

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088187.D
 Acq On : 20 Jun 2016 22:50
 Operator : UM/SJ
 Sample : PB91471BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

Quant Time: Jun 21 01:05:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	83913	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	342553	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	166957	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	310292	20.00	ng	0.00
75) Chrysene-d12	13.81	240	222146	20.00	ng	0.00
86) Perylene-d12	15.18	264	209216	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	566023	115.31	ng	0.01
7) Phenol-d6	6.33	99	712269	119.73	ng	0.00
23) Nitrobenzene-d5	7.24	82	482771	82.30	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	173385	98.35	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	935171	88.20	ng	0.00
78) Terphenyl-d14	12.77	244	861494	88.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	78248	32.81	ng	# 39
3) Pyridine	2.87	79	209093	37.13	ng	93
4) n-Nitrosodimethylamine	2.82	42	90521	37.96	ng	80
6) Aniline	6.33	93	142666	16.85	ng	# 29
8) 2-Chlorophenol	6.46	128	250431	43.10	ng	92
10) Phenol	6.34	94	306427	50.18	ng	91
11) bis(2-Chloroethyl)ether	6.41	93	214886	41.20	ng	91
12) 1,3-Dichlorobenzene	6.60	146	254707	40.86	ng	98
13) 1,4-Dichlorobenzene	6.68	146	266577	42.45	ng	98
14) 1,2-Dichlorobenzene	6.68	146	266577	46.68	ng	96
15) Benzyl Alcohol	6.82	79	163797	35.20	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	249934	35.47	ng	70
17) 2-Methylphenol	6.95	107	199926	42.43	ng	97
18) Hexachloroethane	7.18	117	94851	42.57	ng	91
19) n-Nitroso-di-n-propylamine	7.10	70	162535	42.71	ng	# 86
20) 3+4-Methylphenols	7.11	107	261348	47.54	ng	# 75
22) Acetophenone	7.08	105	317071	41.42	ng	# 98
24) Nitrobenzene	7.26	77	227961	40.12	ng	91
25) Isophorone	7.50	82	441593	40.64	ng	99
26) 2-Nitrophenol	7.58	139	139006	45.67	ng	# 85
27) 2,4-Dimethylphenol	7.63	122	225000	40.15	ng	100
28) bis(2-Chloroethoxy)methane	7.71	93	282617	41.94	ng	# 96
29) 2,4-Dichlorophenol	7.83	162	214253	45.79	ng	94
30) 1,2,4-Trichlorobenzene	7.90	180	205662	40.36	ng	99
31) Naphthalene	7.98	128	718191	42.37	ng	99
32) Benzoic acid	7.77	122	92935	30.11	ng	91
33) 4-Chloroaniline	8.03	127	94216	12.45	ng	97
34) Hexachlorobutadiene	8.09	225	108405	40.34	ng	98
35) Caprolactam	8.41	113	44520	28.72	ng	# 85
36) 4-Chloro-3-methylphenol	8.54	107	224562	44.87	ng	100
37) 2-Methylnaphthalene	8.66	142	459396	41.12	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	197135	45.56	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	128736	47.80	ng	99
42) 2,4,6-Trichlorophenol	8.96	196	128594	38.52	ng	100

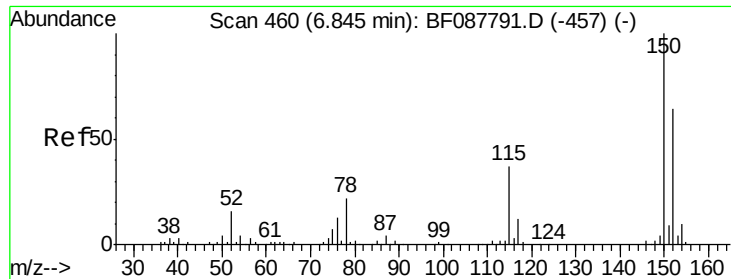
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
 Data File : BF088187.D
 Acq On : 20 Jun 2016 22:50
 Operator : UM/SJ
 Sample : PB91471BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

Quant Time: Jun 21 01:05:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	142759	41.10	ng	98
45) 1,1'-Biphenyl	9.13	154	567291	45.31	ng	98
46) 2-Chloronaphthalene	9.15	162	441441	40.86	ng	99
47) 2-Nitroaniline	9.26	65	121032	37.98	ng	91
48) Acenaphthylene	9.56	152	665597	38.73	ng	99
49) Dimethylphthalate	9.44	163	519784	42.98	ng	100
50) 2,6-Dinitrotoluene	9.51	165	123022	44.42	ng	# 83
51) Acenaphthene	9.74	154	415054	38.72	ng	99
52) 3-Nitroaniline	9.67	138	60146	18.82	ng	94
53) 2,4-Dinitrophenol	9.78	184	78191	56.10	ng	98
54) Dibenzofuran	9.91	168	558720	37.84	ng	# 89
55) 4-Nitrophenol	9.86	139	130984	52.80	ng	# 75
56) 2,4-Dinitrotoluene	9.91	165	147839	41.53	ng	# 60
57) Fluorene	10.25	166	471823	47.57	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.03	232	115465	42.30	ng	# 57
59) Diethylphthalate	10.14	149	548930	44.84	ng	100
60) 4-Chlorophenyl-phenylether	10.24	204	188082	38.31	ng	90
61) 4-Nitroaniline	10.28	138	117796	38.86	ng	98
62) Azobenzene	10.40	77	498022	41.14	ng	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	68981	36.17	ng	# 63
65) n-Nitrosodiphenylamine	10.36	169	422537	41.04	ng	100
66) 4-Bromophenyl-phenylether	10.73	248	139657	41.95	ng	# 92
67) Hexachlorobenzene	10.80	284	146080	42.23	ng	# 71
68) Atrazine	10.90	200	143650	46.07	ng	96
69) Pentachlorophenol	10.99	266	96583	52.97	ng	98
70) Phenanthrene	11.21	178	708857	43.54	ng	98
71) Anthracene	11.26	178	687572	41.86	ng	100
72) Carbazole	11.42	167	651134	42.37	ng	100
73) Di-n-butylphthalate	11.75	149	780569	40.12	ng	100
74) Fluoranthene	12.39	202	736277	42.85	ng	98
76) Benzidine	12.51	184	216912	35.26	ng	97
77) Pyrene	12.62	202	761098	46.17	ng	99
79) Butylbenzylphthalate	13.23	149	339548	46.59	ng	# 84
80) Benzo(a)anthracene	13.79	228	543287	42.92	ng	99
81) 3,3'-Dichlorobenzidine	13.76	252	114763	33.71	ng	# 93
82) Chrysene	13.84	228	624152	52.41	ng	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	420725	47.42	ng	99
84) Di-n-octyl phthalate	14.40	149	843105	58.48	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.47	276	497516	44.96	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	1102181	75.58	ng	99
88) Benzo(k)fluoranthene	14.83	252	1102600	100.24	ng	# 95
89) Benzo(a)pyrene	15.13	252	529944	44.92	ng	# 94
90) Dibenzo(a,h)anthracene	16.48	278	419403	38.28	ng	95
91) Benzo(g,h,i)perylene	16.86	276	430410	38.19	ng	97

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

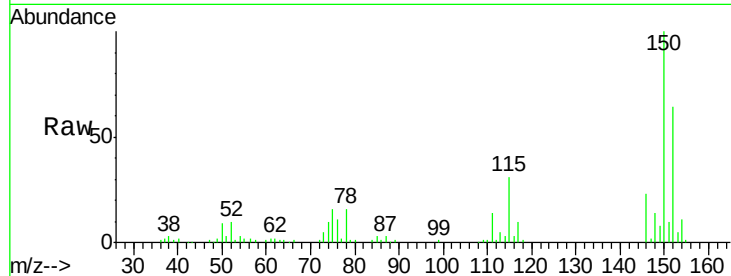


#1

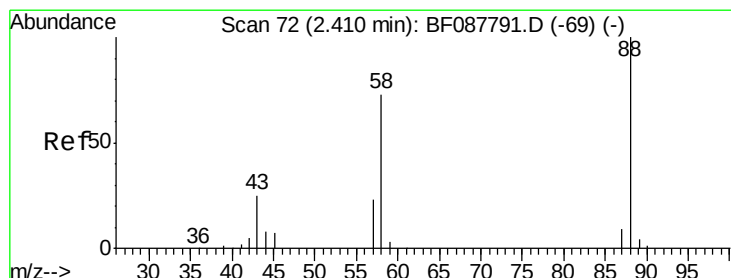
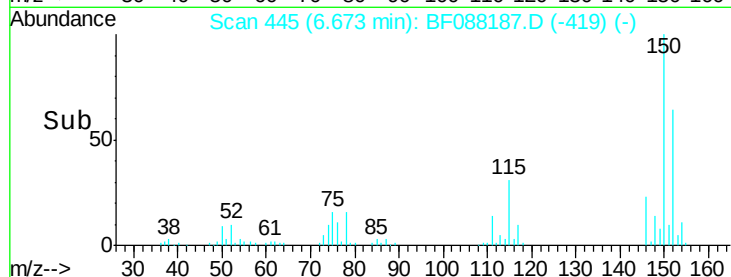
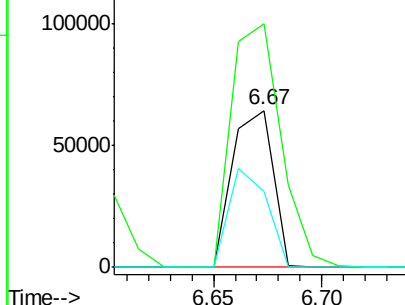
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Instrument :
BNA_F
ClientSampled :
PB91325BS

Tgt Ion:152 Resp: 83913
Ion Ratio Lower Upper
152 100
150 155.2 123.8 185.6
115 48.3 39.6 59.4



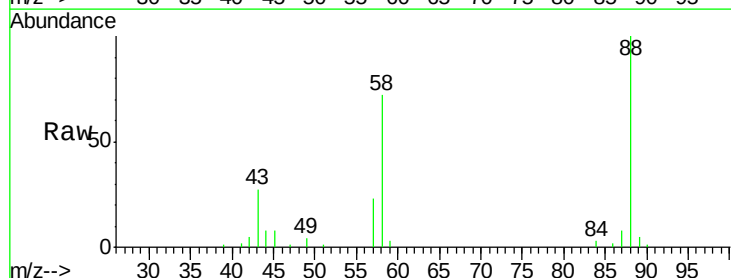
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



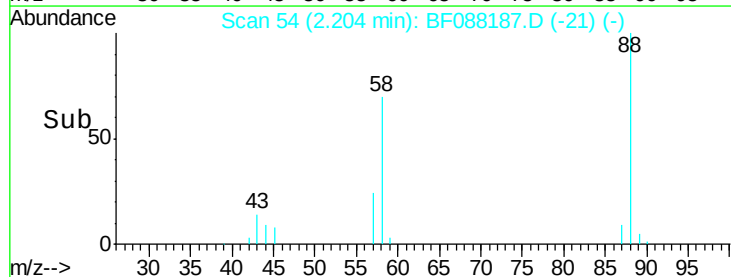
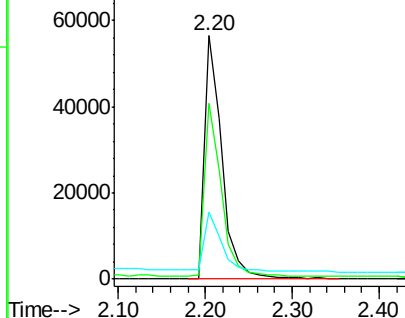
#2

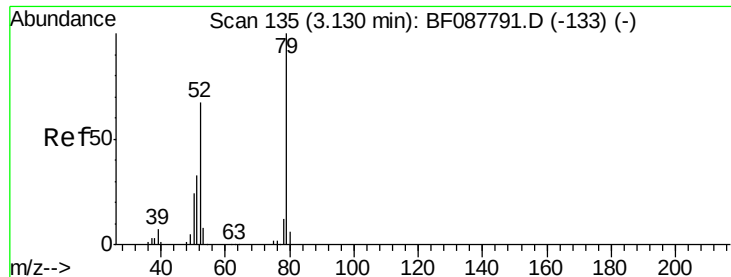
1,4-Dioxane
Concen: 32.81 ng
RT: 2.20 min Scan# 54
Delta R.T. 0.08 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Tgt Ion: 88 Resp: 78248
Ion Ratio Lower Upper
88 100
58 68.4 0.0 0.0#
43 24.3 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: 37.13 ng

RT: 2.87 min Scan# 112

Delta R.T. 0.07 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

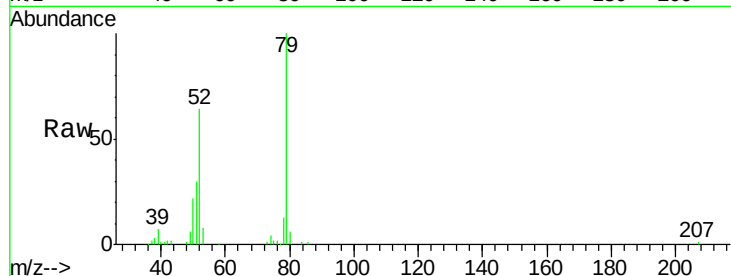
Tgt Ion: 79 Resp: 209093

Ion Ratio Lower Upper

79 100

52 64.2 56.3 84.5

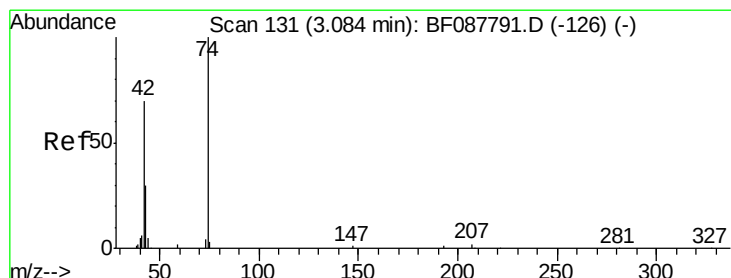
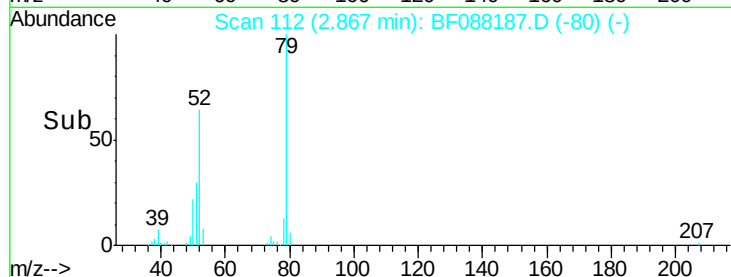
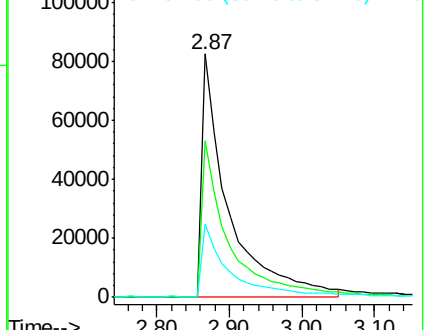
51 30.4 27.4 41.2



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: 37.96 ng

RT: 2.82 min Scan# 108

Delta R.T. 0.07 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

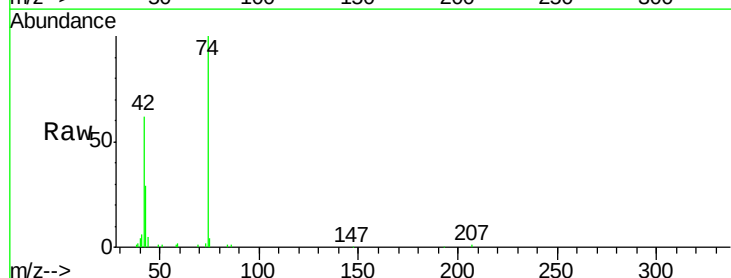
Tgt Ion: 42 Resp: 90521

Ion Ratio Lower Upper

42 100

74 160.9 108.6 163.0

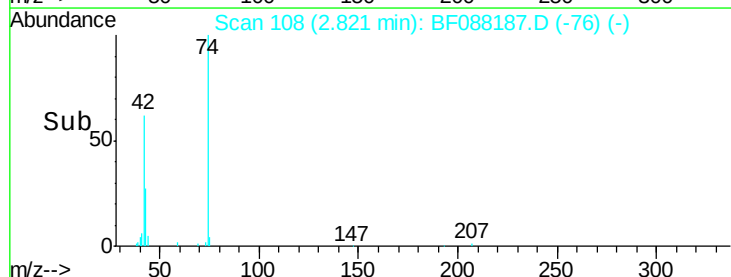
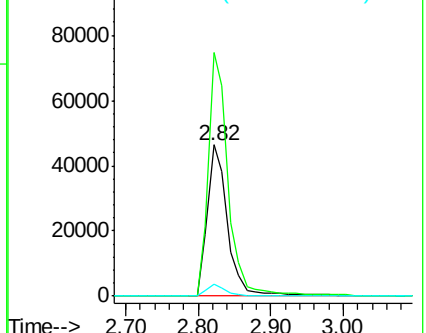
44 7.7 5.5 8.3

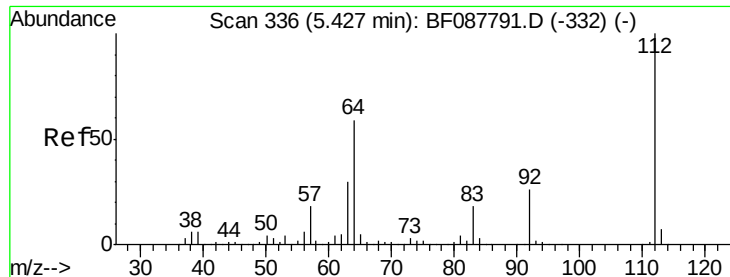


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 115.31 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

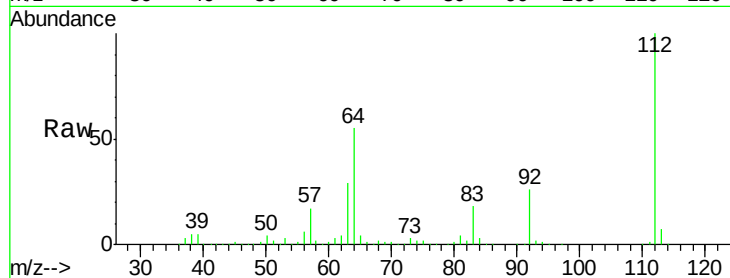
Tgt Ion: 112 Resp: 566023

Ion Ratio Lower Upper

112 100

64 55.4 42.2 63.2

63 28.9 21.8 32.8



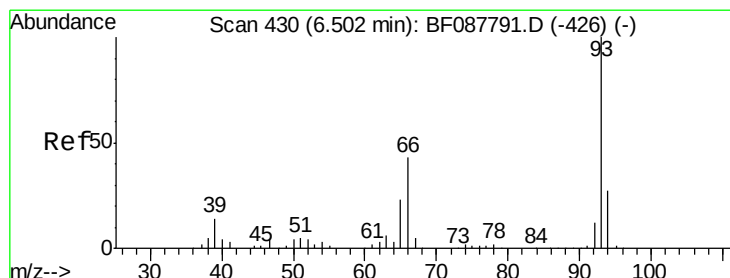
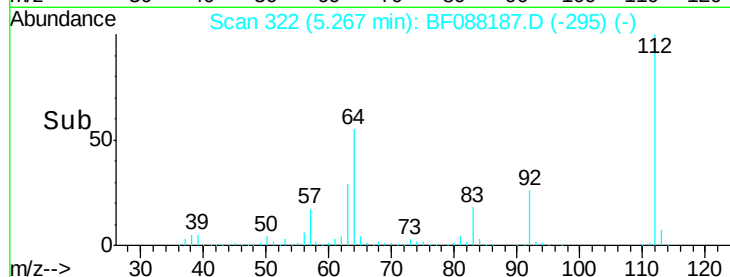
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.27

Time-->



#6

Aniline

Concen: 16.85 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

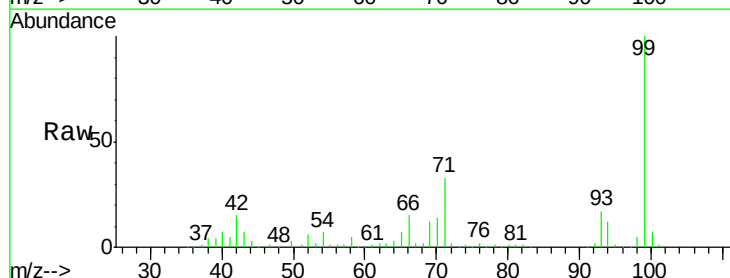
Tgt Ion: 93 Resp: 142666

Ion Ratio Lower Upper

93 100

66 86.7 29.8 44.8#

65 40.3 14.9 22.3#



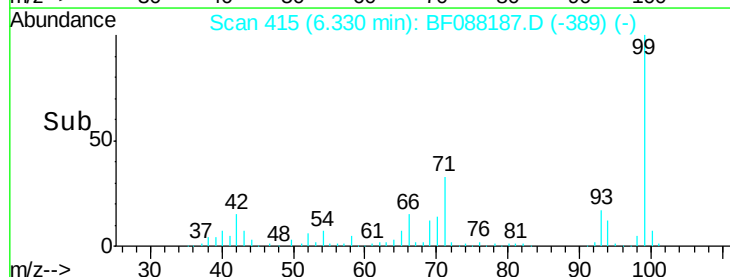
Abundance Ion 93.00 (92.70 to 93.70): BF0

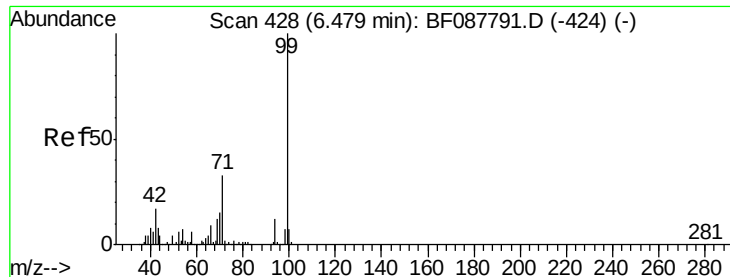
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.33

Time-->





#7

Phenol-d6

Concen: 119.73 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

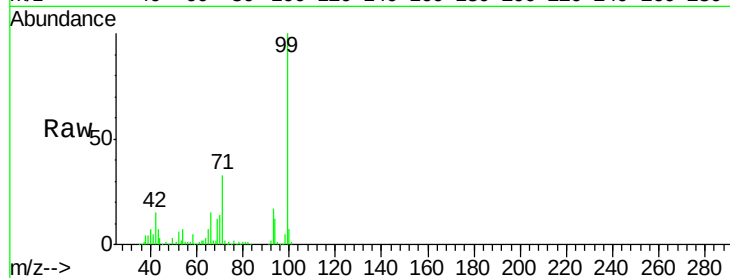
Tgt Ion: 99 Resp: 712269

Ion Ratio Lower Upper

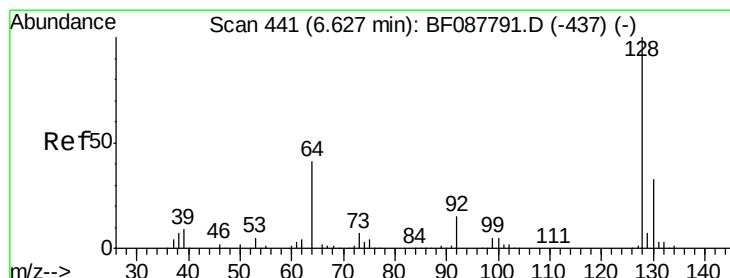
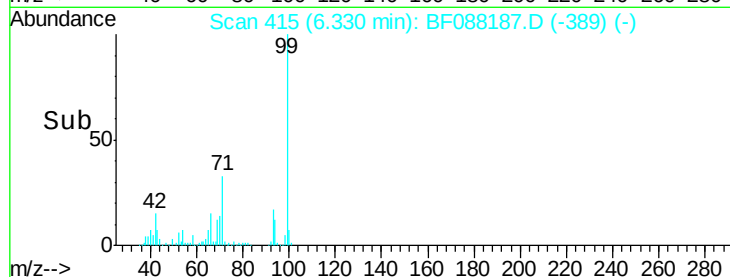
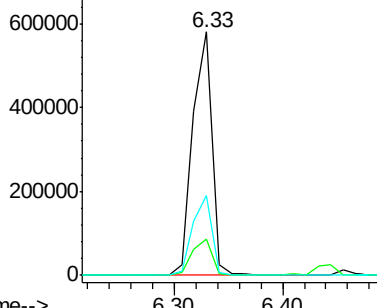
99 100

42 14.7 12.2 18.2

71 32.7 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.10 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

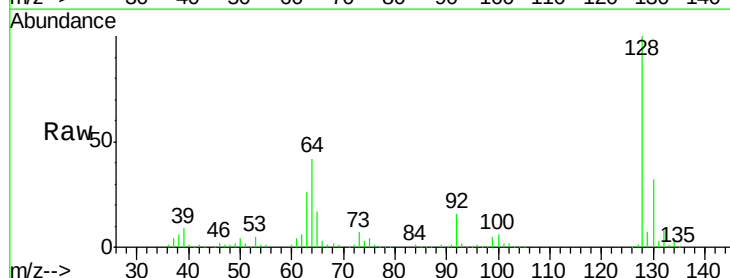
Tgt Ion: 128 Resp: 250431

Ion Ratio Lower Upper

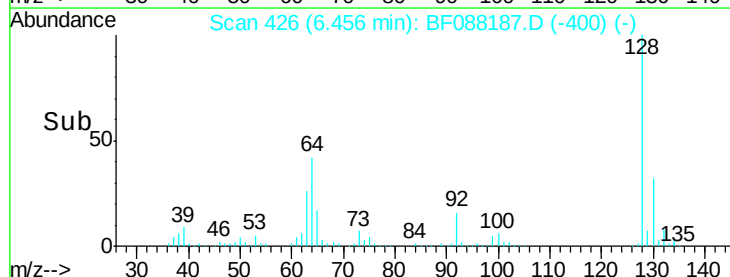
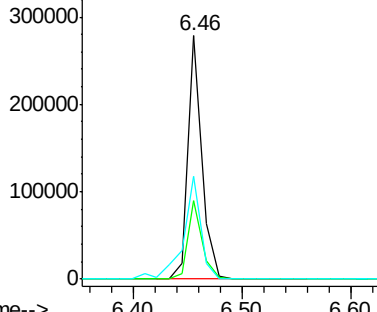
128 100

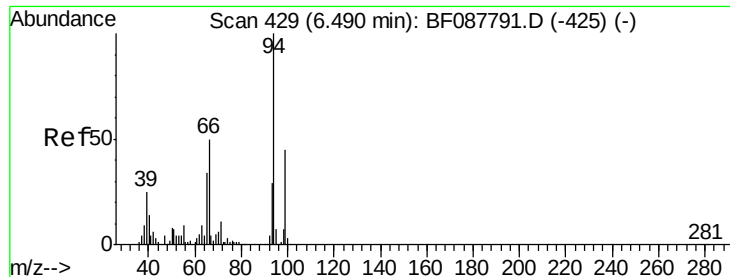
130 32.4 12.0 52.0

64 42.2 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





#10

Phenol

Concen: 50.18 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

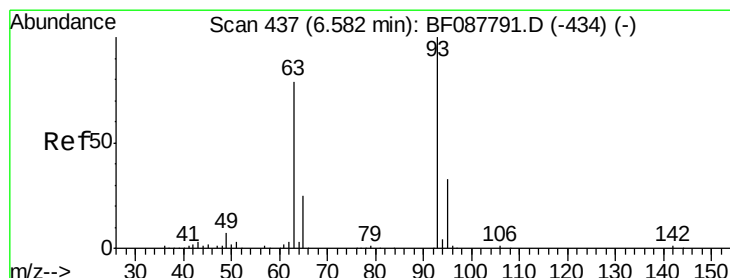
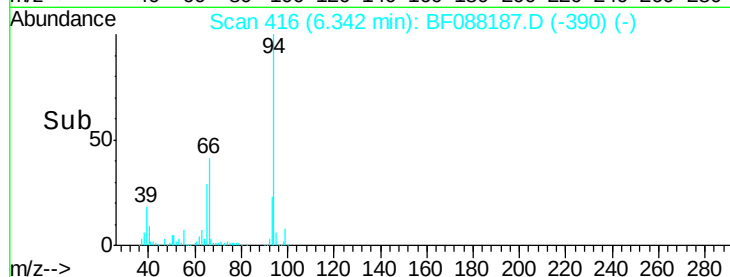
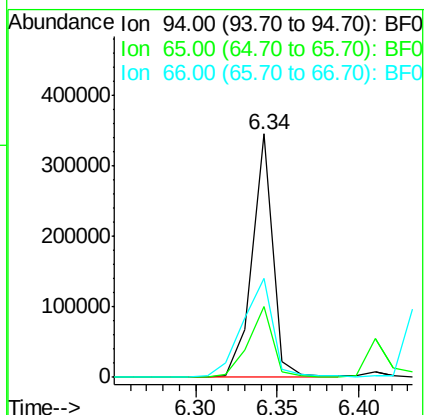
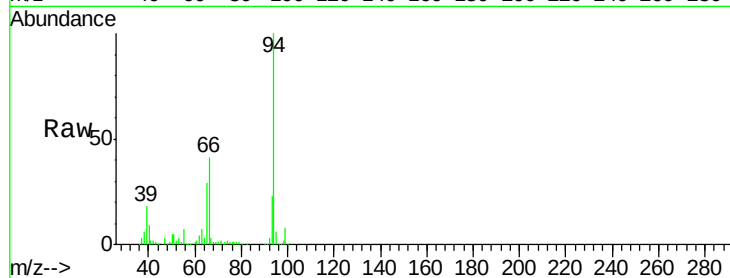
Tgt Ion: 94 Resp: 306427

Ion Ratio Lower Upper

94 100

65 28.9 5.9 45.9

66 40.9 14.0 54.0



#11

bis(2-Chloroethyl)ether

Concen: 41.20 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

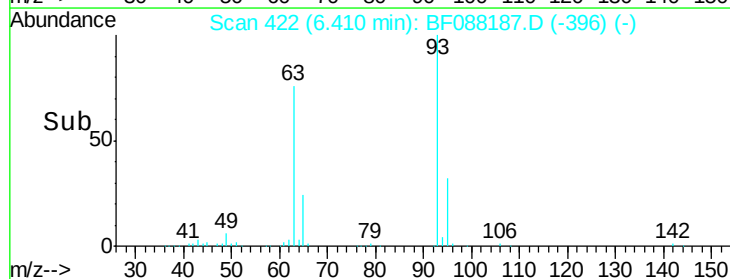
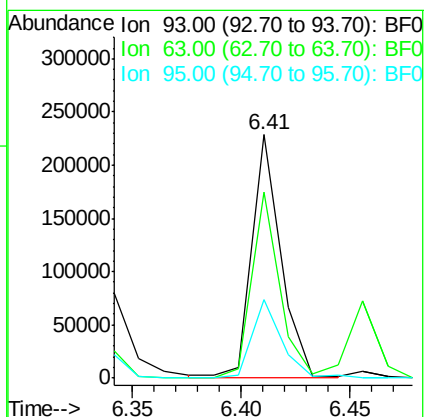
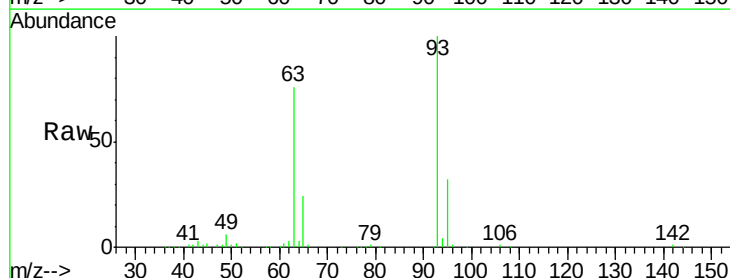
Tgt Ion: 93 Resp: 214886

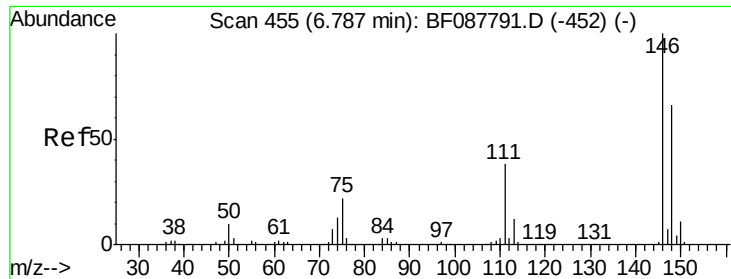
Ion Ratio Lower Upper

93 100

63 76.3 67.6 107.6

95 32.2 12.5 52.5

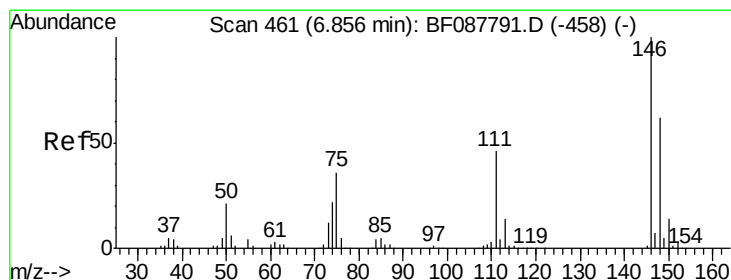
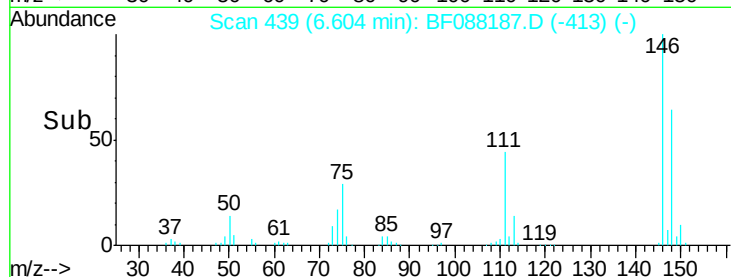
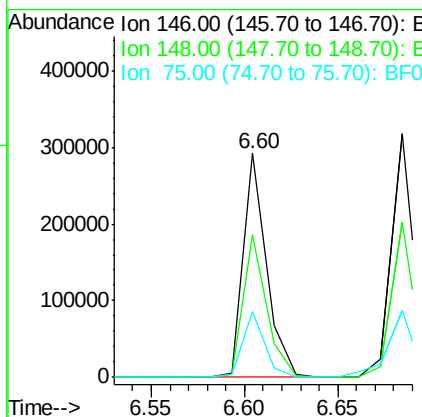
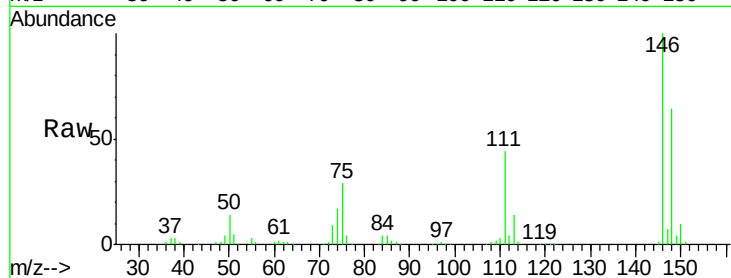




#12
 1,3-Dichlorobenzene
 Concen: 40.86 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

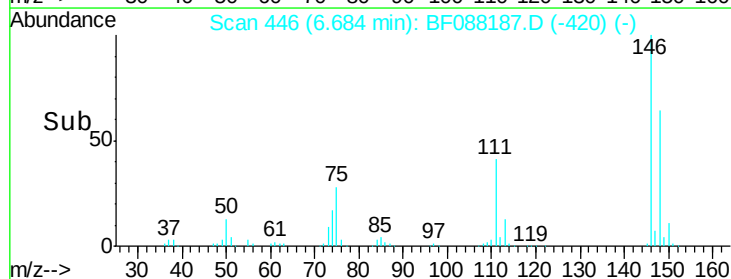
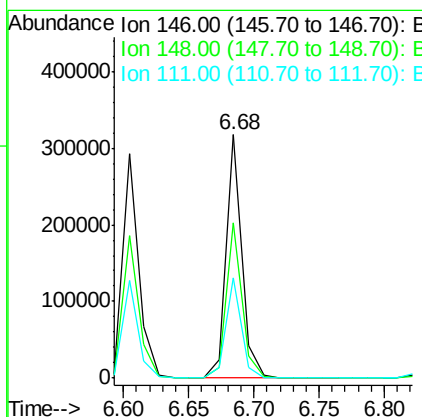
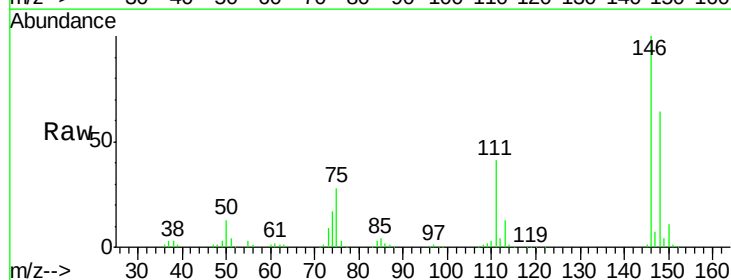
Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

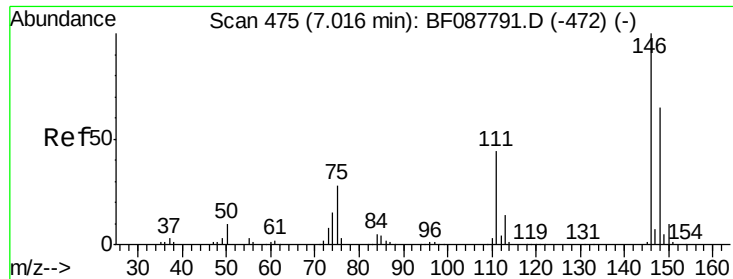
Tgt Ion:146 Resp: 254707
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.9 76.3
 75 29.2 25.6 38.4



#13
 1,4-Dichlorobenzene
 Concen: 42.45 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion:146 Resp: 266577
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.0 78.0
 111 41.2 33.8 50.8

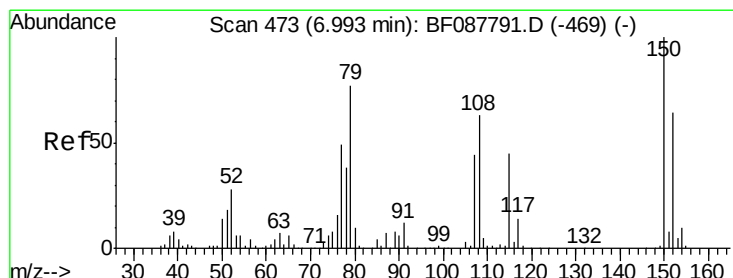
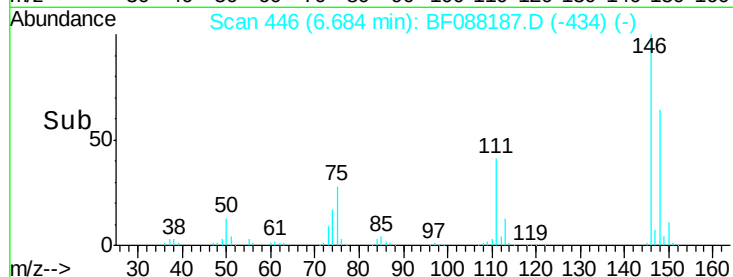
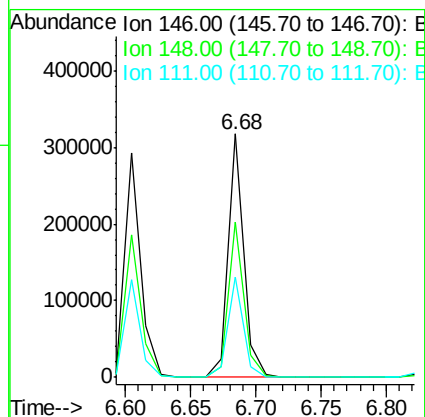
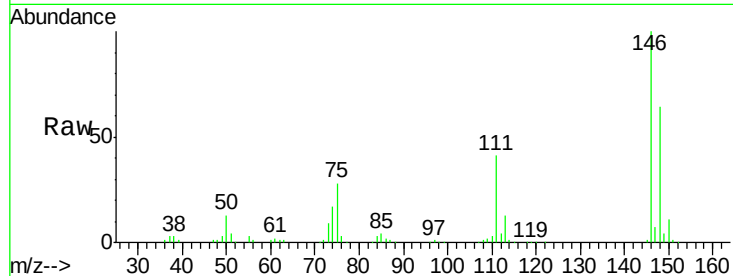




#14
1,2-Dichlorobenzene
Concen: 46.68 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.16 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

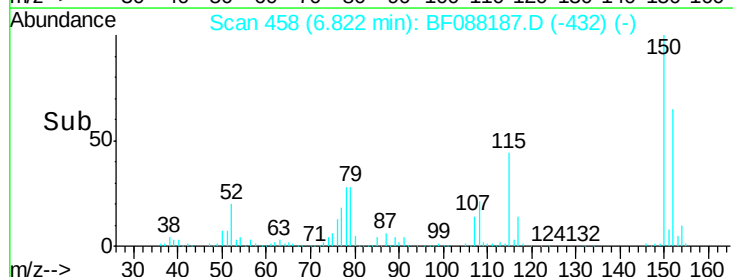
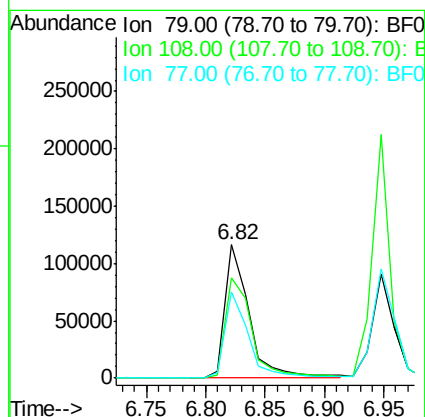
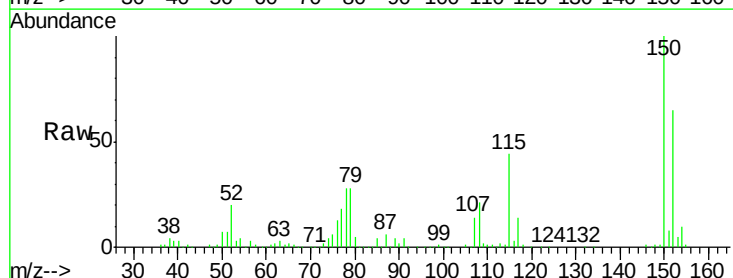
Instrument :
BNA_F
ClientSampleId :
PB91325BS

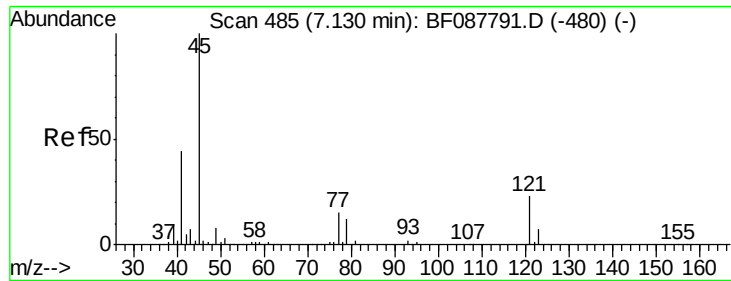
Tgt Ion: 146 Resp: 266577
Ion Ratio Lower Upper
146 100
148 63.9 52.3 78.5
111 41.2 28.7 43.1



#15
Benzyl Alcohol
Concen: 35.20 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Tgt Ion: 79 Resp: 163797
Ion Ratio Lower Upper
79 100
108 74.8 65.0 97.6
77 64.3 50.3 75.5

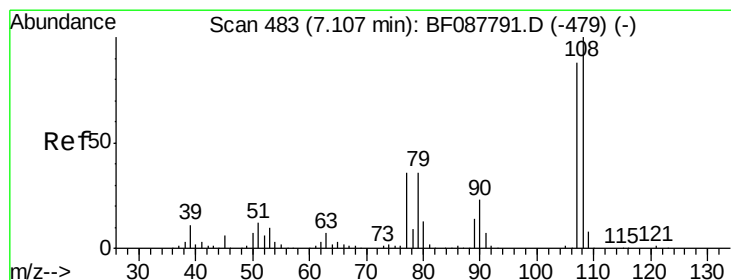
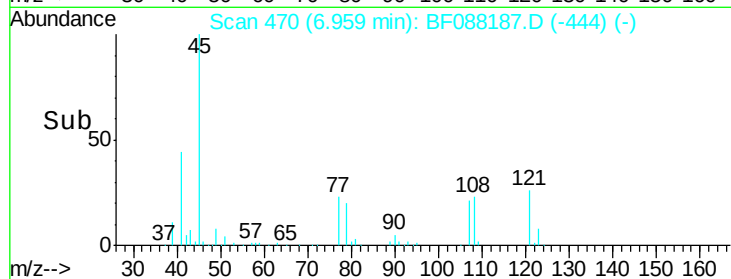
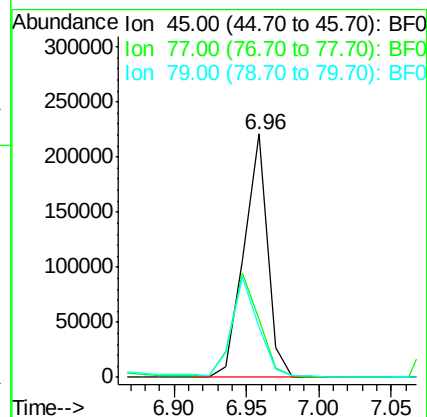
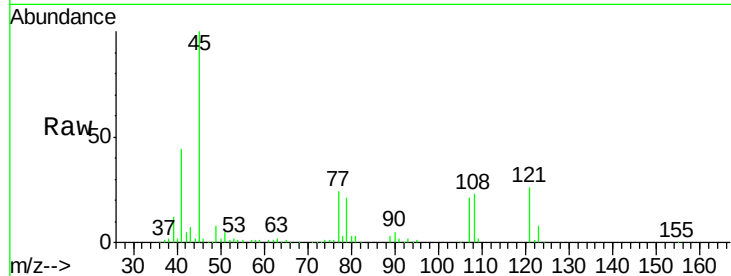




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.47 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

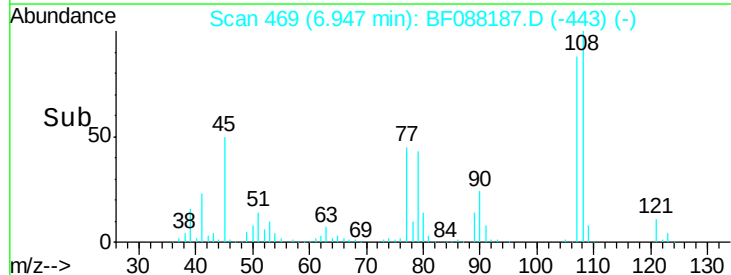
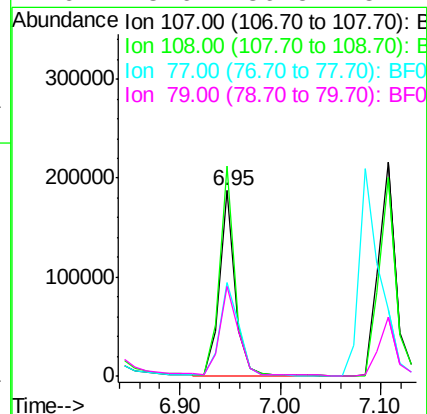
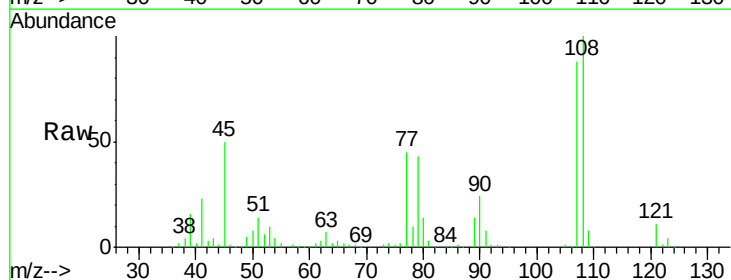
Instrument :
BNA_F
ClientSampleId :
PB91325BS

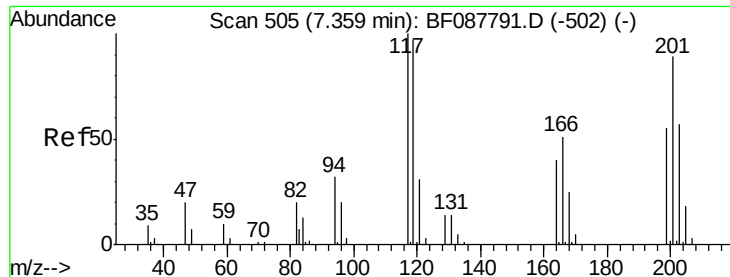
Tgt Ion: 45 Resp: 249934
Ion Ratio Lower Upper
45 100
77 23.9 0.0 32.5
79 20.6 0.0 29.5



#17
2-Methylphenol
Concen: 42.43 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Tgt Ion: 107 Resp: 199926
Ion Ratio Lower Upper
107 100
108 113.5 90.9 136.3
77 50.7 36.6 55.0
79 48.6 36.5 54.7

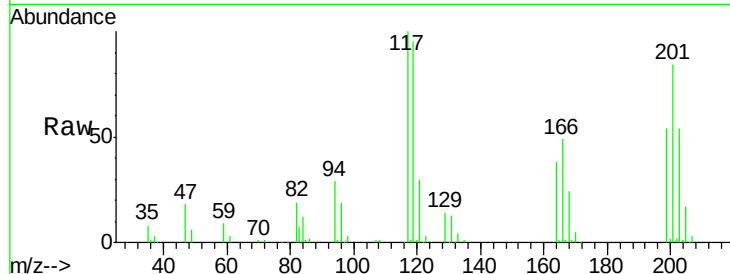




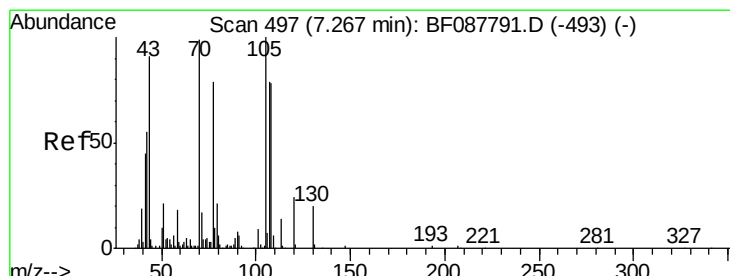
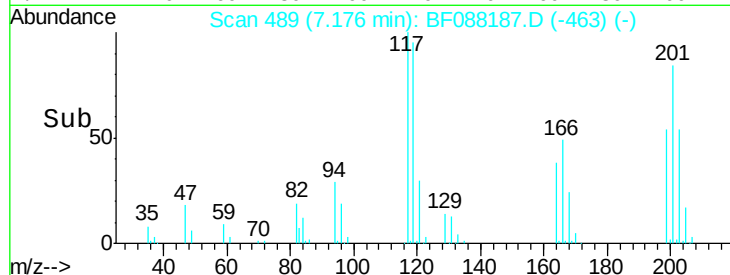
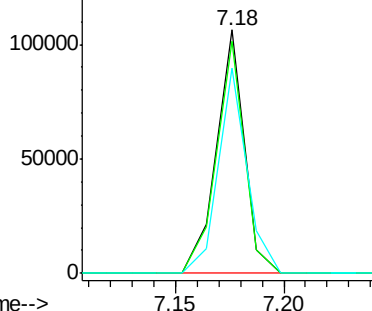
#18
Hexachloroethane
Concen: 42.57 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB91325BS

Tgt Ion: 117 Resp: 94851
Ion Ratio Lower Upper
117 100
119 95.1 77.4 116.2
201 84.5 80.4 120.6

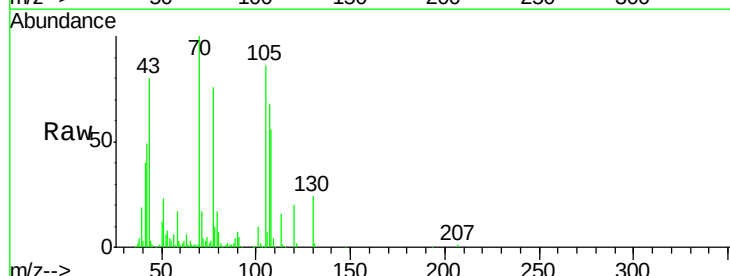


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

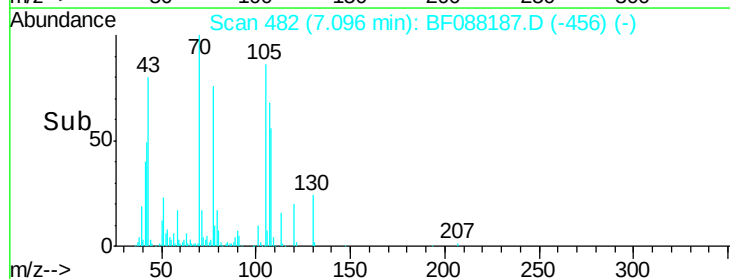
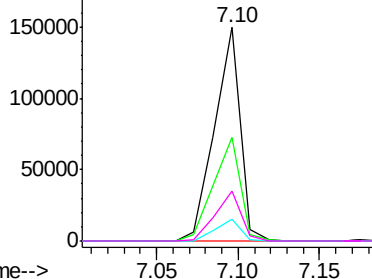


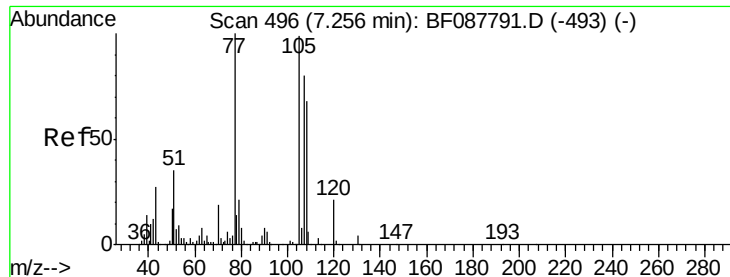
#19
n-Nitroso-di-n-propylamine
Concen: 42.71 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Tgt Ion: 70 Resp: 162535
Ion Ratio Lower Upper
70 100
42 48.6 49.6 74.4#
101 9.9 7.1 10.7
130 23.6 15.4 23.2#



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





#20

3+4-Methylphenols

Concen: 47.54 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

Tgt Ion:107 Resp: 261348

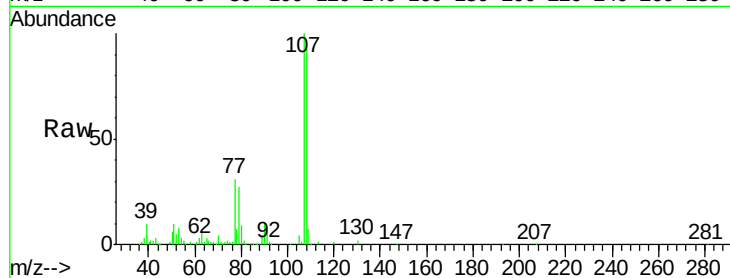
Ion Ratio Lower Upper

107 100

108 92.7 67.8 107.8

77 31.3 59.3 99.3#

79 27.3 7.0 47.0

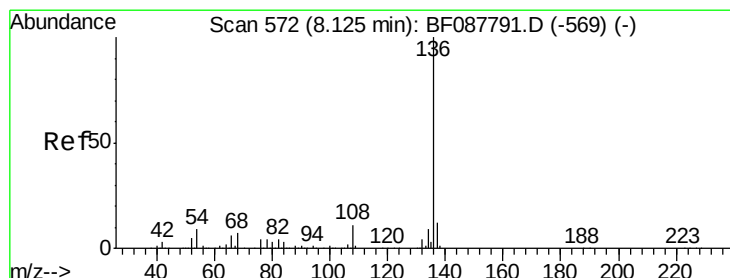
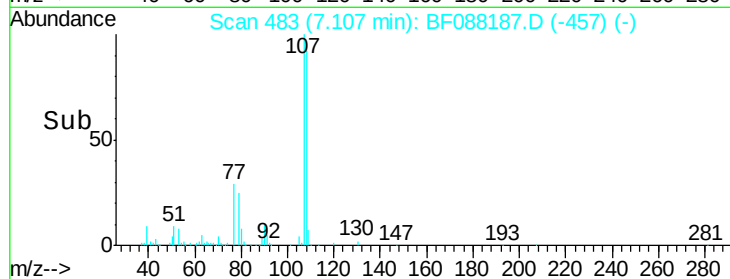
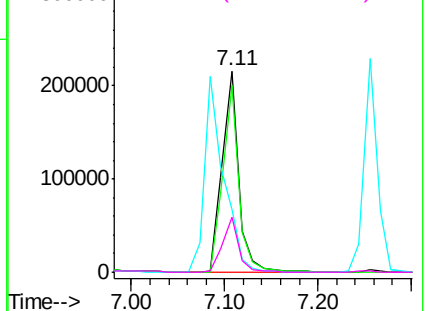


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Tgt Ion:136 Resp: 342553

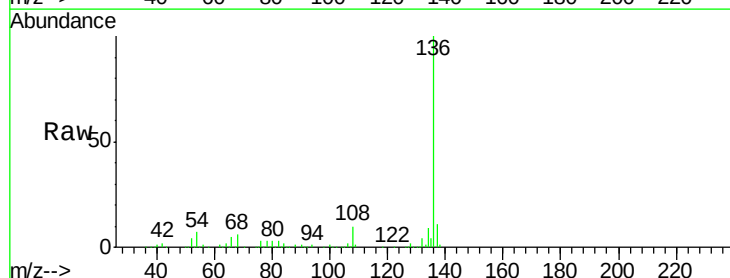
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.0 6.6 10.0

68 5.8 5.1 7.7

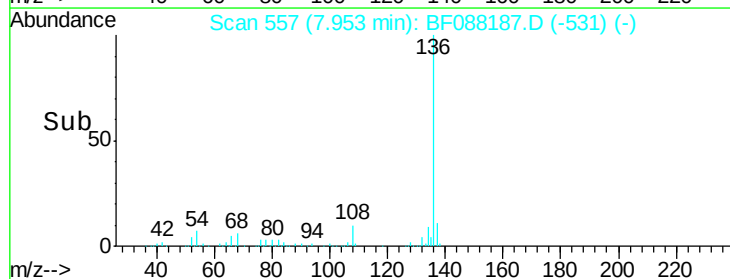
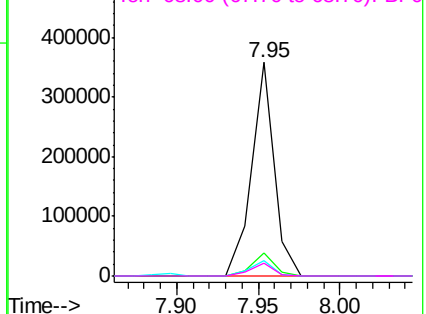


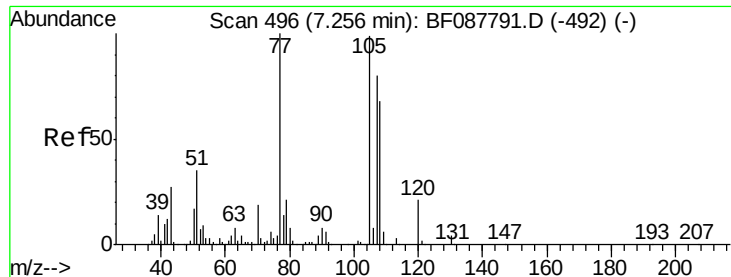
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

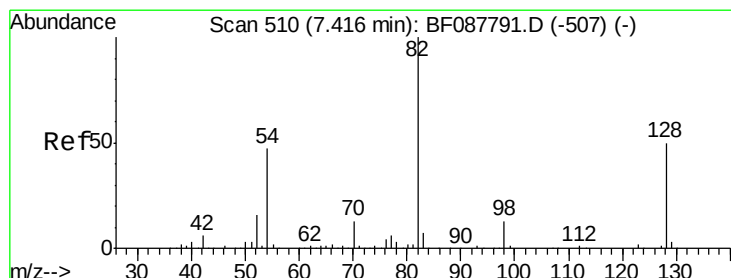
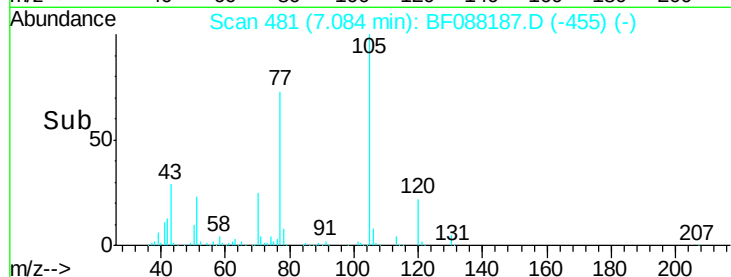
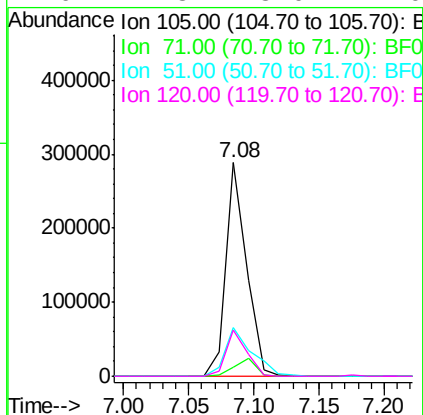
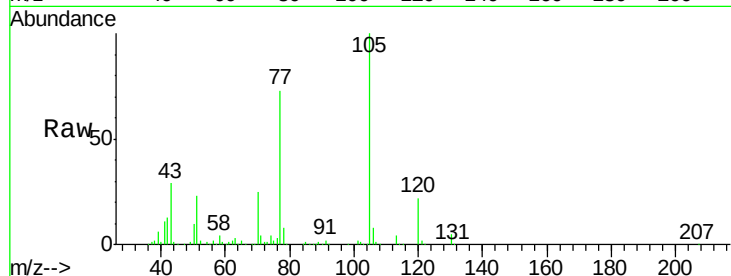




#22
Acetophenone
Concen: 41.42 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

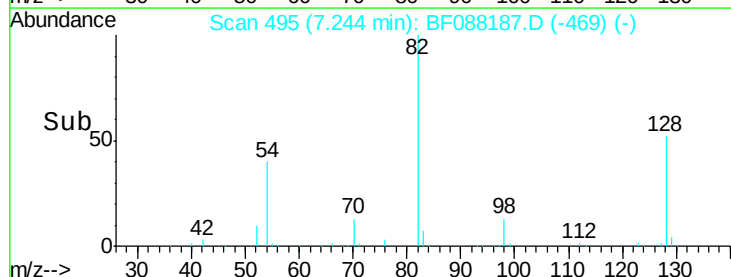
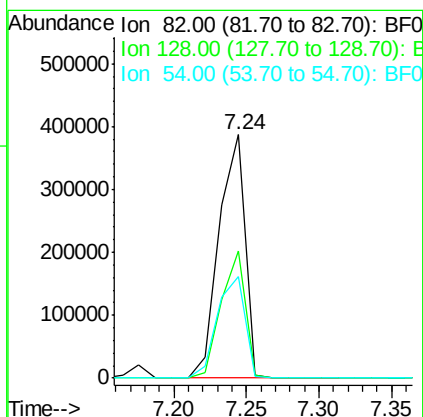
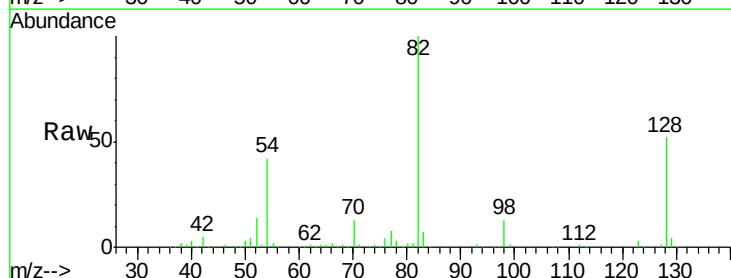
Instrument :
BNA_F
ClientSampleId :
PB91325BS

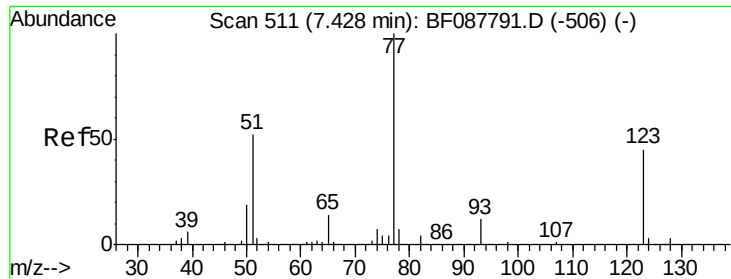
Tgt Ion: 105 Resp: 317071
Ion Ratio Lower Upper
105 100
71 4.2 5.3 7.9#
51 22.6 18.2 27.4
120 21.8 18.0 27.0



#23
Nitrobenzene-d5
Concen: 82.30 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Tgt Ion: 82 Resp: 482771
Ion Ratio Lower Upper
82 100
128 52.2 35.9 53.9
54 41.9 40.9 61.3

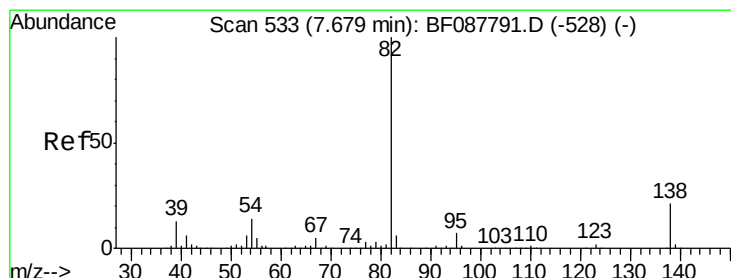
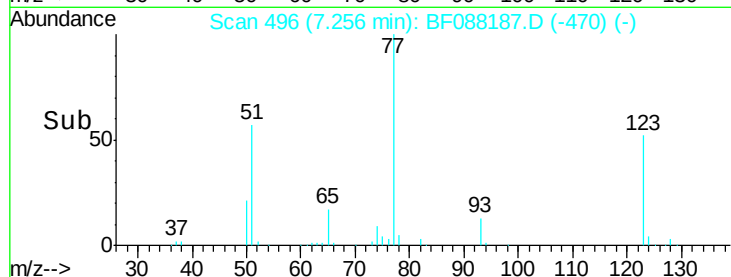
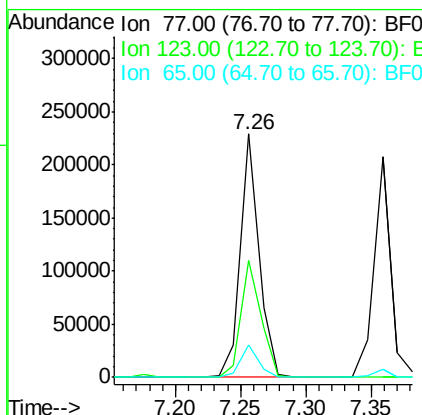
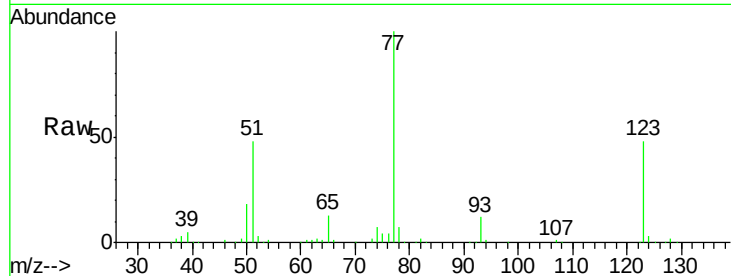




#24
 Nitrobenzene
 Concen: 40.12 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

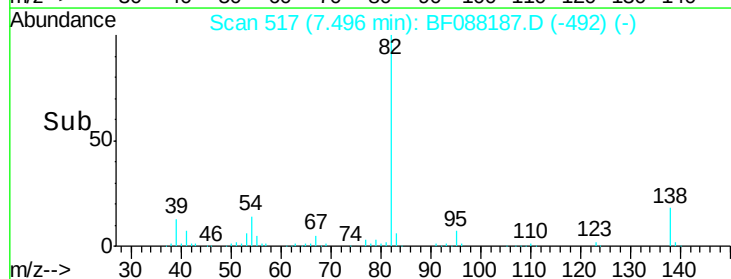
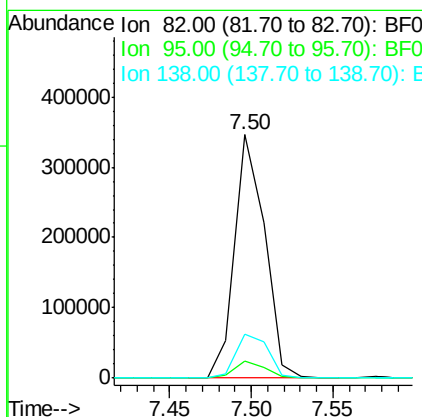
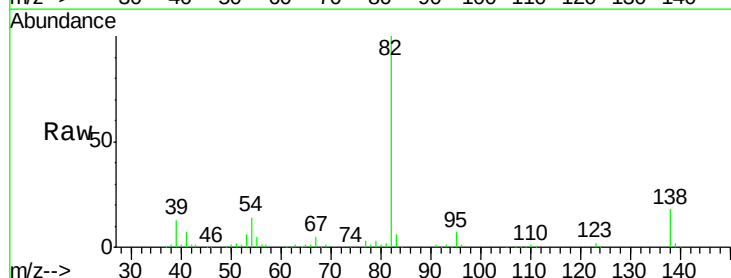
Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

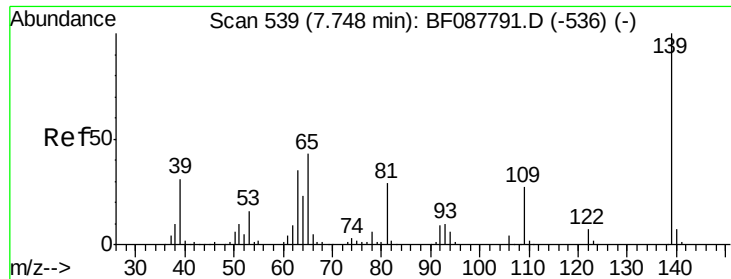
Tgt Ion: 77 Resp: 227961
 Ion Ratio Lower Upper
 77 100
 123 48.1 45.0 67.4
 65 13.4 10.2 15.2



#25
 Isophorone
 Concen: 40.64 ng
 RT: 7.50 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion: 82 Resp: 441593
 Ion Ratio Lower Upper
 82 100
 95 6.9 5.4 8.2
 138 17.9 14.6 21.8

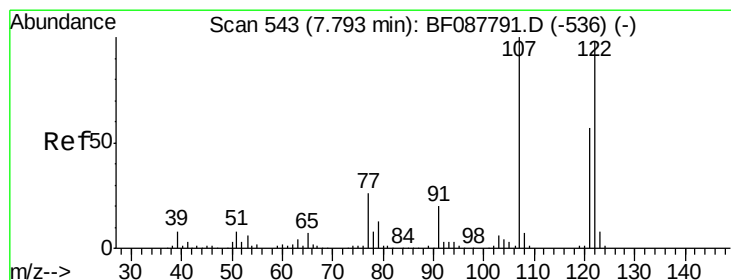
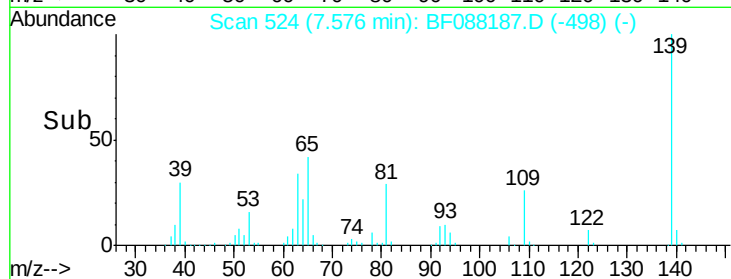
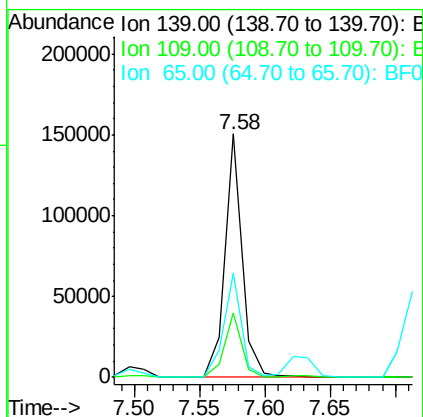
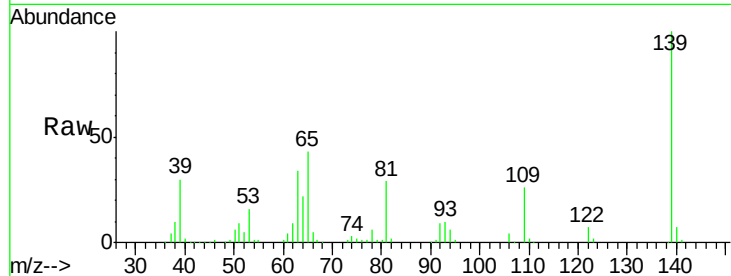




#26
2-Nitrophenol
Concen: 45.67 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

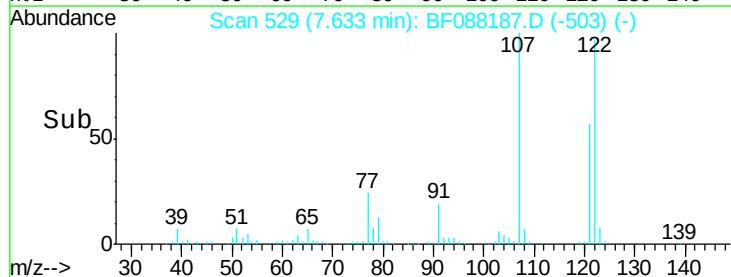
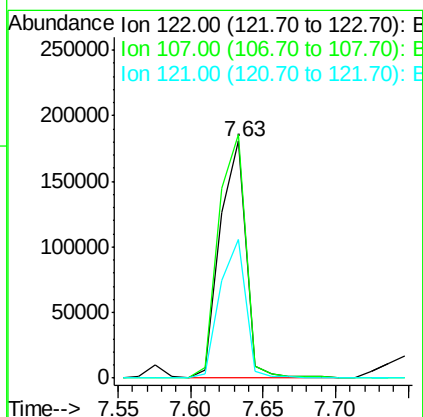
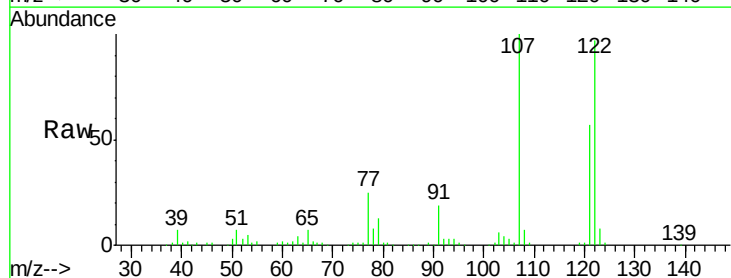
Instrument :
BNA_F
ClientSampleId :
PB91325BS

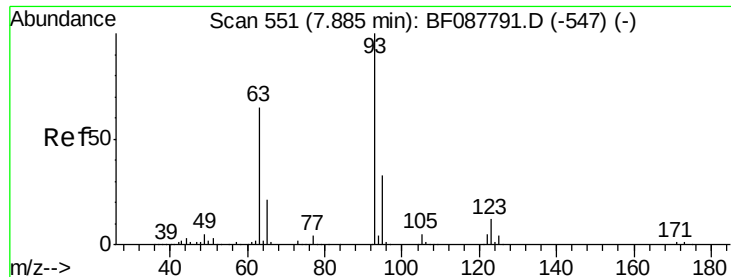
Tgt Ion:139 Resp: 139006
Ion Ratio Lower Upper
139 100
109 26.4 23.0 34.4
65 42.7 45.8 68.8#



#27
2,4-Dimethylphenol
Concen: 40.15 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Tgt Ion:122 Resp: 225000
Ion Ratio Lower Upper
122 100
107 102.9 82.4 123.6
121 58.4 46.3 69.5

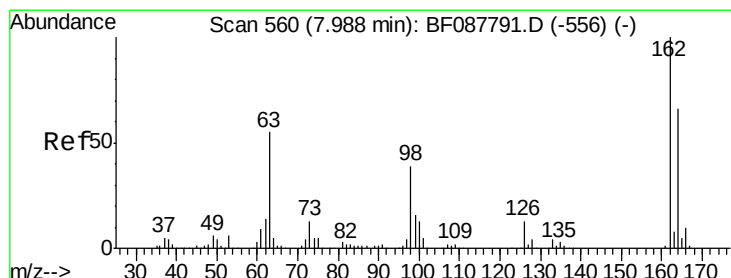
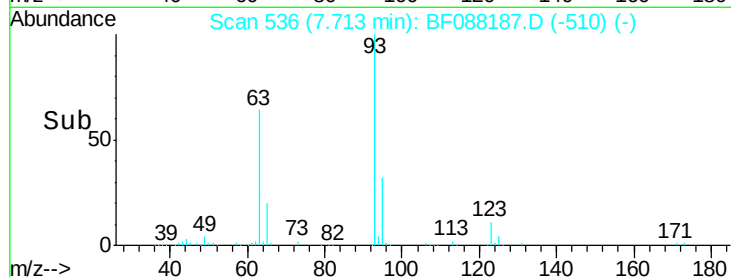
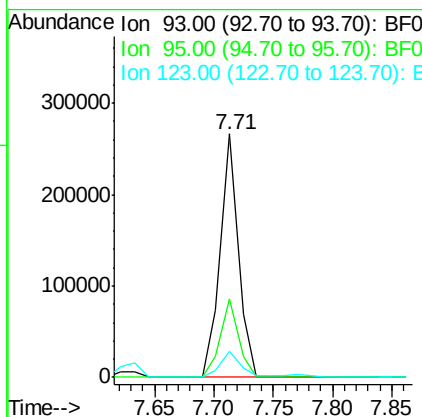
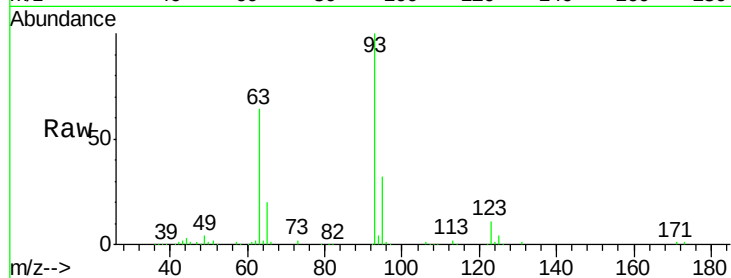




#28
 bis(2-Chloroethoxy)methane
 Concen: 41.94 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

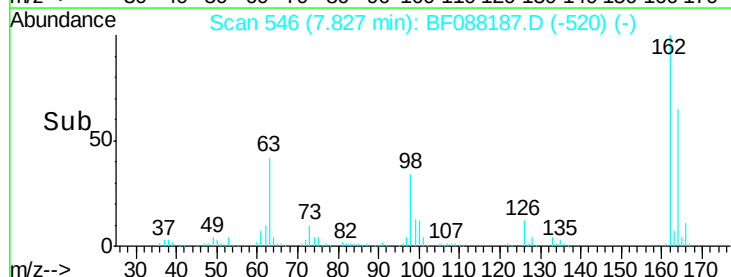
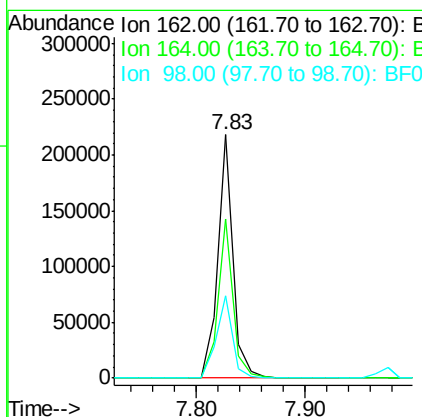
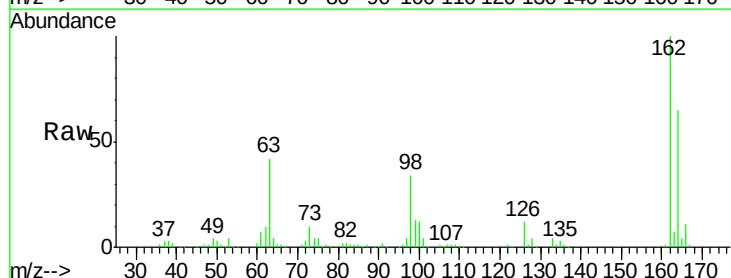
Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

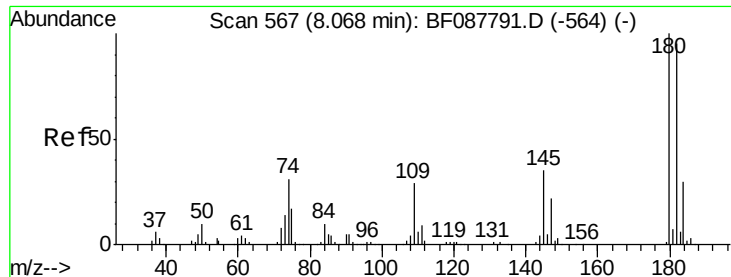
Tgt Ion: 93 Resp: 282617
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 10.8 11.6 17.4#



#29
 2,4-Dichlorophenol
 Concen: 45.79 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion: 162 Resp: 214253
 Ion Ratio Lower Upper
 162 100
 164 65.3 43.8 83.8
 98 33.8 21.3 61.3

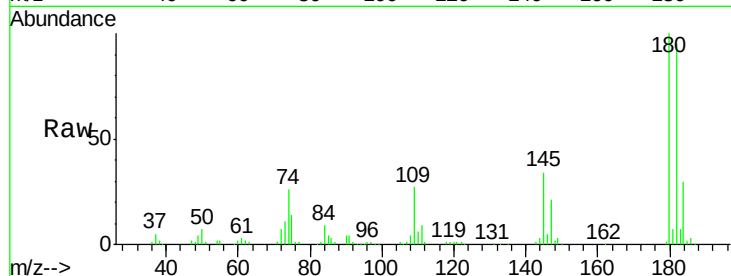




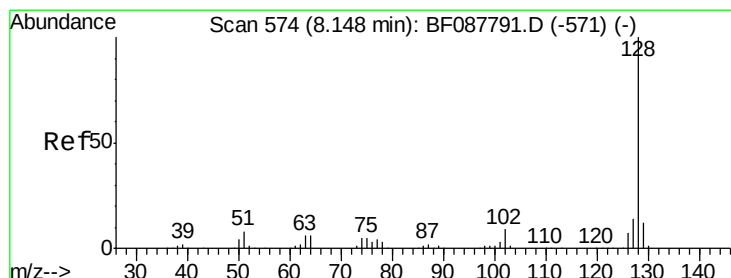
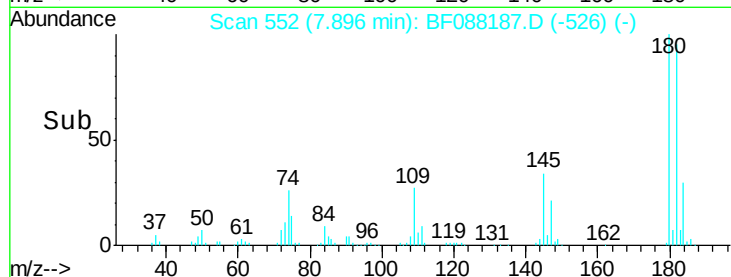
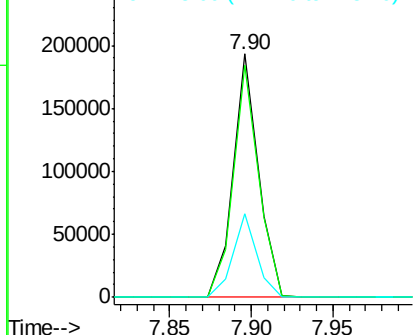
#30
 1,2,4-Trichlorobenzene
 Concen: 40.36 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

Tgt Ion:180 Resp: 205662
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.0 114.0
 145 34.2 26.5 39.7

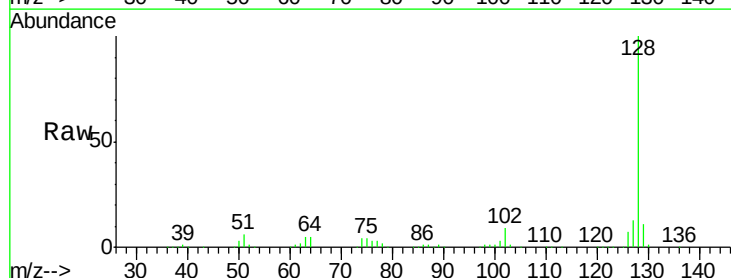


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

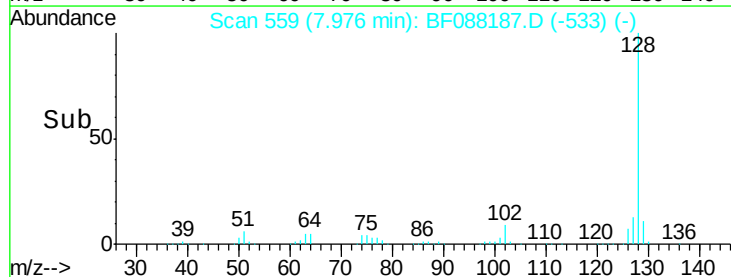
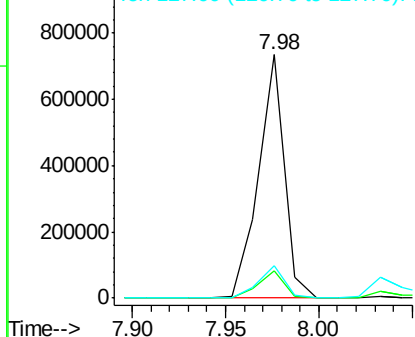


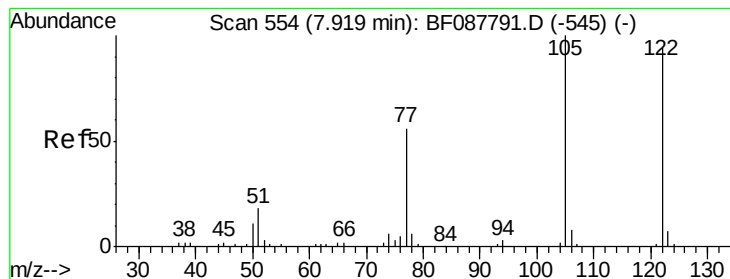
#31
 Naphthalene
 Concen: 42.37 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion:128 Resp: 718191
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.4 14.2
 127 13.4 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: 30.11 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

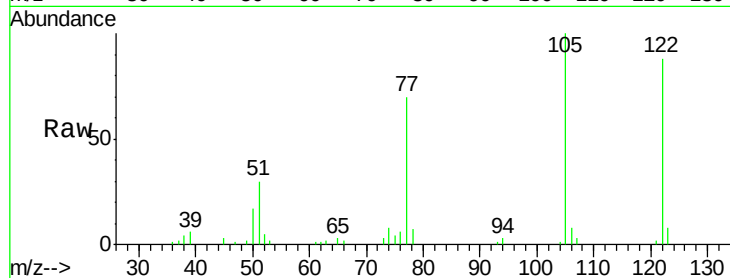
Tgt Ion:122 Resp: 92935

Ion Ratio Lower Upper

122 100

105 113.5 101.6 141.6

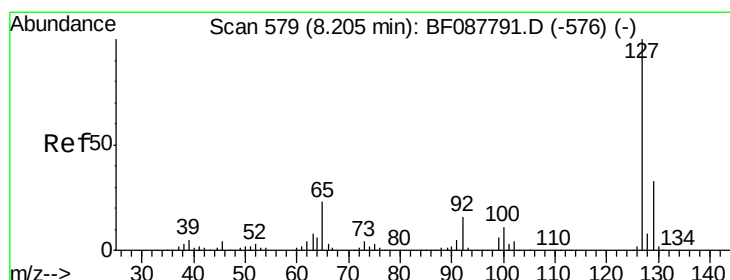
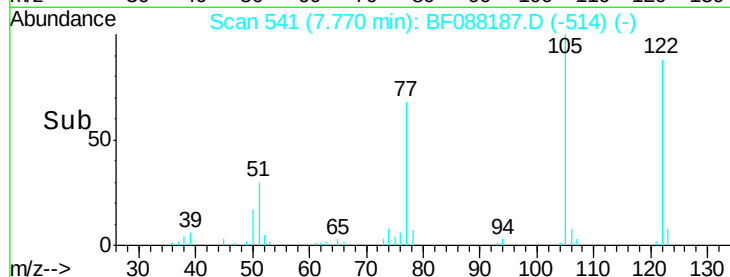
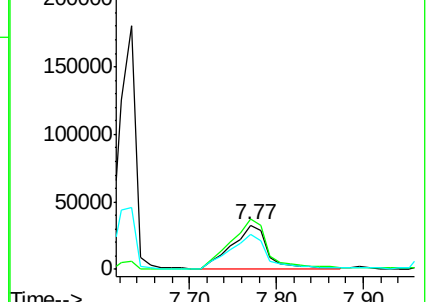
77 79.2 70.6 110.6



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: 12.45 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Tgt Ion:127 Resp: 94216

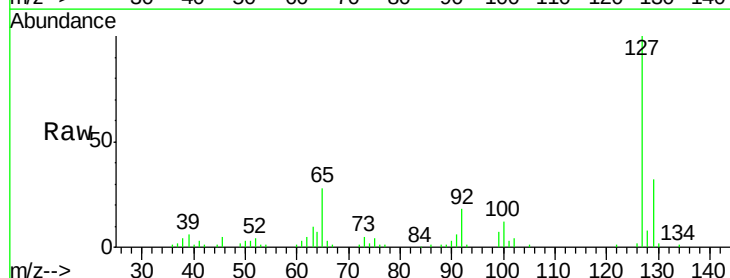
Ion Ratio Lower Upper

127 100

129 32.0 26.3 39.5

65 27.9 24.7 37.1

92 17.8 15.4 23.0

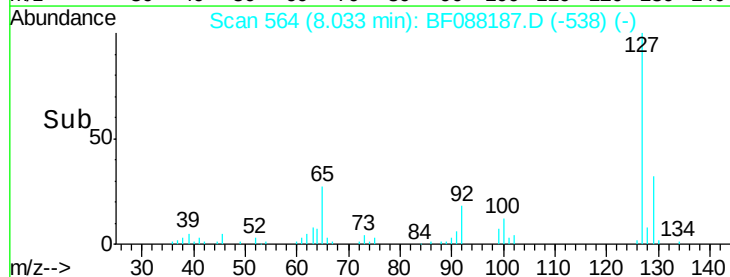
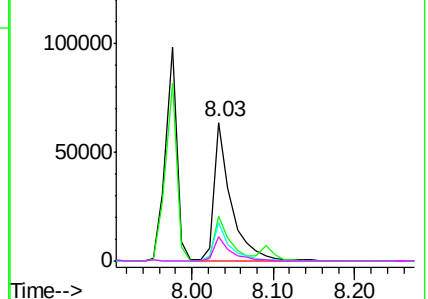


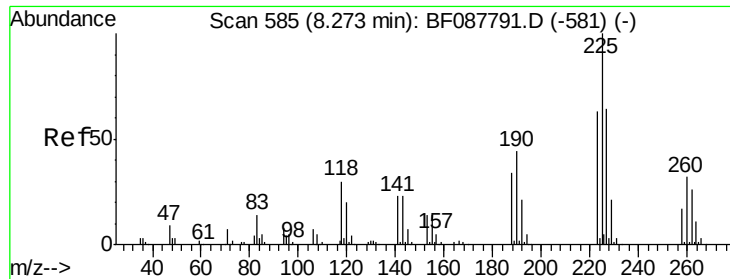
Abundance Ion 127.00 (126.70 to 127.70): E

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

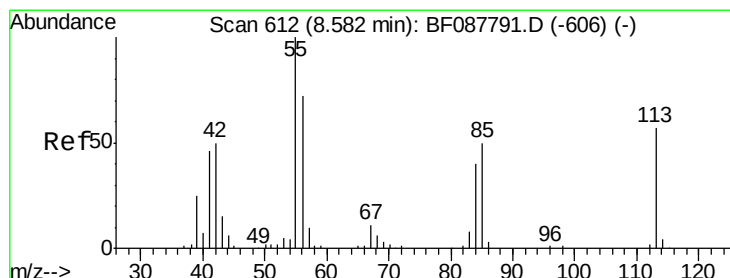
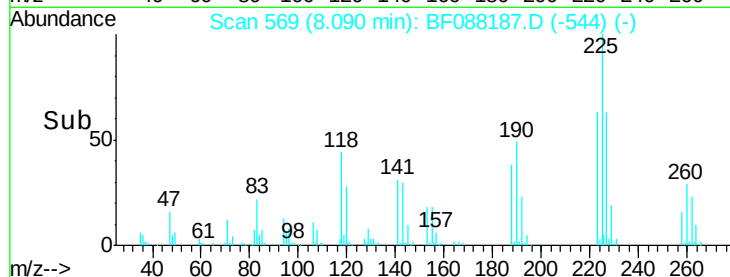
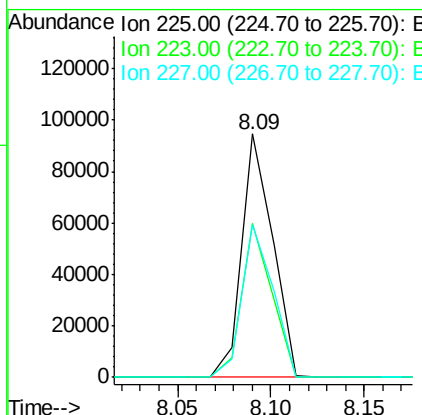
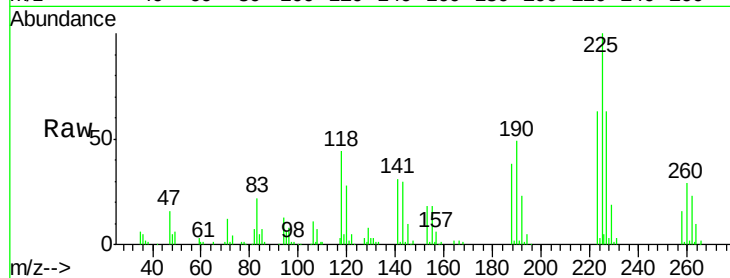




#34
Hexachlorobutadiene
Concen: 40.34 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

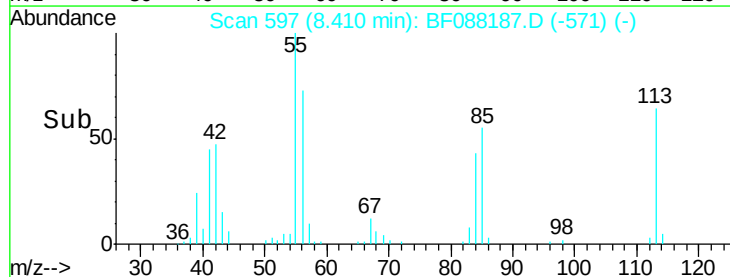
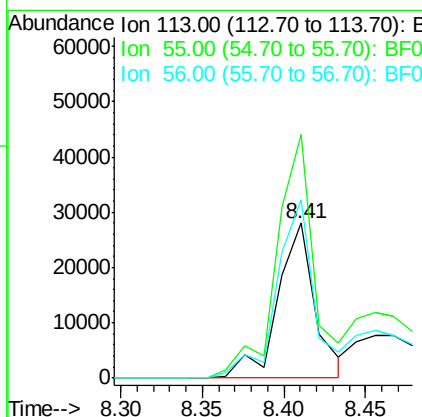
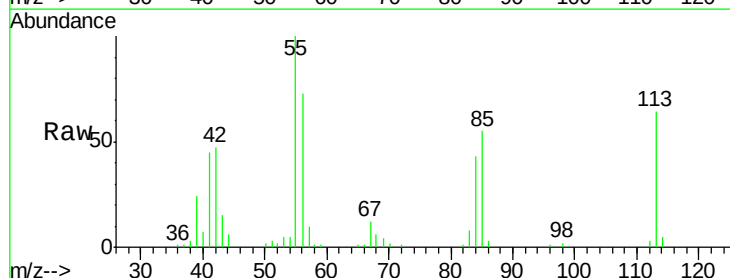
Instrument :
BNA_F
ClientSampleId :
PB91325BS

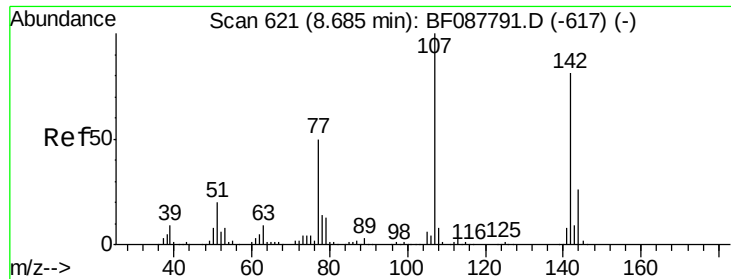
Tgt Ion: 225 Resp: 108405
Ion Ratio Lower Upper
225 100
223 63.2 50.9 76.3
227 62.6 51.9 77.9



#35
Caprolactam
Concen: 28.72 ng
RT: 8.41 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Tgt Ion: 113 Resp: 44520
Ion Ratio Lower Upper
113 100
55 157.1 158.6 198.6#
56 114.8 110.6 150.6

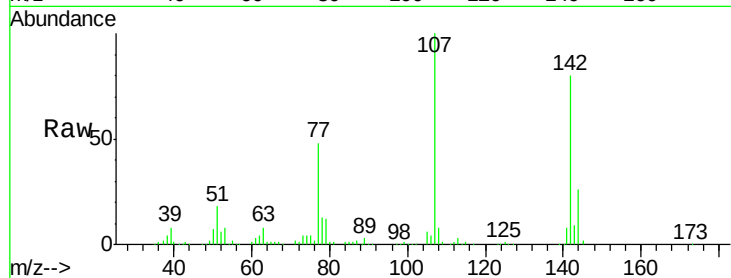




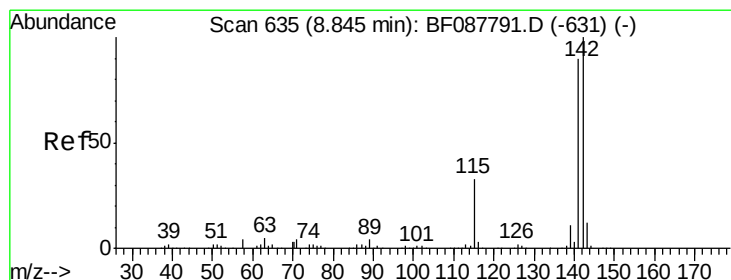
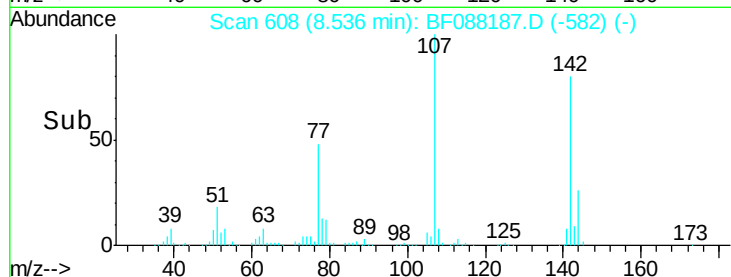
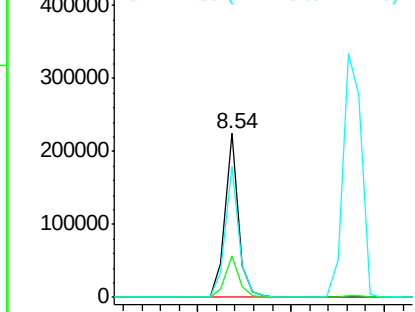
#36
 4-Chloro-3-methylphenol
 Concen: 44.87 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

Tgt Ion:107 Resp: 224562
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.8 31.2
 142 79.7 63.4 95.2

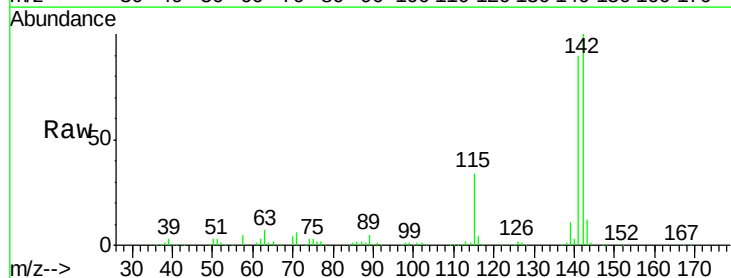


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

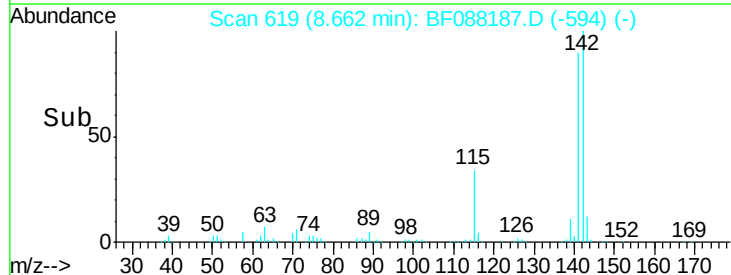
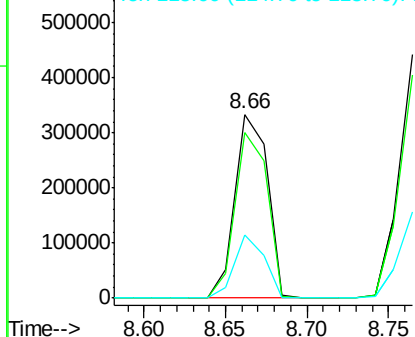


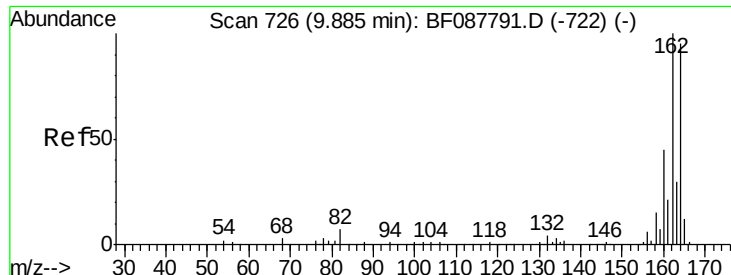
#37
 2-Methylnaphthalene
 Concen: 41.12 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion:142 Resp: 459396
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.0 106.6
 115 34.3 22.6 33.8#



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

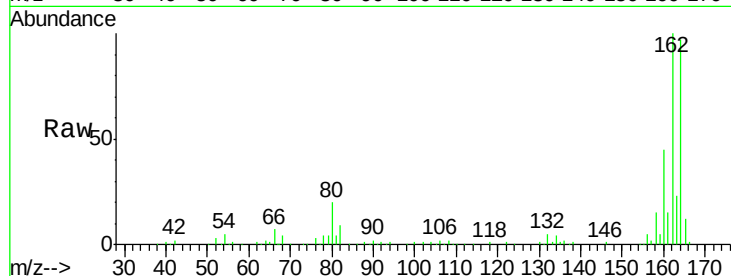
Tgt Ion:164 Resp: 166957

Ion Ratio Lower Upper

164 100

162 103.6 85.4 128.2

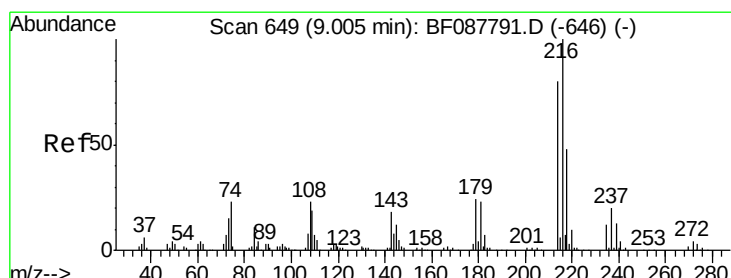
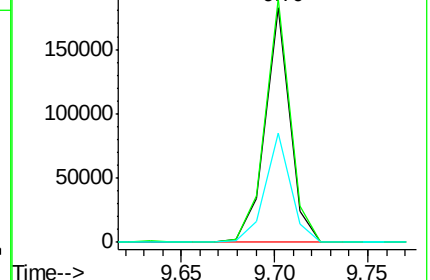
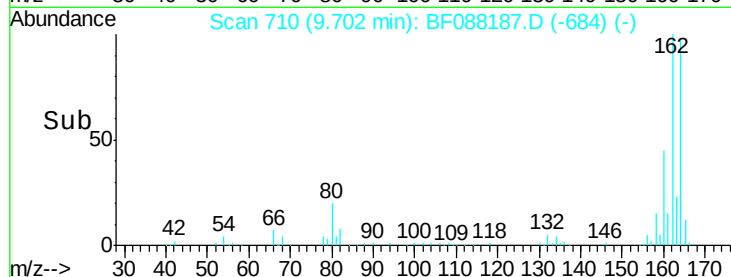
160 46.7 39.5 59.3



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: 45.56 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Tgt Ion:216 Resp: 197135

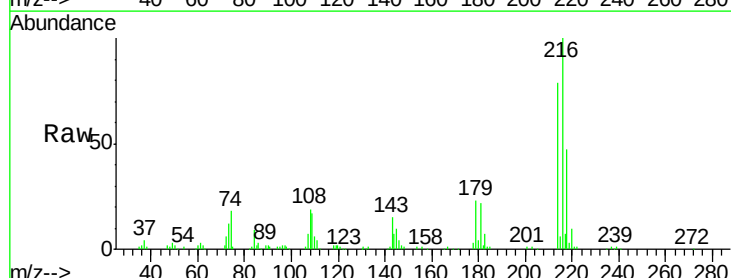
Ion Ratio Lower Upper

216 100

214 79.0 2.9 4.3#

179 22.9 0.0 0.0#

108 22.3 0.5 0.7#

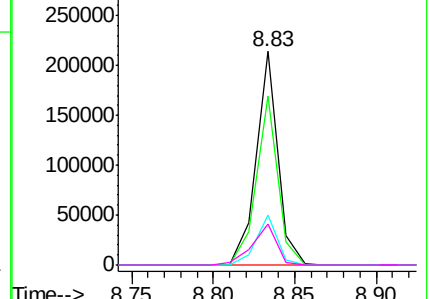
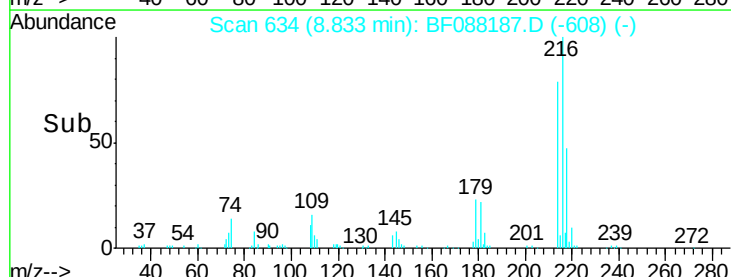


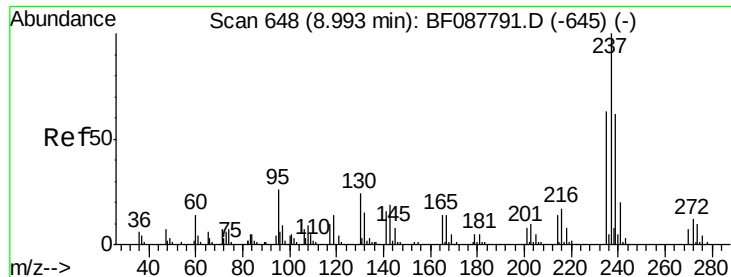
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

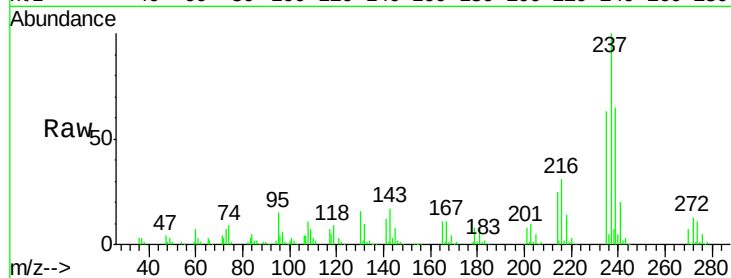




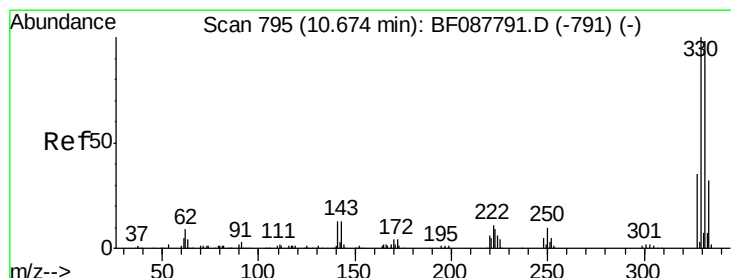
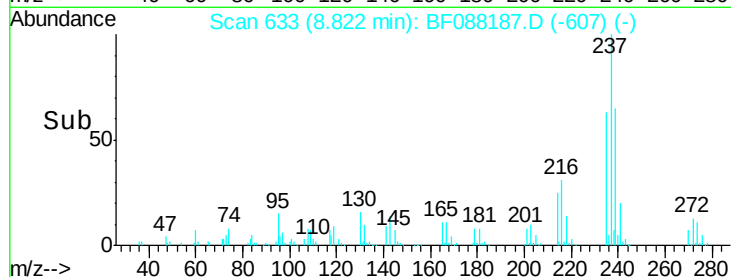
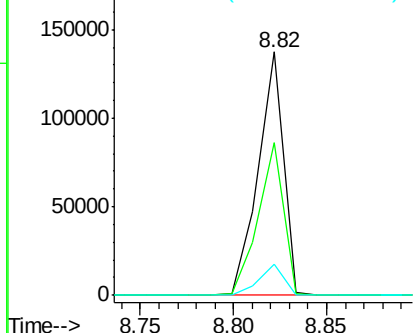
#40
Hexachlorocyclopentadiene
Concen: 47.80 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB91325BS

Tgt Ion: 237 Resp: 128736
Ion Ratio Lower Upper
237 100
235 63.0 43.4 83.4
272 12.9 0.0 32.3

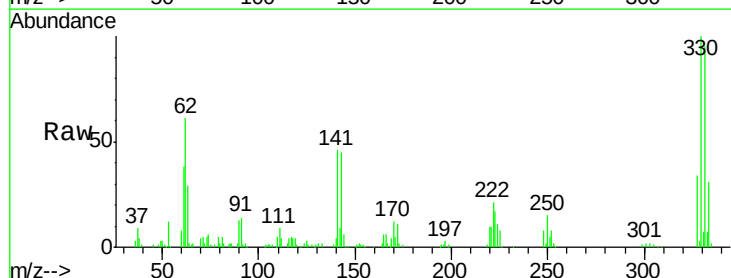


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

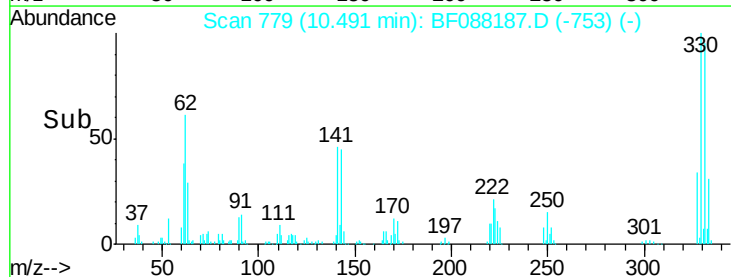
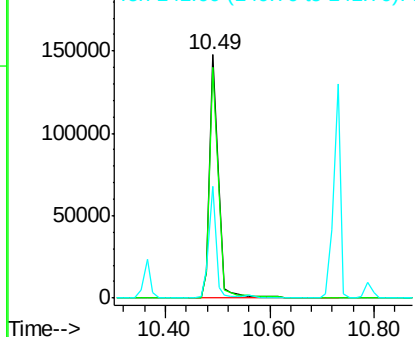


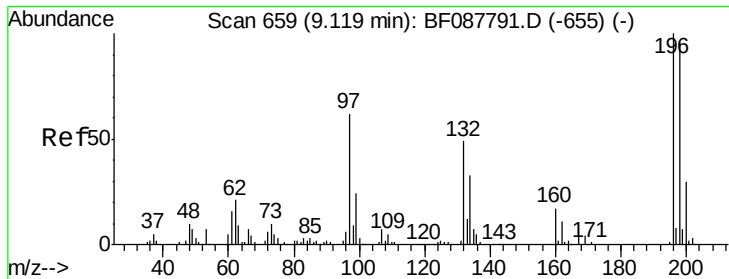
#41
2,4,6-Tribromophenol
Concen: 98.35 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Tgt Ion: 330 Resp: 173385
Ion Ratio Lower Upper
330 100
332 95.7 0.0 0.0#
141 38.4 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

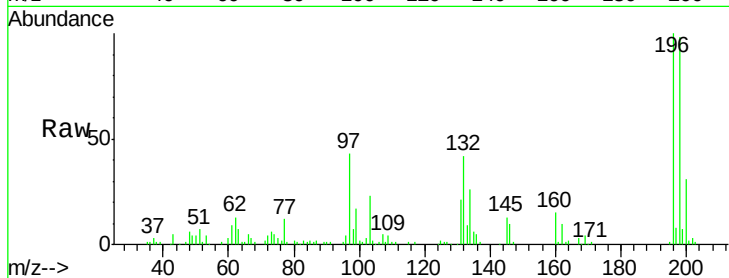




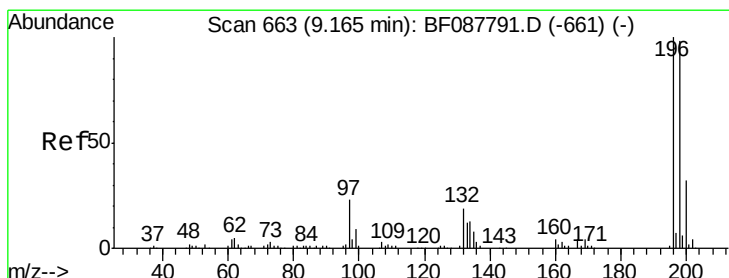
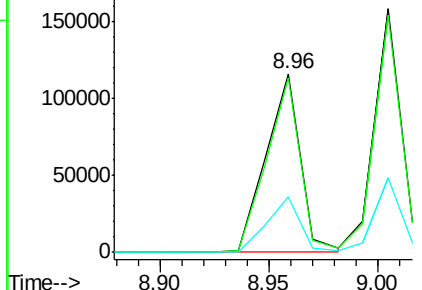
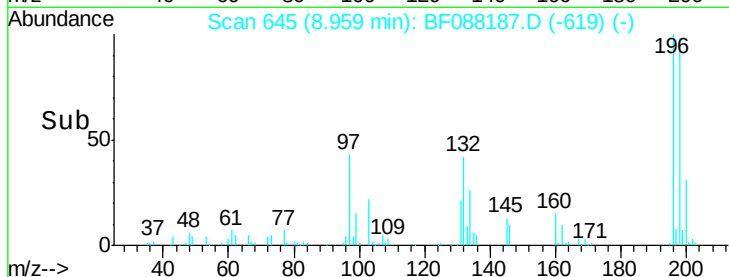
#42
2,4,6-Trichlorophenol
Concen: 38.52 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB91325BS

Tgt Ion:196 Resp: 128594
Ion Ratio Lower Upper
196 100
198 97.8 78.0 117.0
200 31.2 25.4 38.2

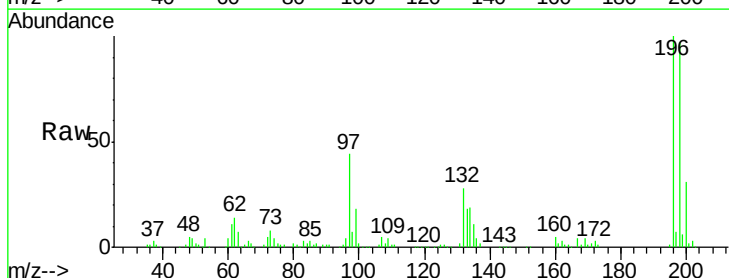


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

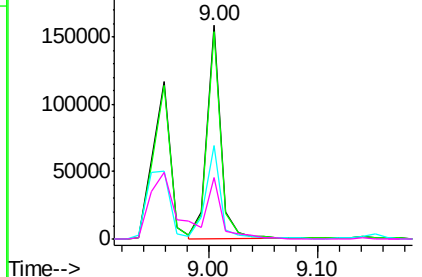
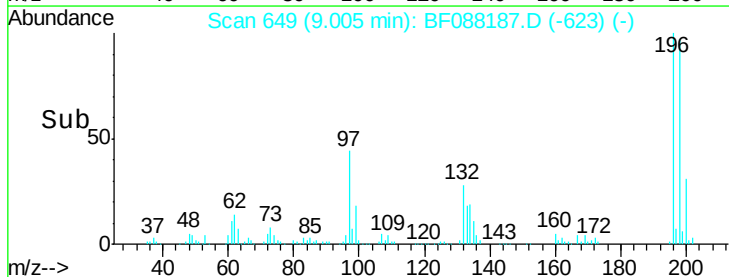


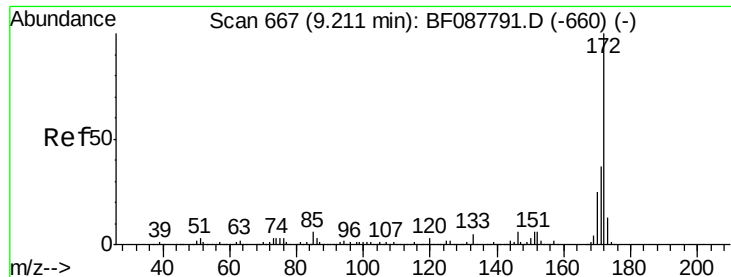
#43
2,4,5-Trichlorophenol
Concen: 41.10 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Tgt Ion:196 Resp: 142759
Ion Ratio Lower Upper
196 100
198 97.2 77.5 116.3
97 43.8 32.0 48.0
132 28.5 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

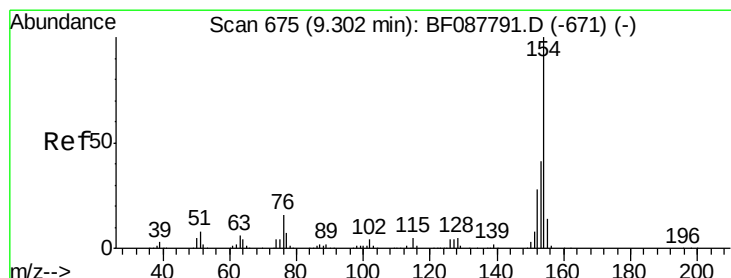
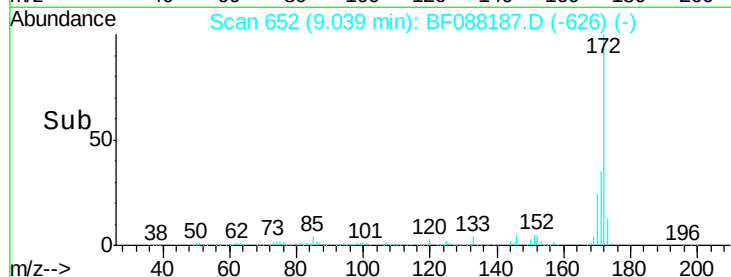
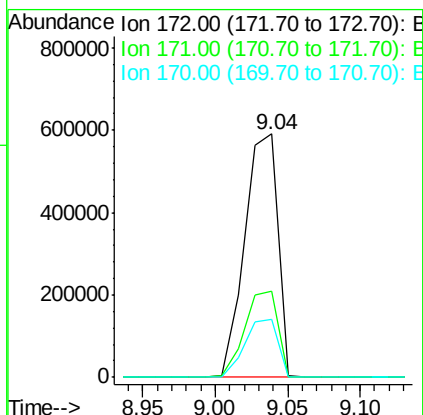
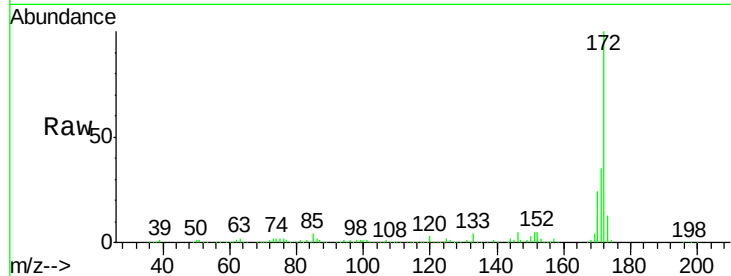




#44
2-Fluorobiphenyl
Concen: 88.20 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

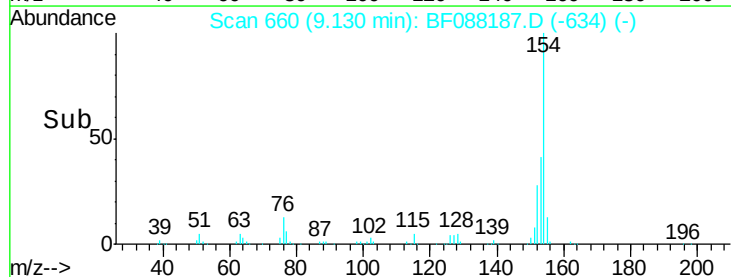
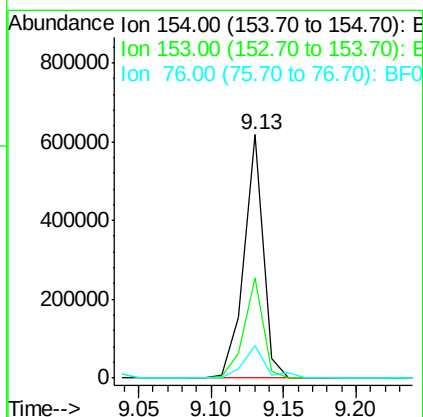
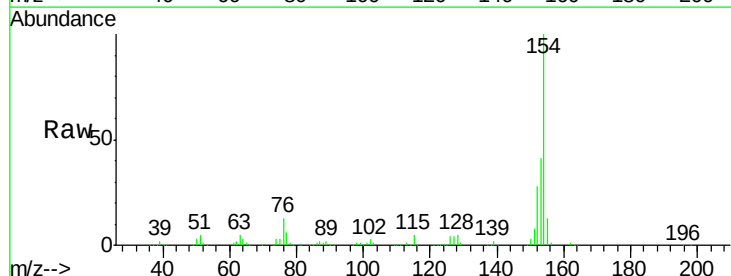
Instrument :
BNA_F
ClientSampleId :
PB91325BS

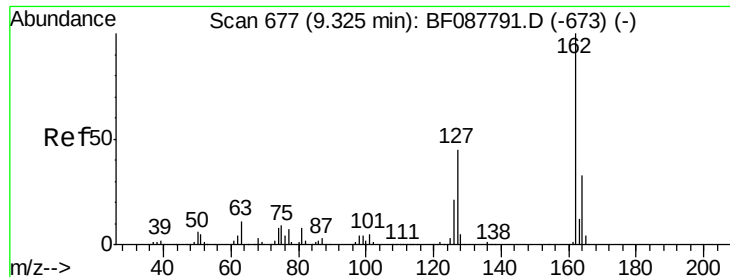
Tgt Ion:172 Resp: 935171
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.2 28.8



#45
1,1'-Biphenyl
Concen: 45.31 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Tgt Ion:154 Resp: 567291
Ion Ratio Lower Upper
154 100
153 41.0 20.6 60.6
76 13.1 0.0 35.1

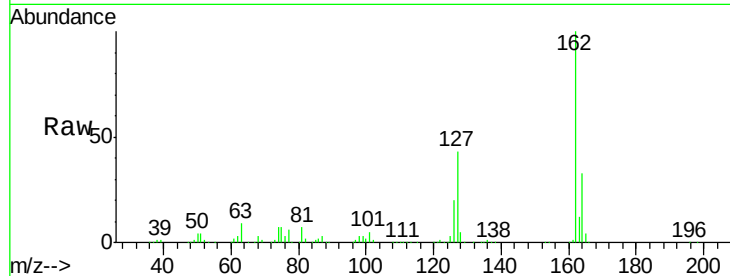




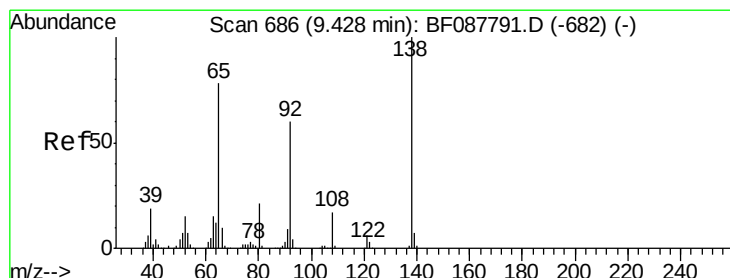
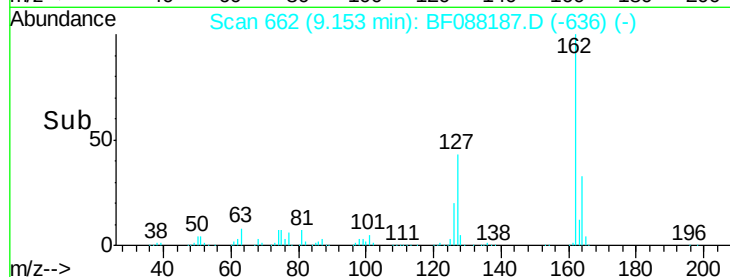
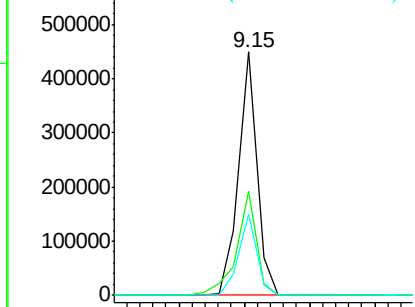
#46
 2-Chloronaphthalene
 Concen: 40.86 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

Tgt Ion: 162 Resp: 441441
 Ion Ratio Lower Upper
 162 100
 127 42.8 35.2 52.8
 164 33.0 26.6 39.8

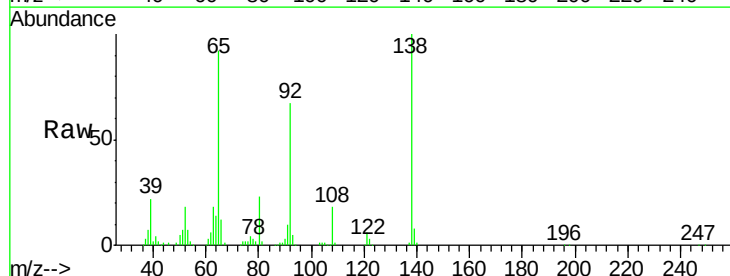


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

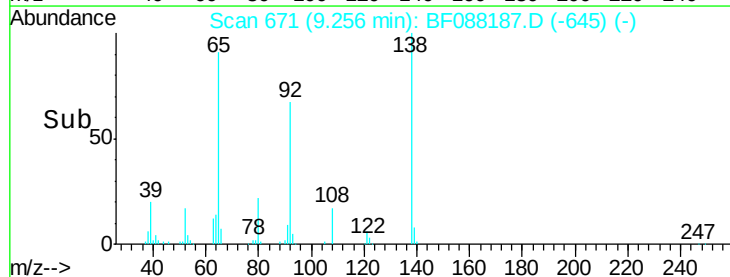
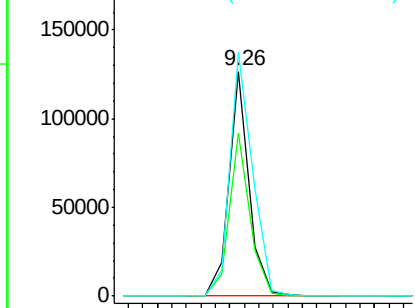


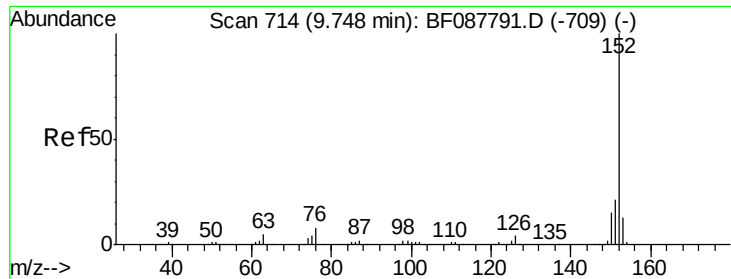
#47
 2-Nitroaniline
 Concen: 37.98 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion: 65 Resp: 121032
 Ion Ratio Lower Upper
 65 100
 92 72.5 54.6 82.0
 138 108.5 77.0 115.4



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





#48

Acenaphthylene

Concen: 38.73 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

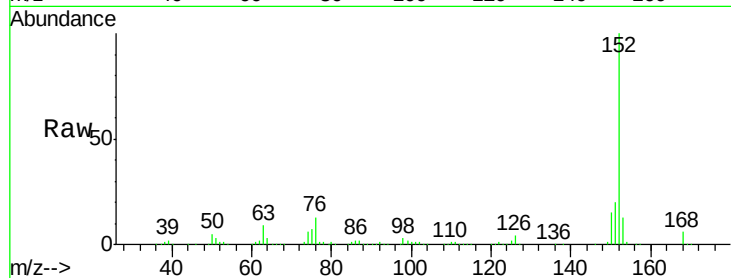
Tgt Ion:152 Resp: 665597

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

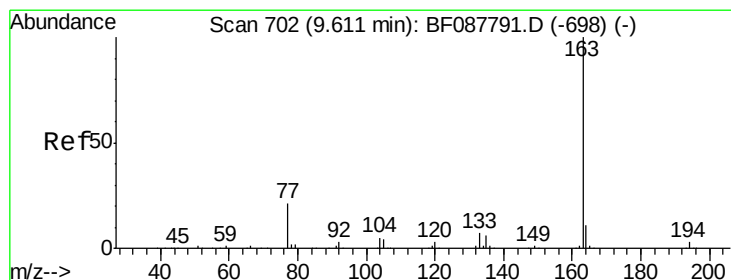
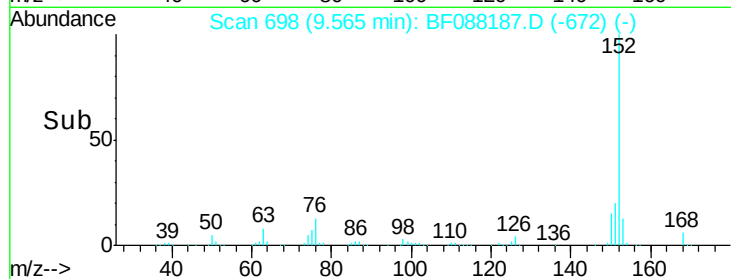
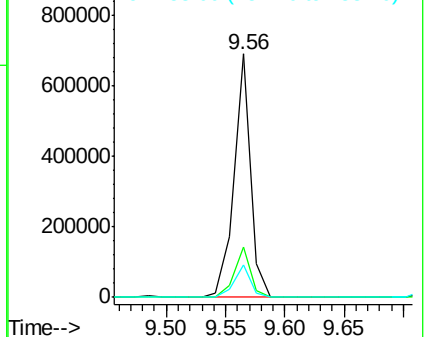
153 13.3 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 42.98 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

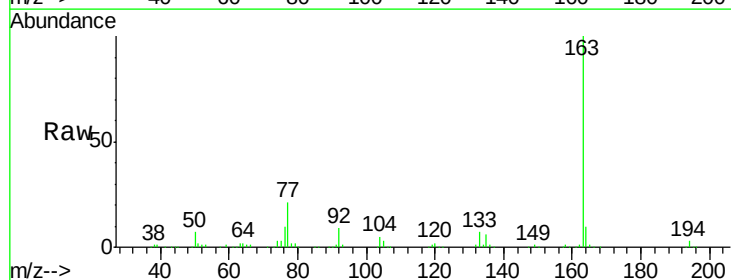
Tgt Ion:163 Resp: 519784

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

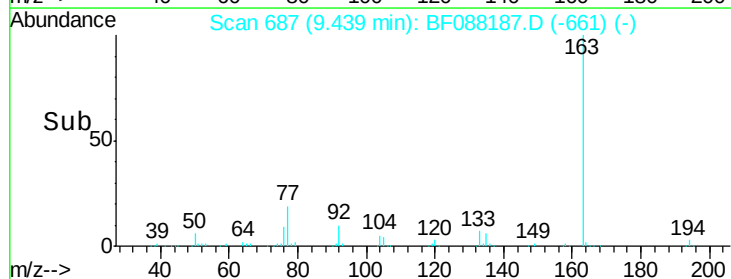
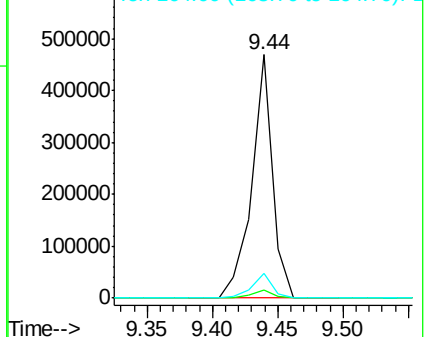
164 10.4 8.3 12.5

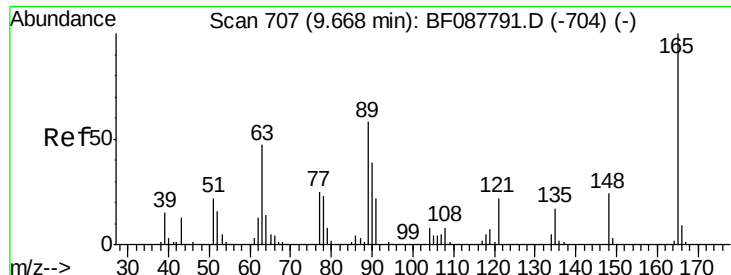


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

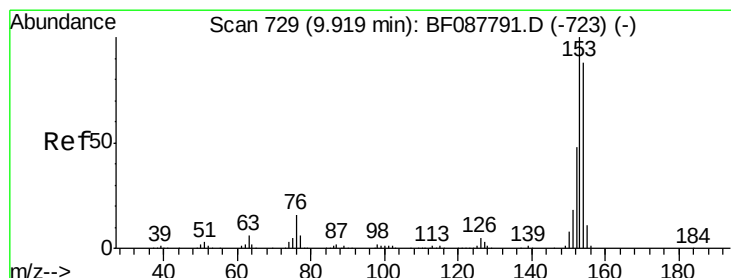
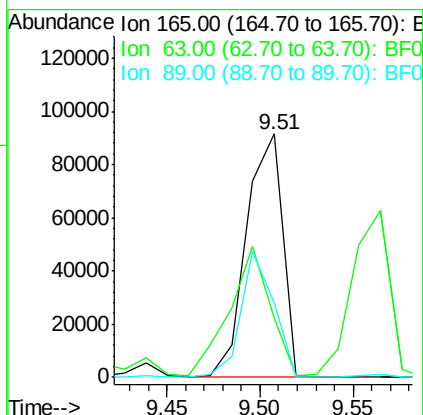
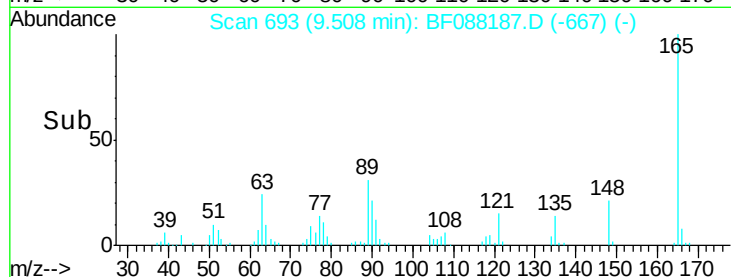
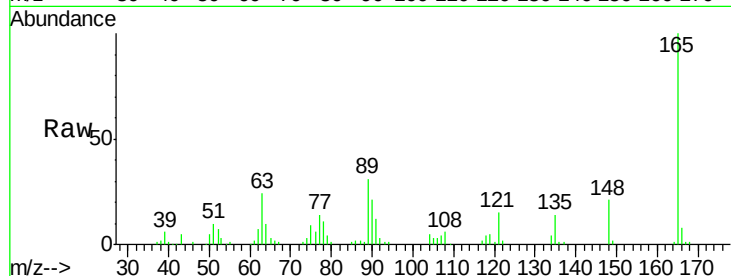




#50
2,6-Dinitrotoluene
Concen: 44.42 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

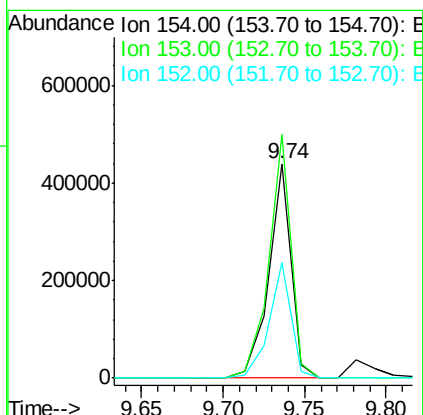
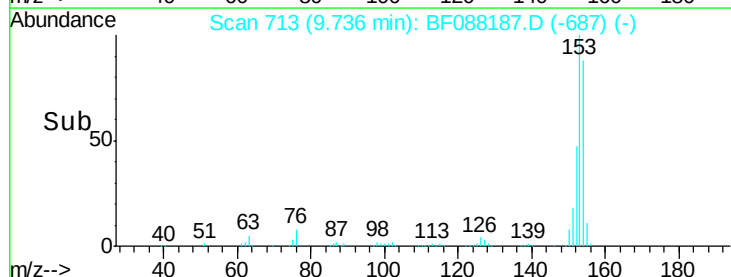
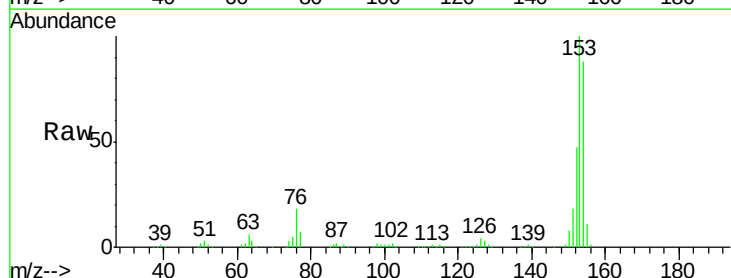
Instrument :
BNA_F
ClientSampleId :
PB91325BS

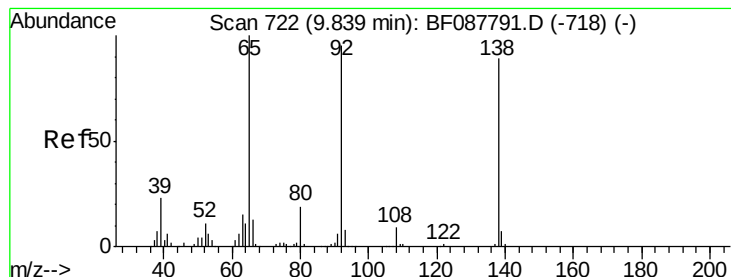
Tgt Ion:165 Resp: 123022
Ion Ratio Lower Upper
165 100
63 24.1 28.1 42.1#
89 30.6 32.2 48.2#



#51
Acenaphthene
Concen: 38.72 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Tgt Ion:154 Resp: 415054
Ion Ratio Lower Upper
154 100
153 113.5 89.5 134.3
152 53.8 42.7 64.1





#52

3-Nitroaniline

Concen: 18.82 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

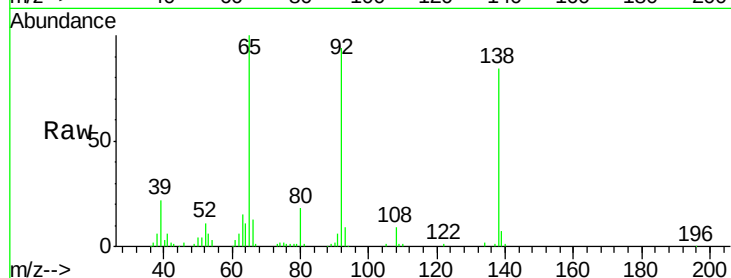
Tgt Ion:138 Resp: 60146

Ion Ratio Lower Upper

138 100

108 10.2 8.5 12.7

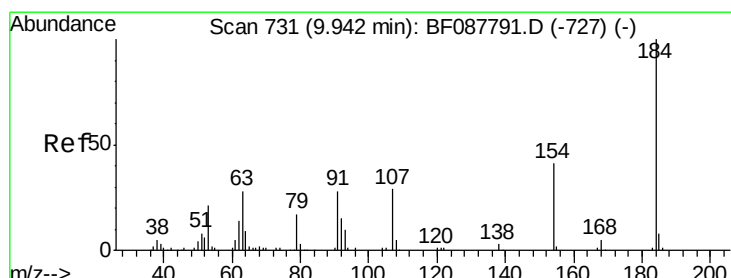
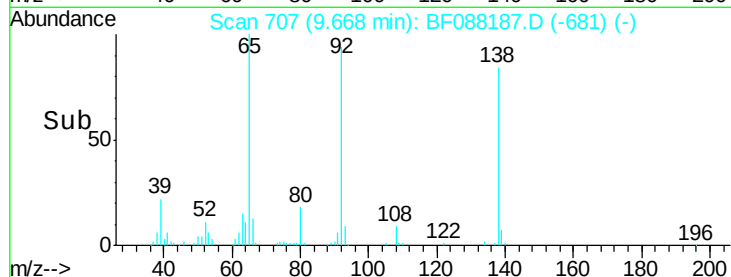
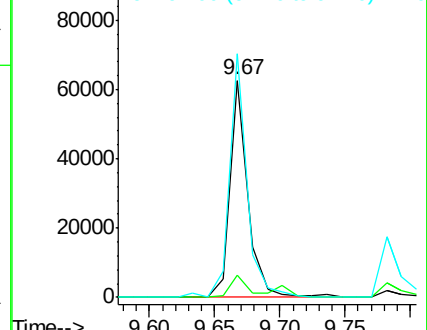
92 112.3 95.7 143.5



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: 56.10 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

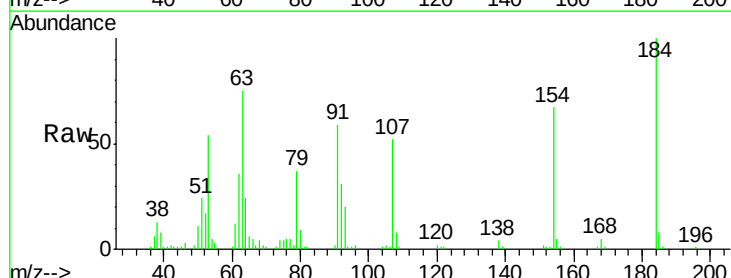
Tgt Ion:184 Resp: 78191

Ion Ratio Lower Upper

184 100

63 74.8 57.6 86.4

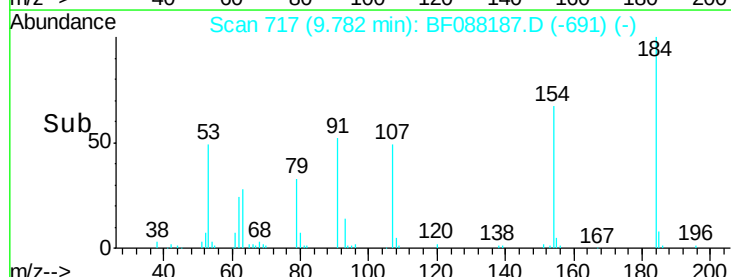
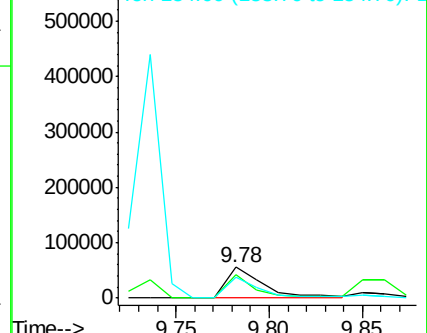
154 66.7 53.5 80.3

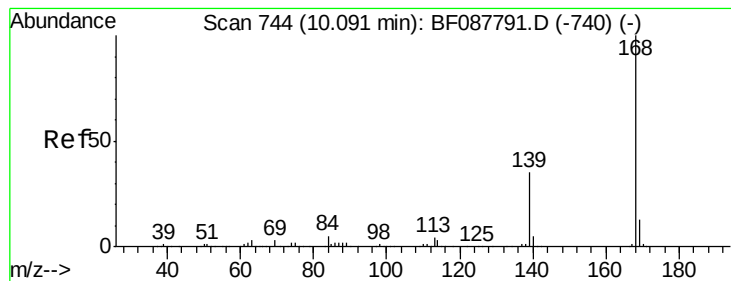


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 37.84 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

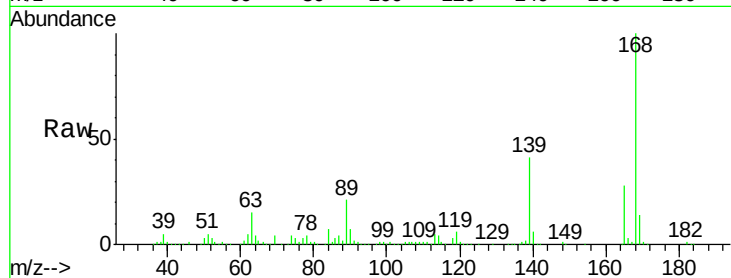
Tgt Ion:168 Resp: 558720

Ion Ratio Lower Upper

168 100

139 40.9 26.4 39.6#

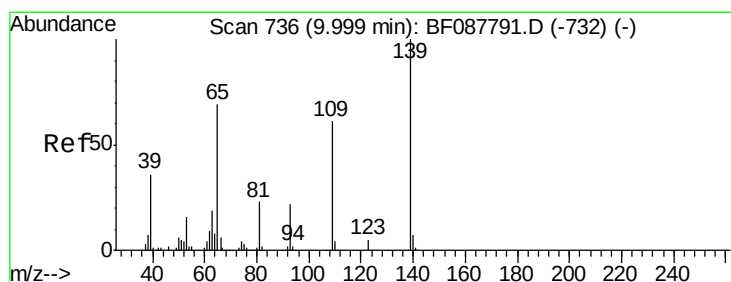
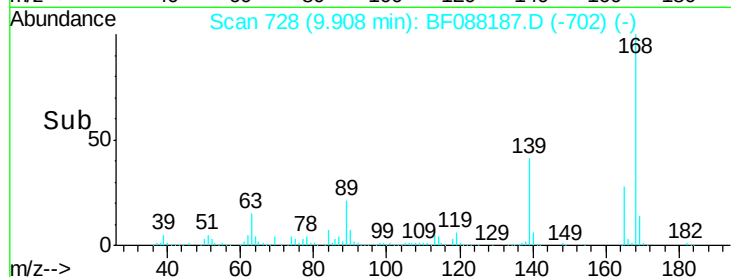
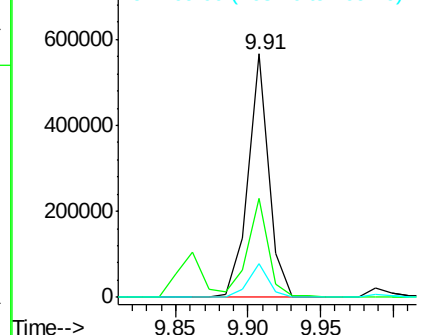
169 13.8 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 52.80 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

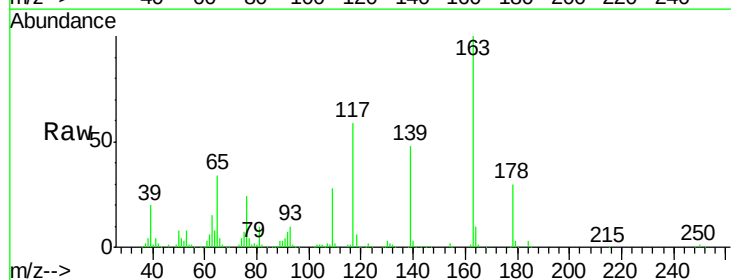
Tgt Ion:139 Resp: 130984

Ion Ratio Lower Upper

139 100

109 58.1 48.9 88.9

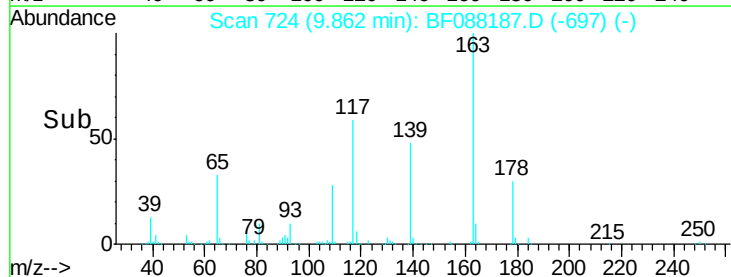
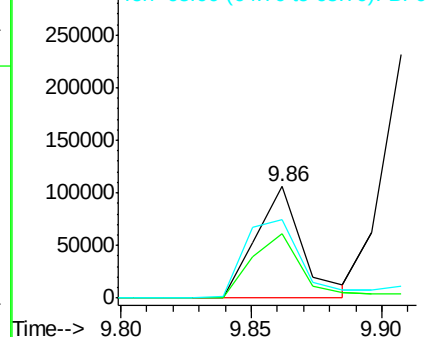
65 70.8 84.9 124.9#

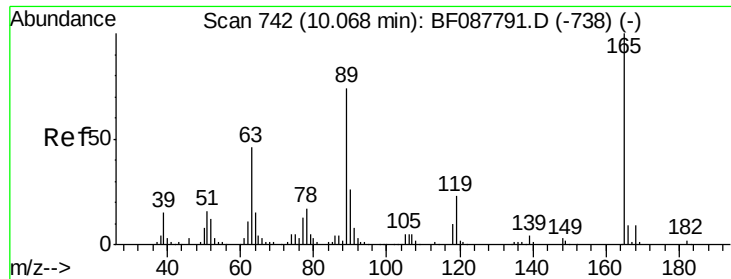


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 41.53 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

Tgt Ion:165 Resp: 147839

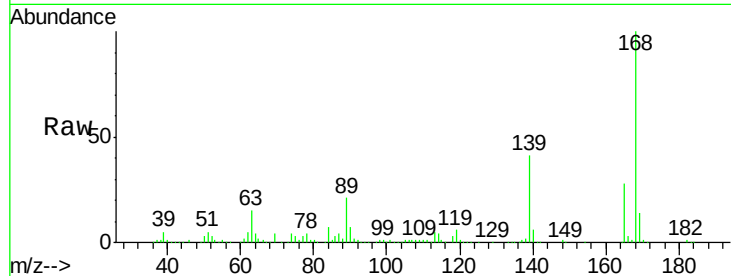
Ion Ratio Lower Upper

165 100

63 54.3 22.0 33.0#

89 76.6 41.1 61.7#

182 2.4 2.0 3.0

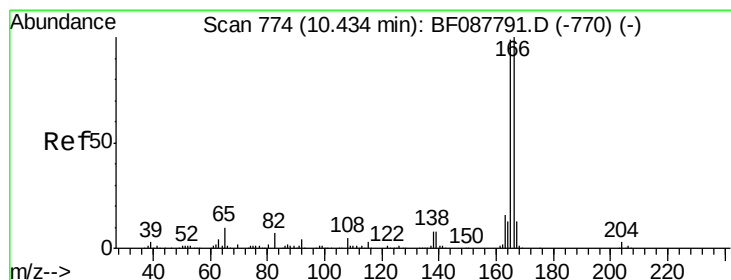
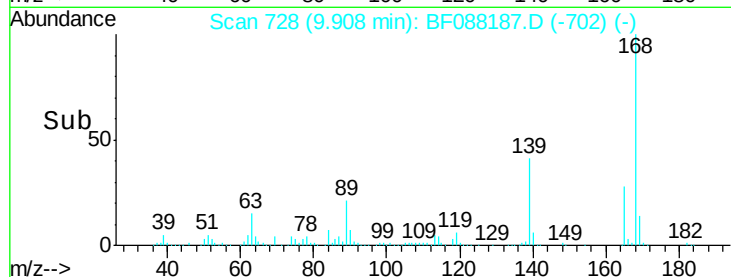
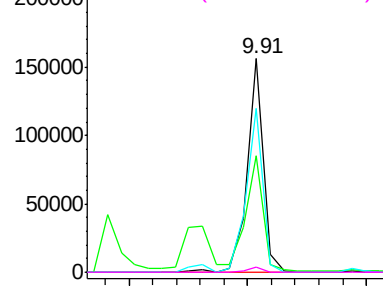


Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.57 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

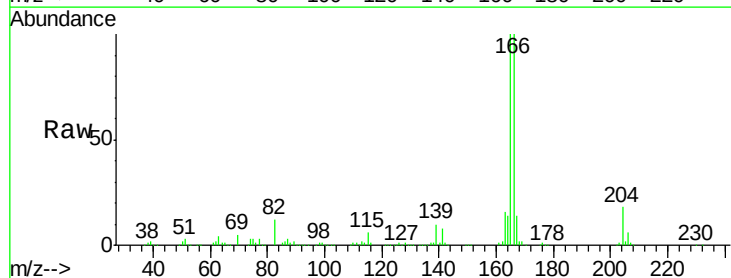
Tgt Ion:166 Resp: 471823

Ion Ratio Lower Upper

166 100

165 100.0 77.8 116.8

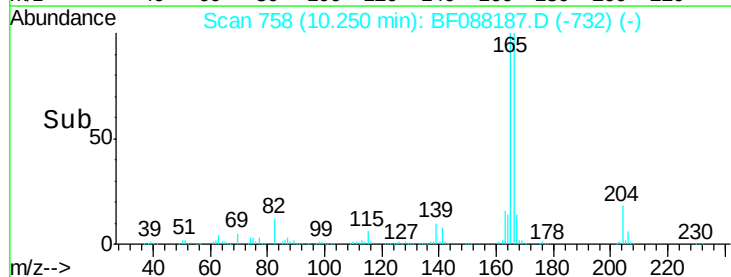
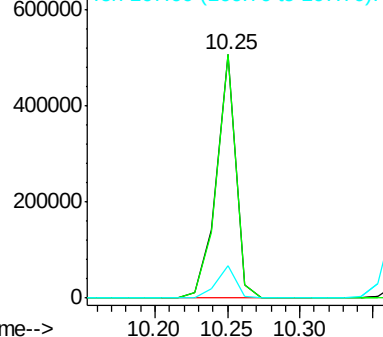
167 13.5 11.2 16.8

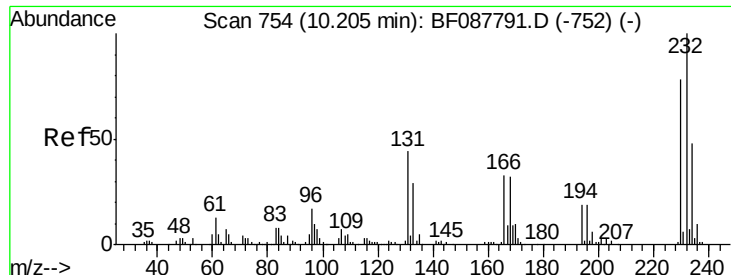


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

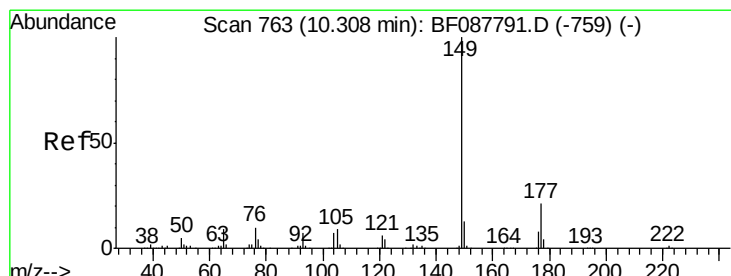
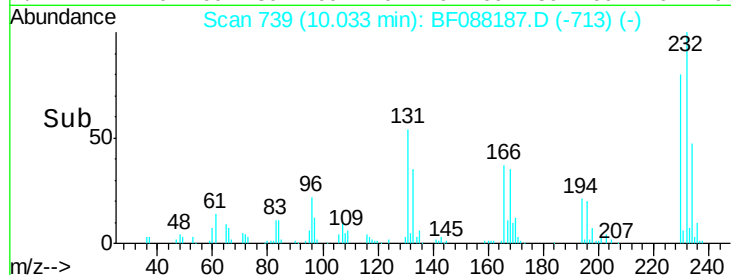
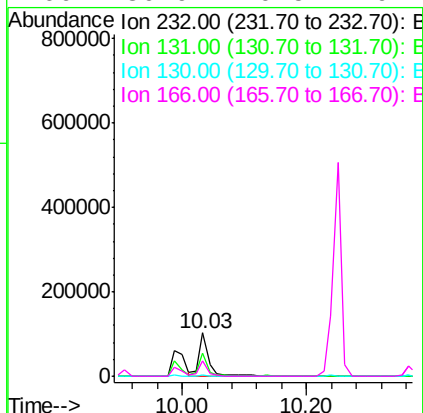
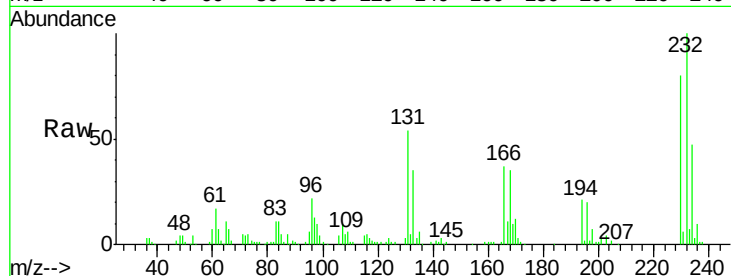




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.30 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

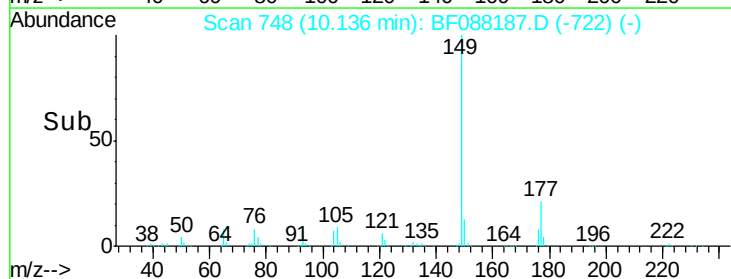
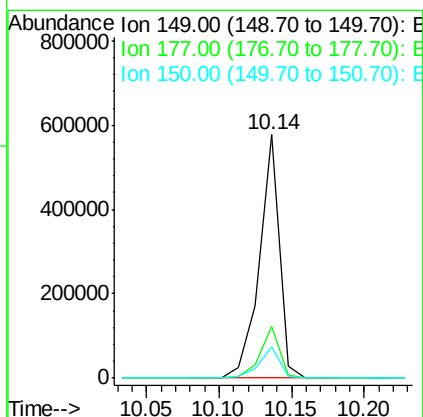
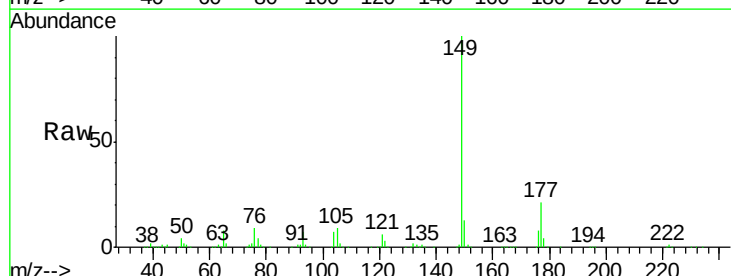
Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

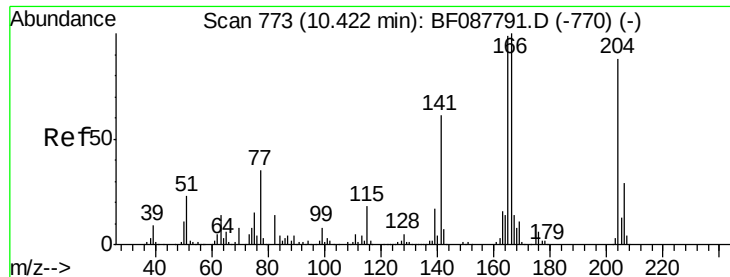
Tgt Ion:	232	Resp:	115465
Ion	Ratio	Lower	Upper
232	100		
131	47.9	0.9	1.3#
130	2.2	1.5	2.3
166	30.9	0.5	0.7#



#59
 Diethylphthalate
 Concen: 44.84 ng
 RT: 10.14 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion:	149	Resp:	548930
Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.9	25.3
150	12.6	10.1	15.1

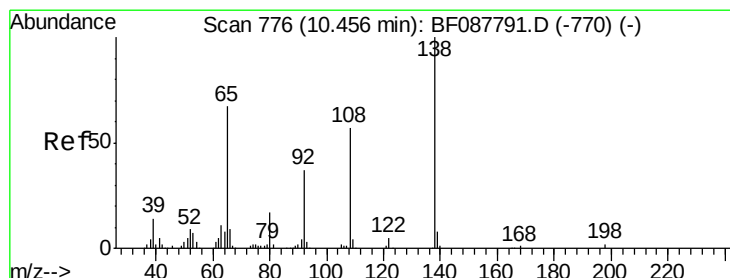
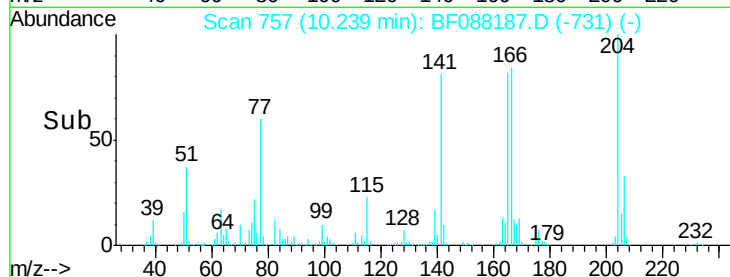
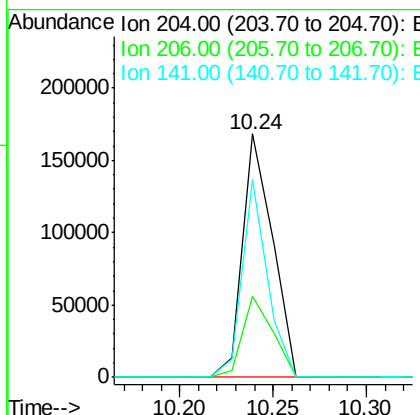
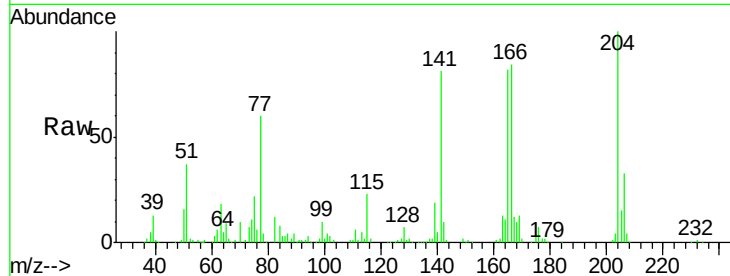




#60
 4-Chlorophenyl-phenylether
 Concen: 38.31 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

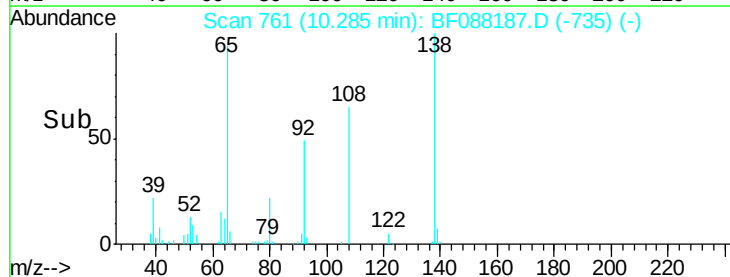
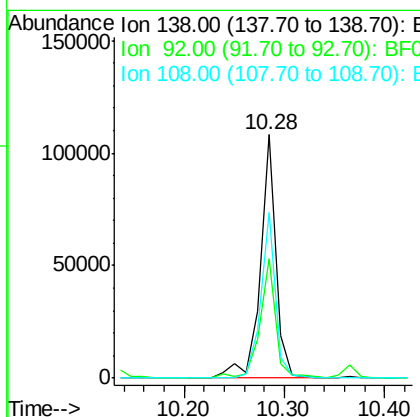
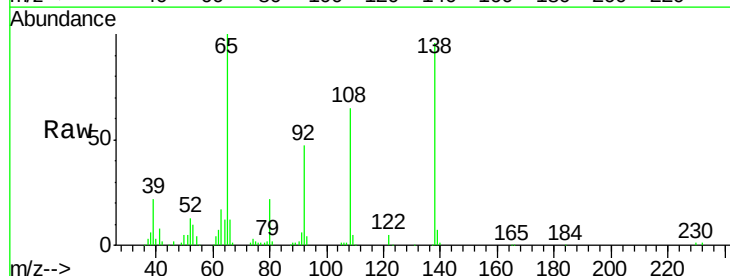
Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

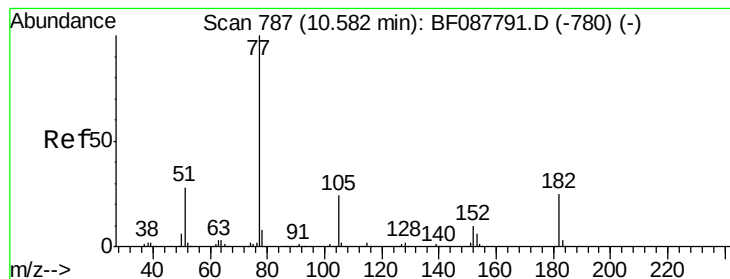
Tgt Ion:204 Resp: 188082
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.3 39.5
 141 81.3 55.0 82.6



#61
 4-Nitroaniline
 Concen: 38.86 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion:138 Resp: 117796
 Ion Ratio Lower Upper
 138 100
 92 49.1 27.3 67.3
 108 68.0 46.7 86.7





#62

Azobenzene

Concen: 41.14 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

Tgt Ion: 77 Resp: 498022

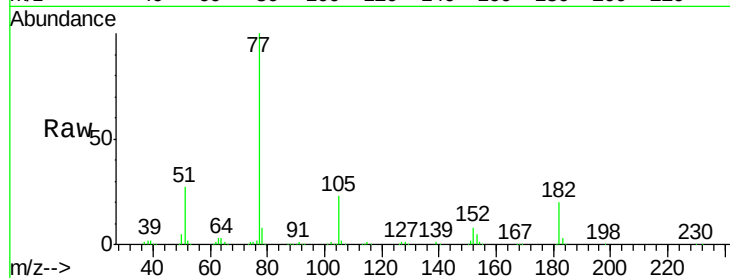
Ion Ratio Lower Upper

77 100

182 19.8 4.4 44.4

105 22.7 3.8 43.8

51 26.7 9.3 49.3

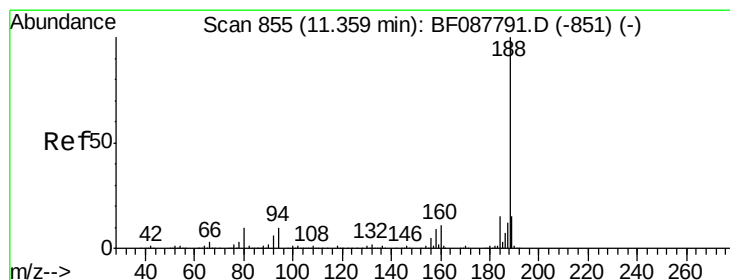
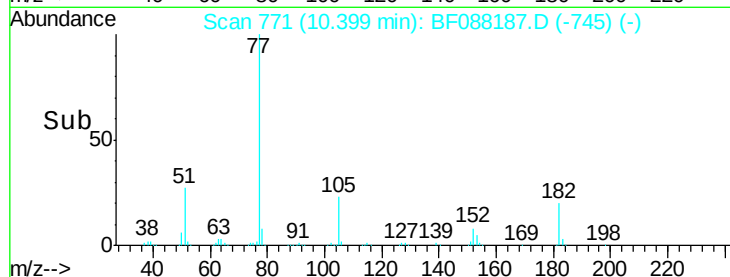
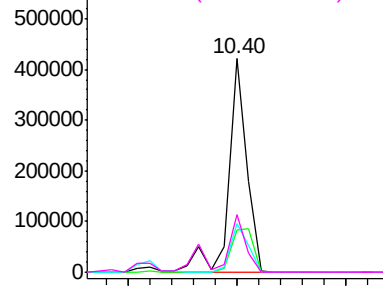


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.18 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

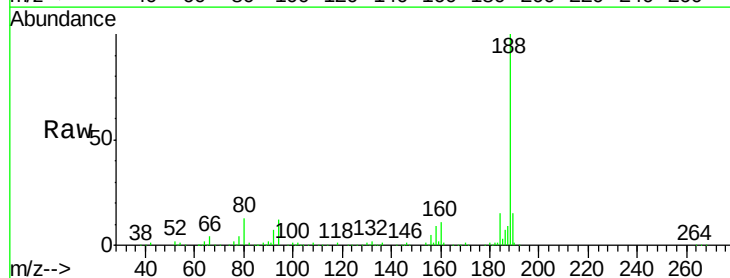
Tgt Ion: 188 Resp: 310292

Ion Ratio Lower Upper

188 100

94 12.2 9.0 13.6

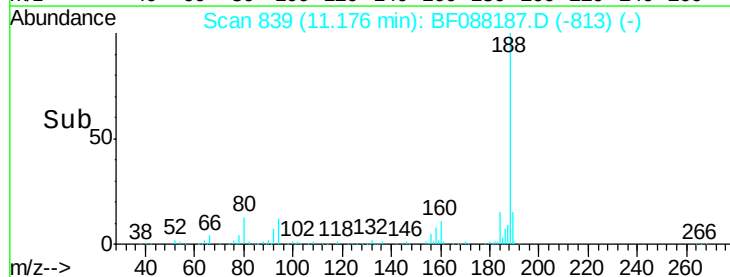
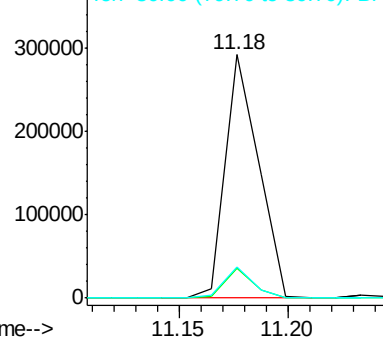
80 12.7 10.0 15.0

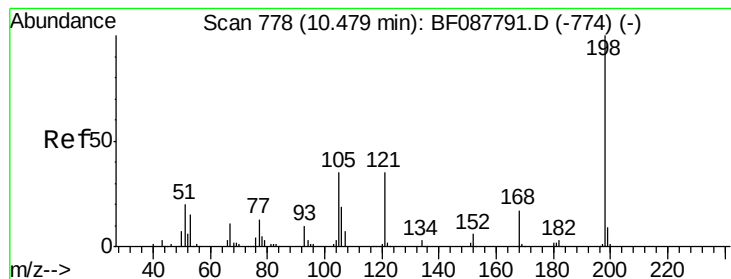


Abundance Ion 188.00 (187.70 to 188.70): E

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: 36.17 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

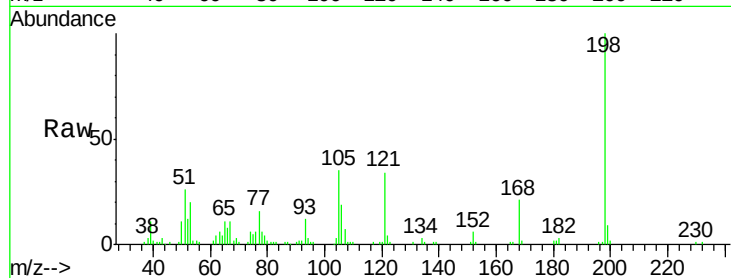
Tgt Ion:198 Resp: 68981

Ion Ratio Lower Upper

198 100

51 26.2 39.6 79.6#

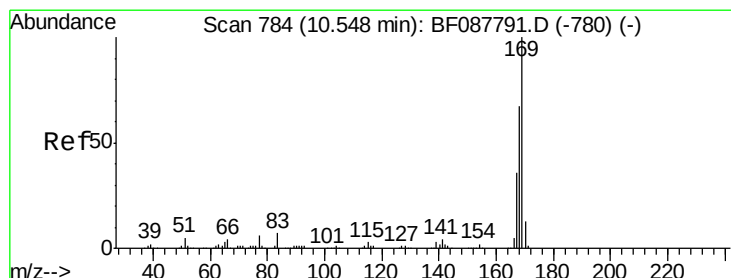
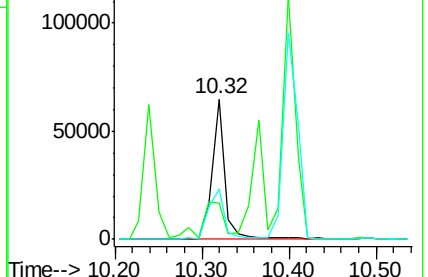
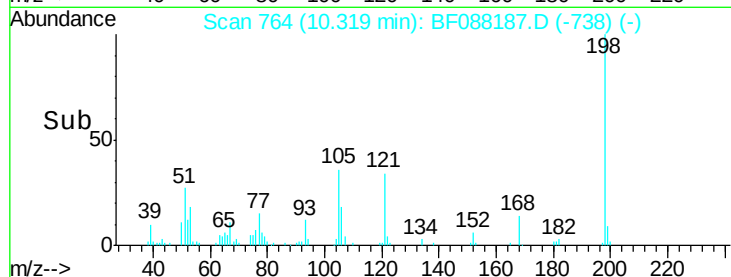
105 35.4 36.6 76.6#



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: 41.04 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

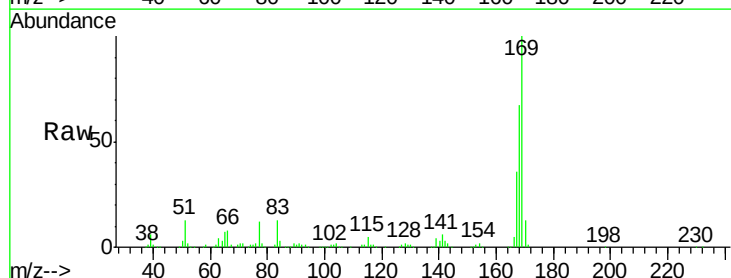
Tgt Ion:169 Resp: 422537

Ion Ratio Lower Upper

169 100

168 66.6 53.4 80.0

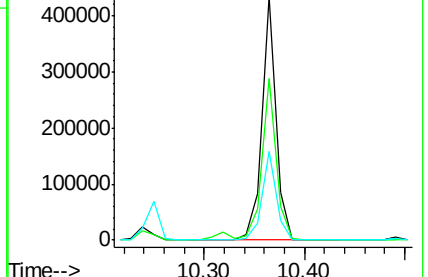
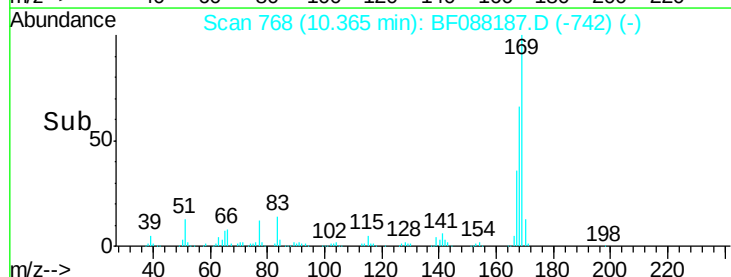
167 36.4 29.4 44.0

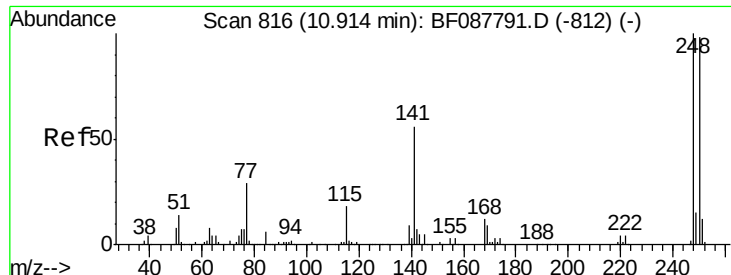


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

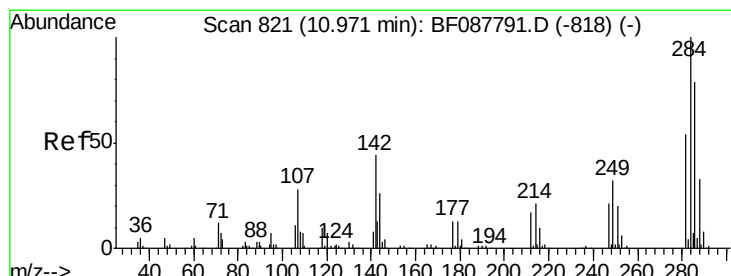
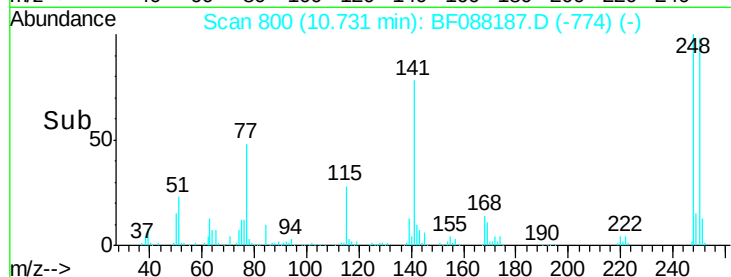
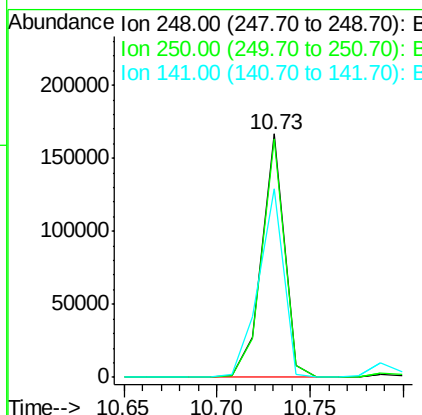
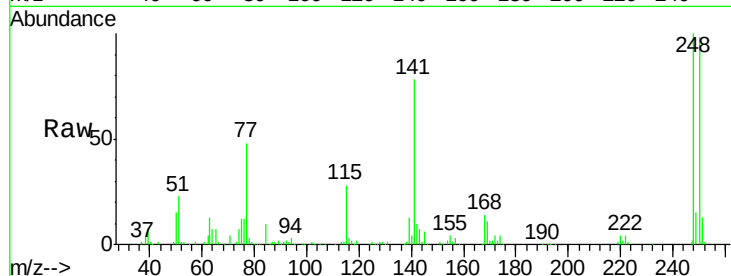




#66
 4-Bromophenyl-phenylether
 Concen: 41.95 ng
 RT: 10.73 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

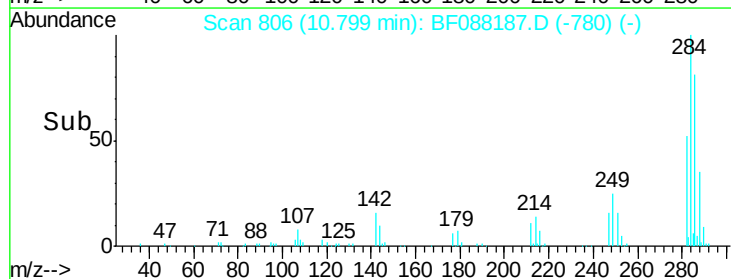
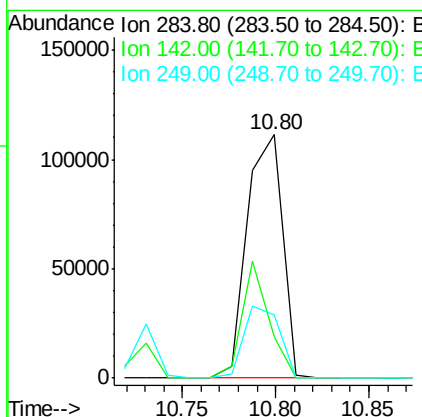
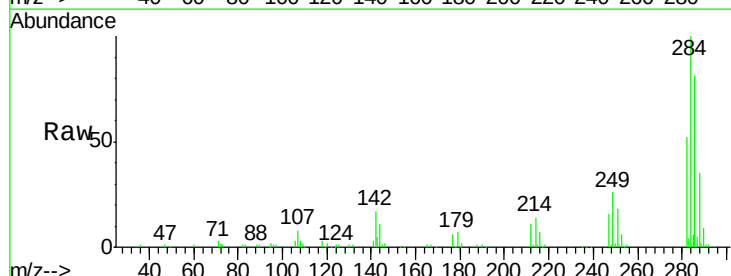
Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

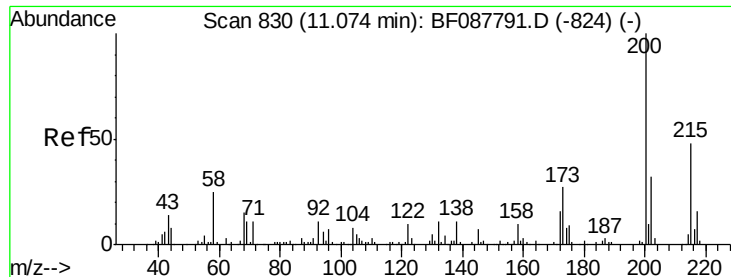
Tgt Ion:248 Resp: 139657
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.1 115.7
 141 77.7 50.6 76.0#



#67
 Hexachlorobenzene
 Concen: 42.23 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion:284 Resp: 146080
 Ion Ratio Lower Upper
 284 100
 142 17.2 35.8 53.8#
 249 26.0 25.8 38.6

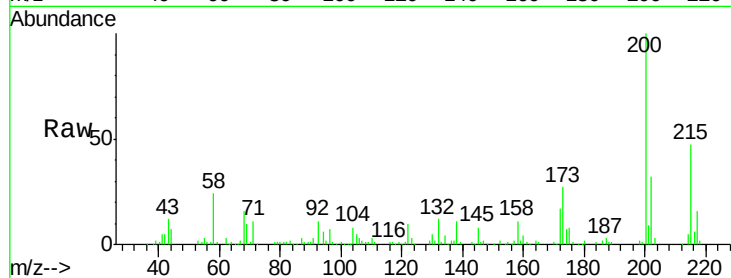




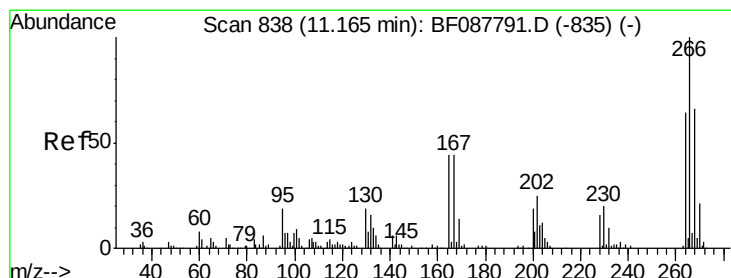
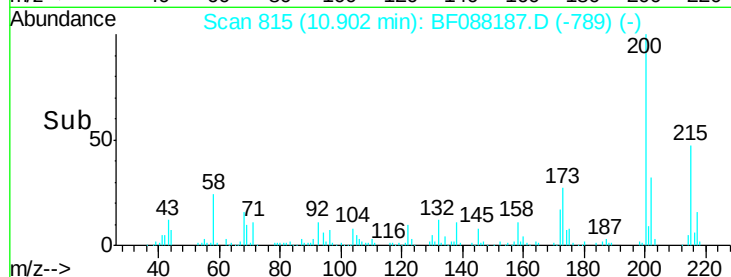
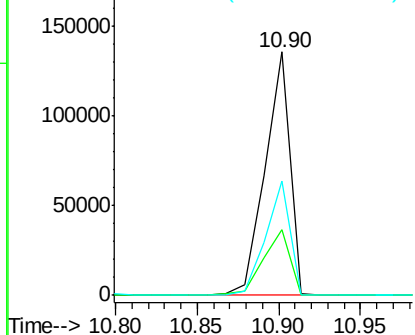
#68
 Atrazine
 Concen: 46.07 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

Tgt Ion:200 Resp: 143650
 Ion Ratio Lower Upper
 200 100
 173 27.2 4.0 44.0
 215 47.0 29.3 69.3

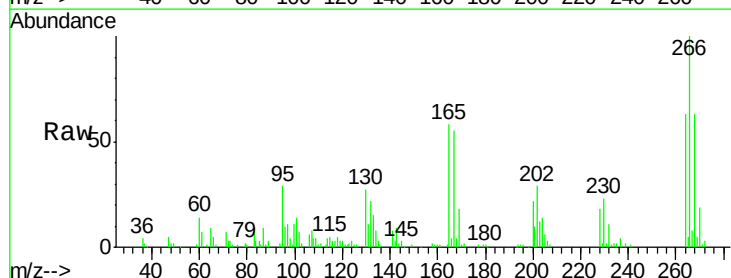


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

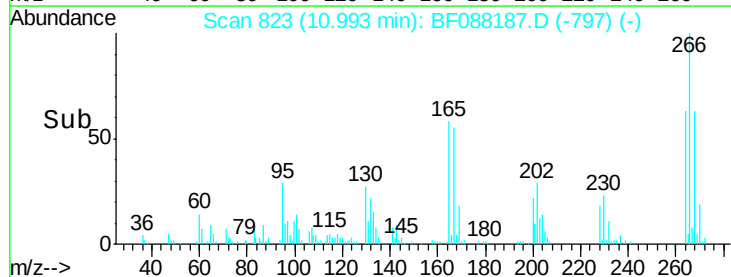
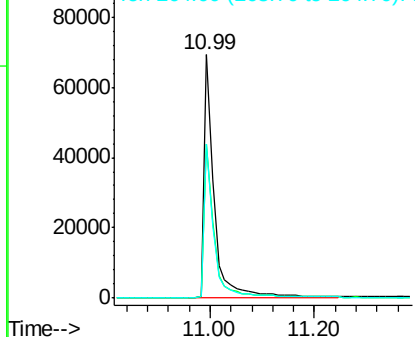


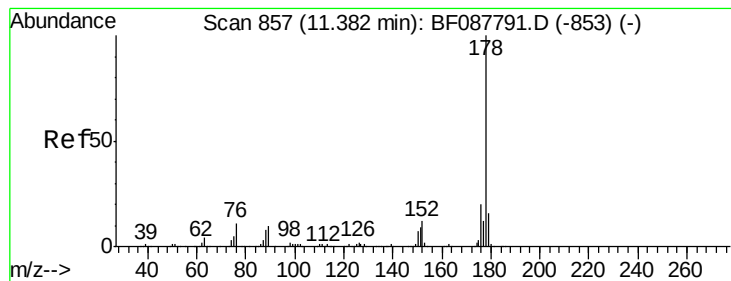
#69
 Pentachlorophenol
 Concen: 52.97 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion:266 Resp: 96583
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.8 79.2
 264 63.3 49.6 74.4



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





#70

Phenanthrene

Concen: 43.54 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

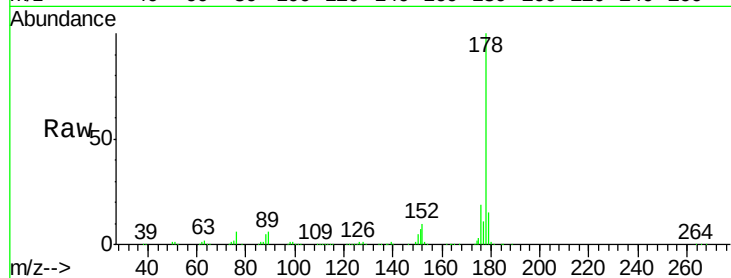
Tgt Ion:178 Resp: 708857

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

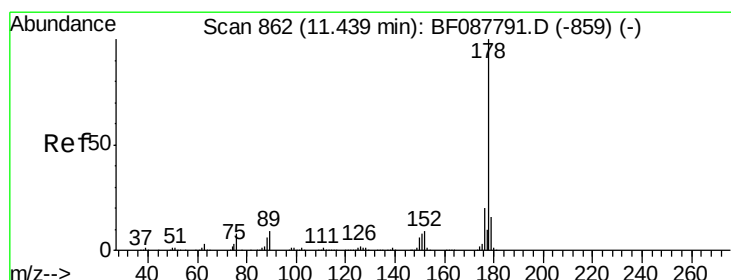
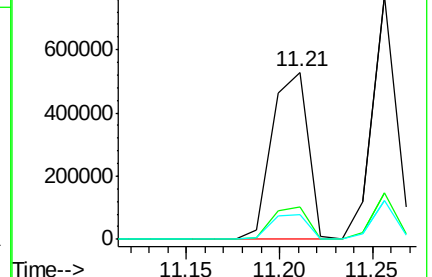
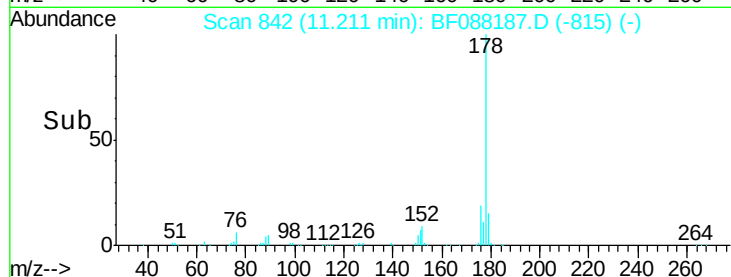
179 15.2 13.0 19.4



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: 41.86 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

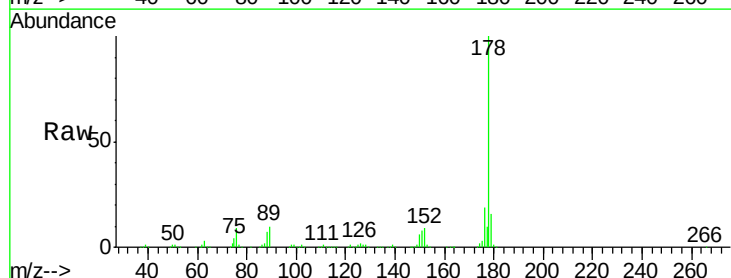
Tgt Ion:178 Resp: 687572

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

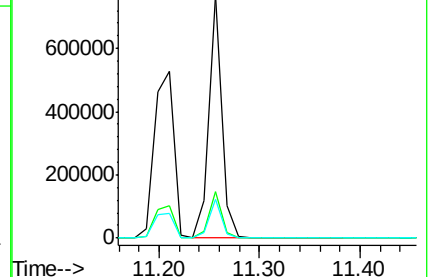
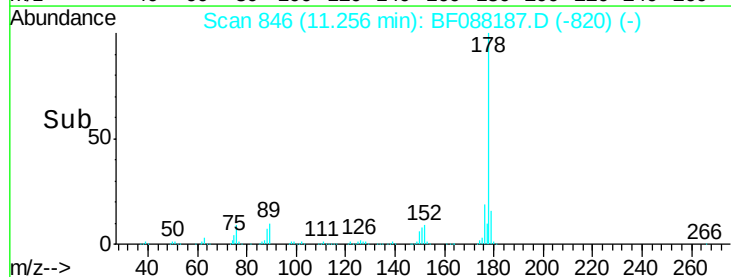
179 16.1 12.8 19.2

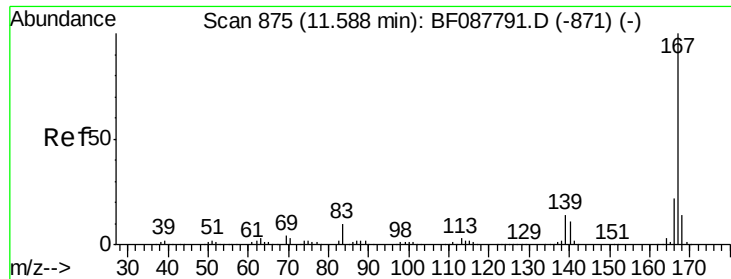


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

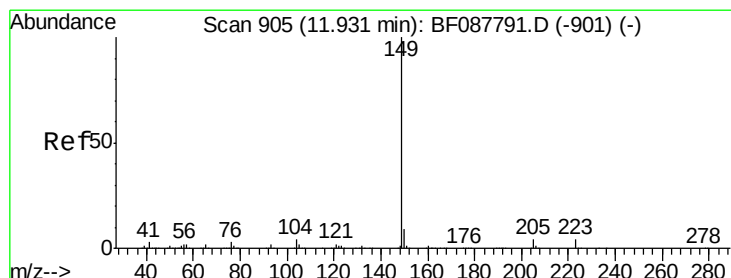
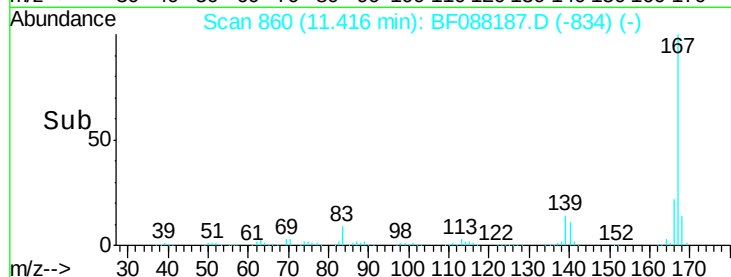
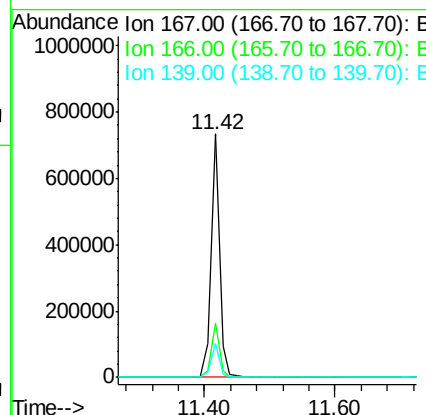
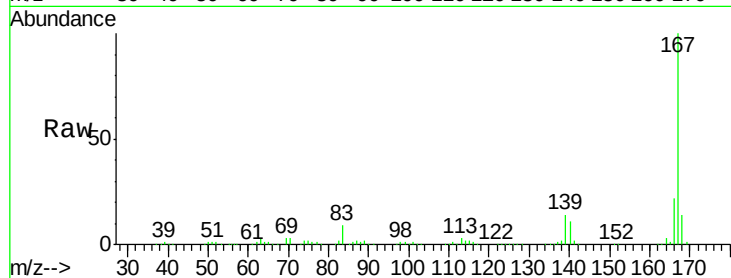




#72
 Carbazole
 Concen: 42.37 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

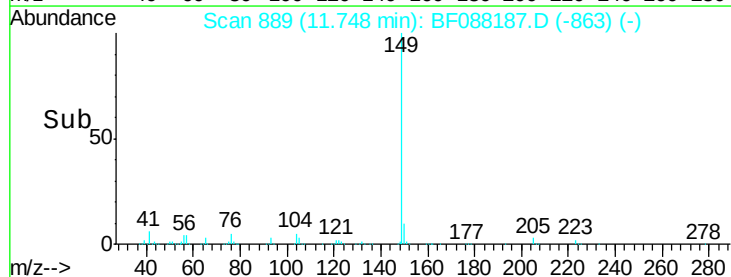
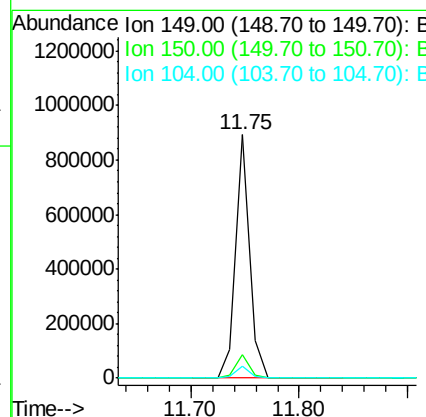
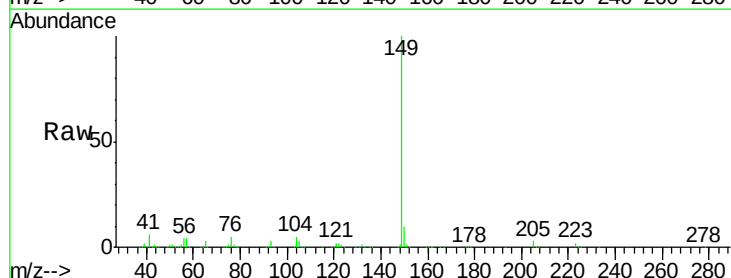
Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

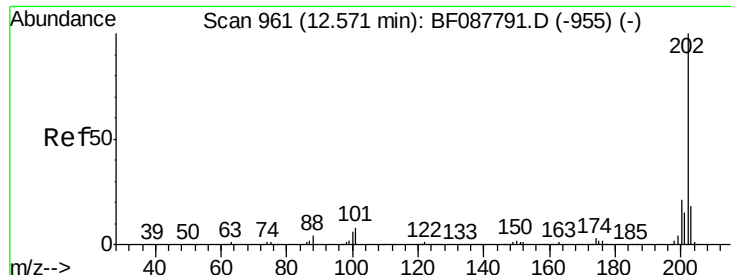
Tgt Ion:167 Resp: 651134
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.0 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 40.12 ng
 RT: 11.75 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion:149 Resp: 780569
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 5.0 4.0 6.0

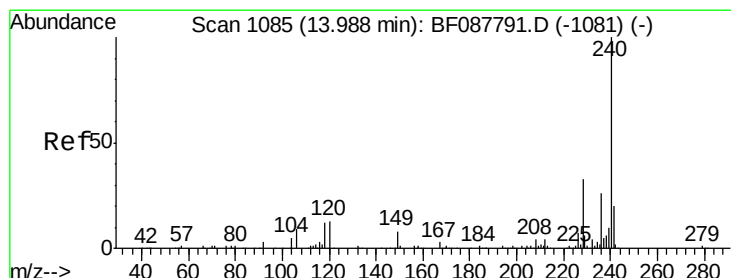
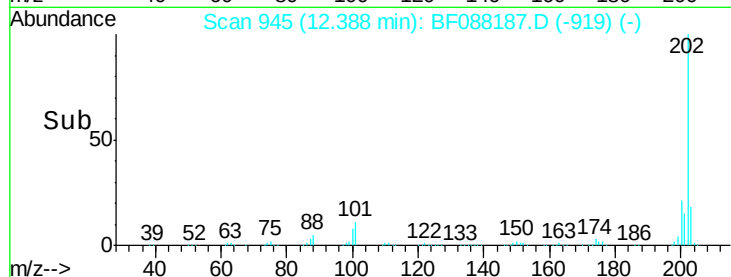
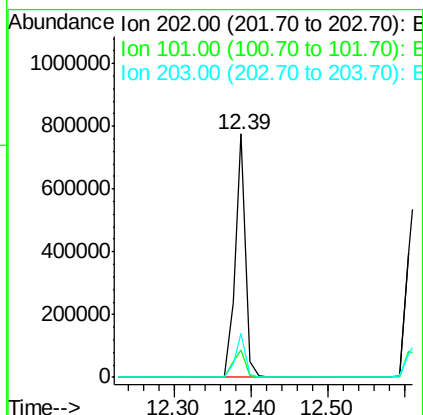
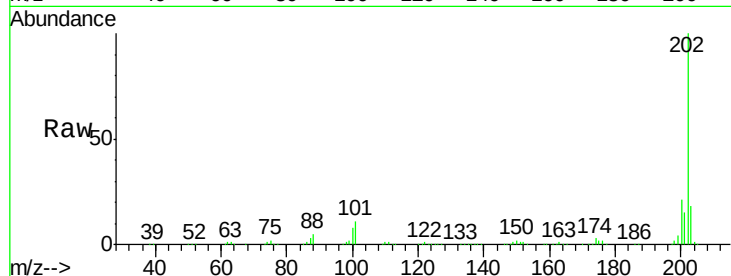




#74
 Fluoranthene
 Concen: 42.85 ng
 RT: 12.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

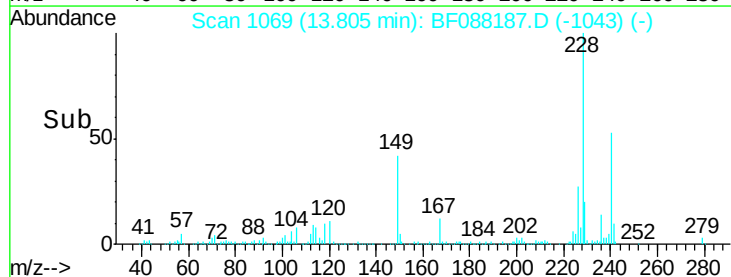
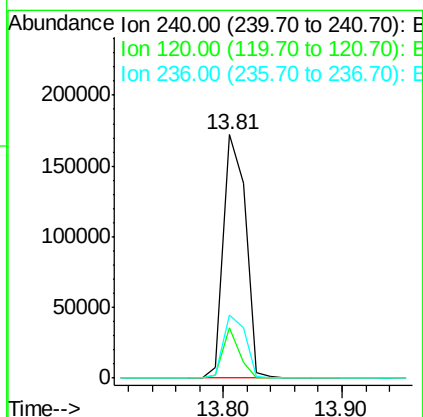
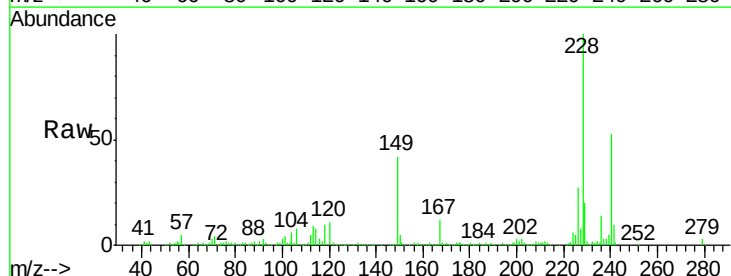
Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

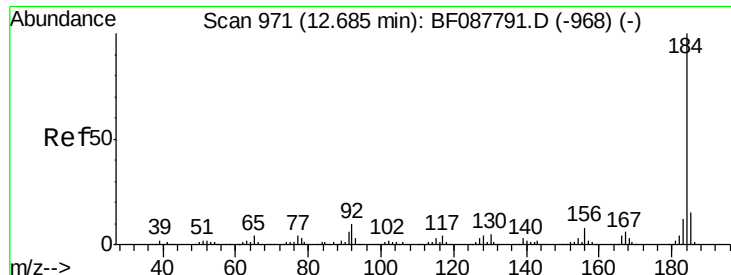
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	33.1
203	17.9	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	20.6	6.8	10.2#
236	26.1	20.2	30.2

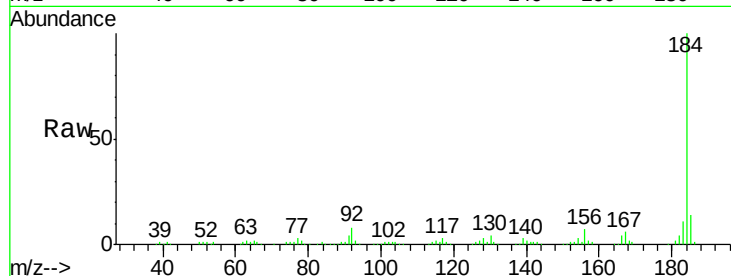




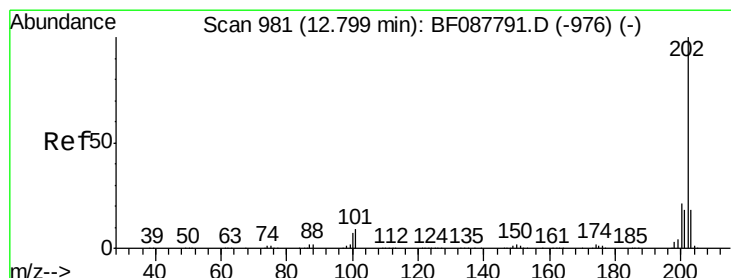
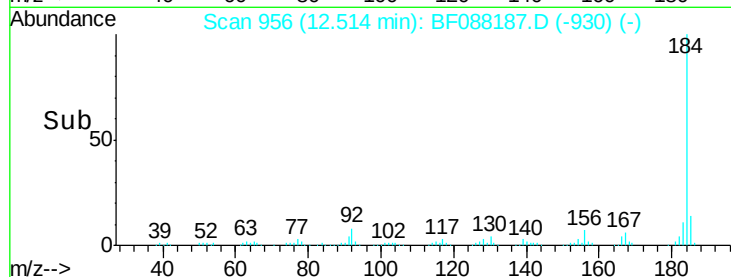
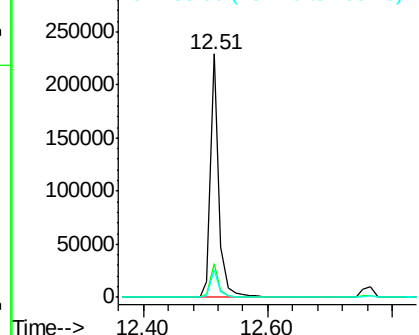
#76
Benzidine
Concen: 35.26 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB91325BS

Tgt Ion:184 Resp: 216912
Ion Ratio Lower Upper
184 100
185 14.0 12.5 18.7
183 11.3 9.3 13.9

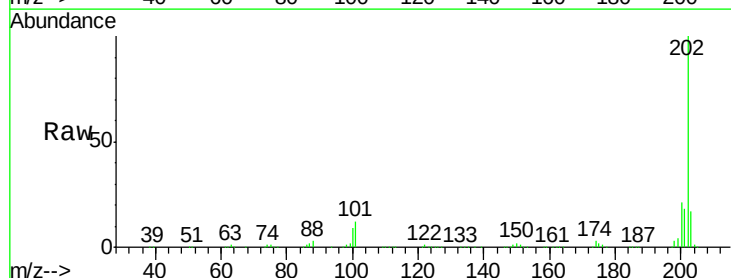


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

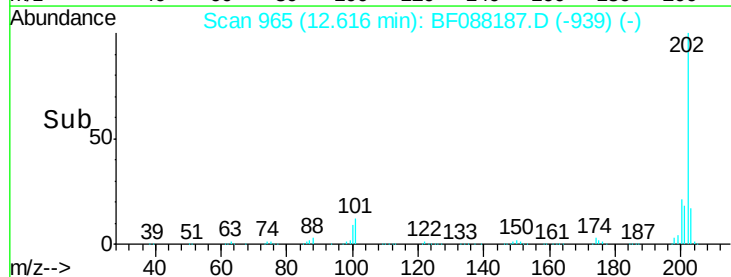
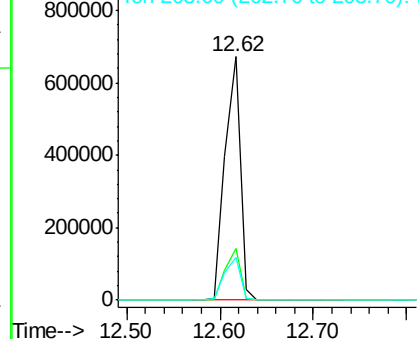


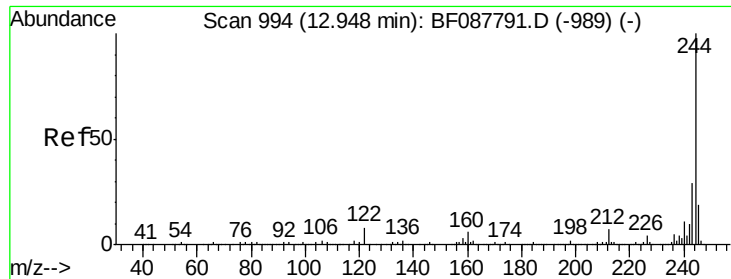
#77
Pyrene
Concen: 46.17 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Tgt Ion:202 Resp: 761098
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.4 14.5 21.7



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

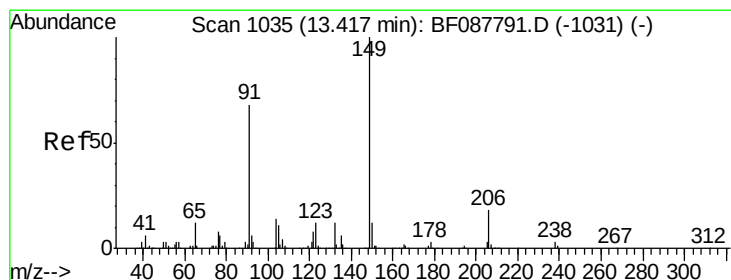
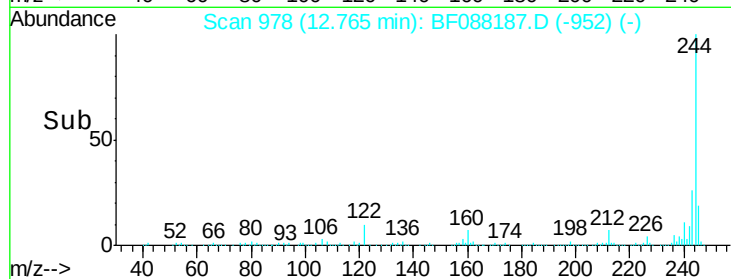
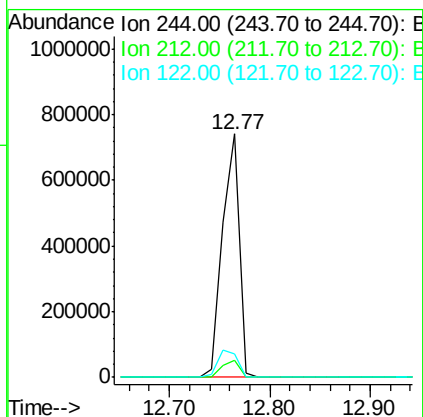
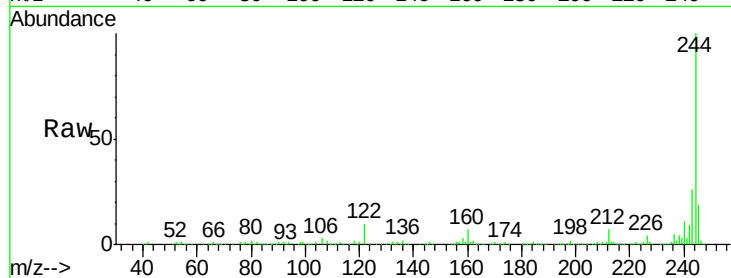




#78
 Terphenyl-d14
 Concen: 88.25 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

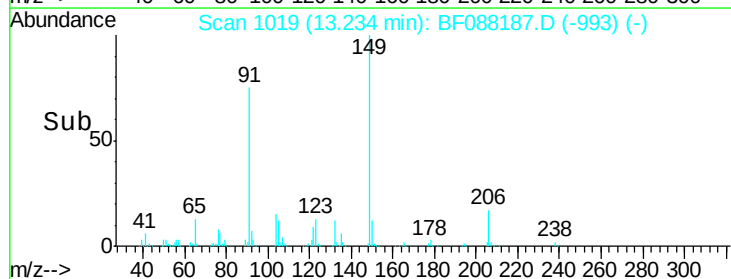
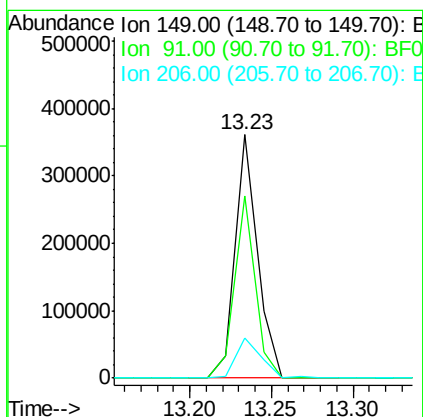
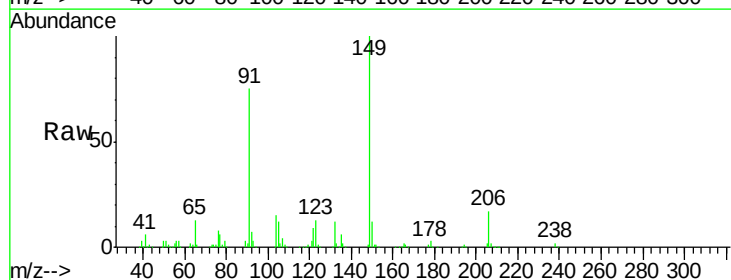
Instrument :
 BNA_F
 ClientSampleID :
 PB91325BS

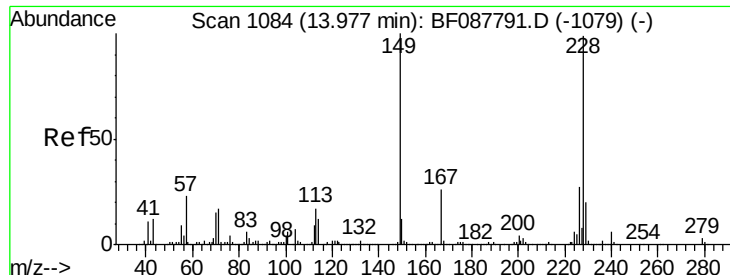
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.7	11.2	16.8#



#79
 Butylbenzylphthalate
 Concen: 46.59 ng
 RT: 13.23 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.6	48.0	72.0#
206	16.5	16.0	24.0





#80

Benzo(a)anthracene

Concen: 42.92 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

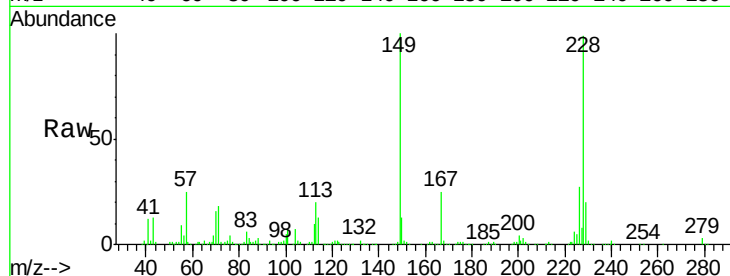
Tgt Ion:228 Resp: 543287

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

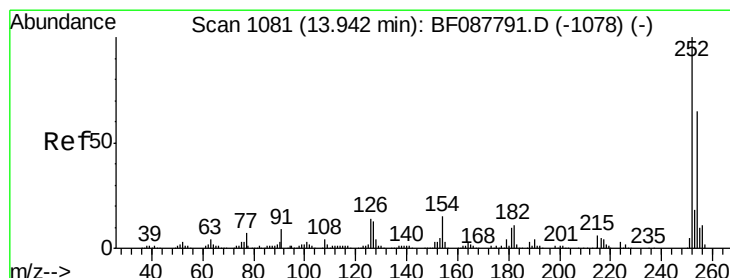
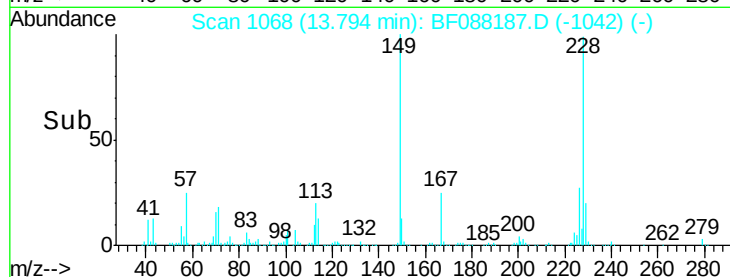
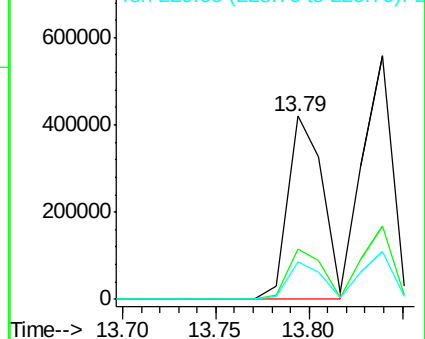
229 20.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 33.71 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

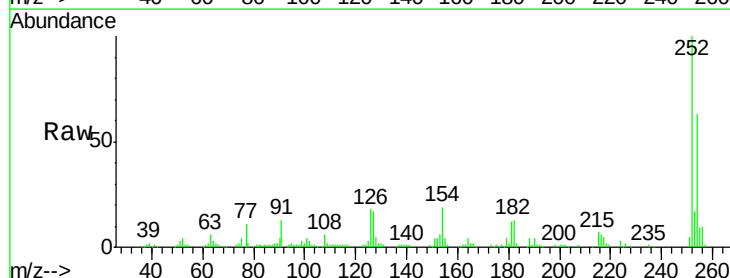
Tgt Ion:252 Resp: 114763

Ion Ratio Lower Upper

252 100

254 62.6 52.6 78.8

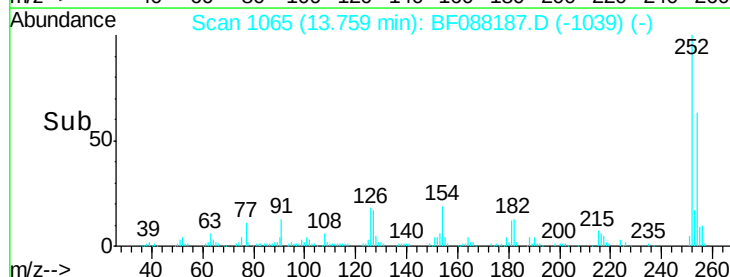
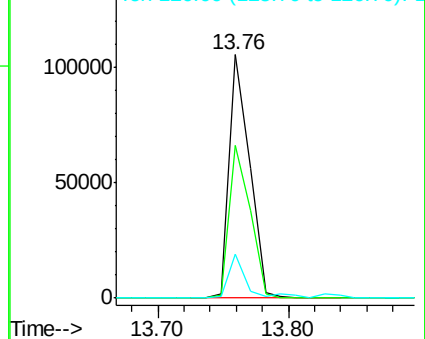
126 18.1 6.2 9.2#

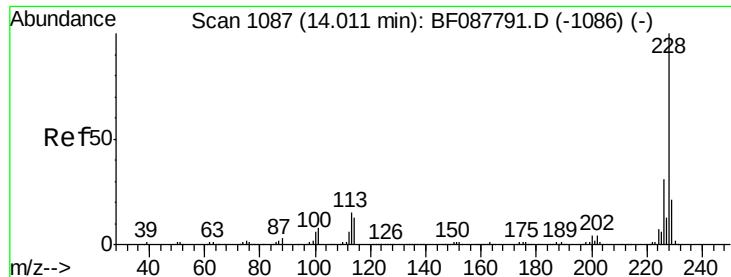


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

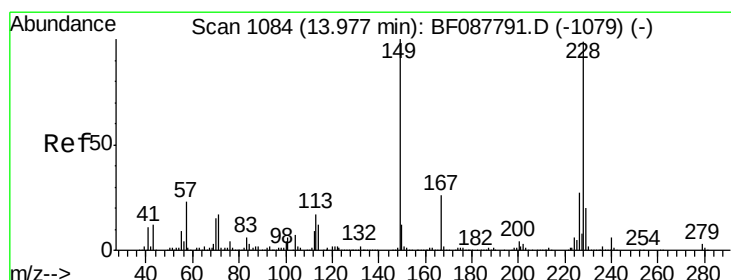
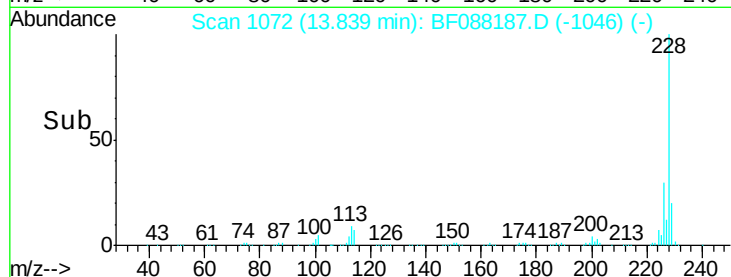
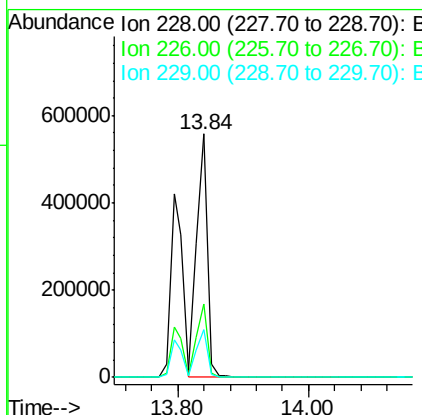
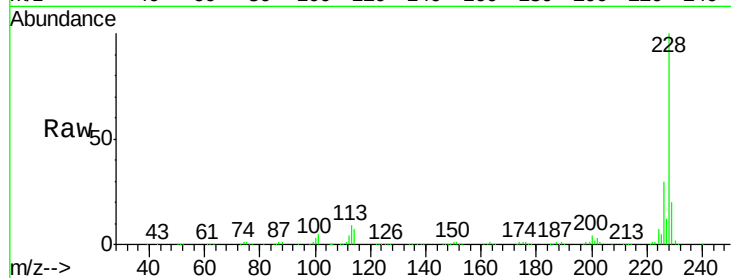




#82
Chrysene
 Concen: 52.41 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

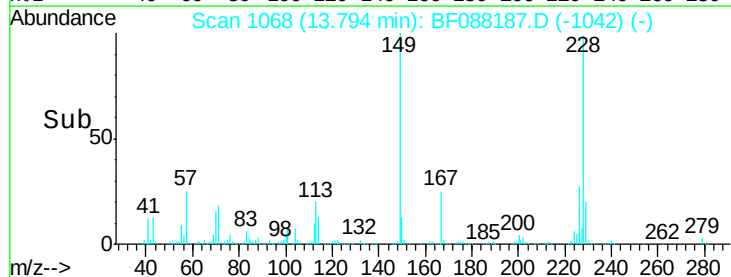
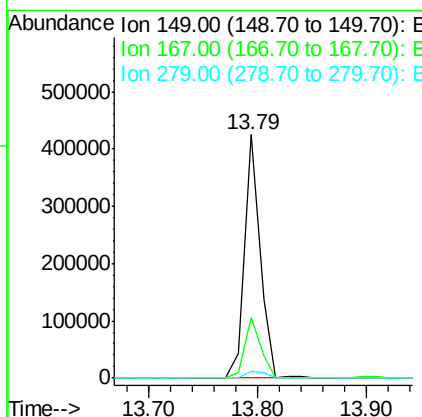
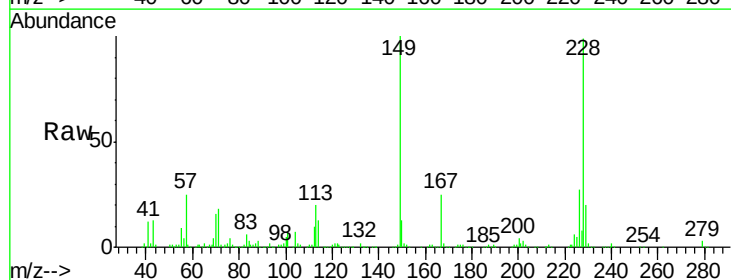
Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

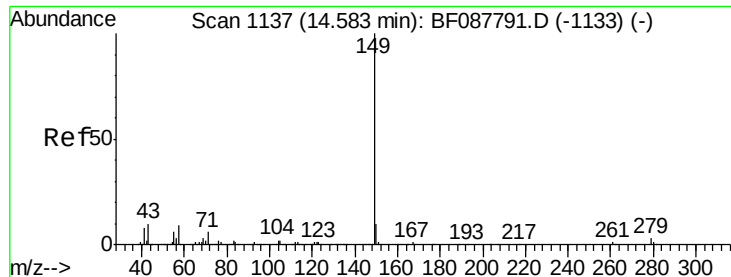
Tgt Ion: 228 Resp: 624152
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.4 38.2
 229 19.5 16.3 24.5



#83
Bis(2-ethylhexyl)phthalate
 Concen: 47.42 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion: 149 Resp: 420725
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.5 30.7
 279 2.5 2.0 3.0

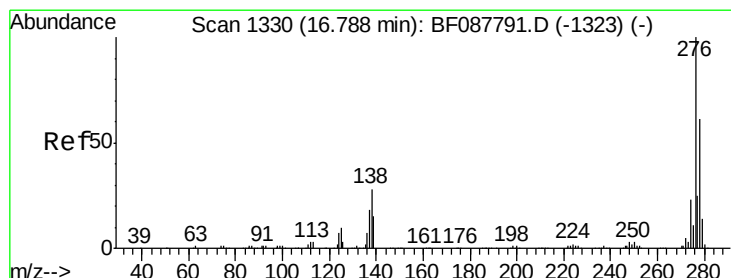
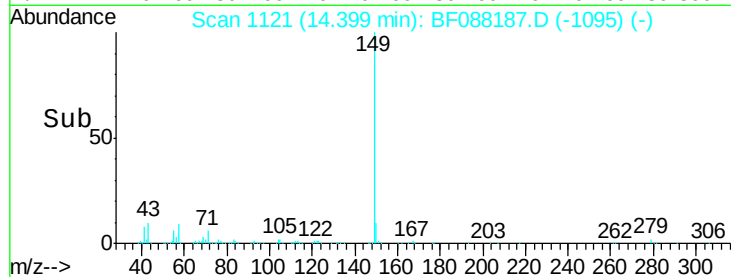
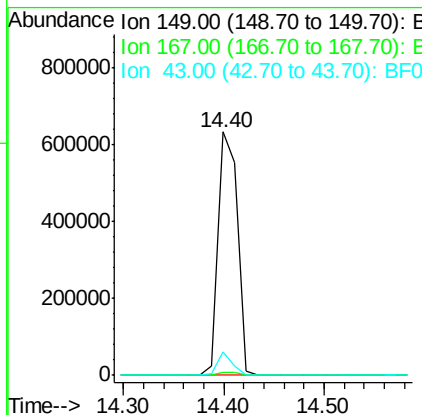
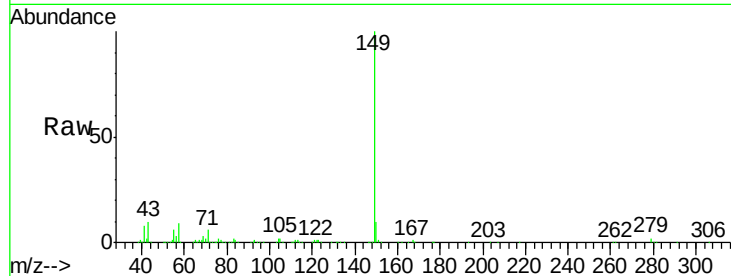




#84
 Di-n-octyl phthalate
 Concen: 58.48 ng
 RT: 14.40 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

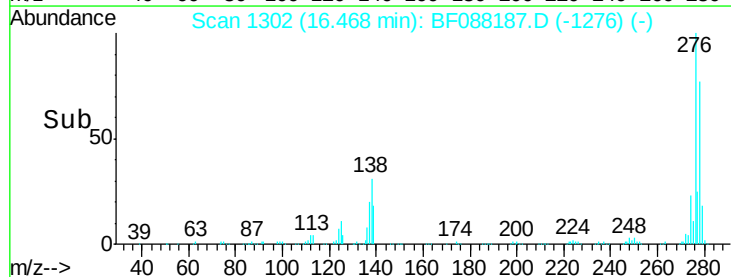
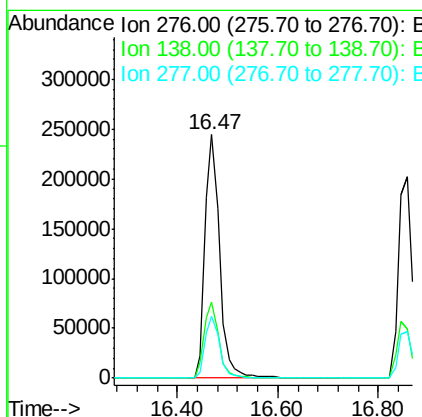
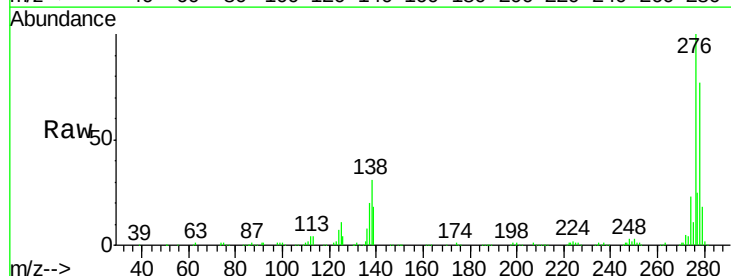
Instrument :
 BNA_F
 ClientSampleId :
 PB91325BS

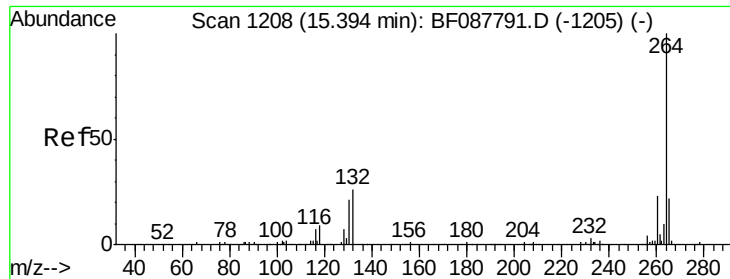
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	7.8	0.0	0.0#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.96 ng
 RT: 16.47 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF088187.D
 Acq: 20 Jun 2016 22:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	0.0	0.0#
277	25.2	0.0	0.0#



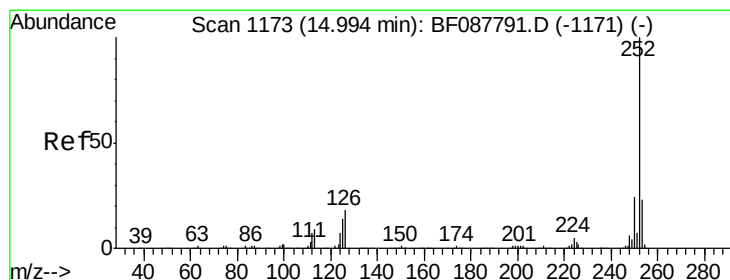
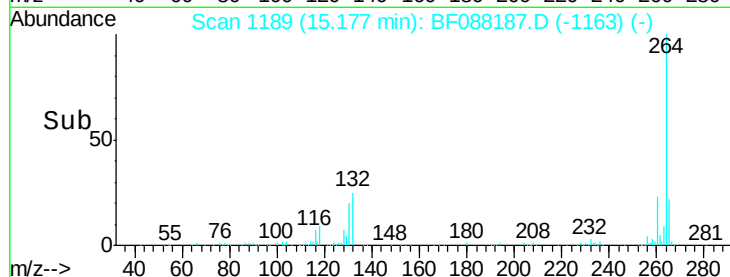
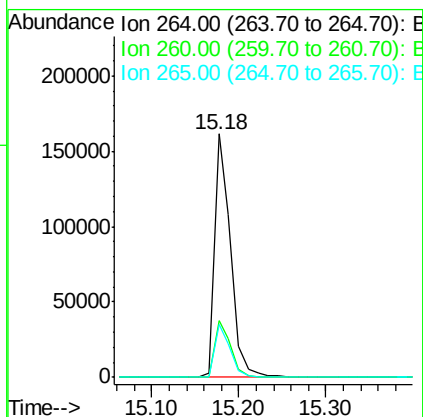
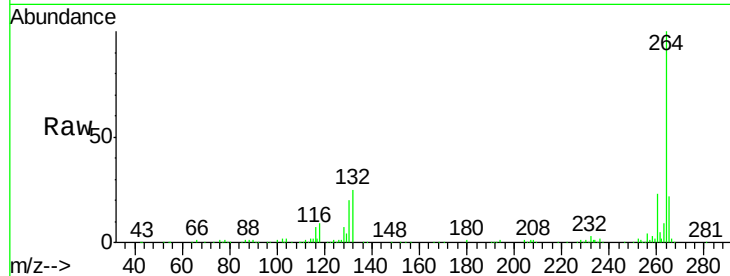


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB91325BS

Tgt Ion: 264 Resp: 209216

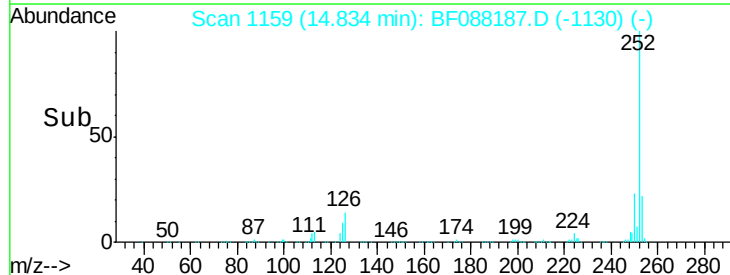
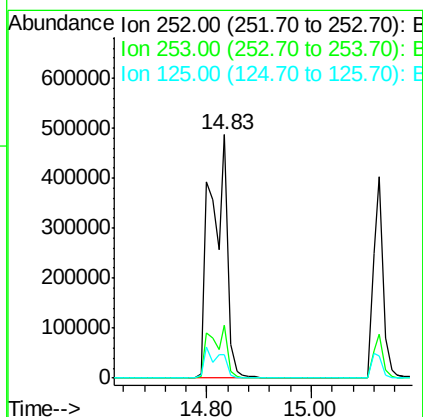
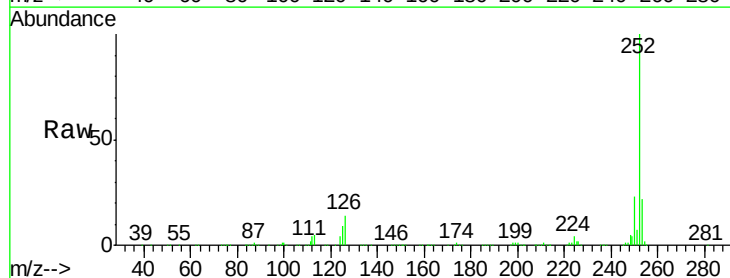
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.0	16.9	25.3

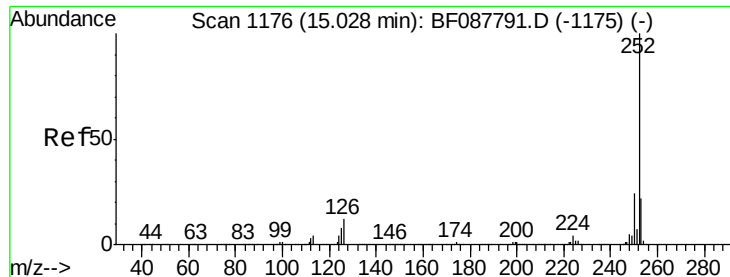


#87
Benzo(b)fluoranthene
Concen: 75.58 ng
RT: 14.83 min Scan# 1159
Delta R.T. 0.03 min
Lab File: BF088187.D
Acq: 20 Jun 2016 22:50

Tgt Ion: 252 Resp: 1102181

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.5	7.1	10.7





#88

Benzo(k)fluoranthene

Concen: 100.24 ng

RT: 14.83 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

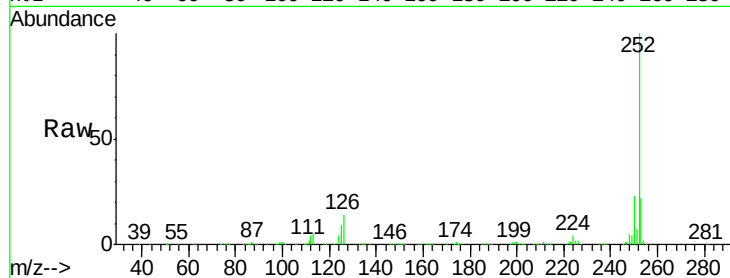
Tgt Ion:252 Resp: 1102600

Ion Ratio Lower Upper

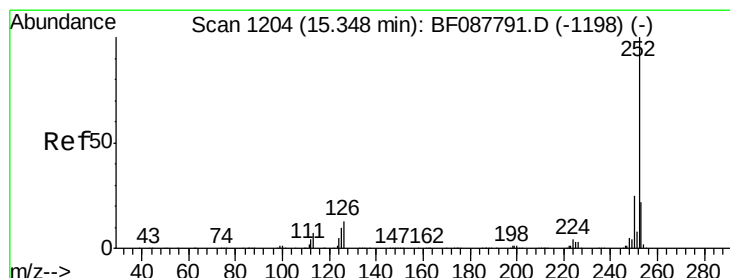
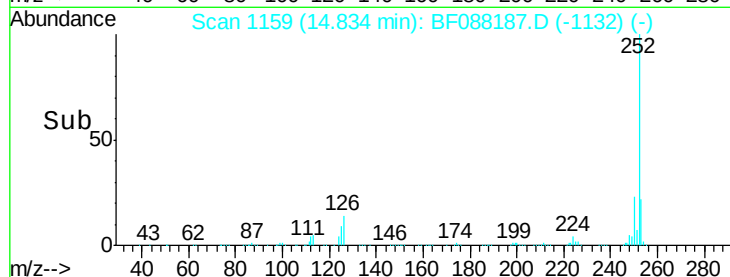
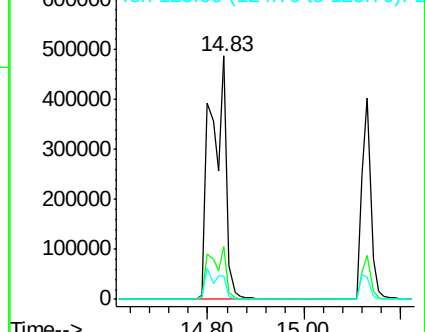
252 100

253 21.6 18.0 27.0

125 9.5 11.2 16.8#



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



#89

Benzo(a)pyrene

Concen: 44.92 ng

RT: 15.13 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

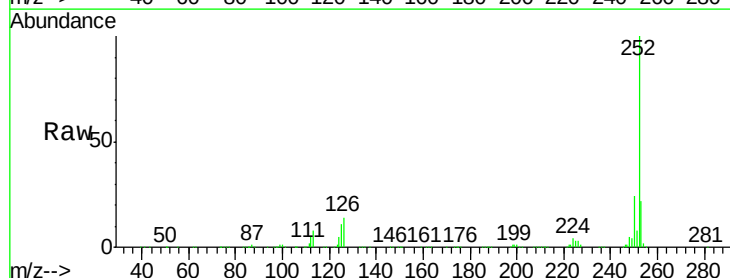
Tgt Ion:252 Resp: 529944

Ion Ratio Lower Upper

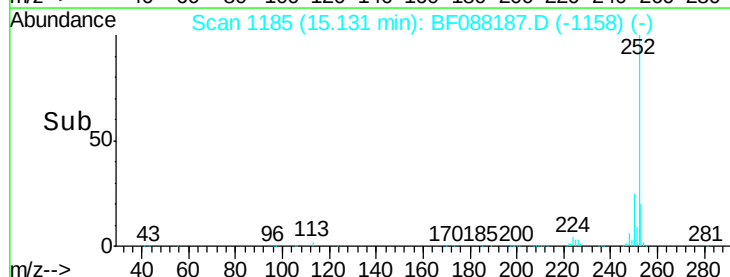
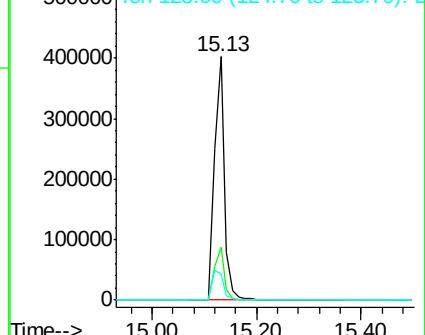
252 100

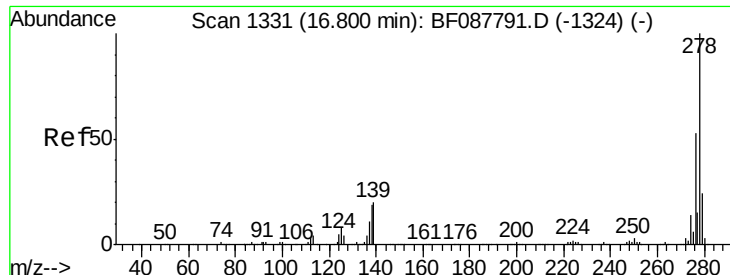
253 21.6 17.9 26.9

125 10.9 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: 38.28 ng

RT: 16.48 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB91325BS

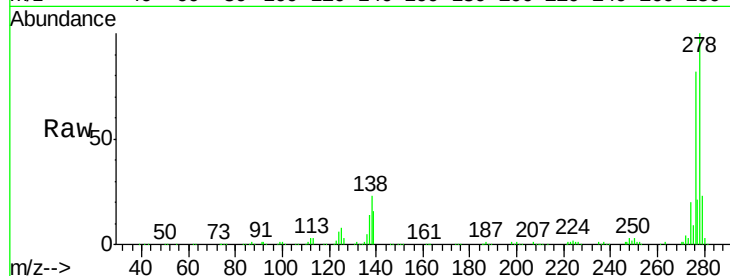
Tgt Ion:278 Resp: 419403

Ion Ratio Lower Upper

278 100

139 16.4 15.7 23.5

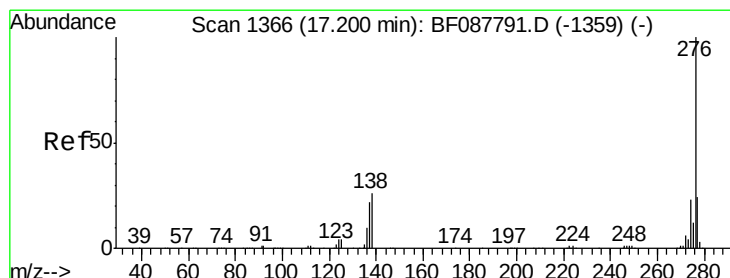
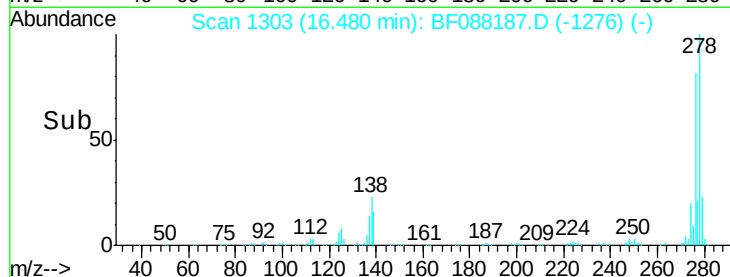
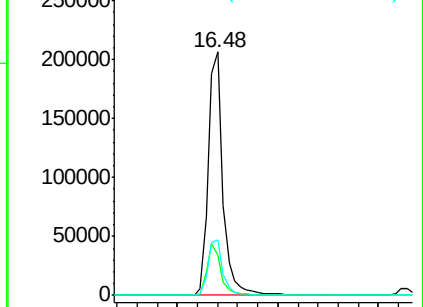
279 22.7 19.4 29.2



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: 38.19 ng

RT: 16.86 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF088187.D

Acq: 20 Jun 2016 22:50

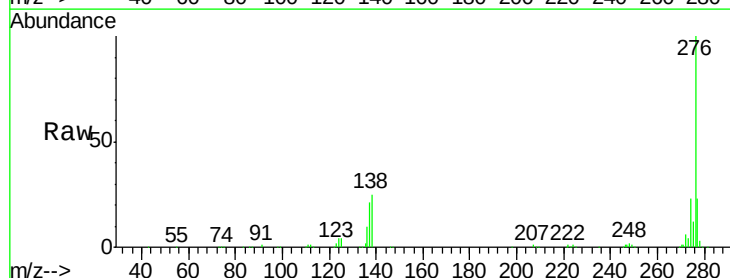
Tgt Ion:276 Resp: 430410

Ion Ratio Lower Upper

276 100

277 23.2 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

