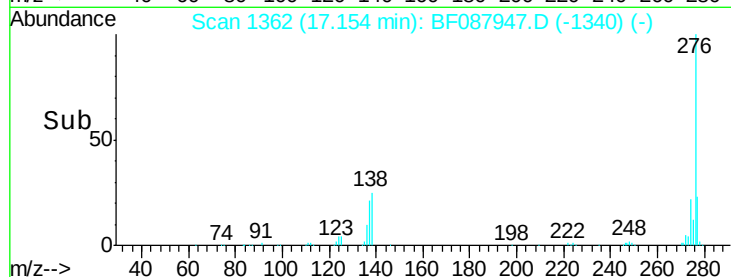
Tgt Ion: 276 Resp: 499443

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 24.6 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

