

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087676.D
 Acq On : 4 Jun 2016 20:17
 Operator : UM/SJ
 Sample : PB90993BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90993BS

Quant Time: Jun 05 01:03:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	118413	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	496095	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	233357	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	426182	20.00	ng	0.00
75) Chrysene-d12	14.02	240	317816	20.00	ng	0.00
86) Perylene-d12	15.44	264	271603	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	783649	106.97	ng	0.01
7) Phenol-d6	6.49	99	1025274	111.59	ng	0.00
23) Nitrobenzene-d5	7.43	82	680049	79.31	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	294902	125.90	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1290913	84.86	ng	0.00
78) Terphenyl-d14	12.97	244	981518	75.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	108336	30.59	ng	# 25
3) Pyridine	3.28	79	341754	36.53	ng	96
4) n-Nitrosodimethylamine	3.23	42	154037	38.98	ng	100
6) Aniline	6.52	93	289496	22.23	ng	100
8) 2-Chlorophenol	6.64	128	326373	38.71	ng	94
9) Benzaldehyde	6.40	77	22320	3.59	ng	89
10) Phenol	6.50	94	410893	39.27	ng	91
11) bis(2-Chloroethyl)ether	6.60	93	310355	40.83	ng	# 81
12) 1,3-Dichlorobenzene	6.80	146	330962	36.67	ng	99
13) 1,4-Dichlorobenzene	6.88	146	364560	40.25	ng	98
14) 1,2-Dichlorobenzene	6.88	146	364560	42.94	ng	96
15) Benzyl Alcohol	7.00	79	232361	34.23	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	438442	39.55	ng	97
17) 2-Methylphenol	7.12	107	301856	44.59	ng	96
18) Hexachloroethane	7.38	117	128575	40.60	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	213491	37.21	ng	99
20) 3+4-Methylphenols	7.27	107	324321	39.11	ng	92
22) Acetophenone	7.28	105	451516	40.18	ng	# 99
24) Nitrobenzene	7.45	77	346375	40.36	ng	93
25) Isophorone	7.69	82	637681	40.85	ng	97
26) 2-Nitrophenol	7.76	139	164720	41.31	ng	96
27) 2,4-Dimethylphenol	7.80	122	362271	43.84	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	379987	38.37	ng	# 97
29) 2,4-Dichlorophenol	8.00	162	273691	40.33	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	295017	41.51	ng	99
31) Naphthalene	8.17	128	995679	41.28	ng	99
32) Benzoic acid	7.92	122	231712	46.48	ng	97
33) 4-Chloroaniline	8.22	127	147420	14.07	ng	94
34) Hexachlorobutadiene	8.30	225	147129	39.82	ng	98
35) Caprolactam	8.58	113	66110	29.65	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	308831	43.99	ng	98
37) 2-Methylnaphthalene	8.86	142	630268	39.57	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	251872	39.16	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	288064	76.15	ng	99

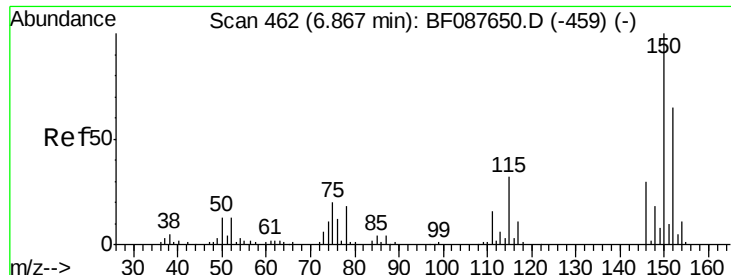
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	189718	39.06	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	188121	41.62	ng #	88
45) 1,1'-Biphenyl	9.32	154	709417	37.46	ng	100
46) 2-Chloronaphthalene	9.35	162	570600	37.85	ng	99
47) 2-Nitroaniline	9.44	65	169135	39.84	ng	98
48) Acenaphthylene	9.77	152	981925	41.77	ng	99
49) Dimethylphthalate	9.63	163	733767	43.25	ng	100
50) 2,6-Dinitrotoluene	9.69	165	179610	46.53	ng #	89
51) Acenaphthene	9.94	154	678342	44.84	ng	99
52) 3-Nitroaniline	9.85	138	94070	21.31	ng	95
53) 2,4-Dinitrophenol	9.95	184	167052	94.62	ng #	90
54) Dibenzofuran	10.11	168	897265	43.57	ng	97
55) 4-Nitrophenol	10.01	139	250185	66.30	ng	94
56) 2,4-Dinitrotoluene	10.09	165	226891	46.16	ng #	75
57) Fluorene	10.46	166	633703	39.36	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	172327	44.26	ng #	56
59) Diethylphthalate	10.33	149	673331	39.52	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	267197	41.93	ng	99
61) 4-Nitroaniline	10.47	138	153820	36.24	ng	94
62) Azobenzene	10.60	77	749341	43.69	ng	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	99800	42.38	ng	88
65) n-Nitrosodiphenylamine	10.56	169	581808	41.68	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	187565	44.38	ng	99
67) Hexachlorobenzene	10.99	284	185929	39.34	ng	98
68) Atrazine	11.10	200	190753	46.13	ng	97
69) Pentachlorophenol	11.19	266	231432	82.42	ng	99
70) Phenanthrene	11.40	178	919131	39.78	ng	100
71) Anthracene	11.46	178	982146	42.42	ng	100
72) Carbazole	11.61	167	833637	38.04	ng	100
73) Di-n-butylphthalate	11.95	149	1049791	44.68	ng	100
74) Fluoranthene	12.59	202	952929	41.91	ng	100
76) Benzidine	12.72	184	252126	20.12	ng	99
77) Pyrene	12.82	202	975331	43.10	ng	100
79) Butylbenzylphthalate	13.45	149	465259	48.31	ng	98
80) Benzo(a)anthracene	14.01	228	767495	41.84	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	134360	25.96	ng	99
82) Chrysene	14.05	228	778116	42.62	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	536838	46.84	ng	99
84) Di-n-octyl phthalate	14.62	149	958962	45.00	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	680177	45.07	ng #	100
87) Benzo(b)fluoranthene	15.04	252	777800	44.02	ng	99
88) Benzo(k)fluoranthene	15.04	252	777800	52.91	ng #	95
89) Benzo(a)pyrene	15.38	252	642151	43.24	ng	99
90) Dibenzo(a,h)anthracene	16.86	278	561012	44.39	ng	99
91) Benzo(g,h,i)perylene	17.26	276	561313	44.02	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

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PB90993BS

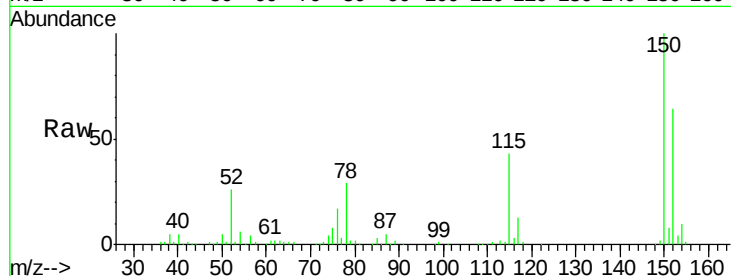
Tgt Ion:152 Resp: 118413

Ion Ratio Lower Upper

152 100

150 156.8 123.8 185.6

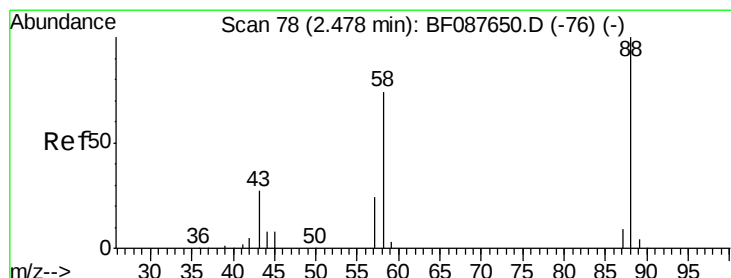
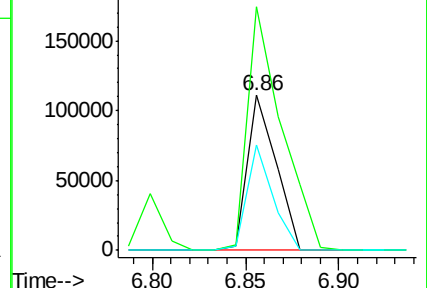
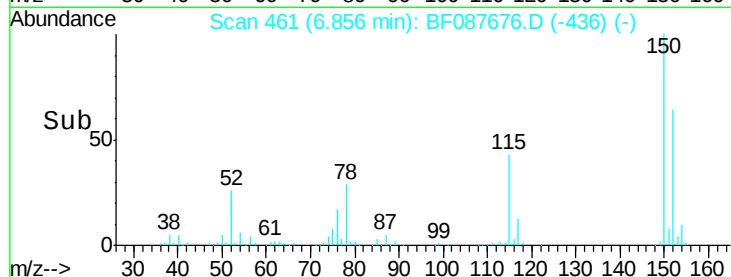
115 67.8 39.6 59.4#



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: 30.59 ng

RT: 2.57 min Scan# 86

Delta R.T. 0.09 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

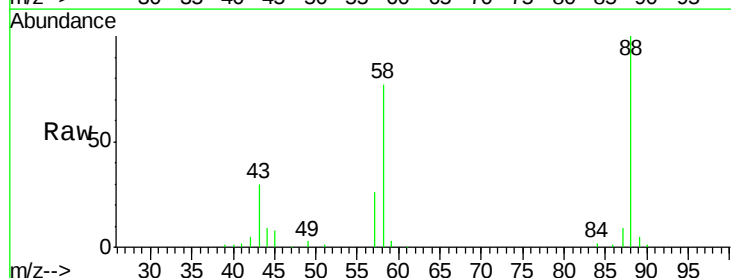
Tgt Ion: 88 Resp: 108336

Ion Ratio Lower Upper

88 100

58 76.6 0.0 0.0#

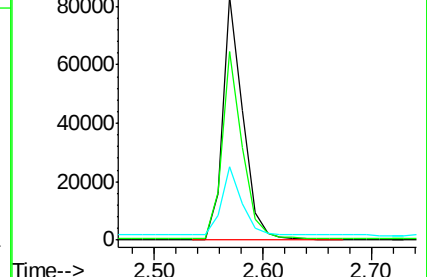
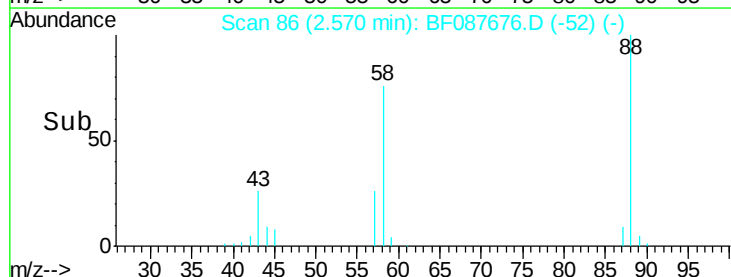
43 28.9 3.4 5.2#

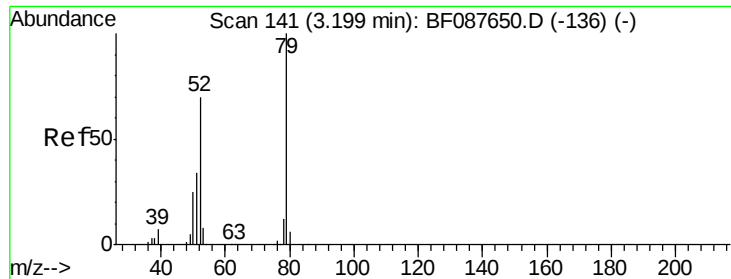


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.53 ng

RT: 3.28 min Scan# 148

Delta R.T. 0.08 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

PB90993BS

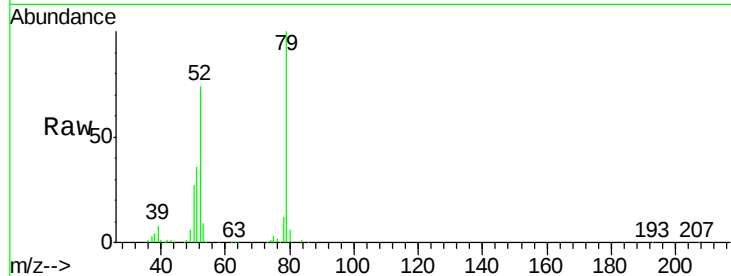
Tgt Ion: 79 Resp: 341754

Ion Ratio Lower Upper

79 100

52 73.8 56.3 84.5

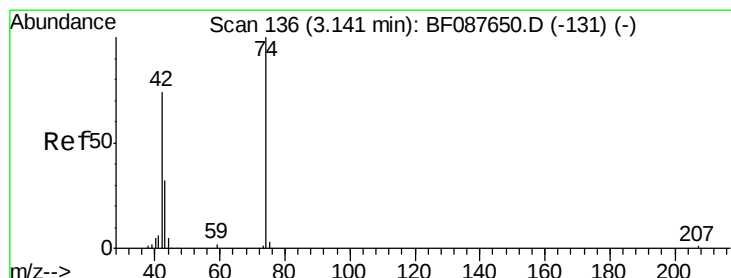
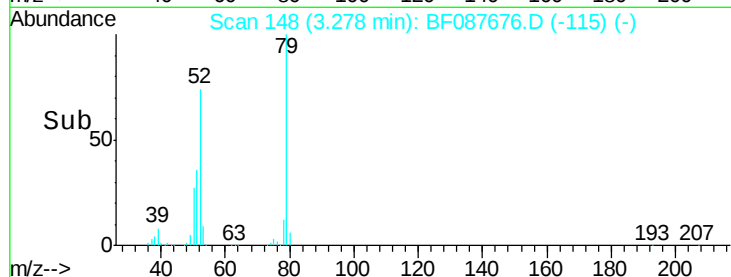
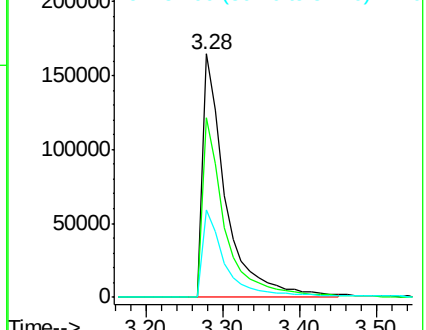
51 36.1 27.4 41.2



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: 38.98 ng

RT: 3.23 min Scan# 144

Delta R.T. 0.09 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

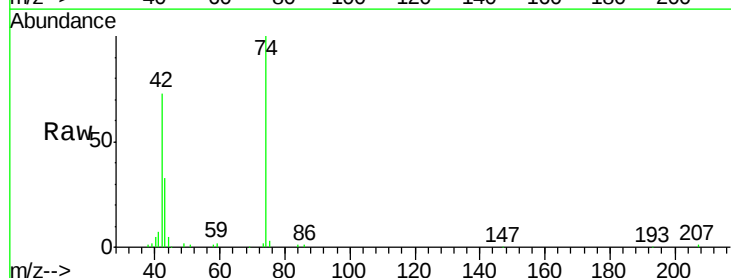
Tgt Ion: 42 Resp: 154037

Ion Ratio Lower Upper

42 100

74 136.1 108.6 163.0

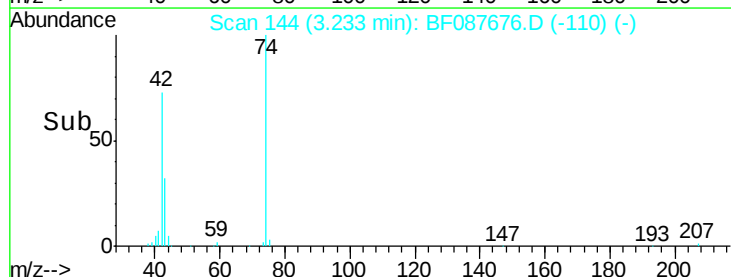
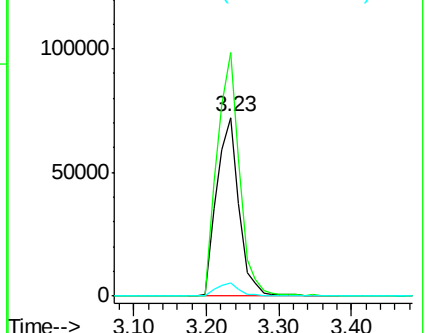
44 7.2 5.5 8.3

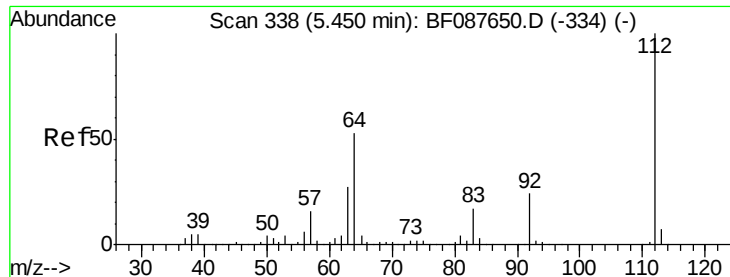


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 106.97 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampled :

PB90993BS

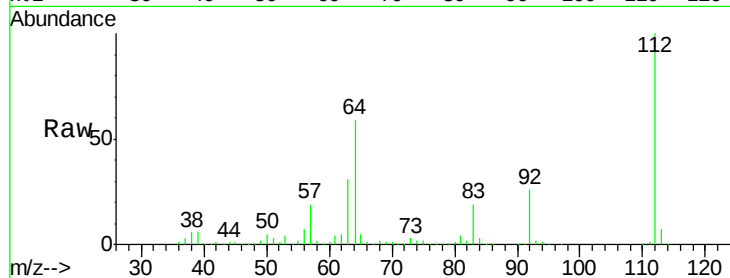
Tgt Ion: 112 Resp: 783649

Ion Ratio Lower Upper

112 100

64 59.0 42.2 63.2

63 30.7 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

800000

600000

400000

200000

0

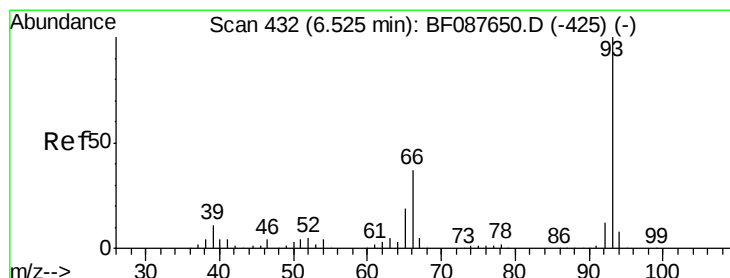
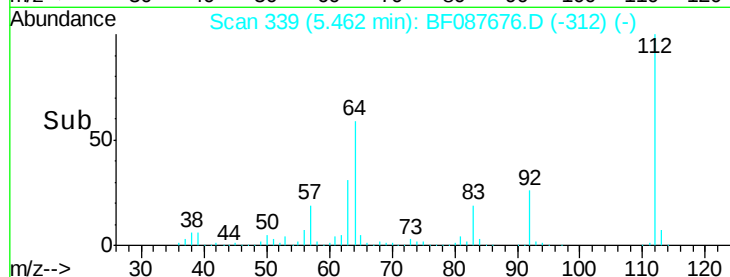
5.46

5.40

5.50

5.60

Time-->



#6

Aniline

Concen: 22.23 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

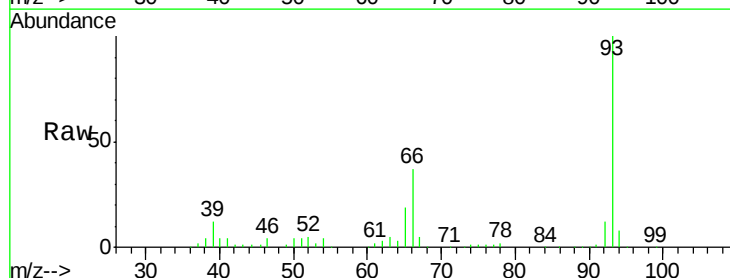
Tgt Ion: 93 Resp: 289496

Ion Ratio Lower Upper

93 100

66 37.2 29.8 44.8

65 18.6 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

300000

250000

200000

150000

100000

50000

0

6.52

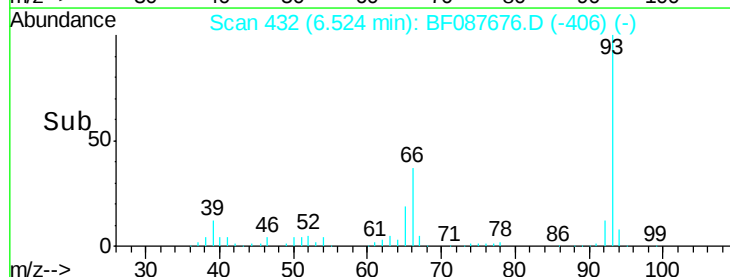
6.45

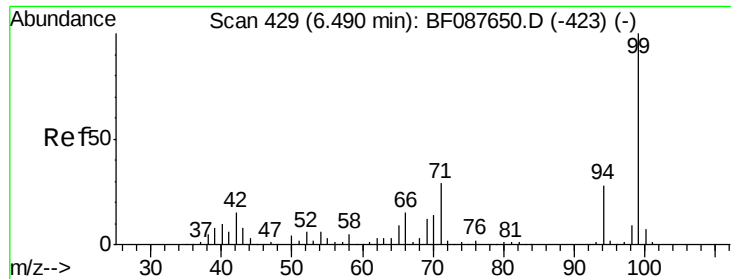
6.50

6.55

6.60

Time-->





#7

Phenol-d6

Concen: 111.59 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087676.D

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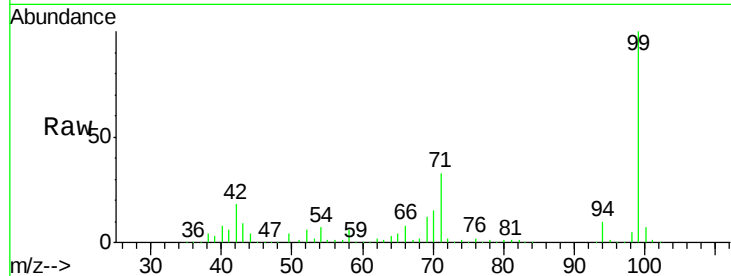
Tgt Ion: 99 Resp: 1025274

Ion Ratio Lower Upper

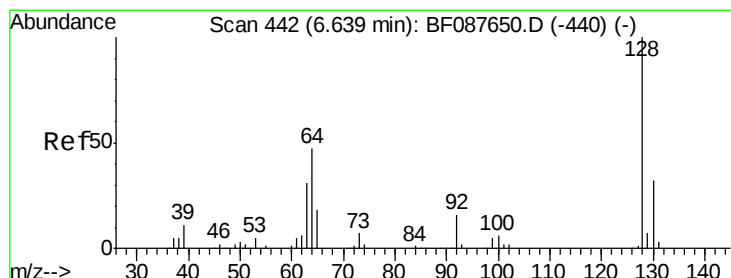
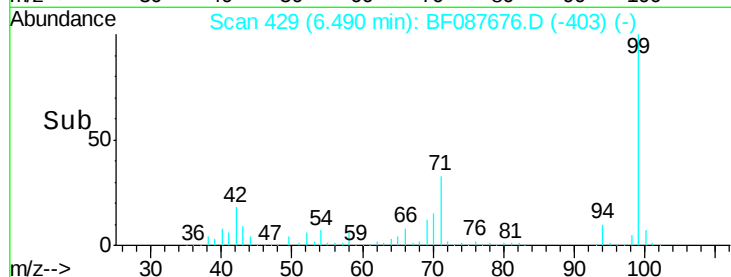
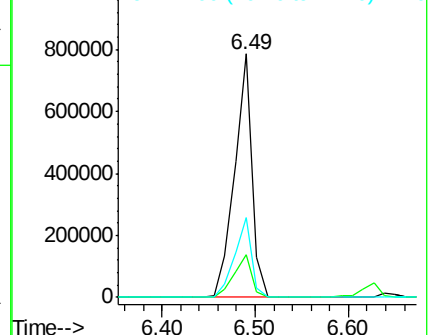
99 100

42 17.6 12.2 18.2

71 33.0 23.4 35.0



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



#8

2-Chlorophenol

Concen: 38.71 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

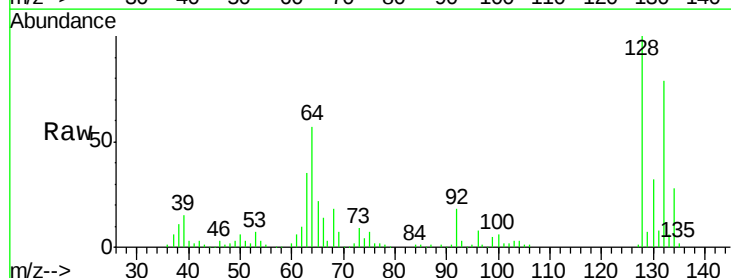
Tgt Ion: 128 Resp: 326373

Ion Ratio Lower Upper

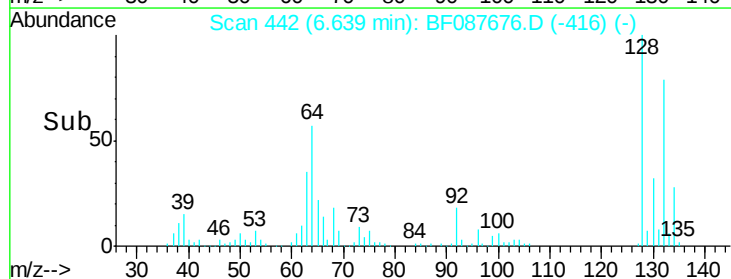
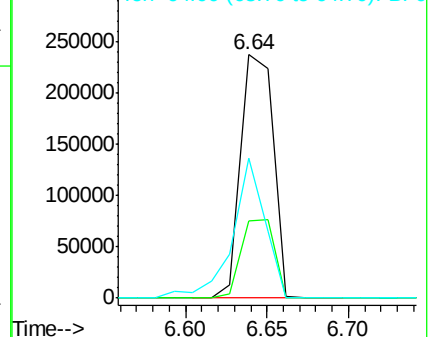
128 100

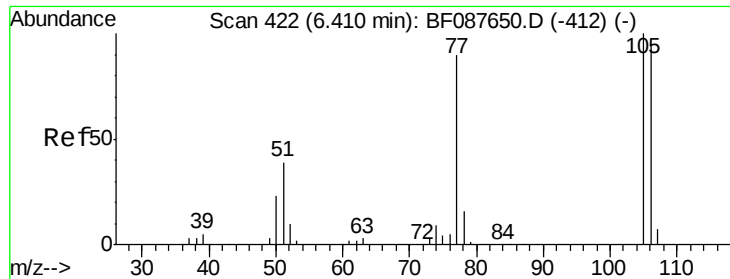
130 31.8 12.0 52.0

64 57.3 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.59 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

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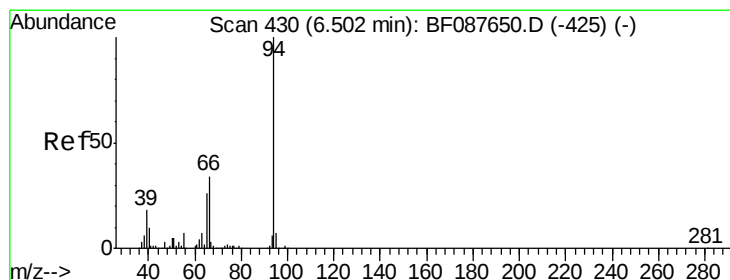
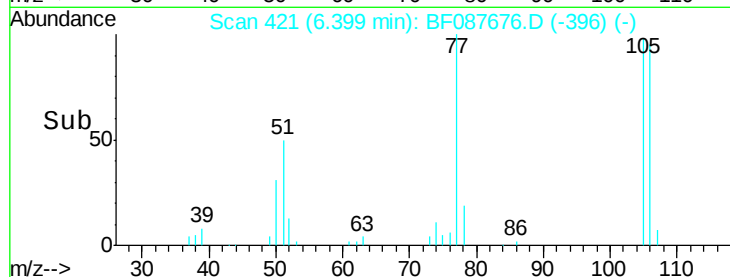
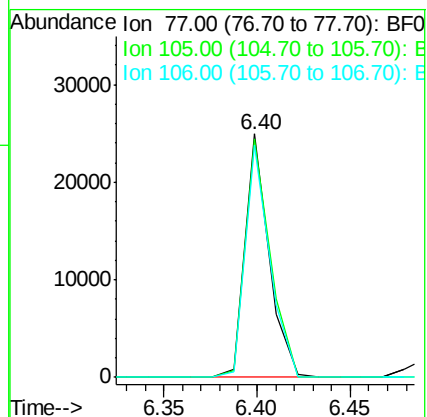
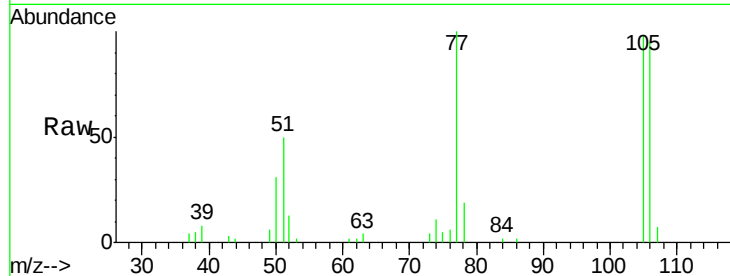
Tgt Ion: 77 Resp: 22320

Ion Ratio Lower Upper

77 100

105 97.8 90.6 130.6

106 95.3 85.3 125.3



#10

Phenol

Concen: 39.27 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

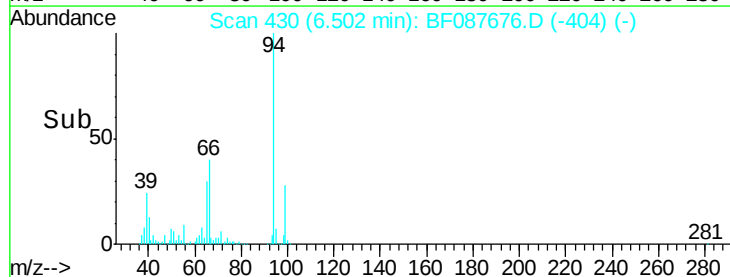
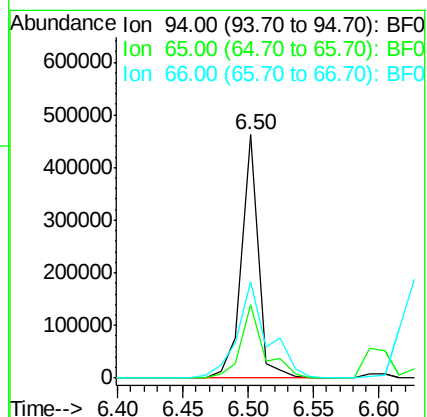
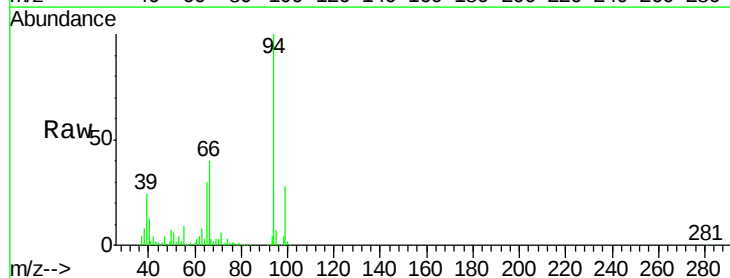
Tgt Ion: 94 Resp: 410893

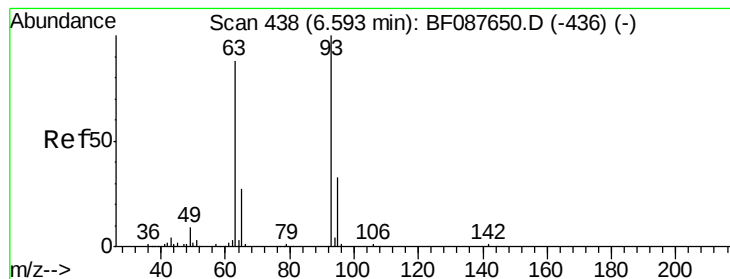
Ion Ratio Lower Upper

94 100

65 29.9 5.9 45.9

66 39.5 14.0 54.0





#11

bis(2-Chloroethyl)ether

Concen: 40.83 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

PB90993BS

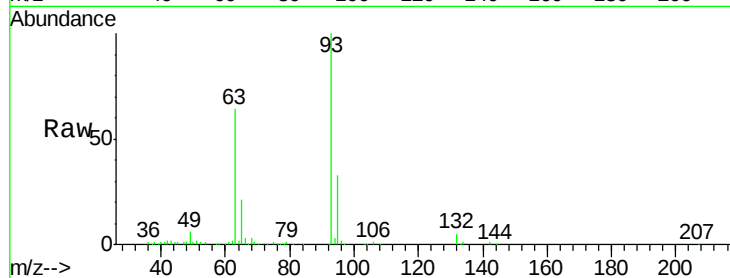
Tgt Ion: 93 Resp: 310355

Ion Ratio Lower Upper

93 100

63 64.1 67.6 107.6#

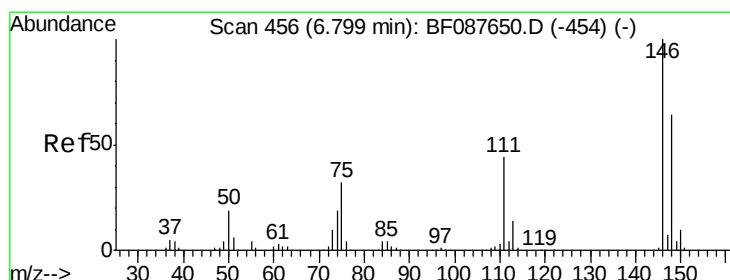
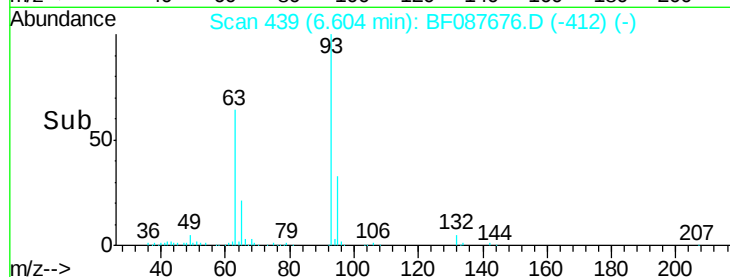
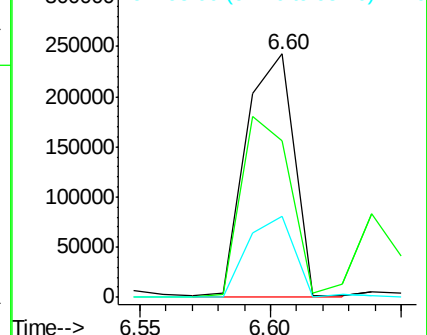
95 33.3 12.5 52.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.67 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

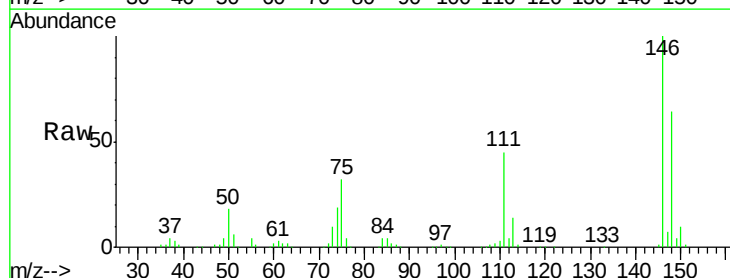
Tgt Ion: 146 Resp: 330962

Ion Ratio Lower Upper

146 100

148 64.1 50.9 76.3

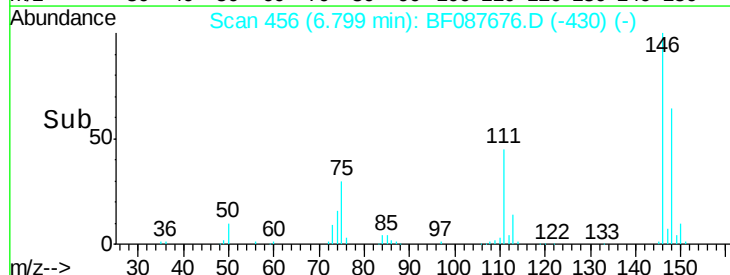
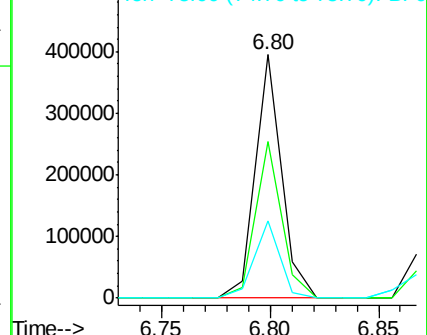
75 31.7 25.6 38.4

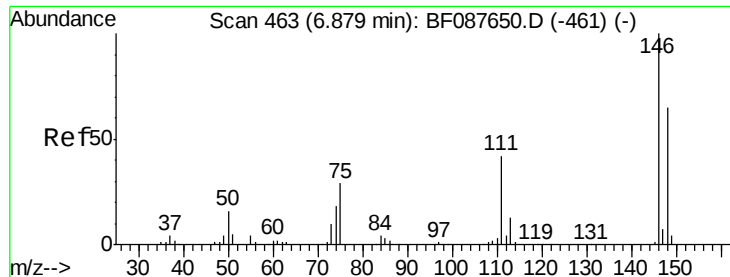


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

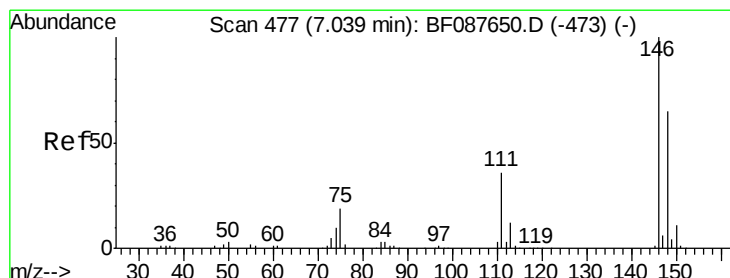
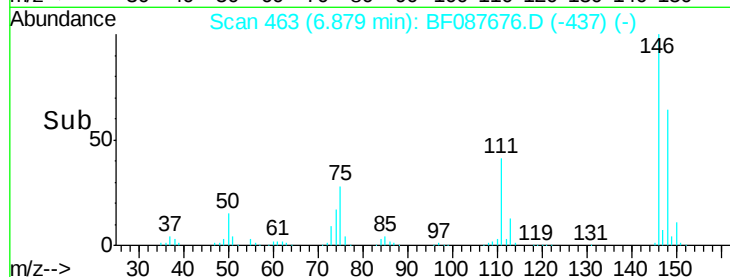
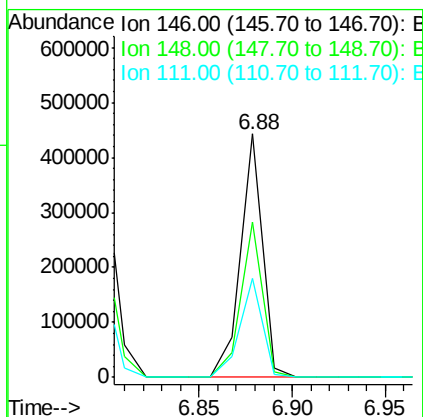
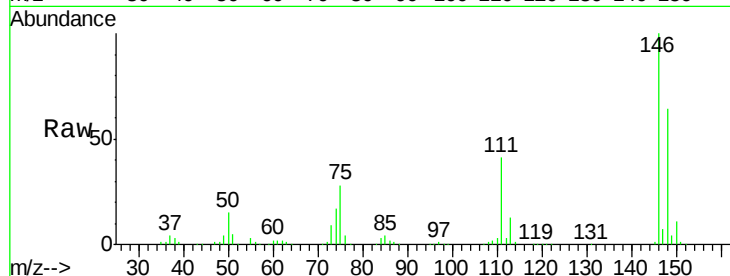




#13
 1,4-Dichlorobenzene
 Concen: 40.25 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

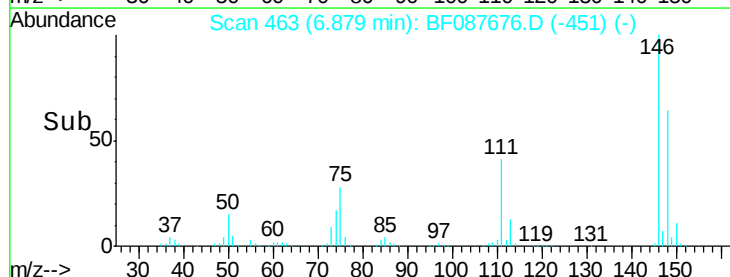
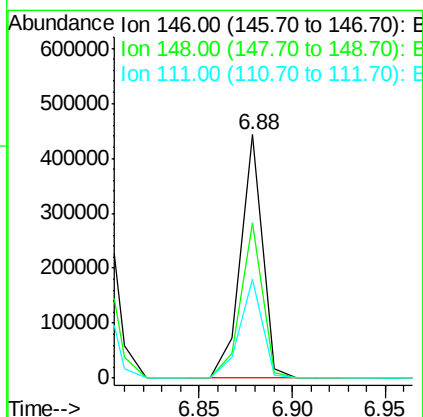
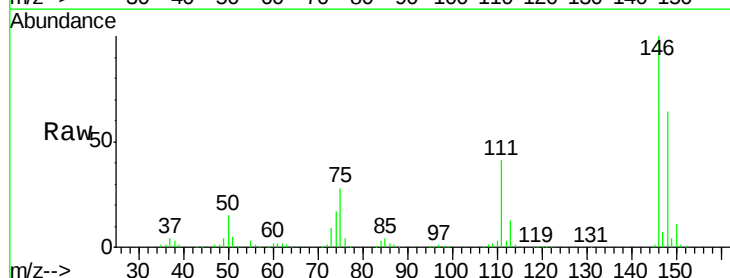
Instrument :
 BNA_F
 ClientSampleId :
 PB90993BS

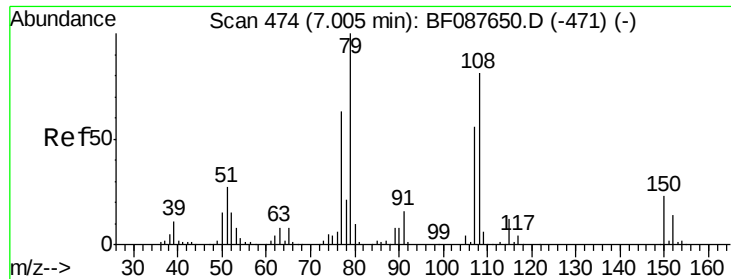
Tgt Ion:146 Resp: 364560
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.0 78.0
 111 40.6 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 42.94 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.16 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

Tgt Ion:146 Resp: 364560
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 40.6 28.7 43.1

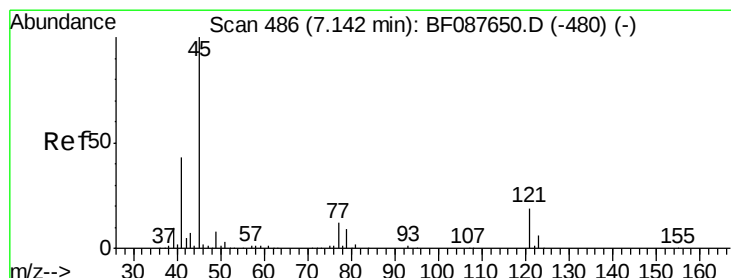
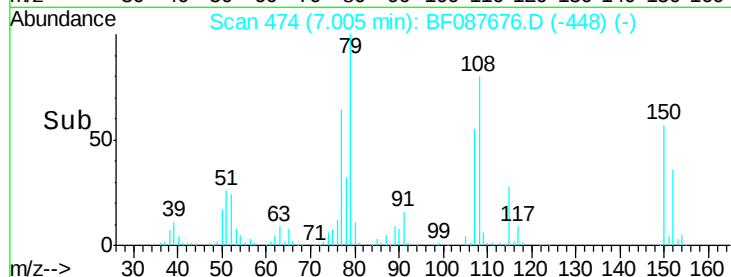
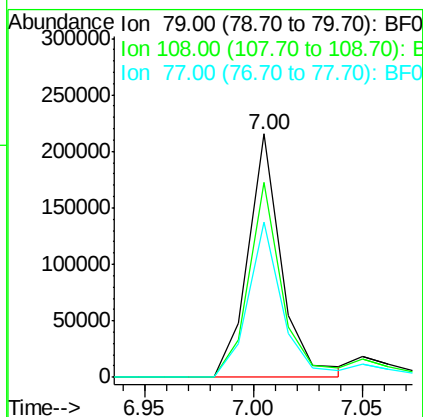
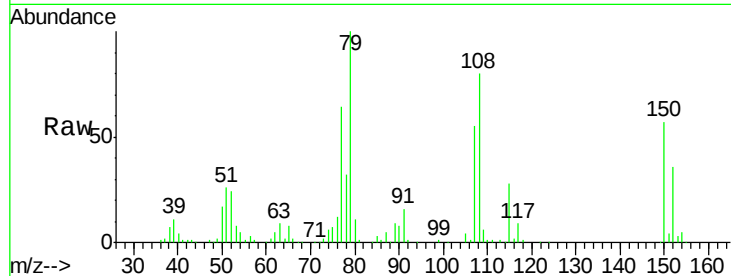




#15
Benzyl Alcohol
Concen: 34.23 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

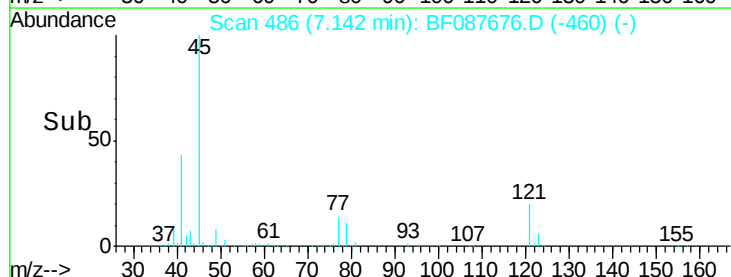
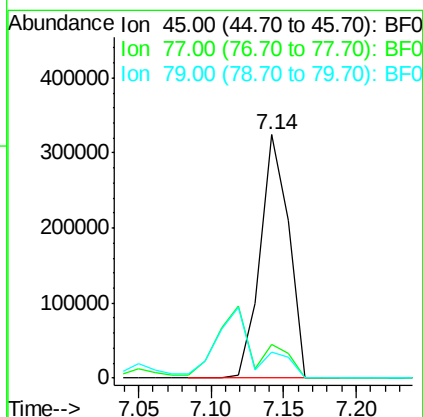
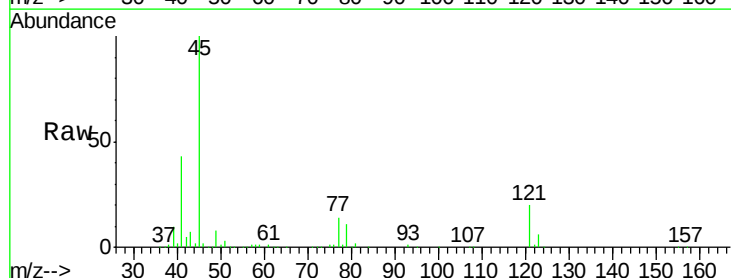
Instrument :
BNA_F
ClientSampleId :
PB90993BS

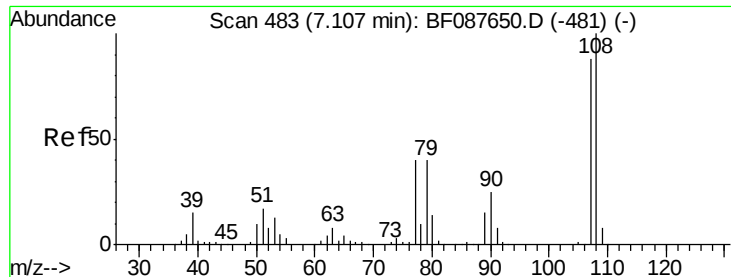
Tgt Ion: 79 Resp: 232361
Ion Ratio Lower Upper
79 100
108 79.9 65.0 97.6
77 63.5 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.55 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion: 45 Resp: 438442
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.5
79 10.6 0.0 29.5

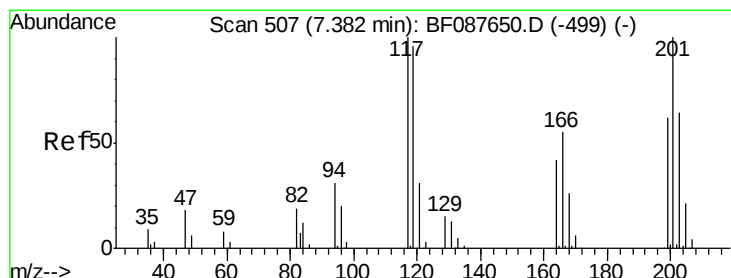
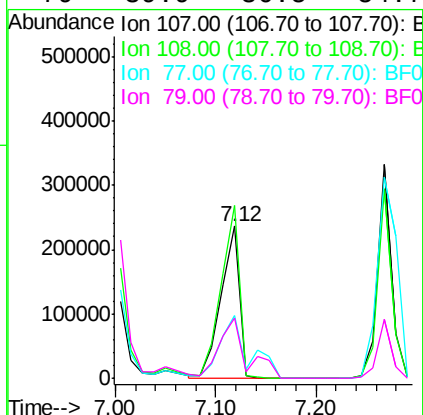
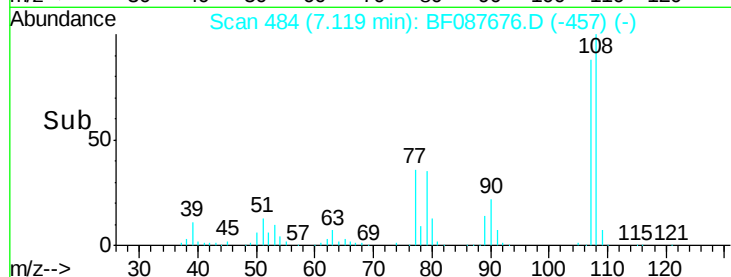
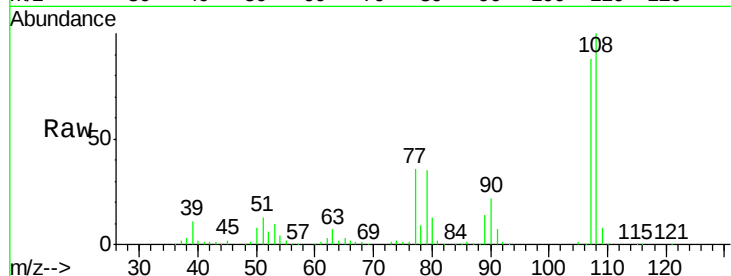




#17
2-Methylphenol
Concen: 44.59 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

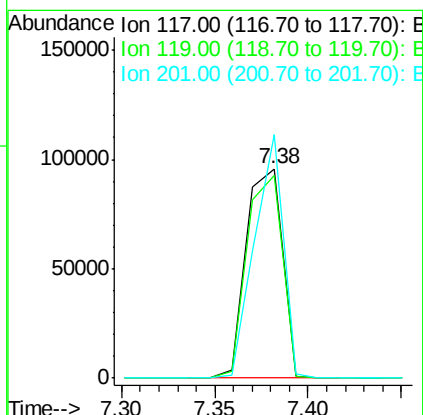
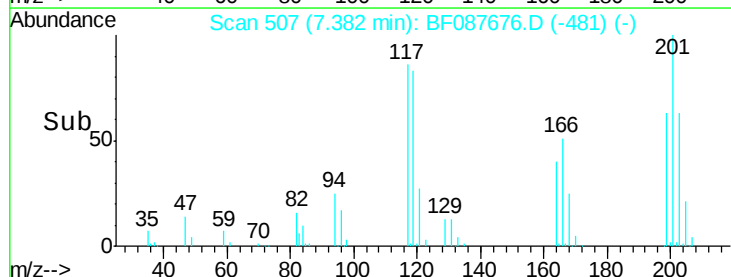
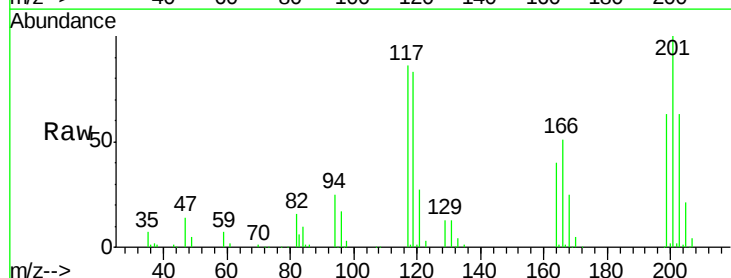
Instrument :
BNA_F
ClientSampleId :
PB90993BS

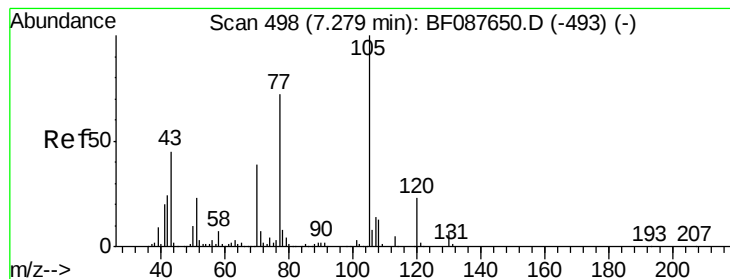
Tgt Ion:107 Resp: 301856
Ion Ratio Lower Upper
107 100
108 113.9 90.9 136.3
77 40.9 36.6 55.0
79 39.9 36.5 54.7



#18
Hexachloroethane
Concen: 40.60 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion:117 Resp: 128575
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.2
201 116.3 80.4 120.6





#19

n-Nitroso-di-n-propylamine

Concen: 37.21 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

PB90993BS

Tgt Ion: 70 Resp: 213491

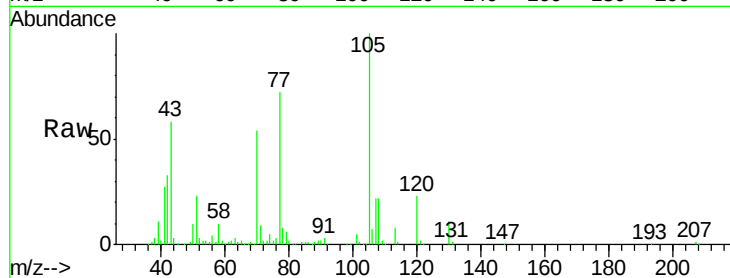
Ion Ratio Lower Upper

70 100

42 61.3 49.6 74.4

101 9.2 7.1 10.7

130 19.9 15.4 23.2

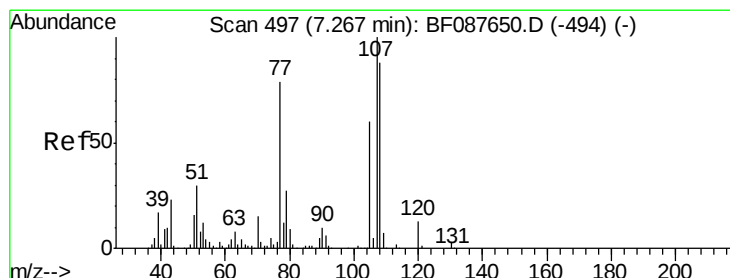
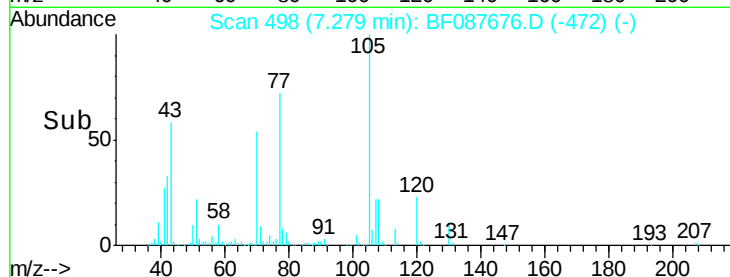
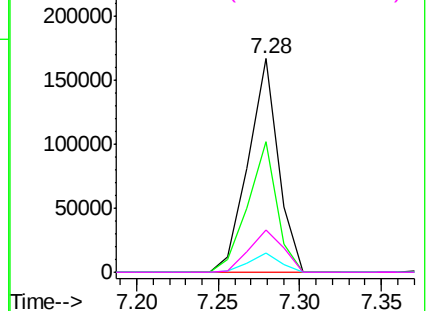


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 39.11 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Tgt Ion: 107 Resp: 324321

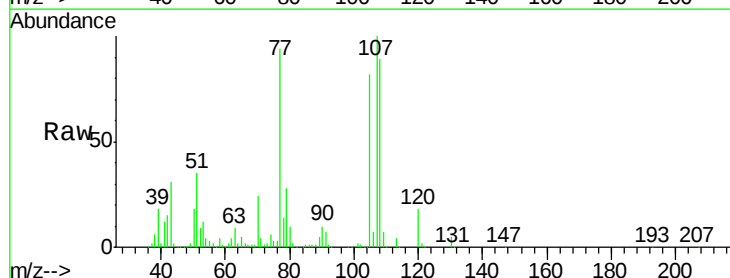
Ion Ratio Lower Upper

107 100

108 88.7 67.8 107.8

77 94.2 59.3 99.3

79 27.6 7.0 47.0

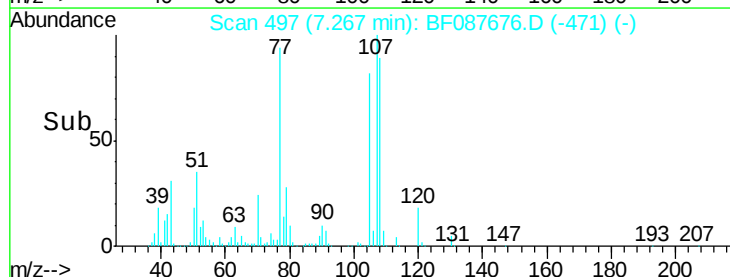
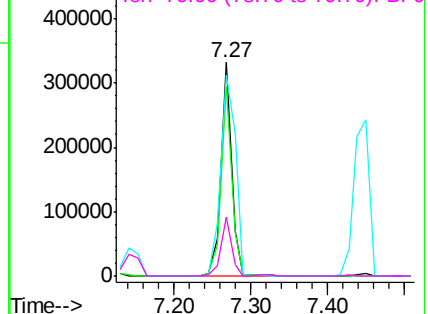


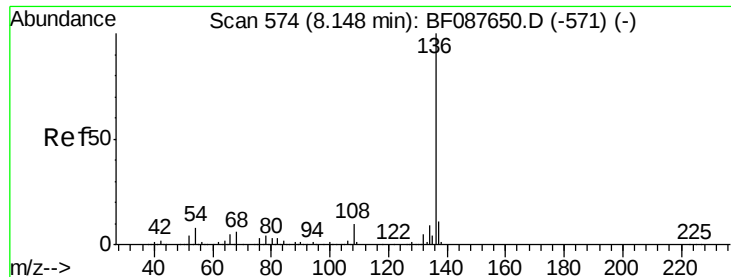
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

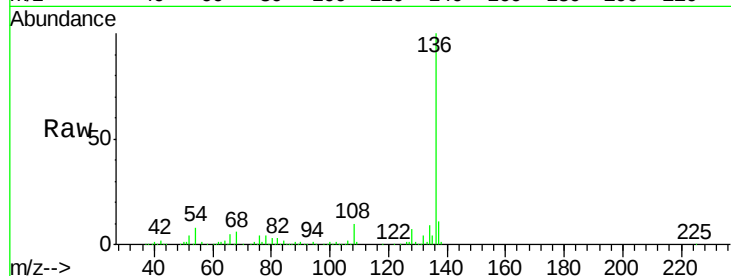




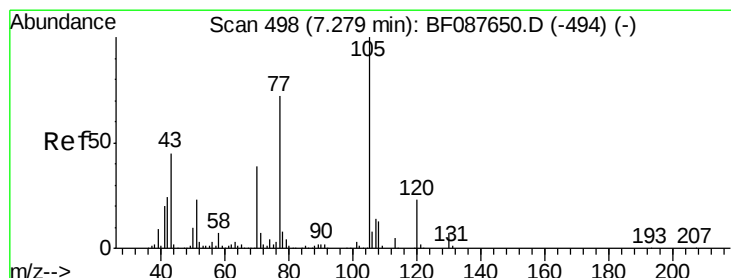
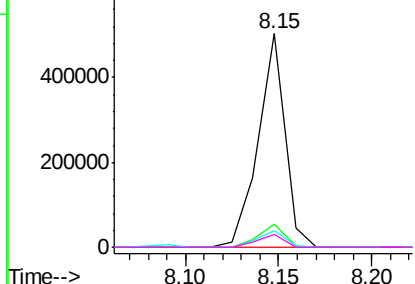
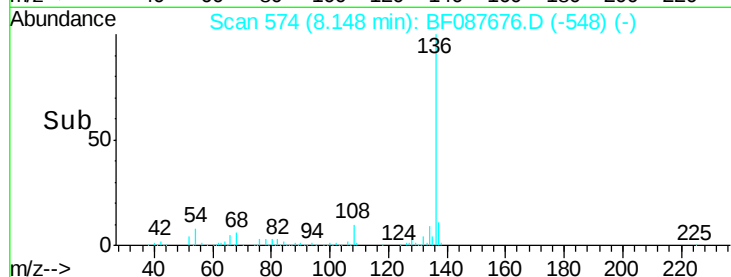
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
PB90993BS

Tgt Ion:	136	Resp:	496095
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.7	6.6	10.0
68	6.0	5.1	7.7

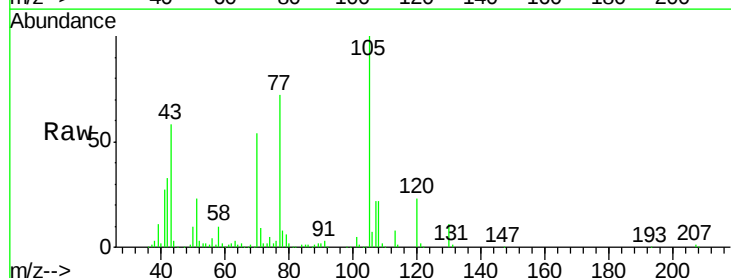


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

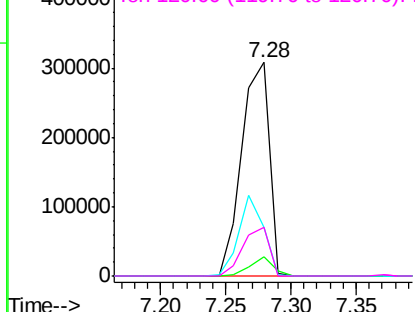
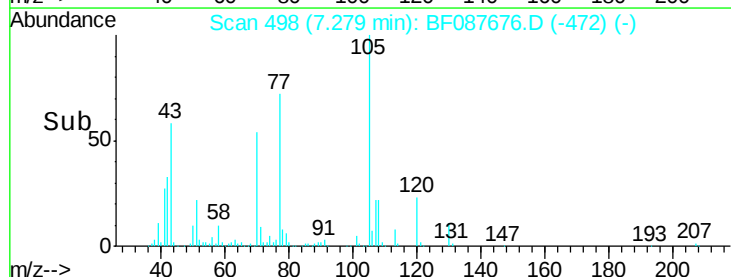


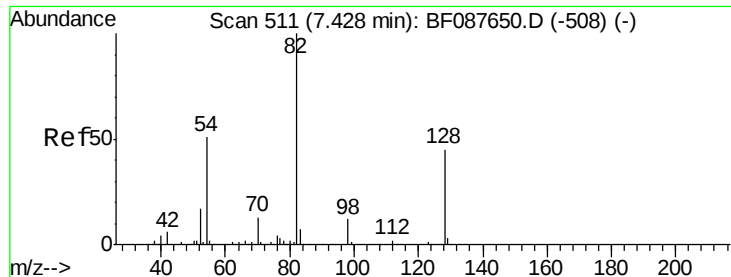
#22
Acetophenone
Concen: 40.18 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion:	105	Resp:	451516
Ion	Ratio	Lower	Upper
105	100		
71	9.1	5.3	7.9#
51	22.6	18.2	27.4
120	22.8	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

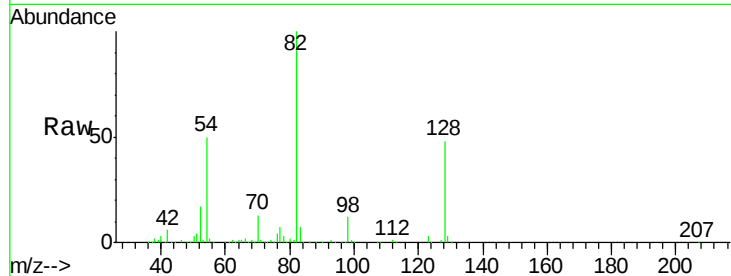




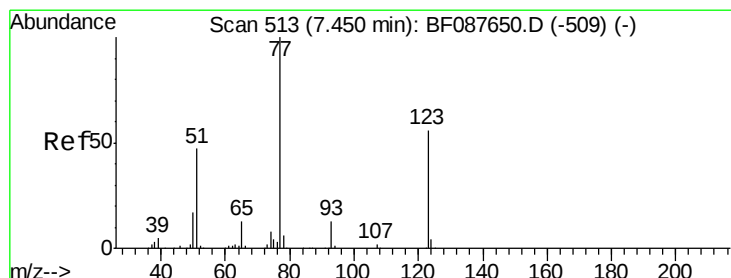
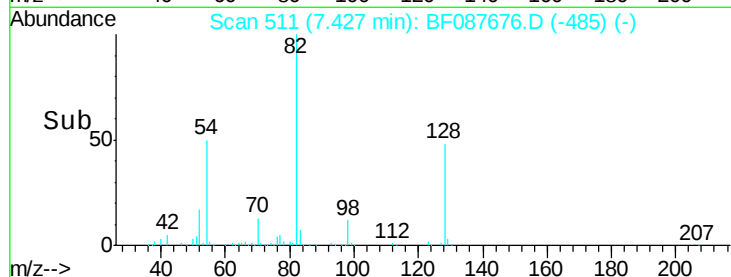
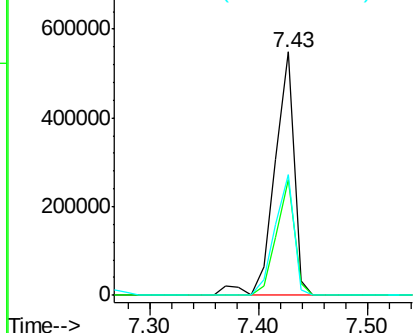
#23
Nitrobenzene-d5
Concen: 79.31 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
PB90993BS

Tgt Ion: 82 Resp: 680049
Ion Ratio Lower Upper
82 100
128 47.7 35.9 53.9
54 49.7 40.9 61.3

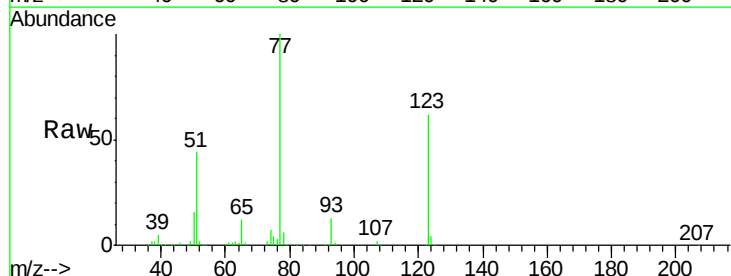


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

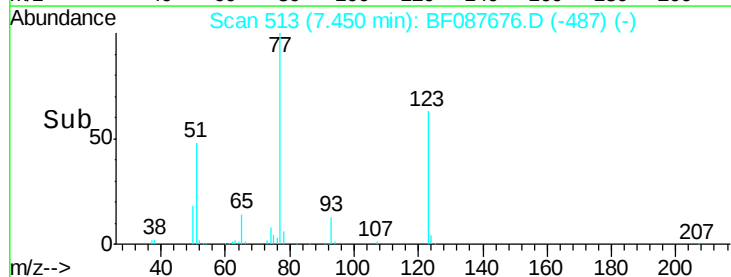
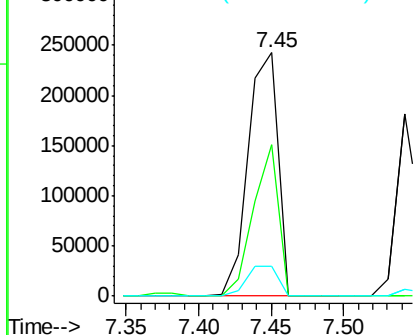


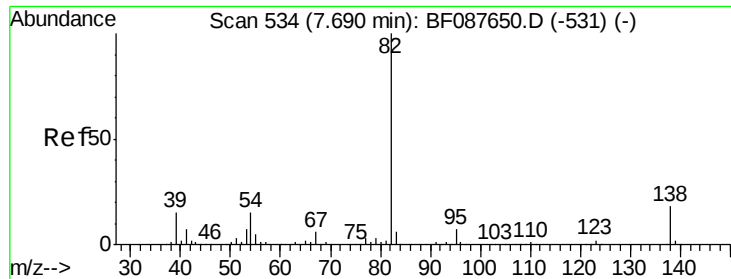
#24
Nitrobenzene
Concen: 40.36 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion: 77 Resp: 346375
Ion Ratio Lower Upper
77 100
123 62.1 45.0 67.4
65 12.5 10.2 15.2



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

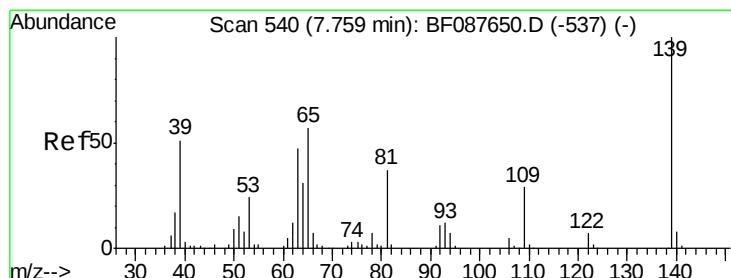
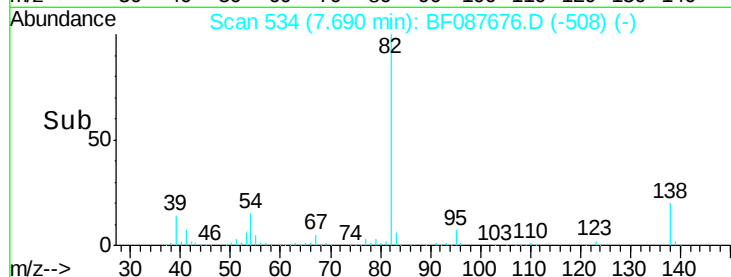
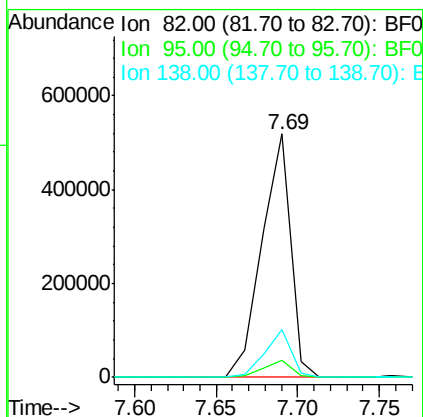
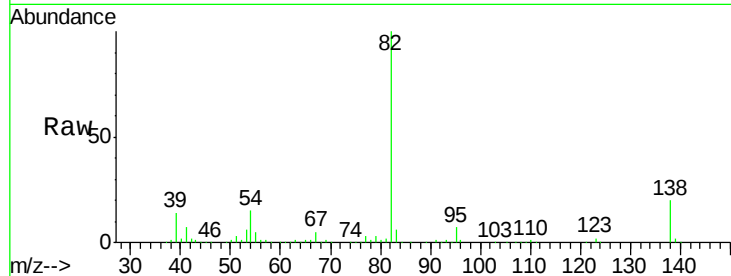




#25
Isophorone
Concen: 40.85 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

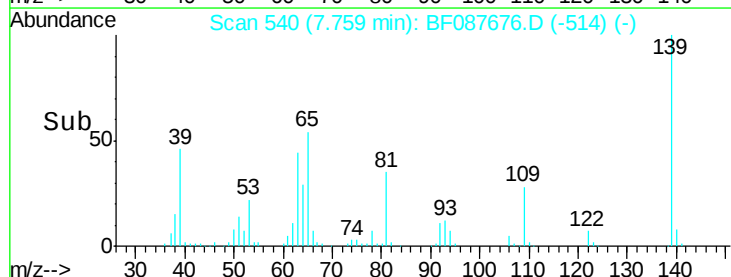
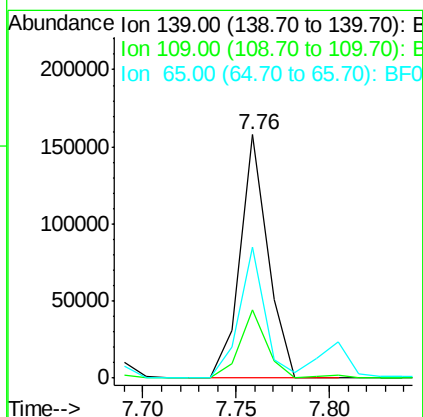
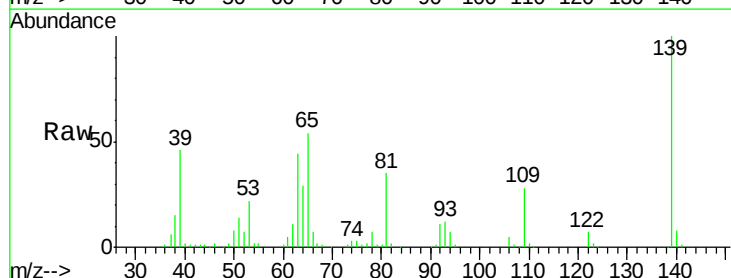
Instrument :
BNA_F
ClientSampleId :
PB90993BS

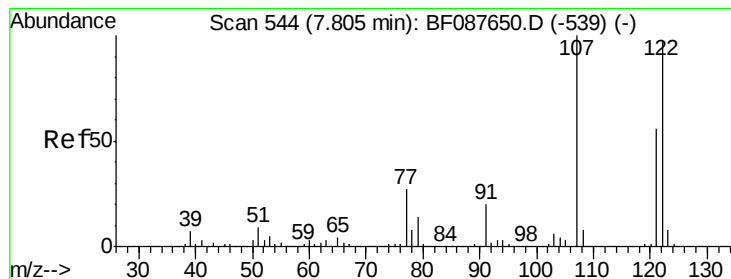
Tgt Ion: 82 Resp: 637681
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 19.7 14.6 21.8



#26
2-Nitrophenol
Concen: 41.31 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion: 139 Resp: 164720
Ion Ratio Lower Upper
139 100
109 28.0 23.0 34.4
65 53.9 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 43.84 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

PB90993BS

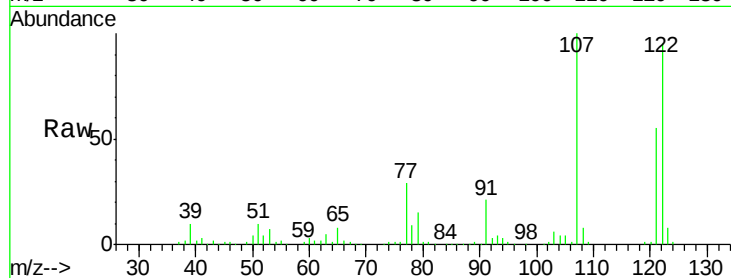
Tgt Ion:122 Resp: 362271

Ion Ratio Lower Upper

122 100

107 105.8 82.4 123.6

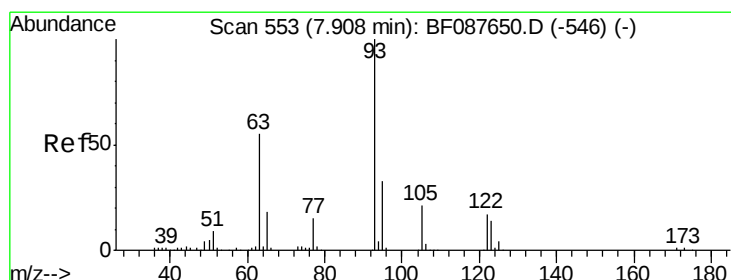
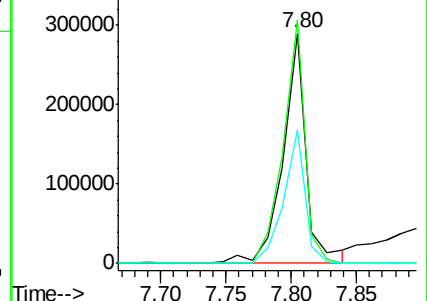
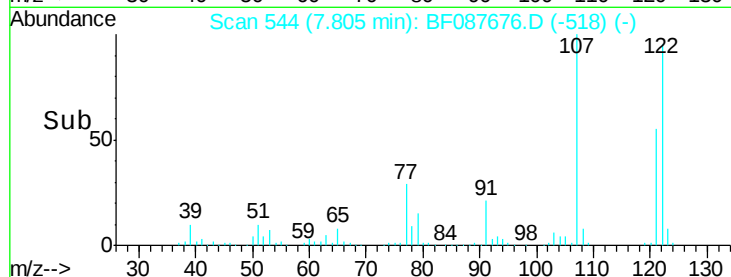
121 58.2 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.37 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

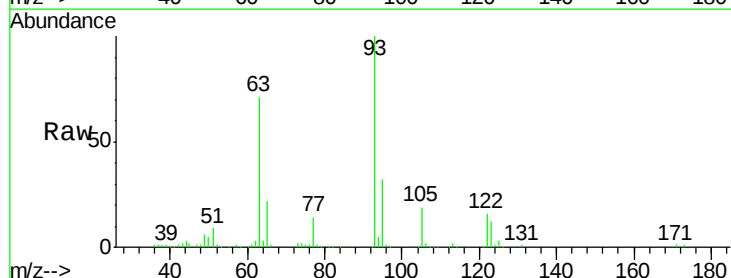
Tgt Ion: 93 Resp: 379987

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

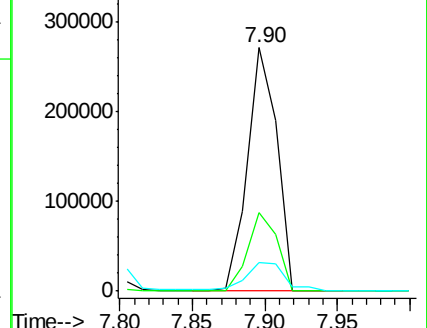
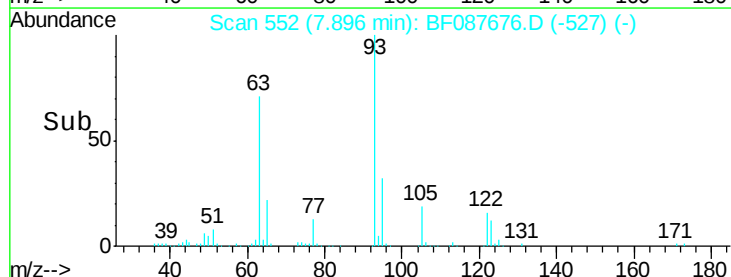
123 11.6 11.6 17.4#

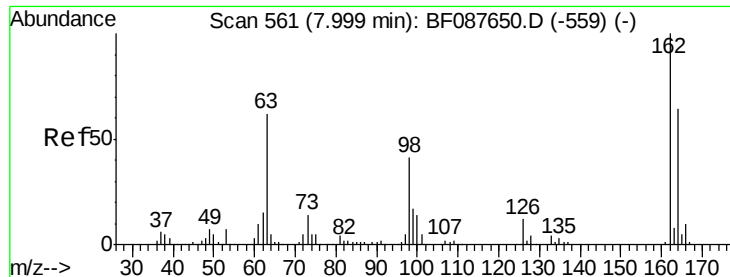


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

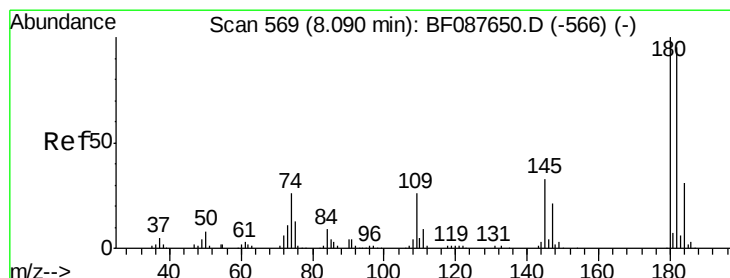
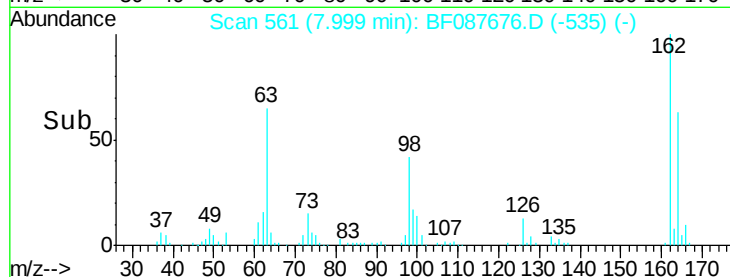
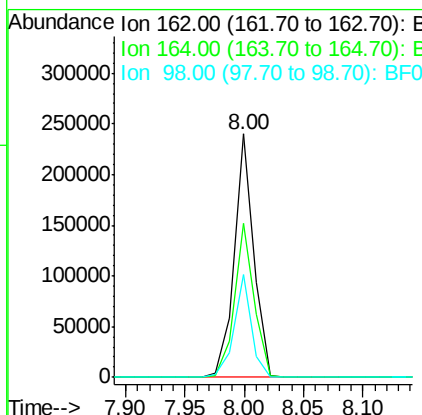
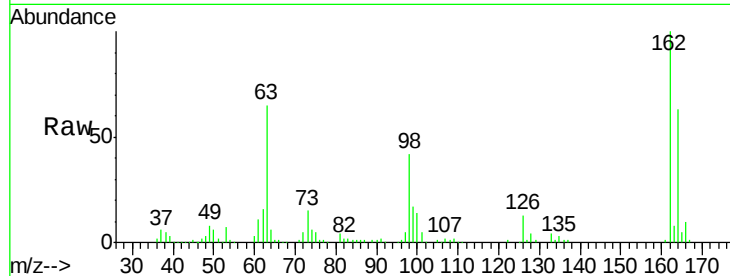




#29
2,4-Dichlorophenol
Concen: 40.33 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

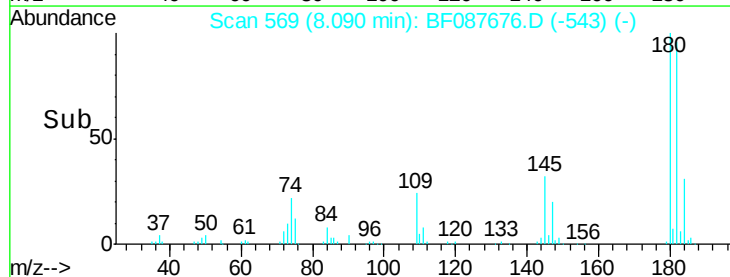
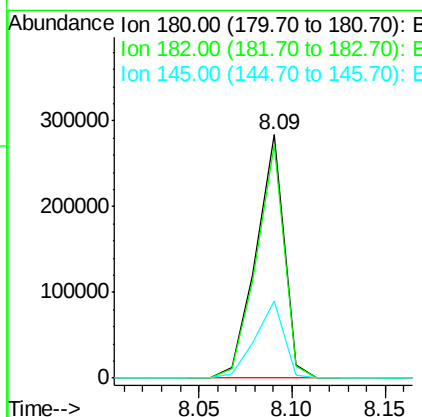
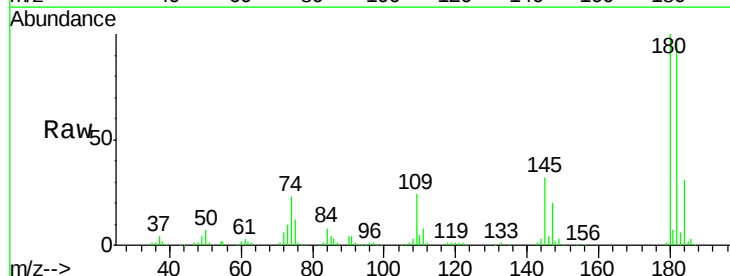
Instrument :
BNA_F
ClientSampleId :
PB90993BS

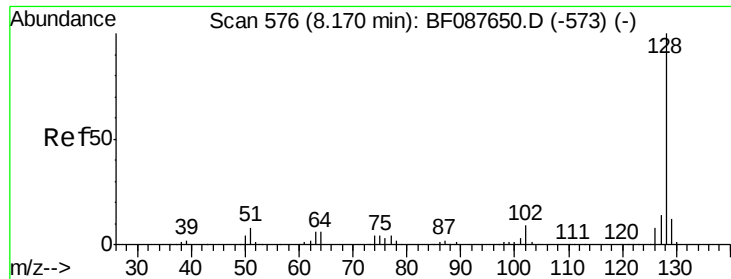
Tgt Ion:162 Resp: 273691
Ion Ratio Lower Upper
162 100
164 63.1 43.8 83.8
98 42.0 21.3 61.3



#30
1,2,4-Trichlorobenzene
Concen: 41.51 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion:180 Resp: 295017
Ion Ratio Lower Upper
180 100
182 95.9 76.0 114.0
145 31.6 26.5 39.7

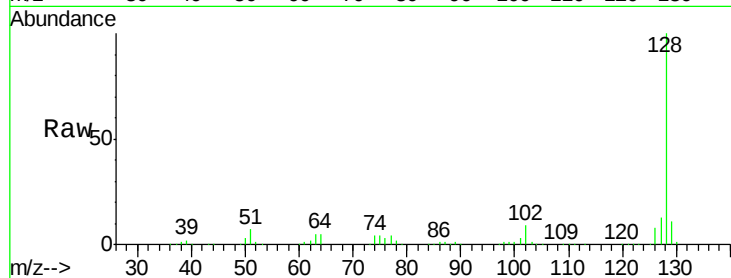




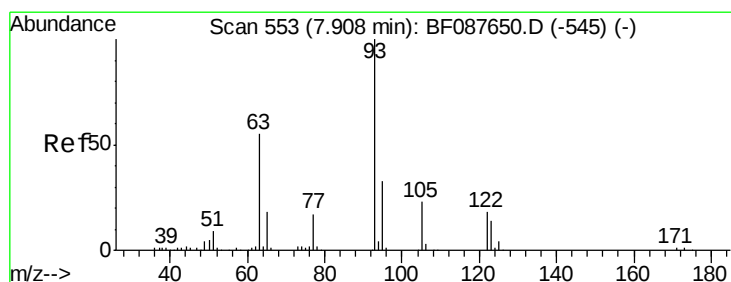
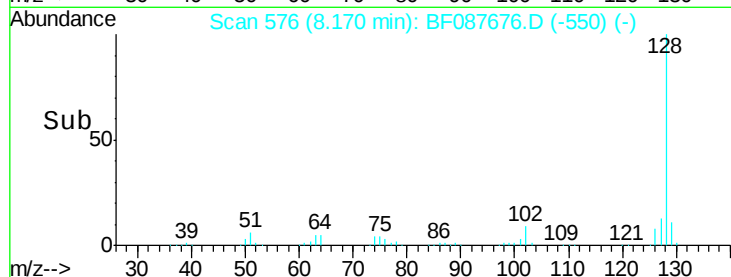
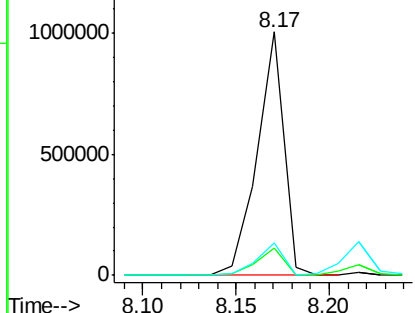
#31
Naphthalene
Concen: 41.28 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
PB90993BS

Tgt Ion:128 Resp: 995679
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.5 10.9 16.3

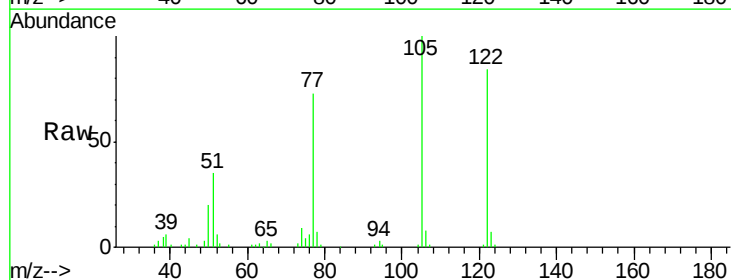


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

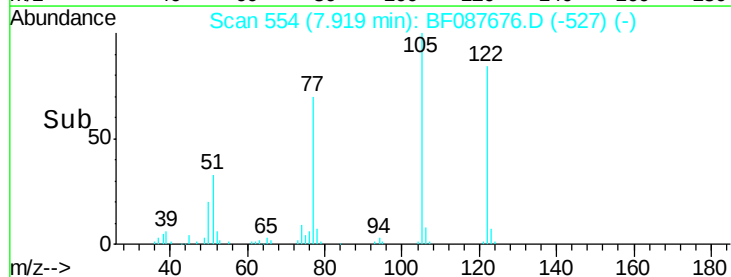
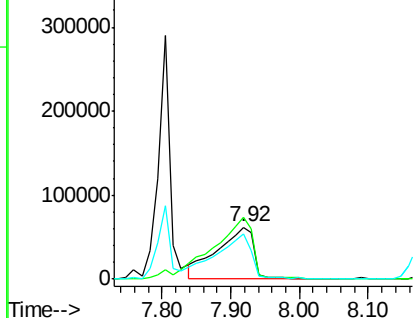


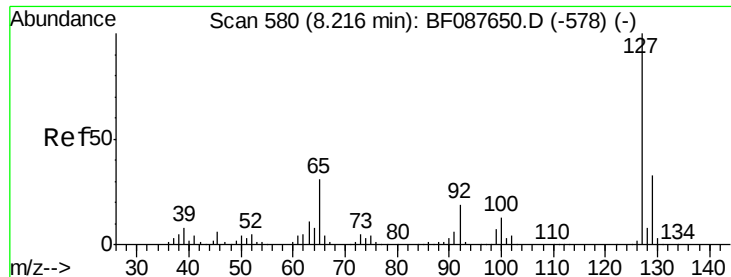
#32
Benzoic acid
Concen: 46.48 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion:122 Resp: 231712
Ion Ratio Lower Upper
122 100
105 119.2 101.6 141.6
77 87.6 70.6 110.6



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

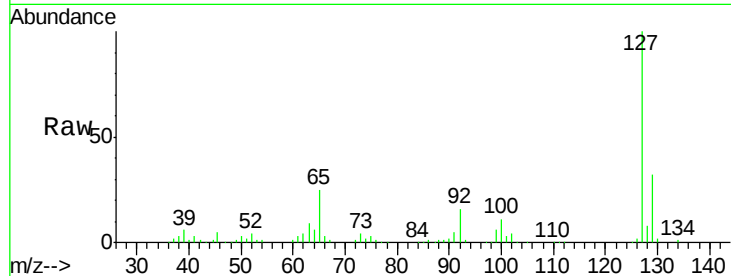




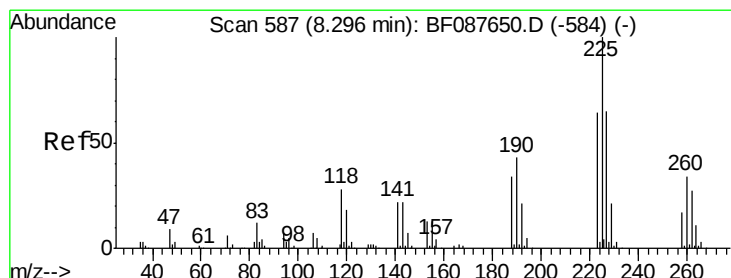
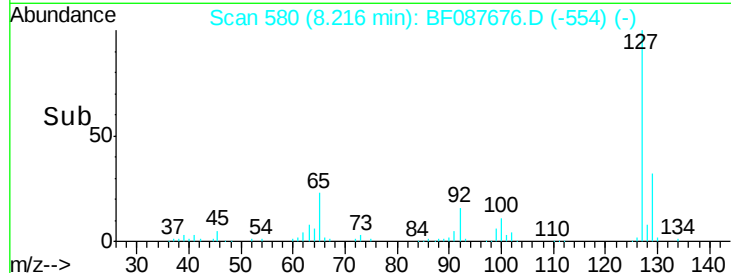
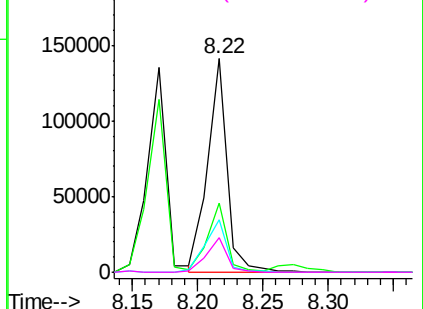
#33
4-Chloroaniline
Concen: 14.07 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
PB90993BS

Tgt Ion:	127	Resp:	147420
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	24.8	24.7	37.1
92	16.3	15.4	23.0

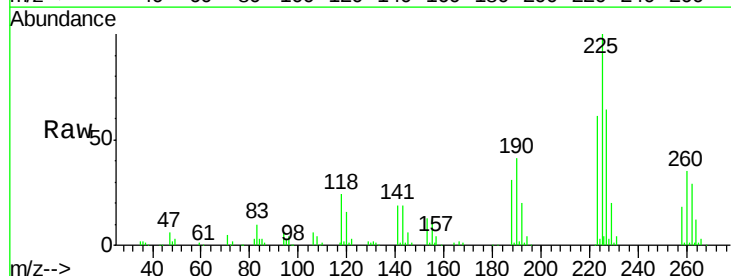


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

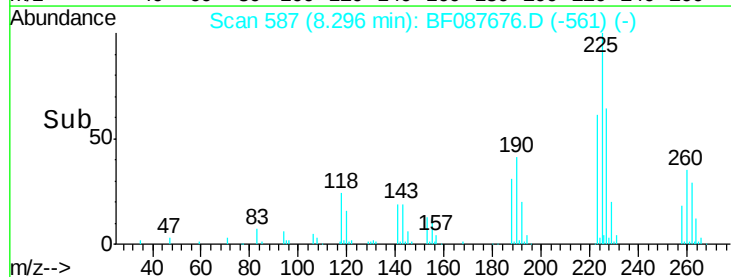
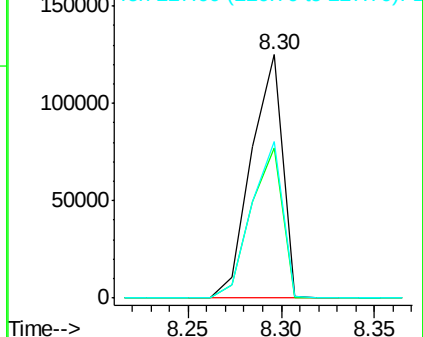


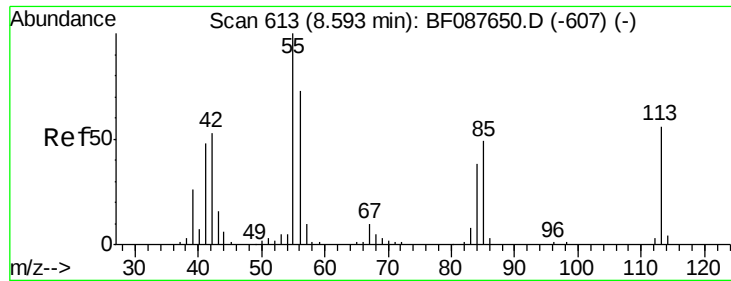
#34
Hexachlorobutadiene
Concen: 39.82 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion:	225	Resp:	147129
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.9	76.3
227	64.5	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

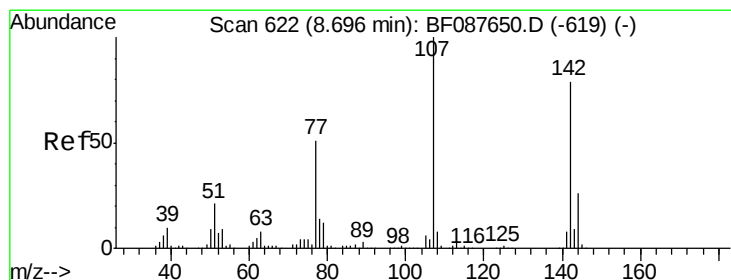
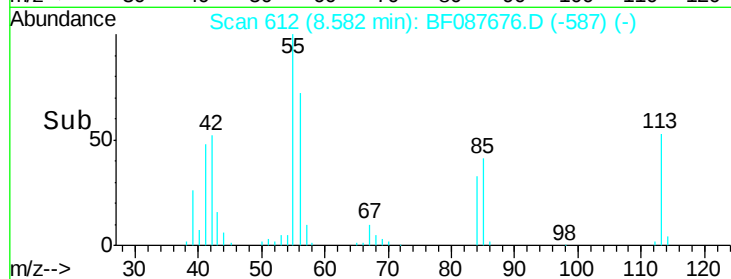
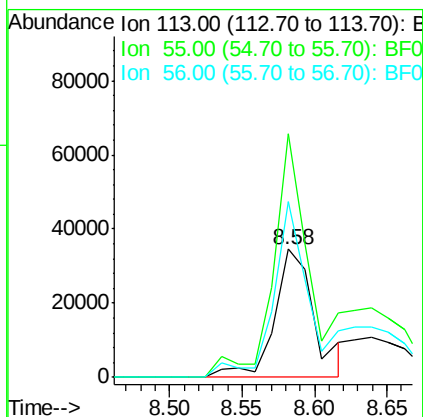
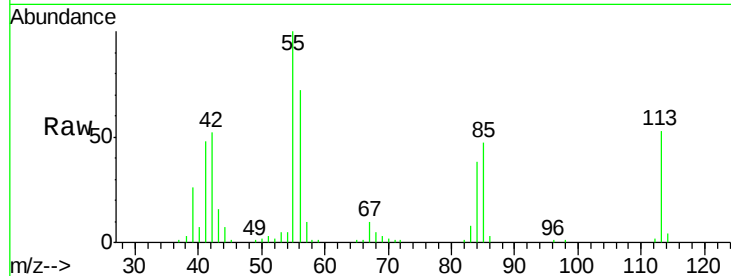




#35
 Caprolactam
 Concen: 29.65 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

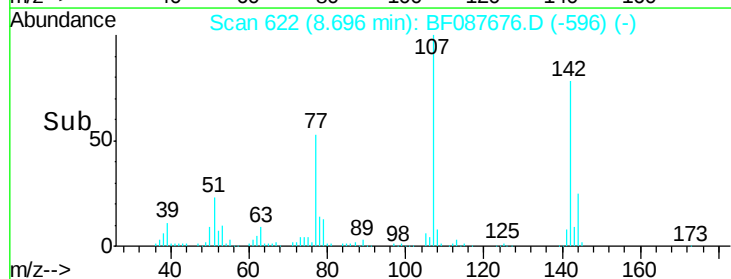
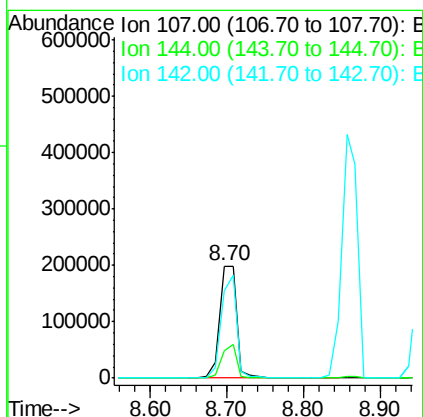
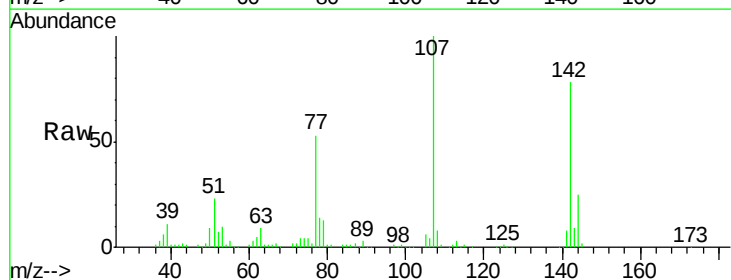
Instrument :
 BNA_F
 ClientSampleID :
 PB90993BS

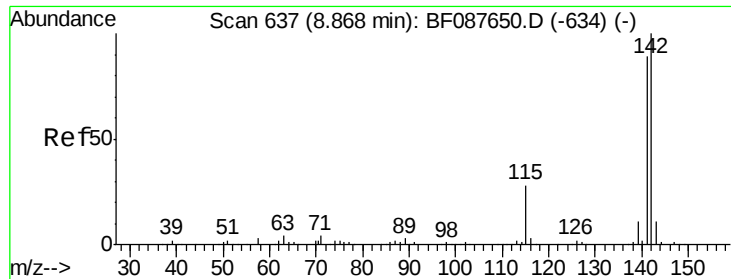
Tgt Ion:113 Resp: 66110
 Ion Ratio Lower Upper
 113 100
 55 190.1 158.6 198.6
 56 137.7 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.99 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

Tgt Ion:107 Resp: 308831
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.8 31.2
 142 78.0 63.4 95.2

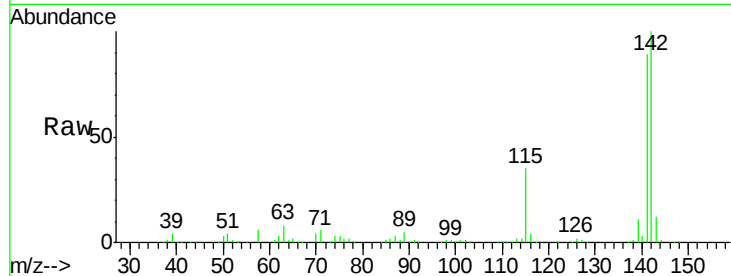




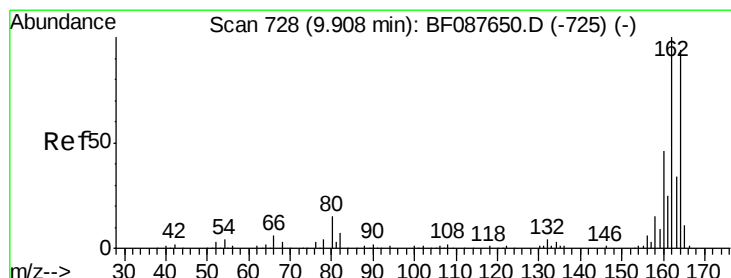
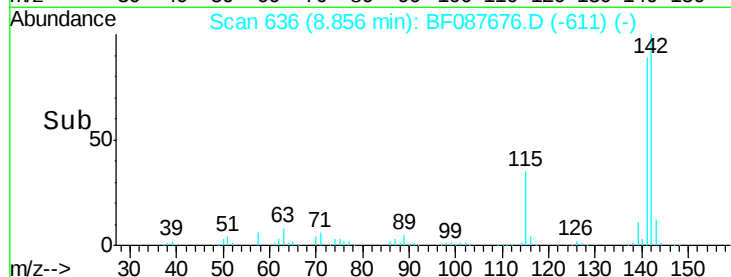
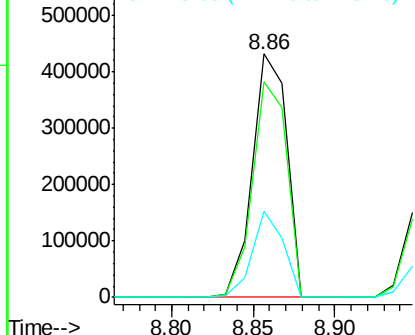
#37
2-Methylnaphthalene
Concen: 39.57 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
PB90993BS

Tgt Ion:142 Resp: 630268
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6
115 35.4 22.6 33.8#

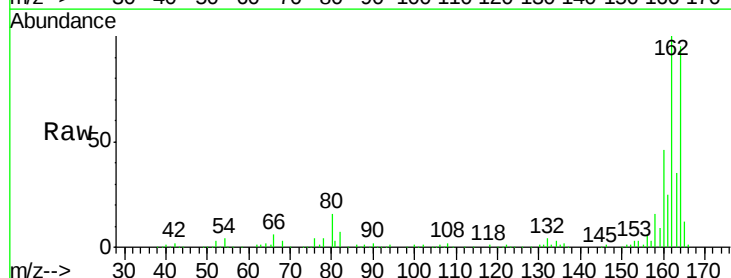


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

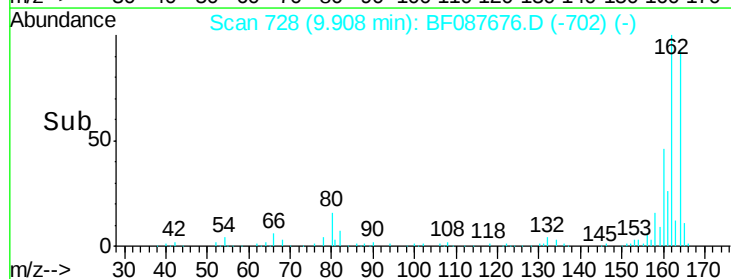
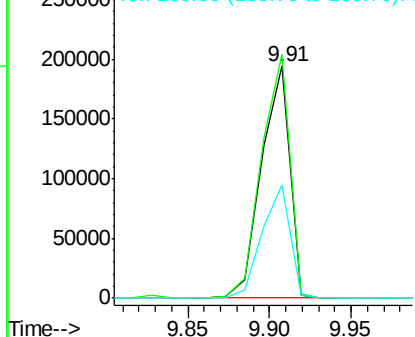


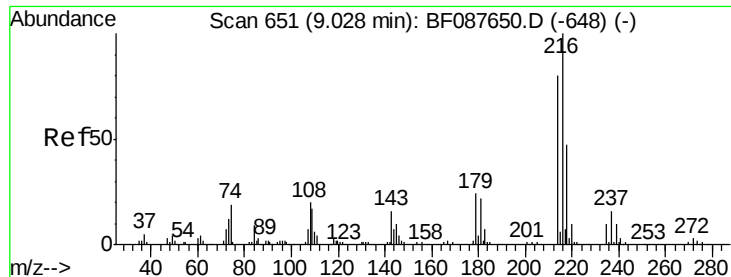
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion:164 Resp: 233357
Ion Ratio Lower Upper
164 100
162 105.1 85.4 128.2
160 48.6 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: 39.16 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

PB90993BS

Tgt Ion:216 Resp: 251872

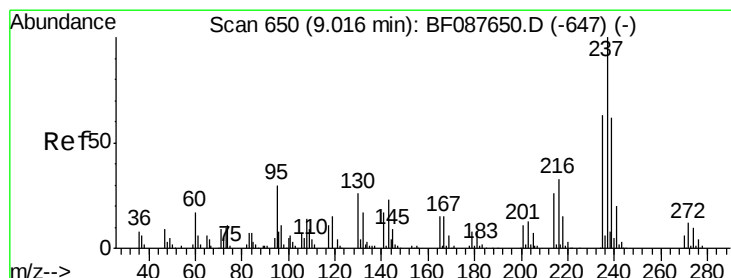
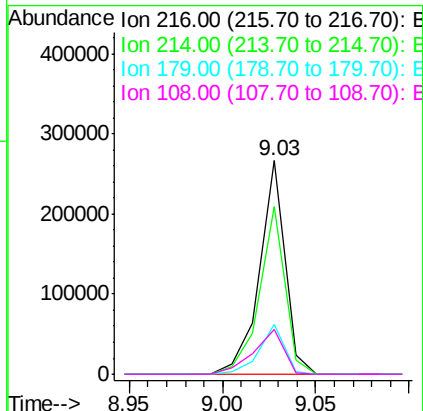
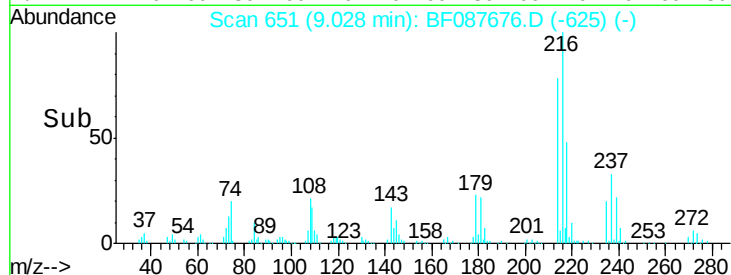
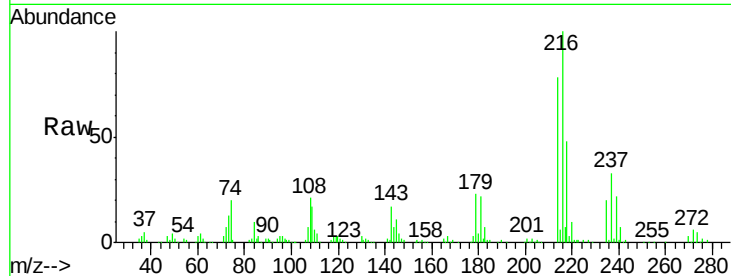
Ion Ratio Lower Upper

216 100

214 78.5 2.9 4.3#

179 23.0 0.0 0.0#

108 24.8 0.5 0.7#



#40

Hexachlorocyclopentadiene

Concen: 76.15 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

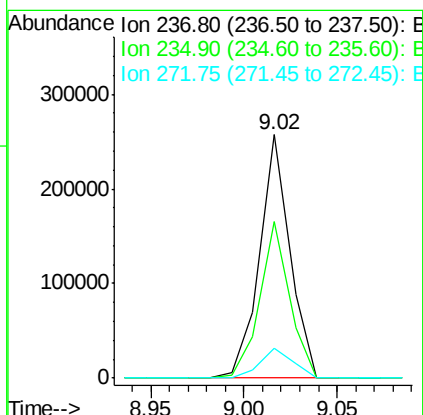
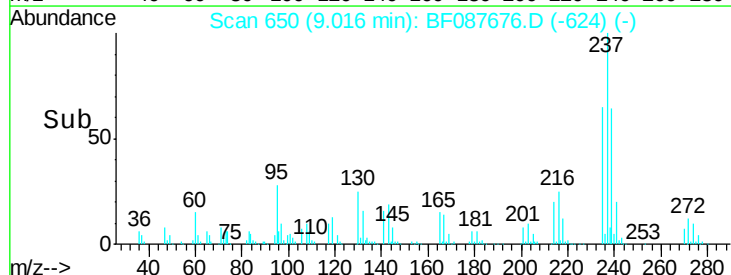
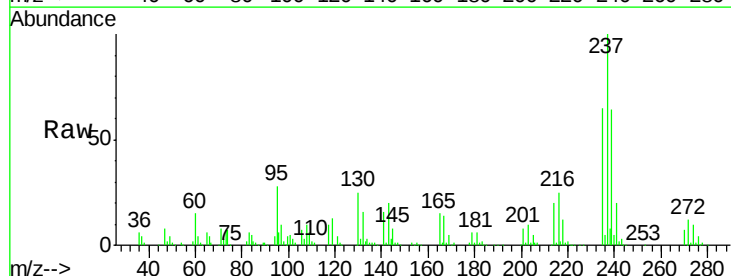
Tgt Ion:237 Resp: 288064

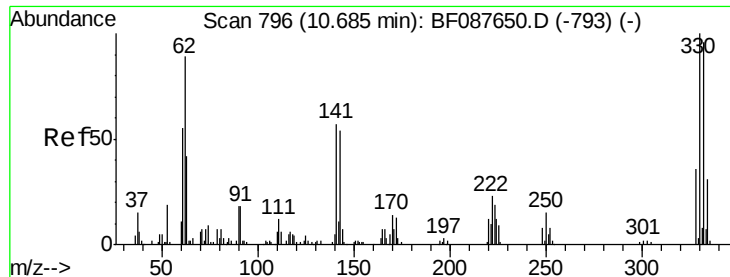
Ion Ratio Lower Upper

237 100

235 64.6 43.4 83.4

272 12.4 0.0 32.3

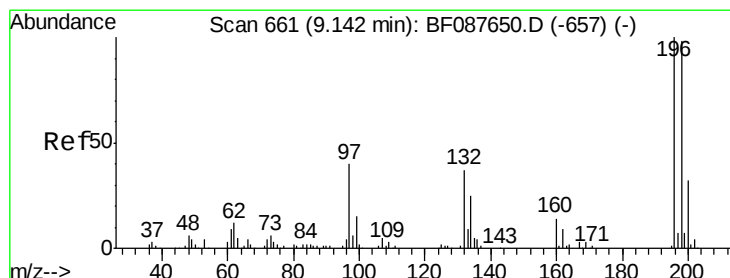
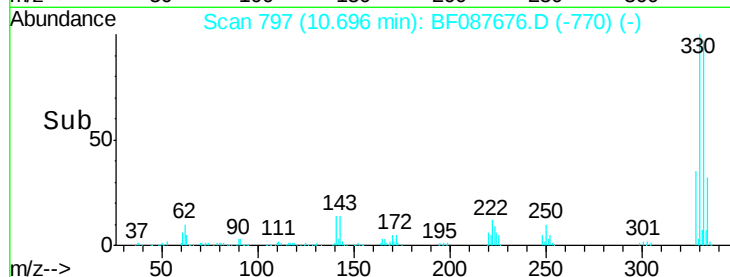
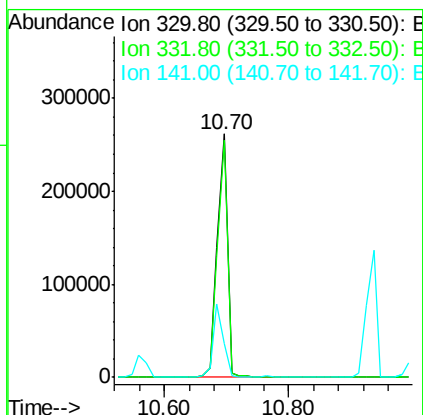
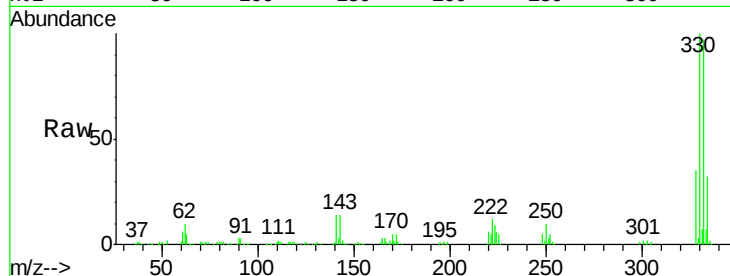




#41
 2,4,6-Tribromophenol
 Concen: 125.90 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

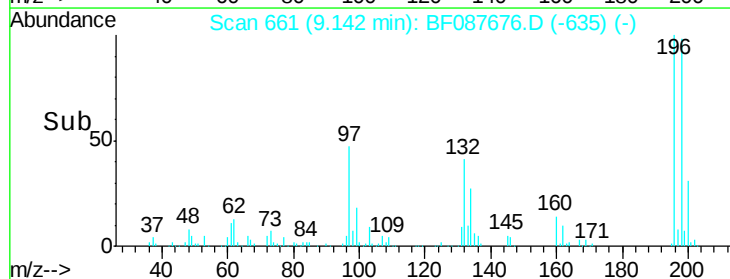
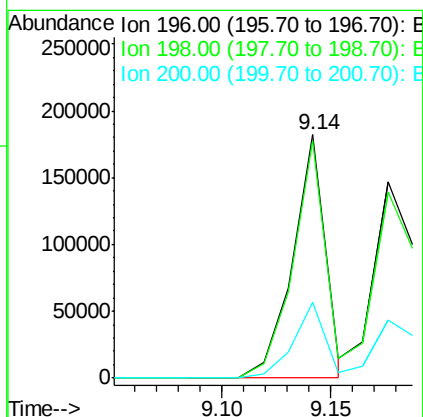
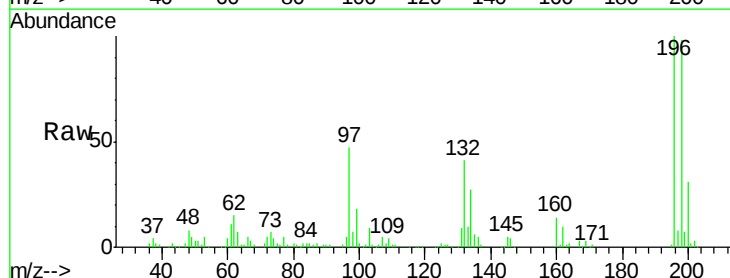
Instrument :
 BNA_F
 ClientSampleId :
 PB90993BS

Tgt Ion:330 Resp: 294902
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 30.3 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 39.06 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

Tgt Ion:196 Resp: 189718
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.0 117.0
 200 31.1 25.4 38.2

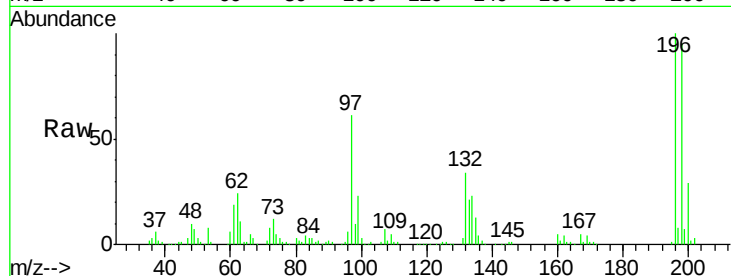




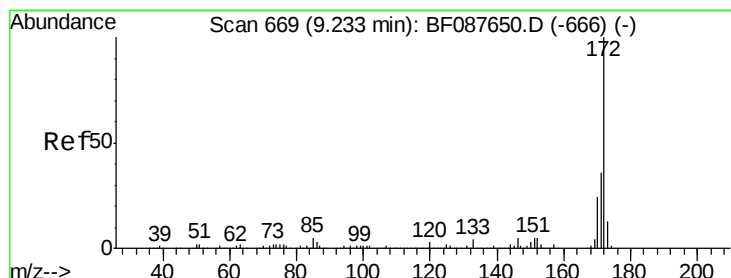
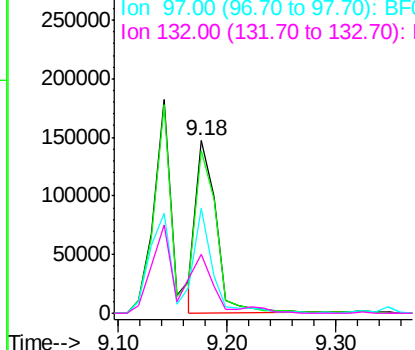
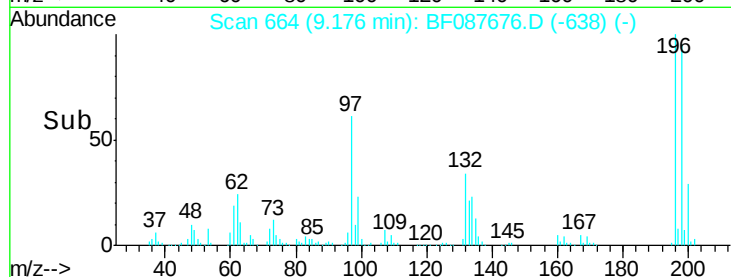
#43
2,4,5-Trichlorophenol
Concen: 41.62 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
PB90993BS

Tgt Ion:196 Resp: 188121
Ion Ratio Lower Upper
196 100
198 94.5 77.5 116.3
97 60.6 32.0 48.0#
132 34.2 20.9 31.3#

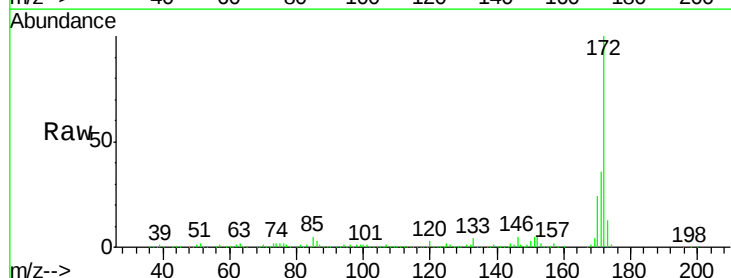


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

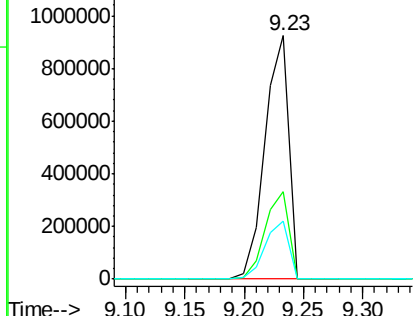
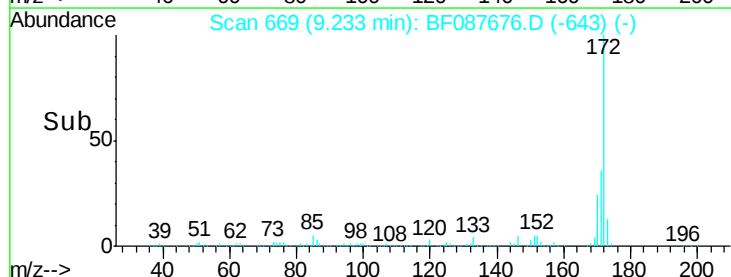


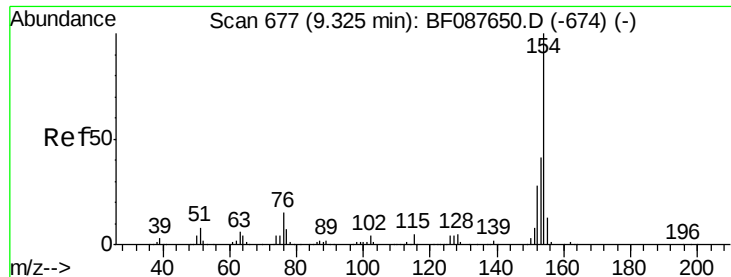
#44
2-Fluorobiphenyl
Concen: 84.86 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion:172 Resp: 1290913
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.1 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.46 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

PB90993BS

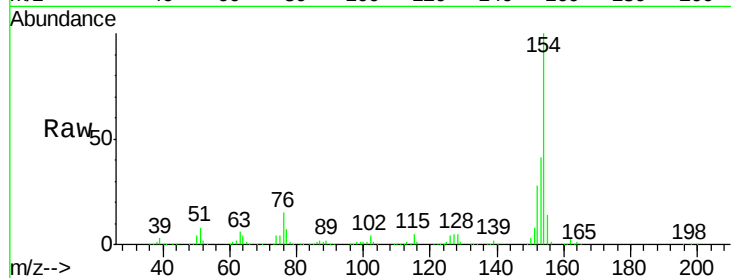
Tgt Ion:154 Resp: 709417

Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

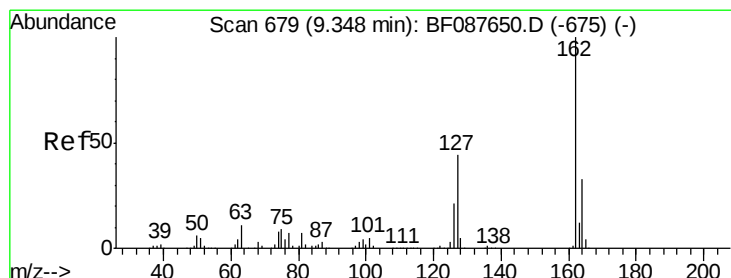
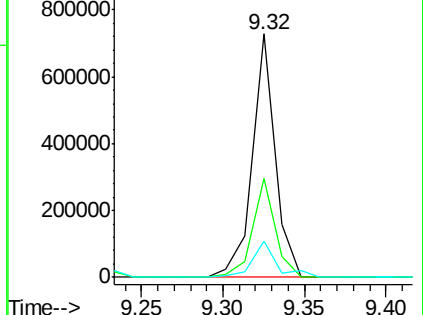
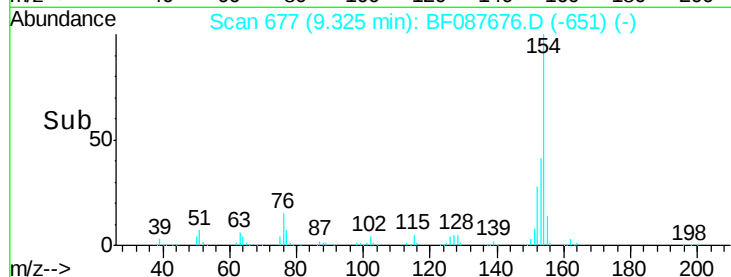
76 15.1 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.85 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

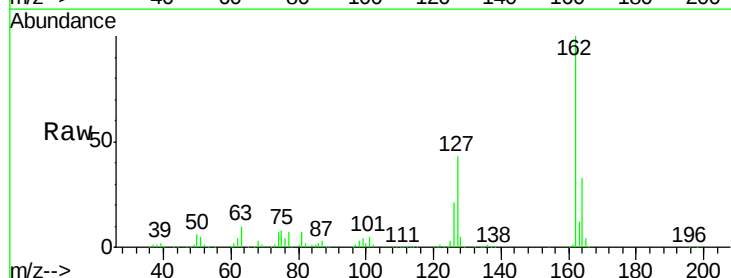
Tgt Ion:162 Resp: 570600

Ion Ratio Lower Upper

162 100

127 43.3 35.2 52.8

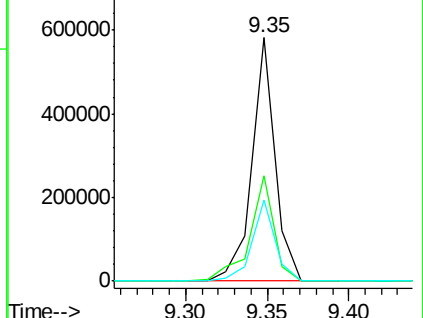
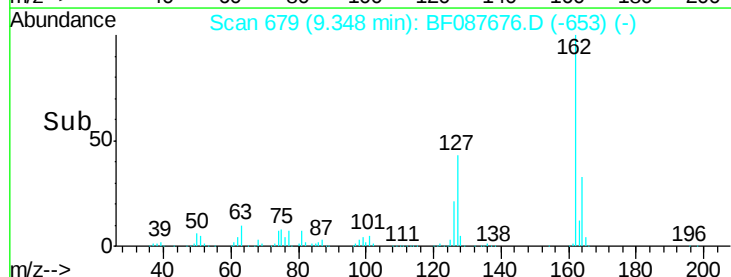
164 33.3 26.6 39.8

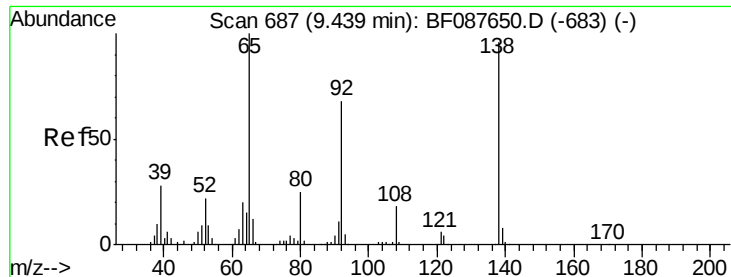


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.84 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

PB90993BS

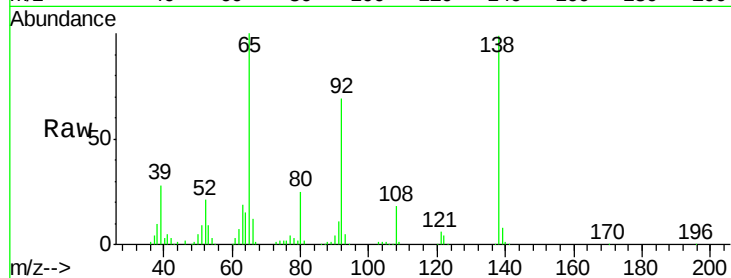
Tgt Ion: 65 Resp: 169135

Ion Ratio Lower Upper

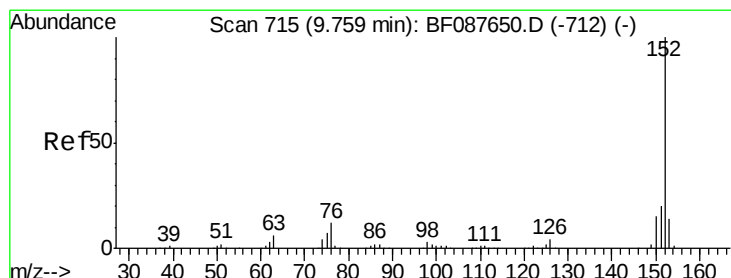
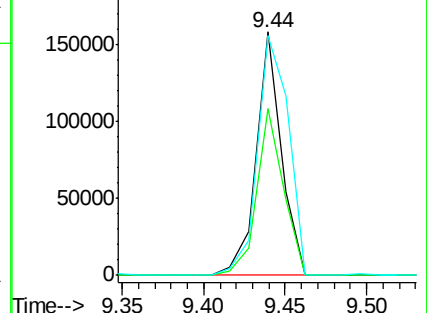
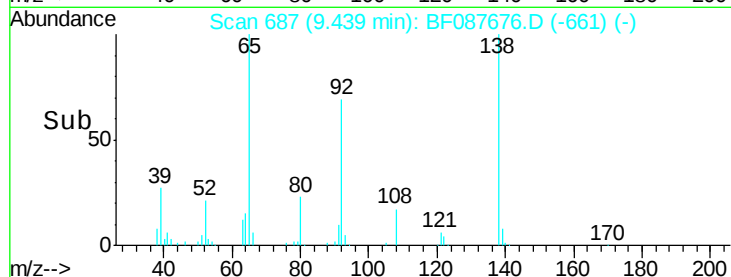
65 100

92 68.7 54.6 82.0

138 98.7 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): BF0



#48

Acenaphthylene

Concen: 41.77 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

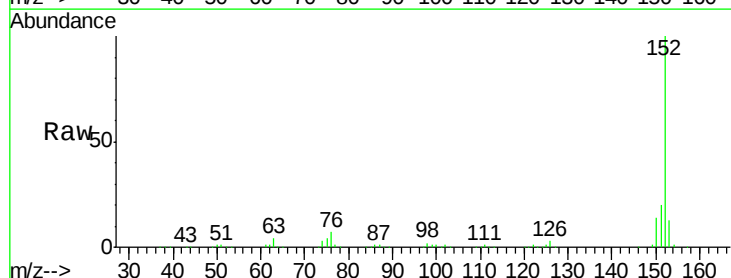
Tgt Ion: 152 Resp: 981925

Ion Ratio Lower Upper

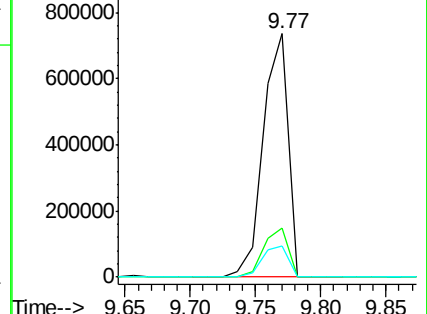
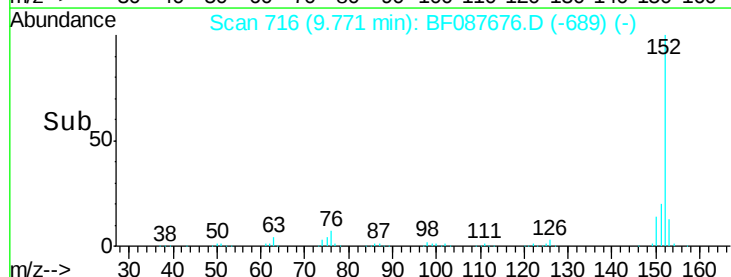
152 100

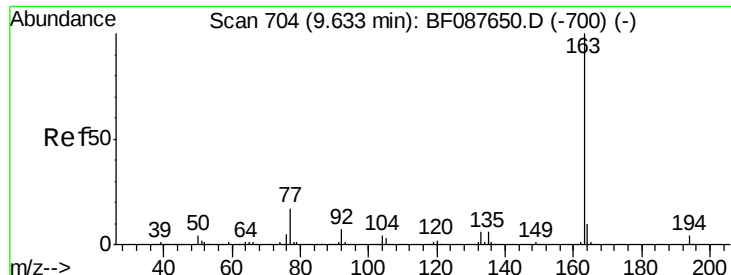
151 20.3 16.2 24.4

153 12.9 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

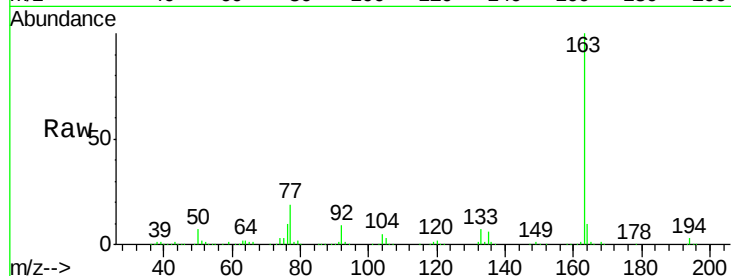




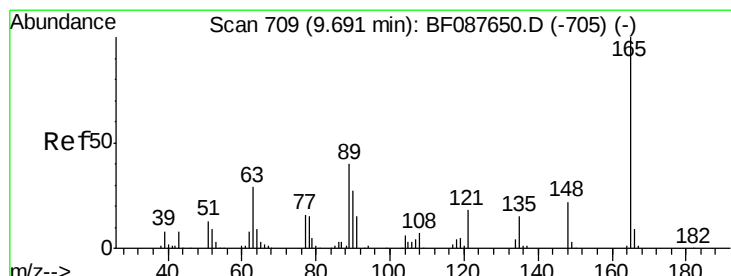
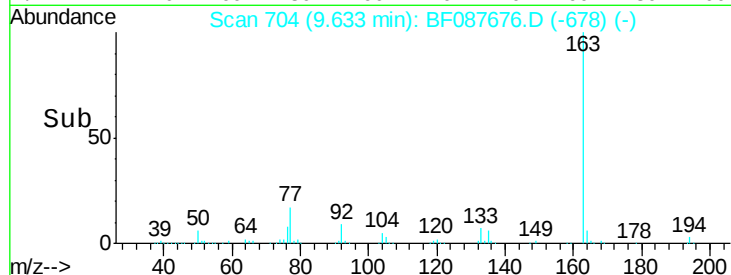
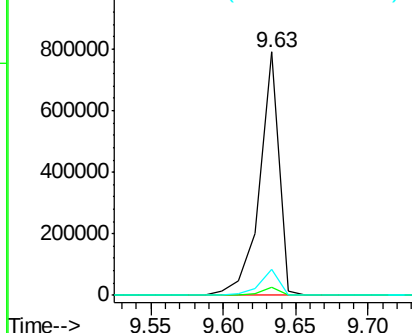
#49
Dimethylphthalate
Concen: 43.25 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Instrument :
BNA_F
ClientSampled :
PB90993BS

Tgt Ion:163 Resp: 733767
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.4 8.3 12.5

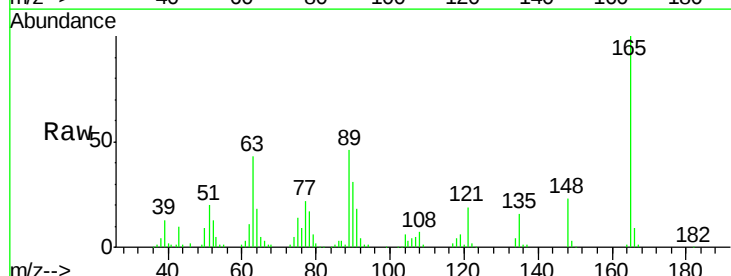


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

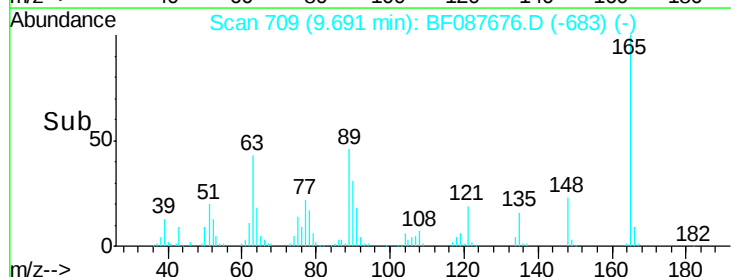
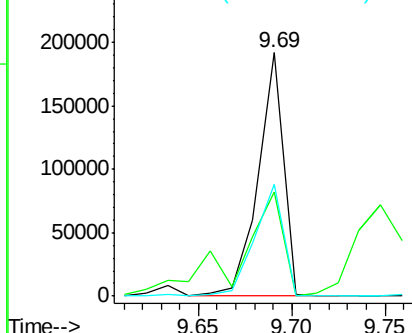


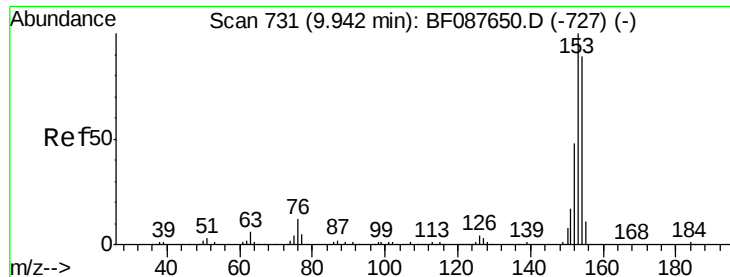
#50
2,6-Dinitrotoluene
Concen: 46.53 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion:165 Resp: 179610
Ion Ratio Lower Upper
165 100
63 42.6 28.1 42.1#
89 45.8 32.2 48.2



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





#51

Acenaphthene

Concen: 44.84 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

PB90993BS

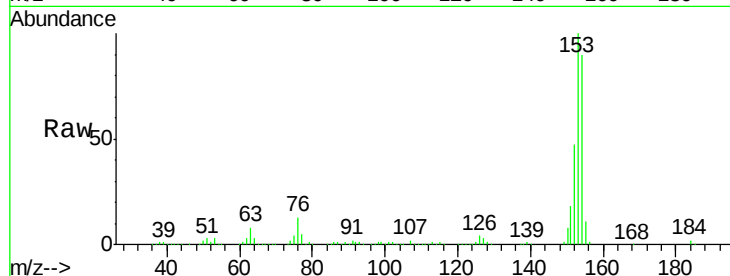
Tgt Ion:154 Resp: 678342

Ion Ratio Lower Upper

154 100

153 111.5 89.5 134.3

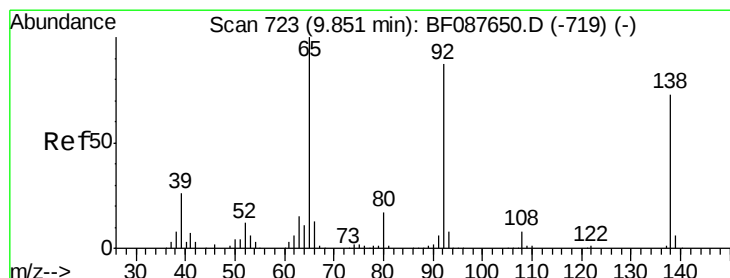
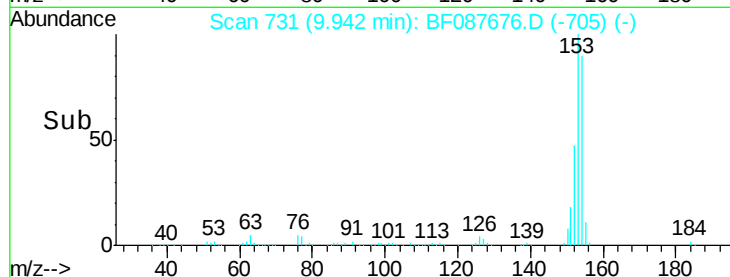
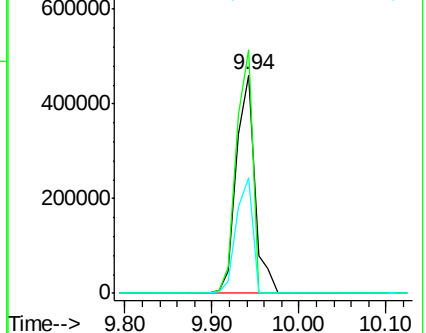
152 52.8 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.31 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

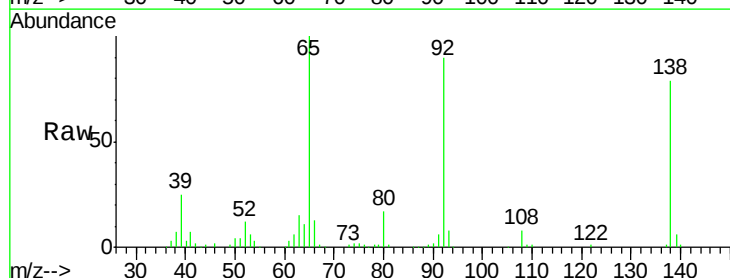
Tgt Ion:138 Resp: 94070

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

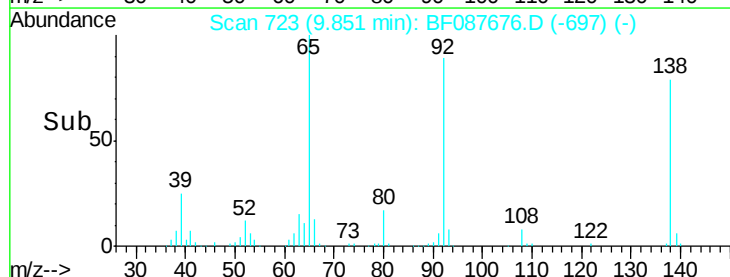
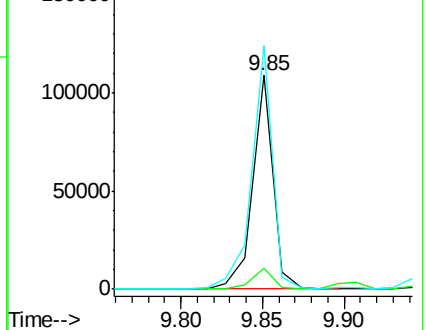
92 113.8 95.7 143.5

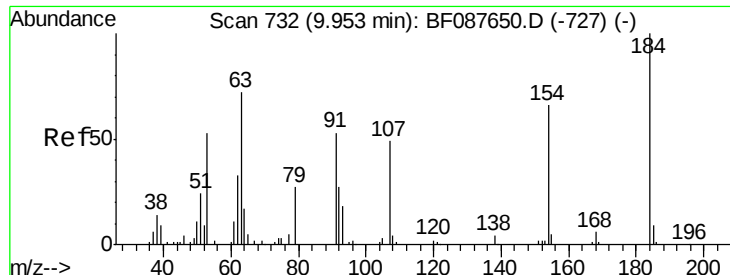


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

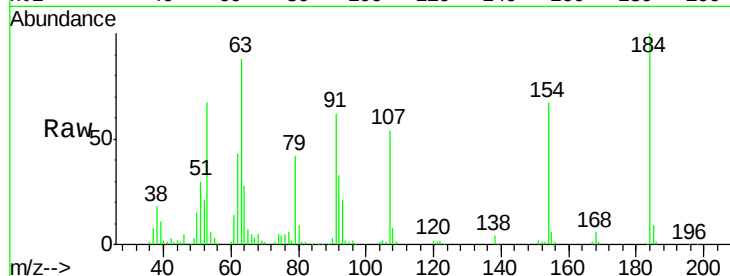




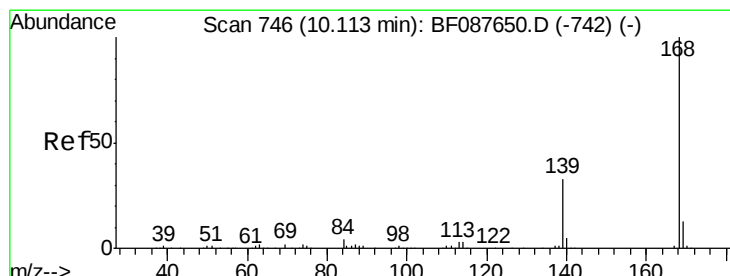
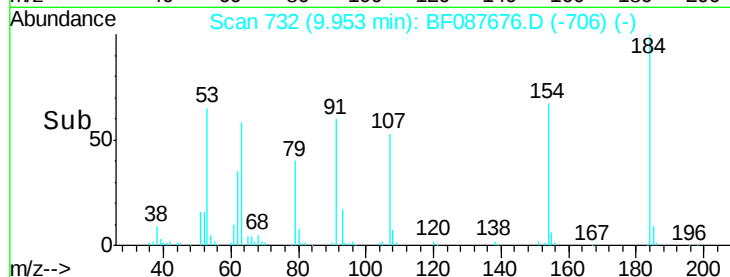
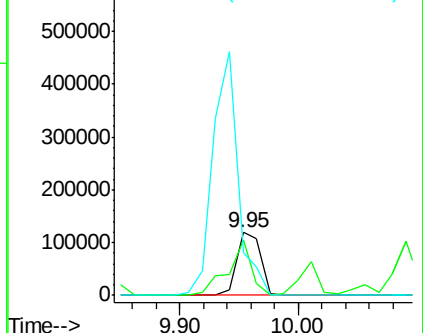
#53
2,4-Dinitrophenol
Concen: 94.62 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
PB90993BS

Tgt Ion:184 Resp: 167052
Ion Ratio Lower Upper
184 100
63 88.0 57.6 86.4#
154 67.5 53.5 80.3

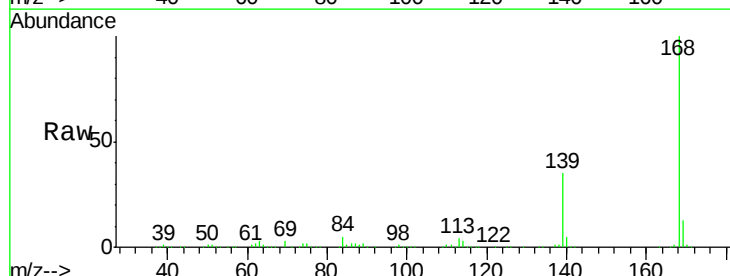


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

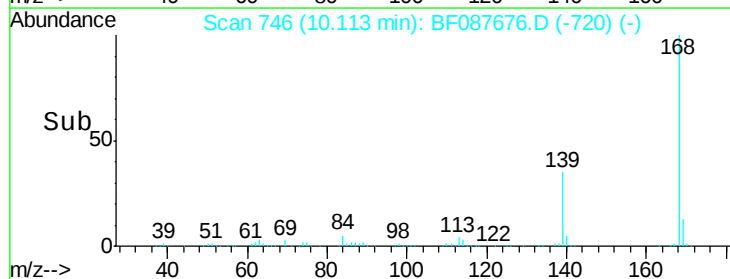
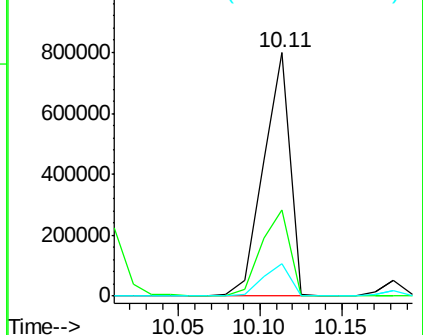


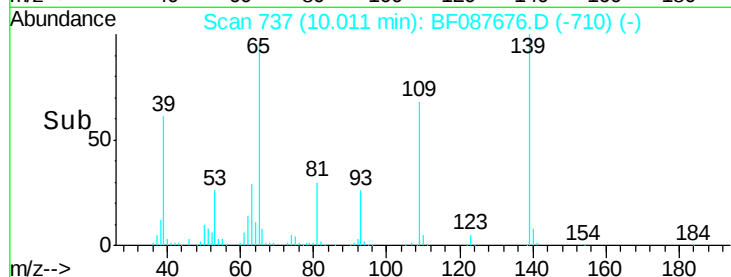
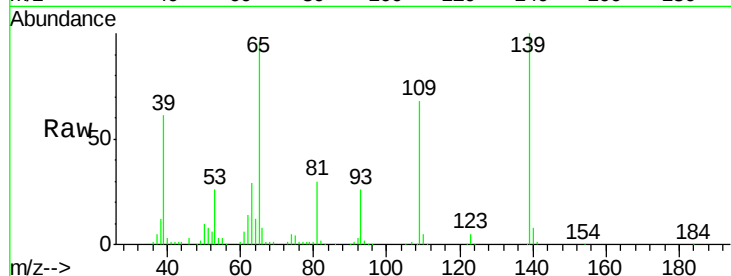
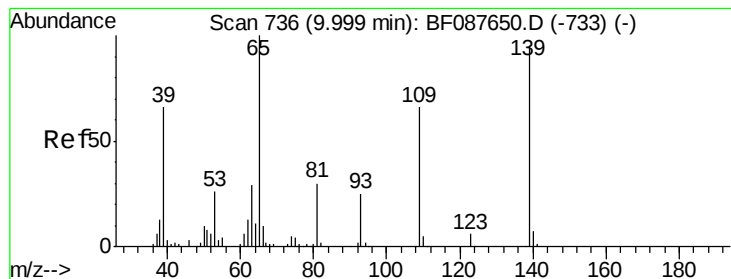
#54
Dibenzofuran
Concen: 43.57 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion:168 Resp: 897265
Ion Ratio Lower Upper
168 100
139 35.3 26.4 39.6
169 13.3 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: 66.30 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

PB90993BS

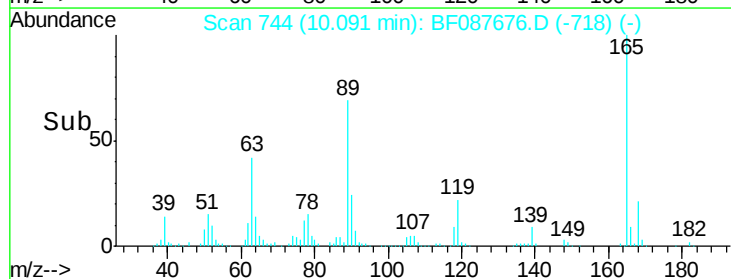
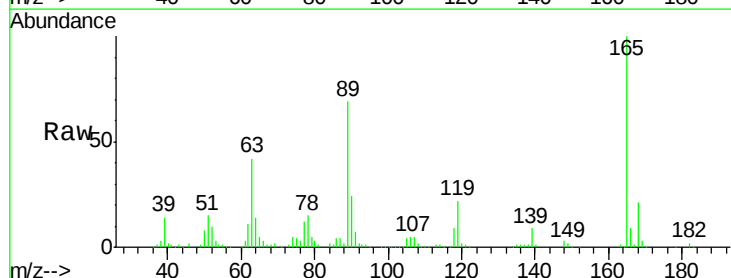
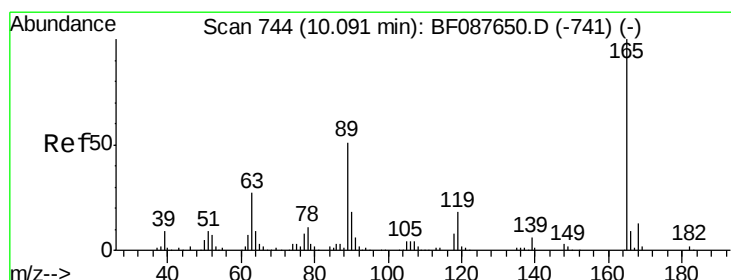
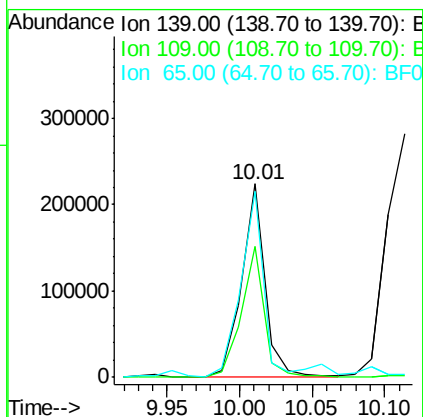
Tgt Ion:139 Resp: 250185

Ion Ratio Lower Upper

139 100

109 68.0 48.9 88.9

65 96.1 84.9 124.9



#56

2,4-Dinitrotoluene

Concen: 46.16 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Tgt Ion:165 Resp: 226891

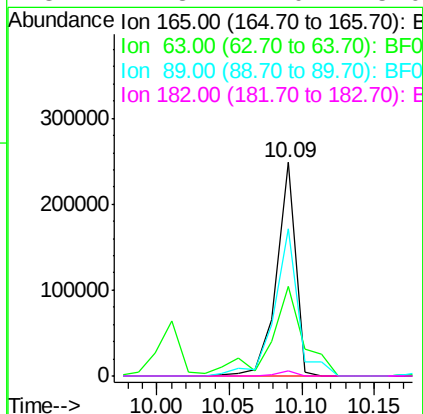
Ion Ratio Lower Upper

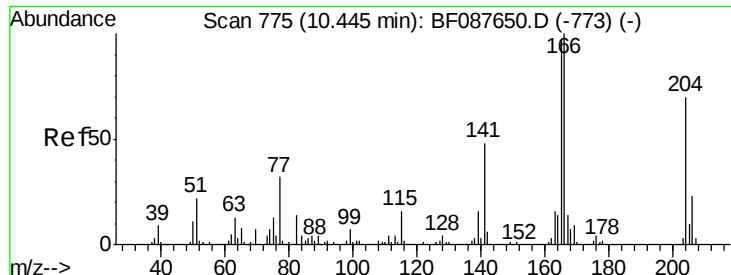
165 100

63 41.7 22.0 33.0#

89 69.1 41.1 61.7#

182 2.3 2.0 3.0

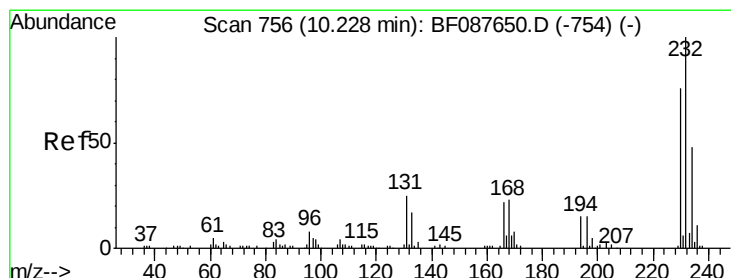
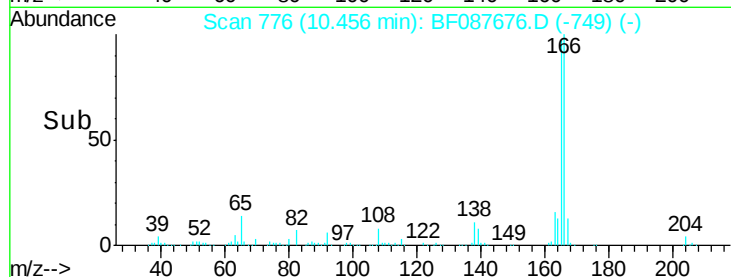
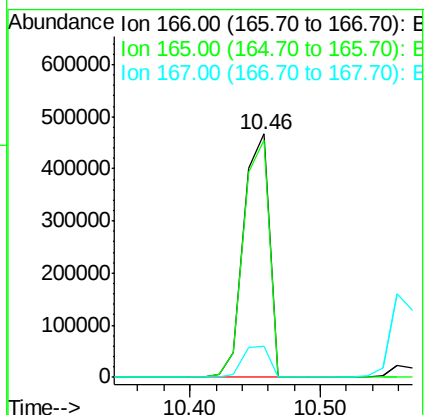
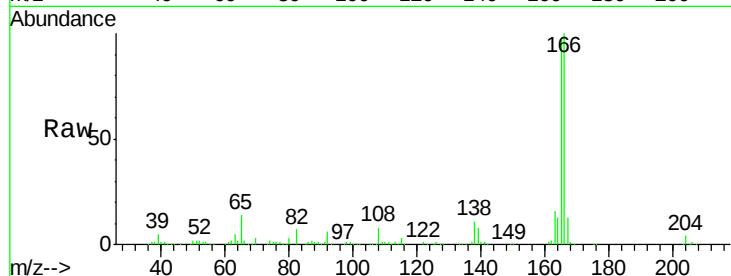




#57
Fluorene
 Concen: 39.36 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

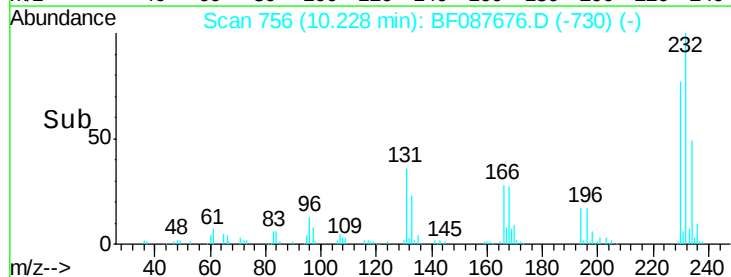
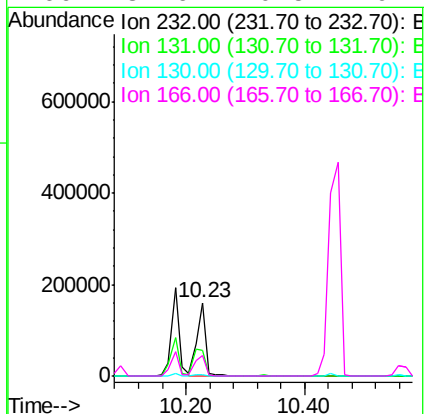
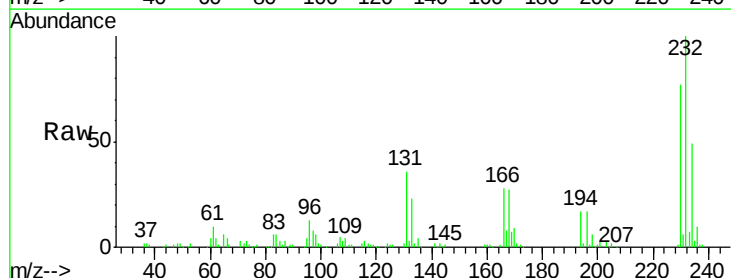
Instrument :
 BNA_F
 ClientSampleId :
 PB90993BS

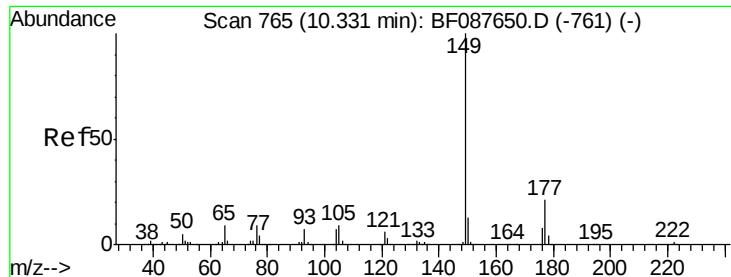
Tgt Ion:166 Resp: 633703
 Ion Ratio Lower Upper
 166 100
 165 97.4 77.8 116.8
 167 13.0 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.26 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

Tgt Ion:232 Resp: 172327
 Ion Ratio Lower Upper
 232 100
 131 48.5 0.9 1.3#
 130 2.3 1.5 2.3#
 166 31.6 0.5 0.7#

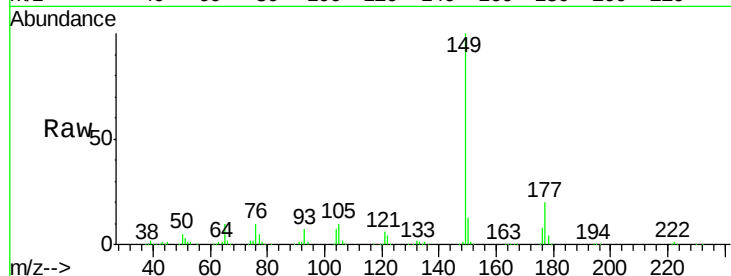




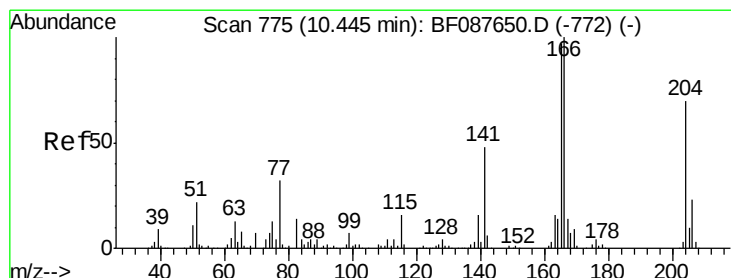
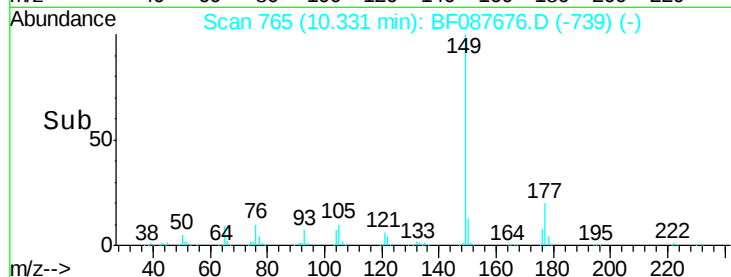
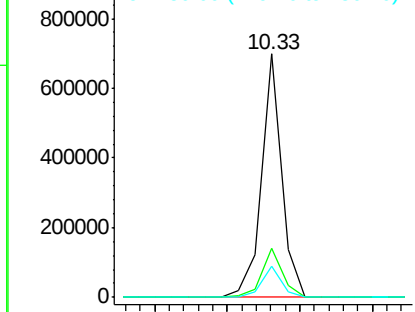
#59
Diethylphthalate
Concen: 39.52 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
PB90993BS

Tgt Ion:149 Resp: 673331
Ion Ratio Lower Upper
149 100
177 20.2 16.9 25.3
150 12.8 10.1 15.1

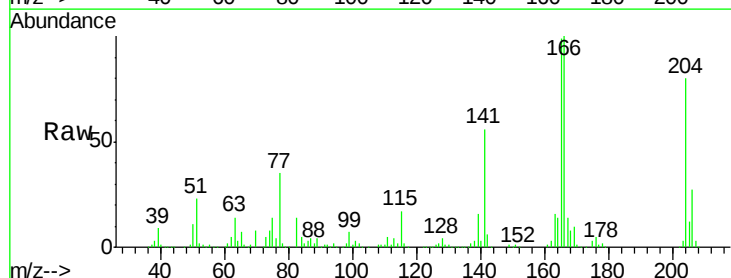


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

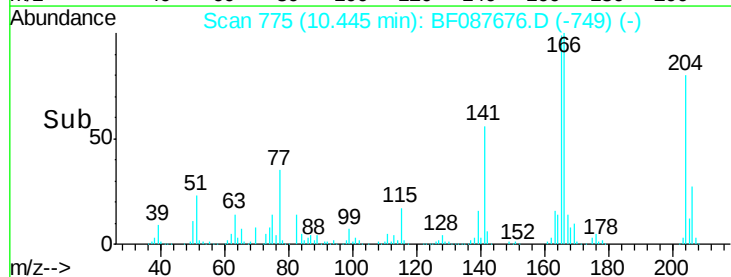
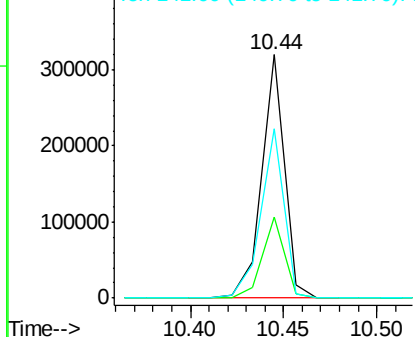


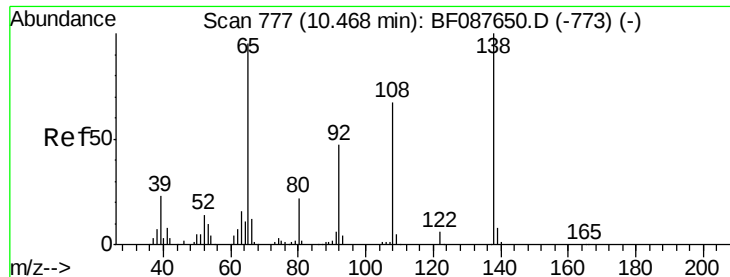
#60
4-Chlorophenyl-phenylether
Concen: 41.93 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion:204 Resp: 267197
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 69.6 55.0 82.6



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

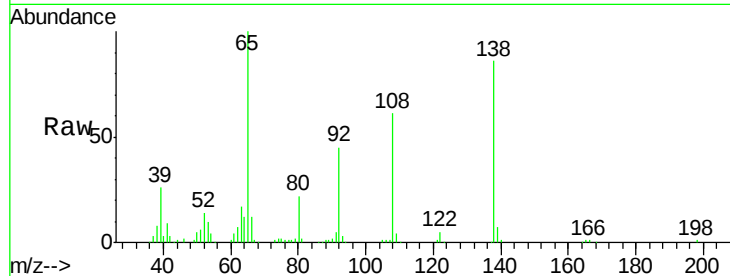




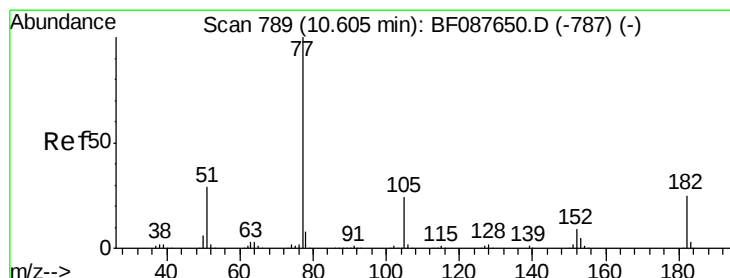
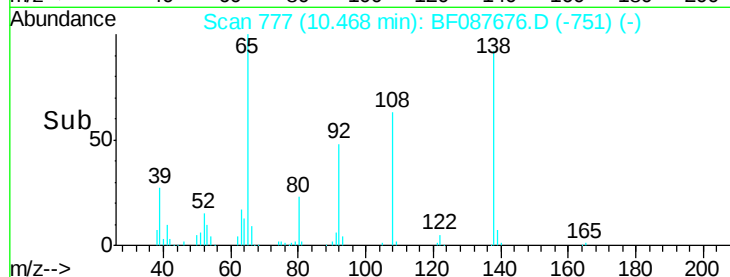
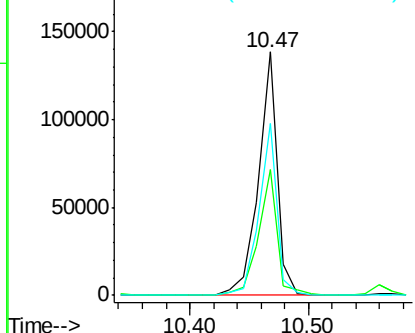
#61
4-Nitroaniline
Concen: 36.24 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
PB90993BS

Tgt Ion:138 Resp: 153820
Ion Ratio Lower Upper
138 100
92 51.9 27.3 67.3
108 70.8 46.7 86.7

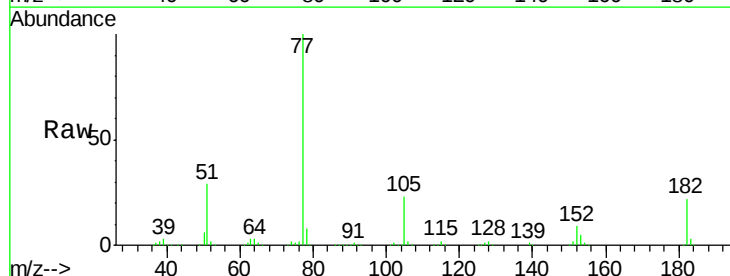


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

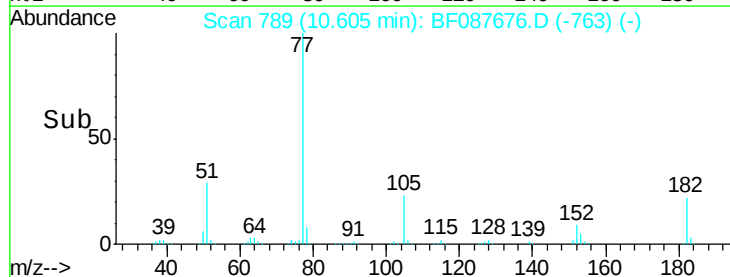
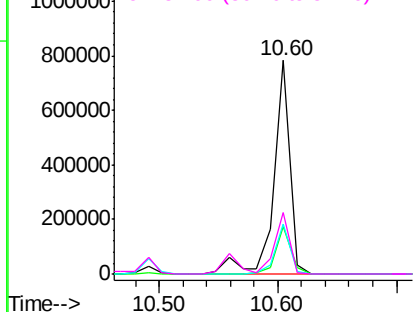


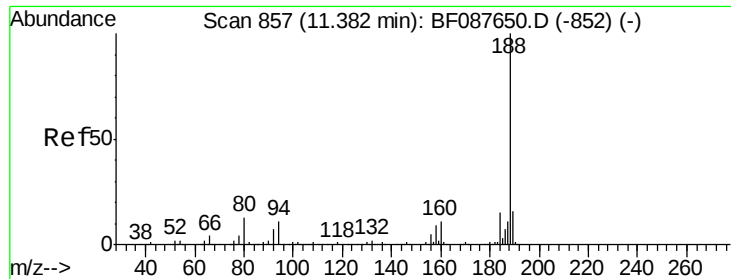
#62
Azobenzene
Concen: 43.69 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion: 77 Resp: 749341
Ion Ratio Lower Upper
77 100
182 22.2 4.4 44.4
105 23.5 3.8 43.8
51 29.0 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

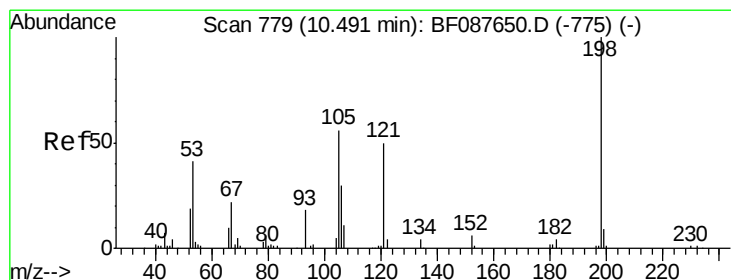
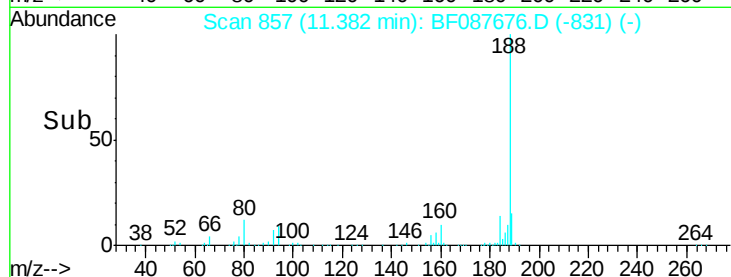
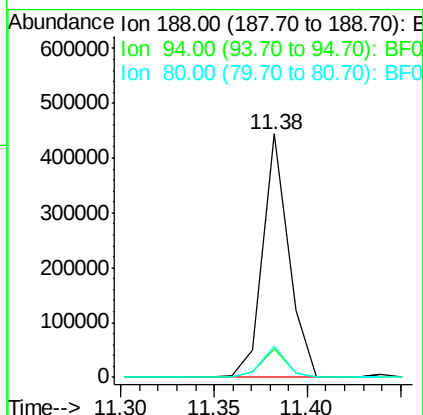
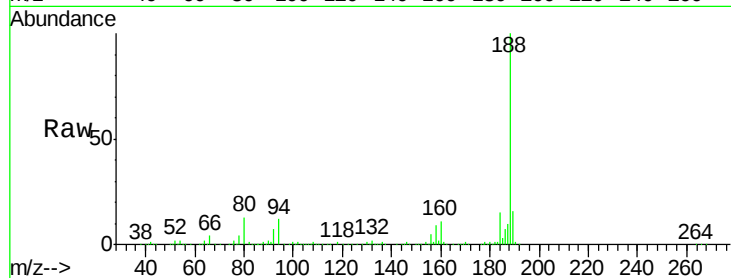




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

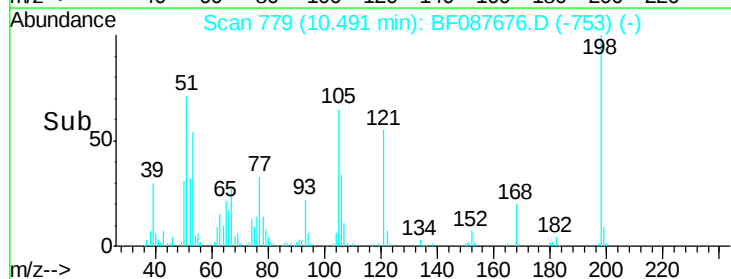
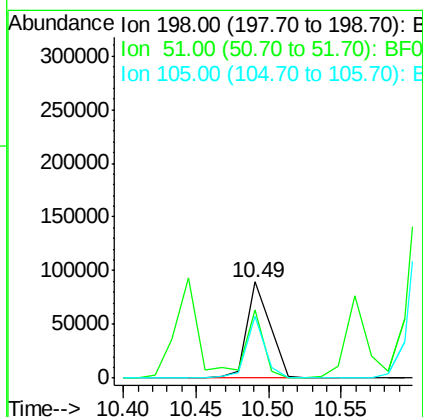
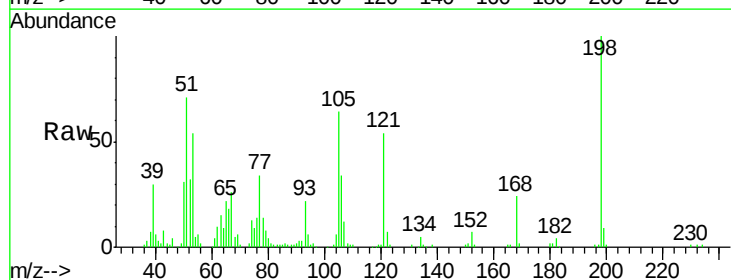
Instrument :
BNA_F
ClientSampleId :
PB90993BS

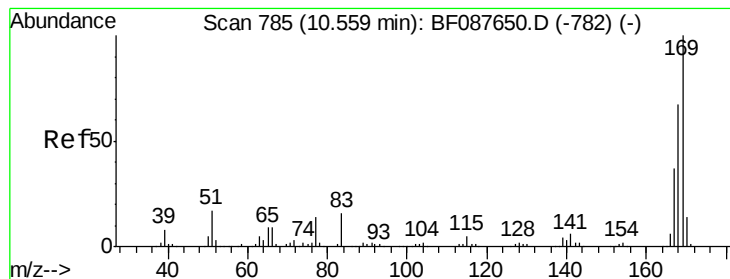
Tgt Ion:188 Resp: 426182
Ion Ratio Lower Upper
188 100
94 11.7 9.0 13.6
80 12.7 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 42.38 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion:198 Resp: 99800
Ion Ratio Lower Upper
198 100
51 70.6 39.6 79.6
105 63.8 36.6 76.6

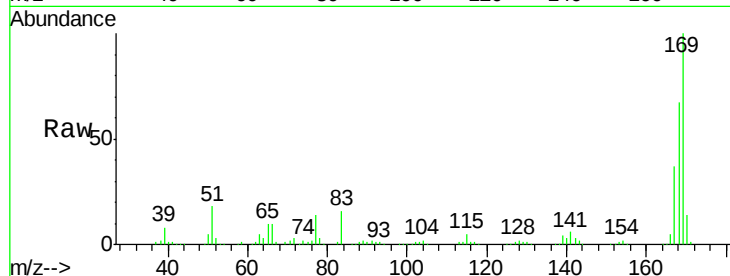




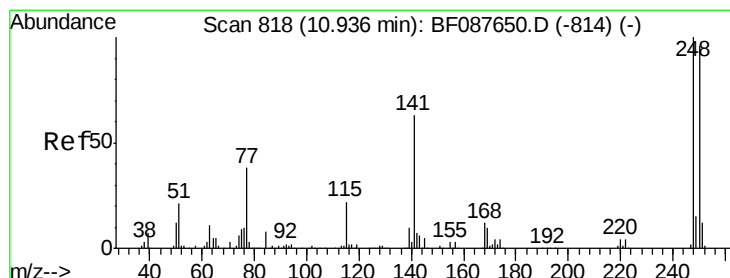
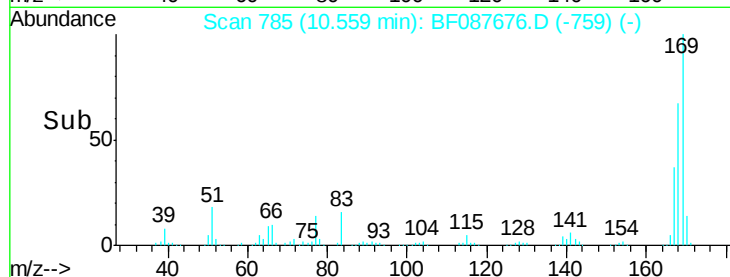
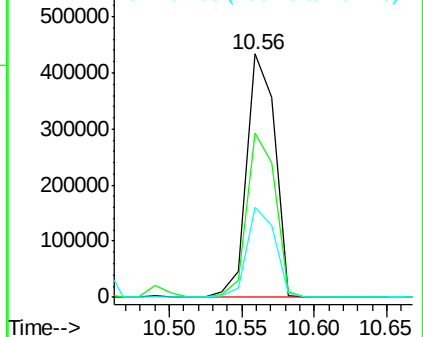
#65
 n-Nitrosodiphenylamine
 Concen: 41.68 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90993BS

Tgt Ion:169 Resp: 581808
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.4 80.0
 167 37.2 29.4 44.0

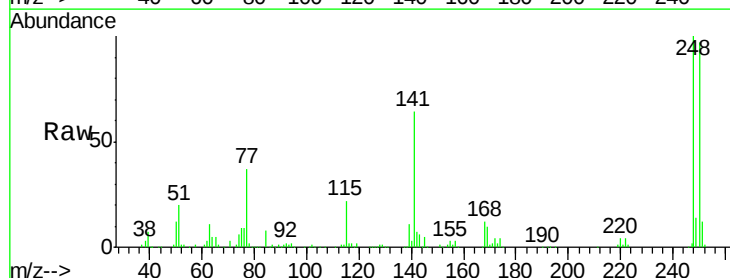


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

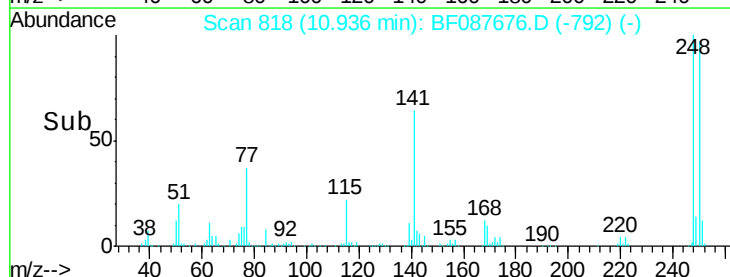
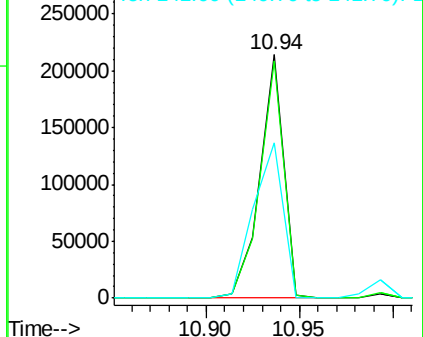


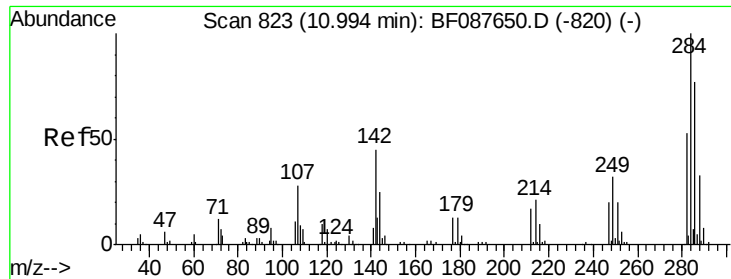
#66
 4-Bromophenyl-phenylether
 Concen: 44.38 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

Tgt Ion:248 Resp: 187565
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.1 115.7
 141 63.8 50.6 76.0



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





#67

Hexachlorobenzene

Concen: 39.34 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

PB90993BS

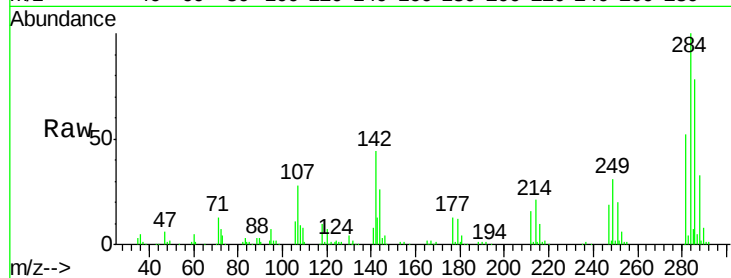
Tgt Ion:284 Resp: 185929

Ion Ratio Lower Upper

284 100

142 43.7 35.8 53.8

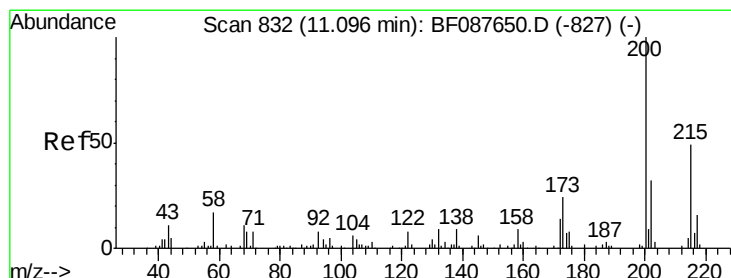
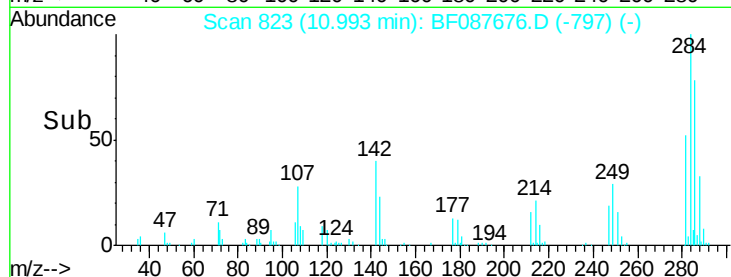
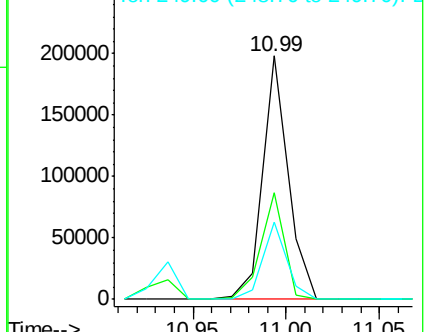
249 31.5 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.13 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

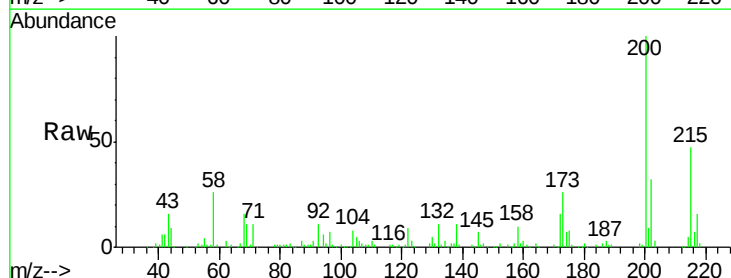
Tgt Ion:200 Resp: 190753

Ion Ratio Lower Upper

200 100

173 26.2 4.0 44.0

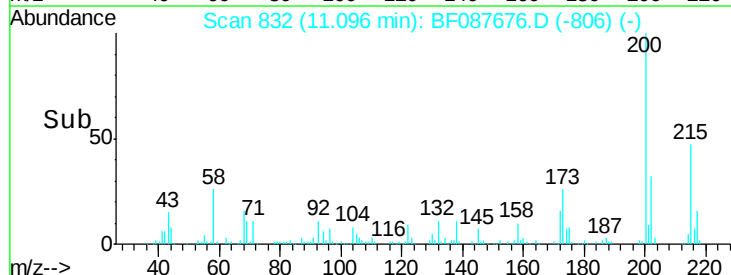
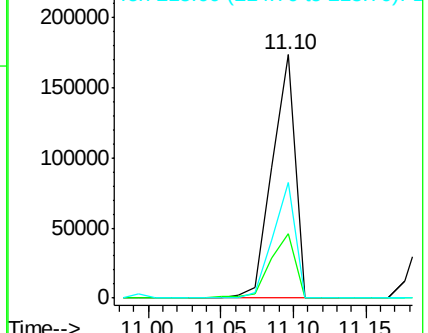
215 47.4 29.3 69.3

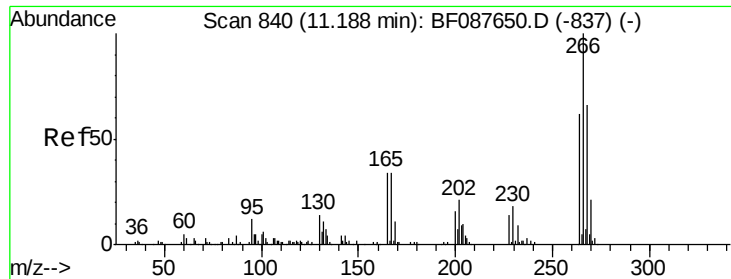


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

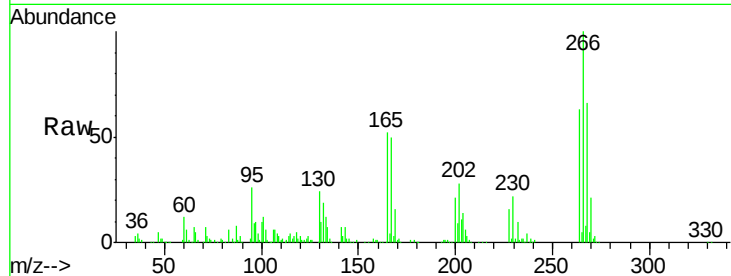




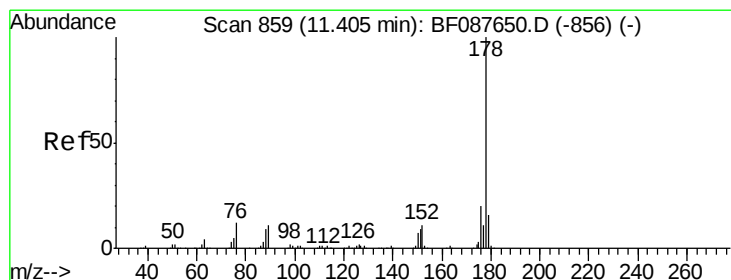
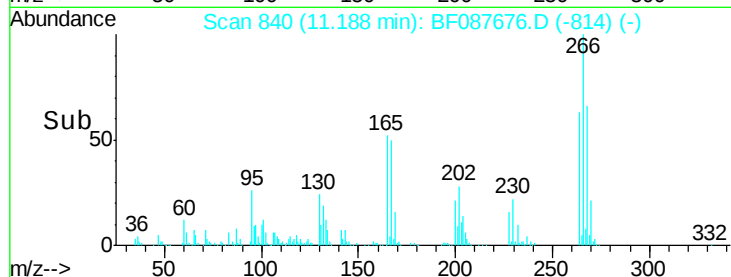
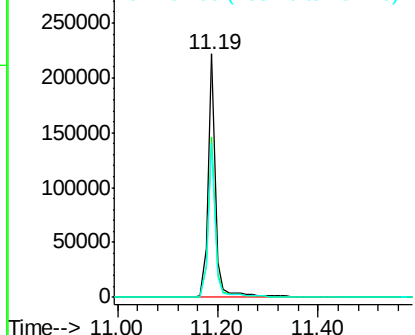
#69
 Pentachlorophenol
 Concen: 82.42 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90993BS

Tgt Ion:266 Resp: 231432
 Ion Ratio Lower Upper
 266 100
 268 65.7 52.8 79.2
 264 63.2 49.6 74.4

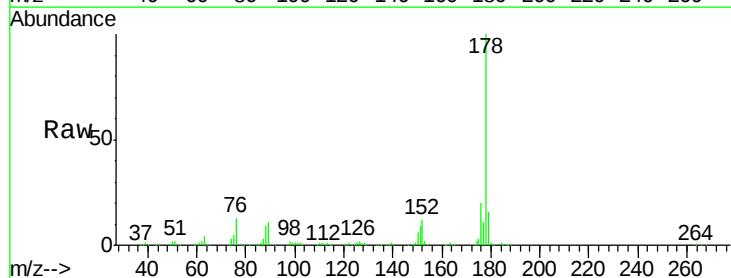


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

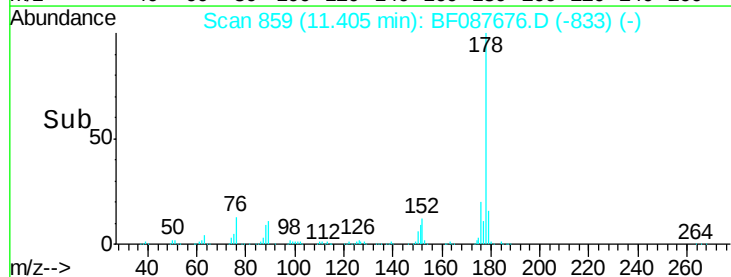
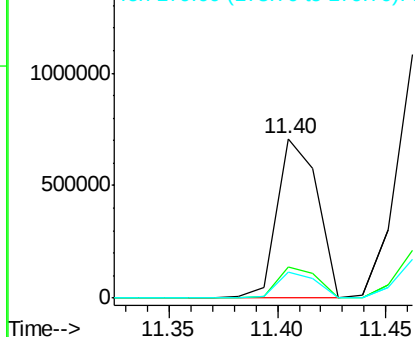


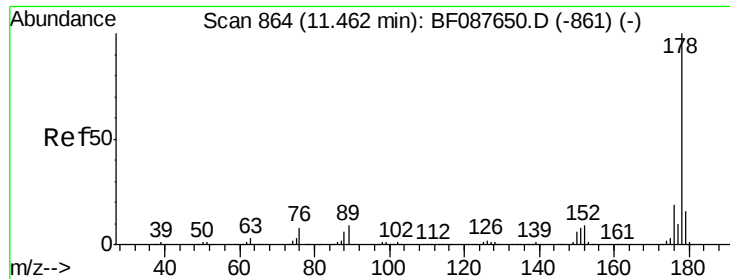
#70
 Phenanthrene
 Concen: 39.78 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

Tgt Ion:178 Resp: 919131
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.6
 179 16.1 13.0 19.4



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

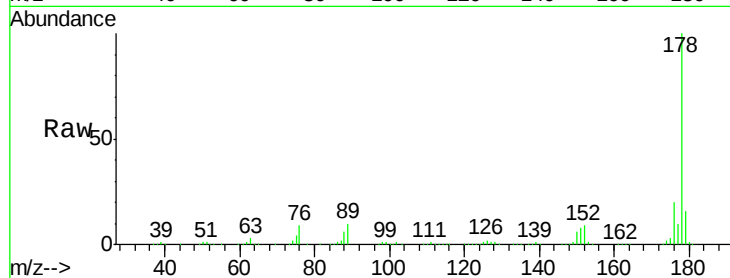




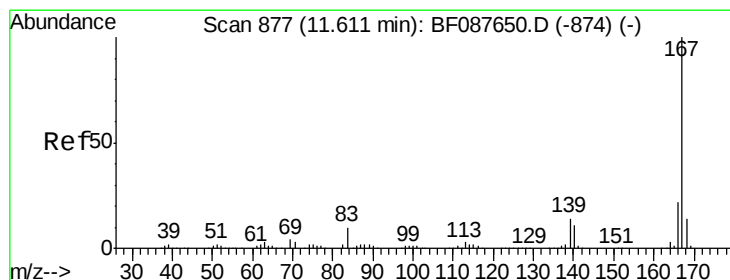
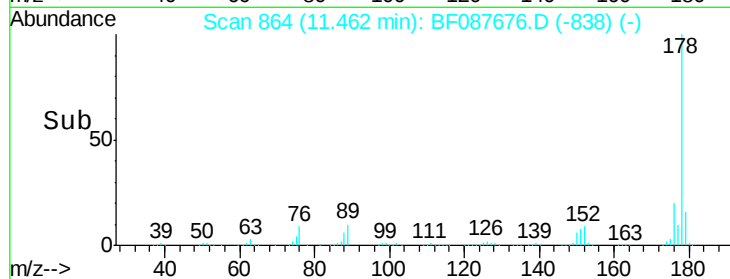
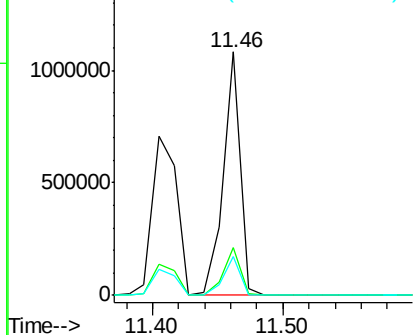
#71
 Anthracene
 Concen: 42.42 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90993BS

Tgt Ion:178 Resp: 982146
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.1 12.8 19.2

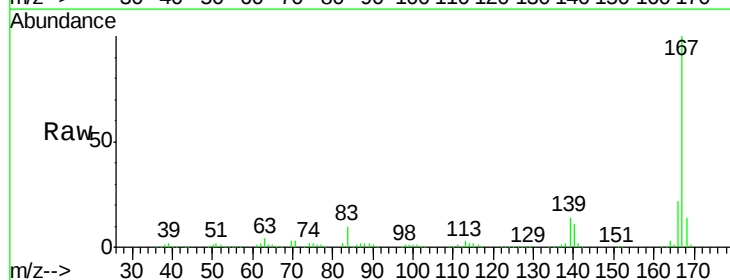


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

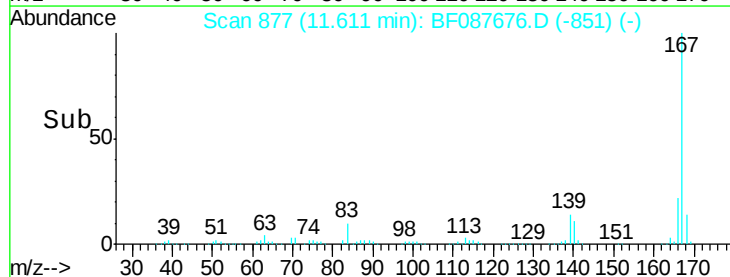
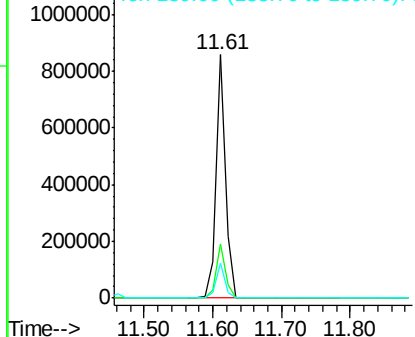


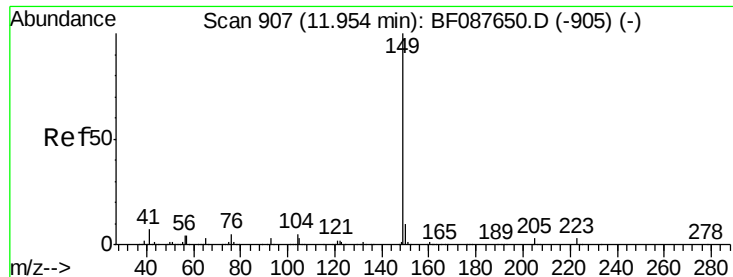
#72
 Carbazole
 Concen: 38.04 ng
 RT: 11.61 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

Tgt Ion:167 Resp: 833637
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 14.2 11.2 16.8



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

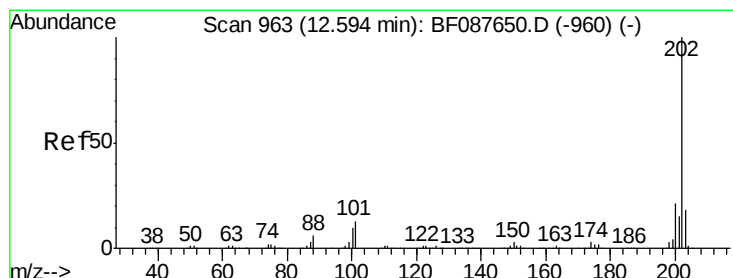
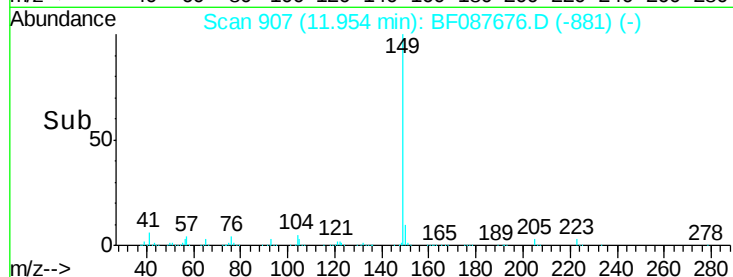
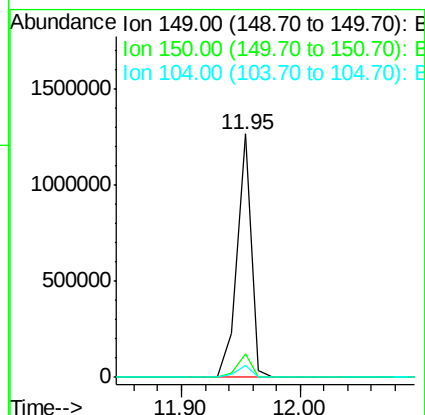
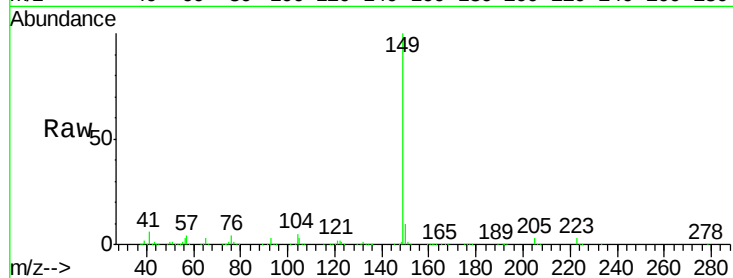




#73
Di-n-butylphthalate
Concen: 44.68 ng
RT: 11.95 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

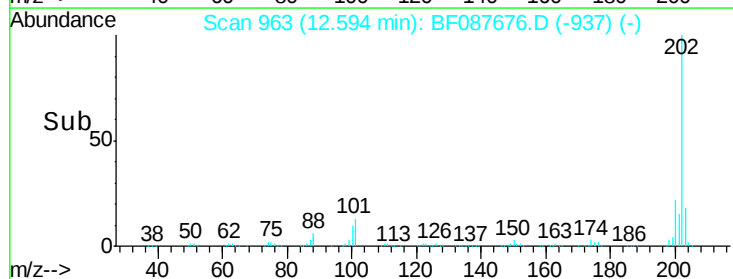
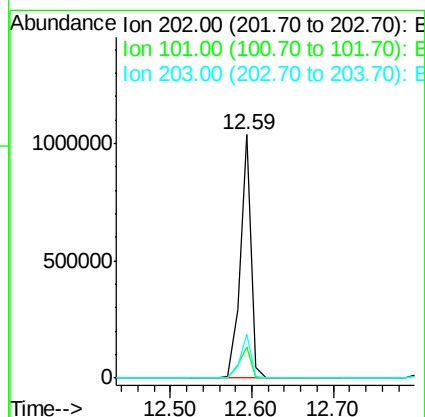
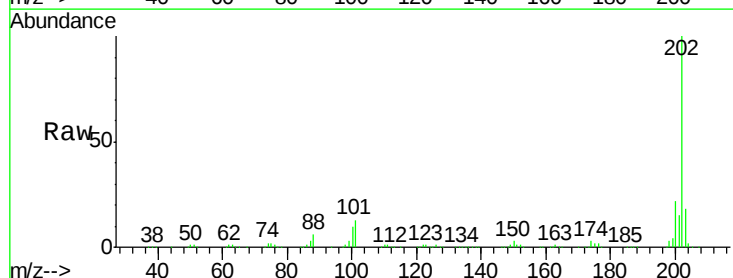
Instrument :
BNA_F
ClientSampleId :
PB90993BS

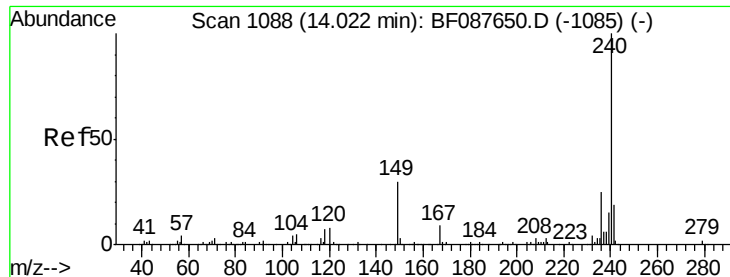
Tgt Ion:149 Resp: 1049791
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 5.0 4.0 6.0



#74
Fluoranthene
Concen: 41.91 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion:202 Resp: 952929
Ion Ratio Lower Upper
202 100
101 12.9 0.0 33.1
203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

PB90993BS

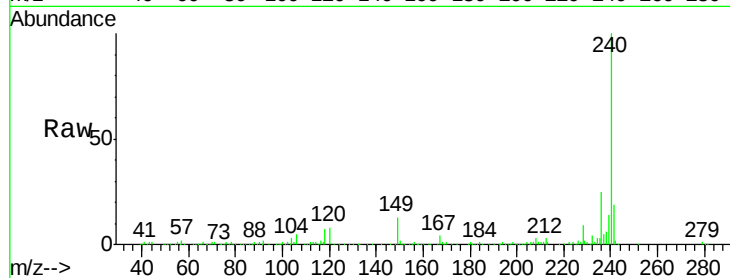
Tgt Ion:240 Resp: 317816

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

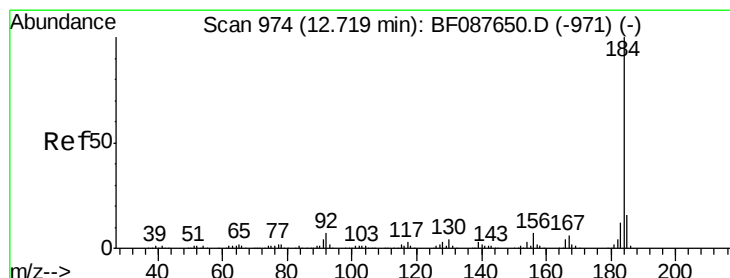
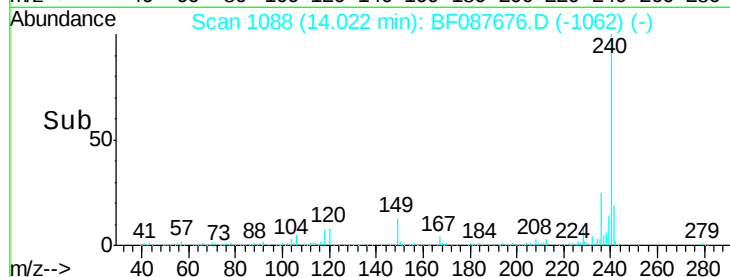
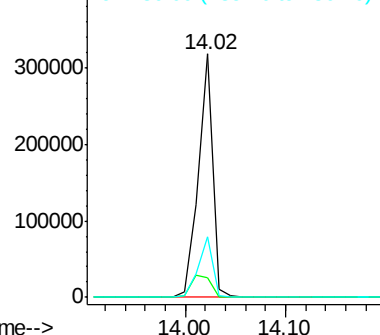
236 25.1 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.12 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

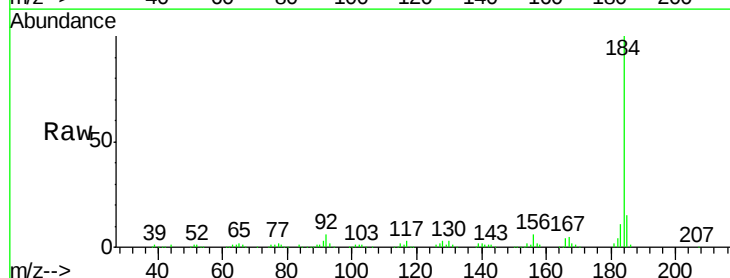
Tgt Ion:184 Resp: 252126

Ion Ratio Lower Upper

184 100

185 15.0 12.5 18.7

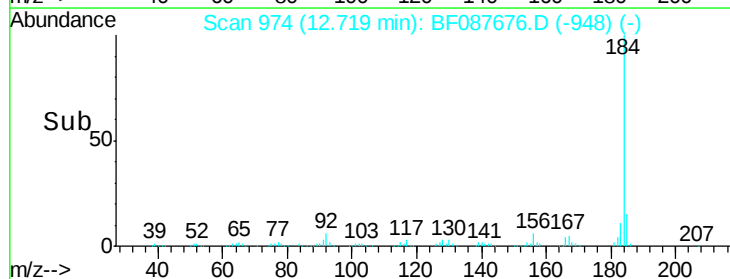
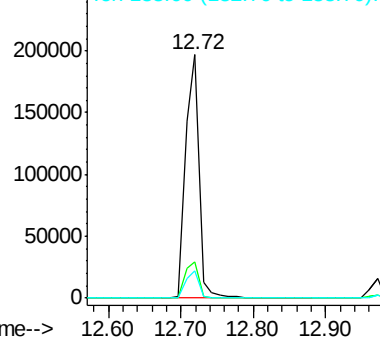
183 11.5 9.3 13.9

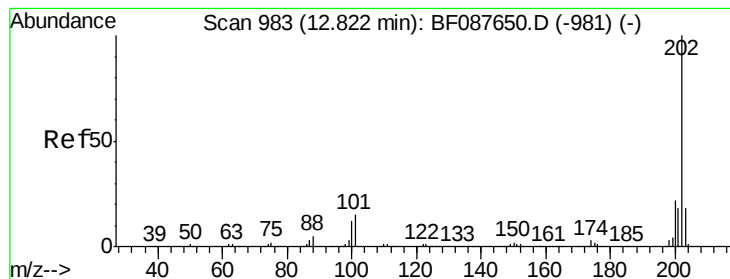


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.10 ng

RT: 12.82 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

PB90993BS

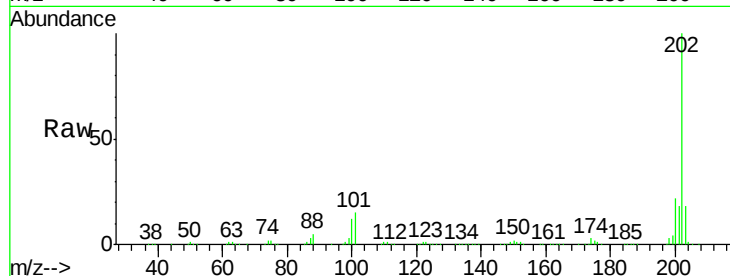
Tgt Ion:202 Resp: 975331

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

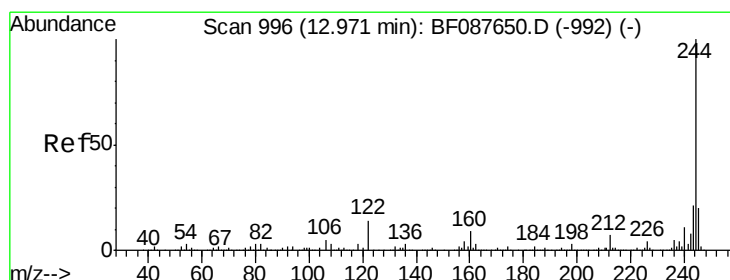
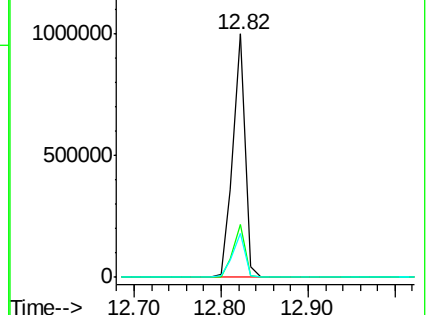
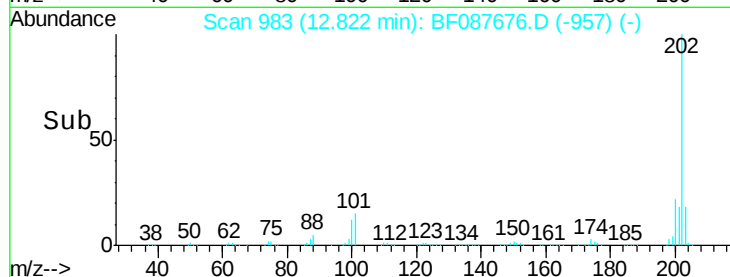
203 18.0 14.5 21.7



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: 75.36 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

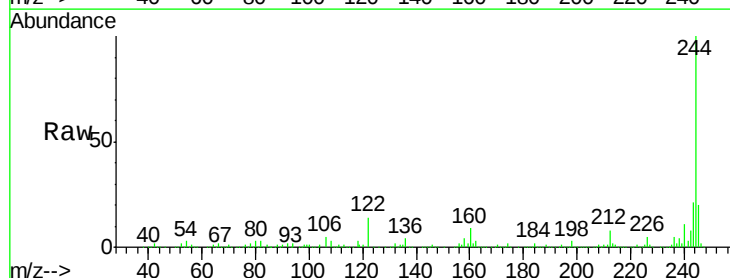
Tgt Ion:244 Resp: 981518

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

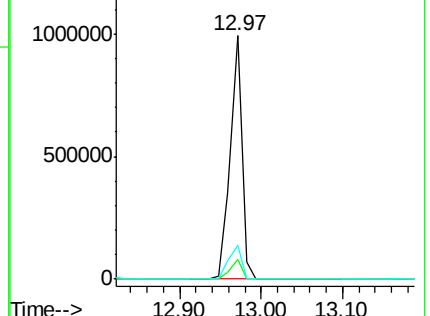
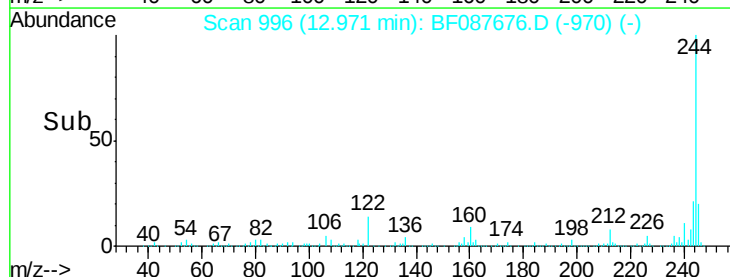
122 13.9 11.2 16.8

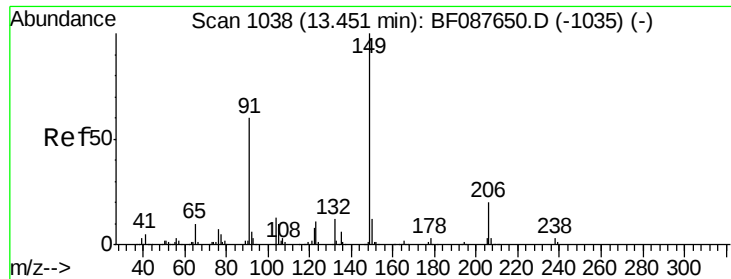


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

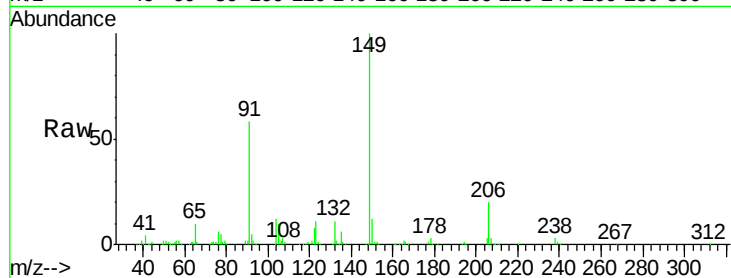




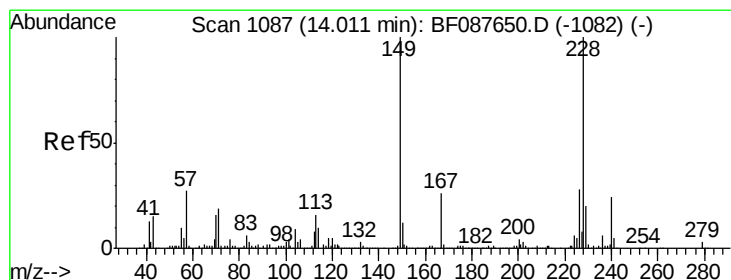
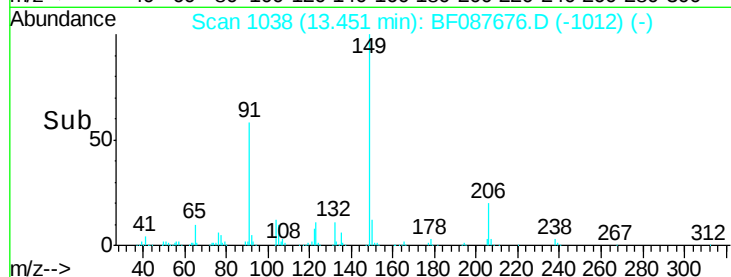
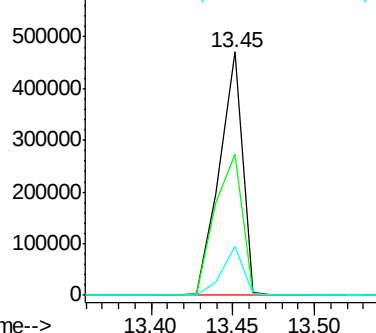
#79
Butylbenzylphthalate
Concen: 48.31 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
PB90993BS

Tgt Ion:149 Resp: 465259
Ion Ratio Lower Upper
149 100
91 58.0 48.0 72.0
206 20.4 16.0 24.0

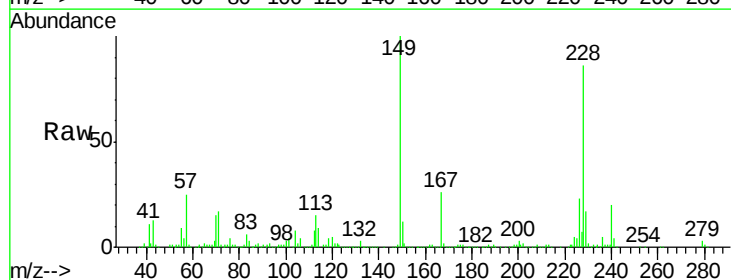


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

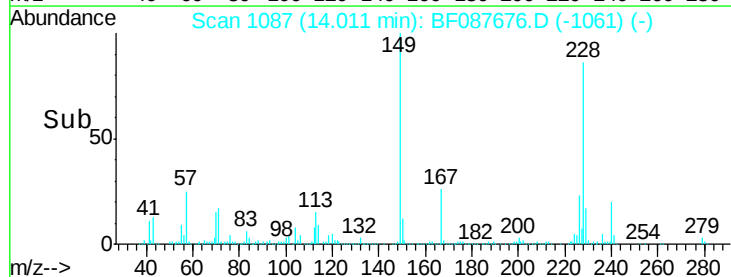
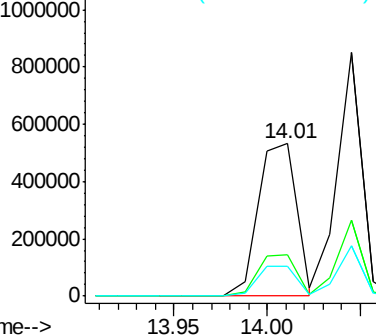


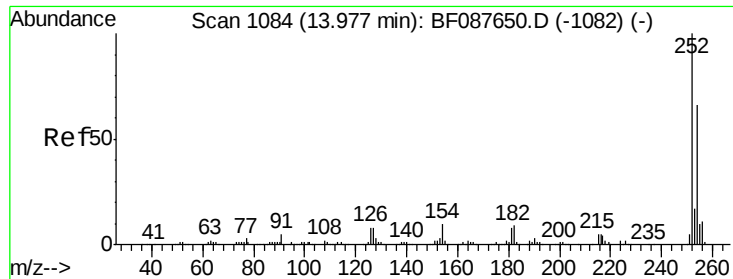
#80
Benzo(a)anthracene
Concen: 41.84 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion:228 Resp: 767495
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 19.7 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

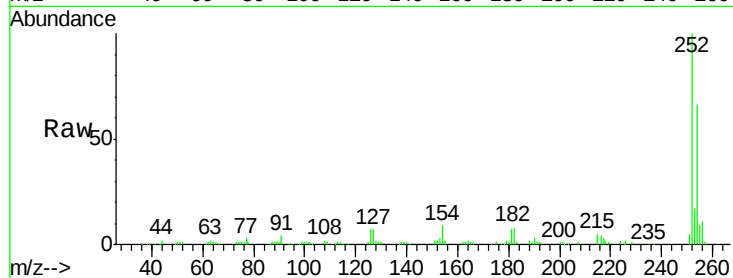




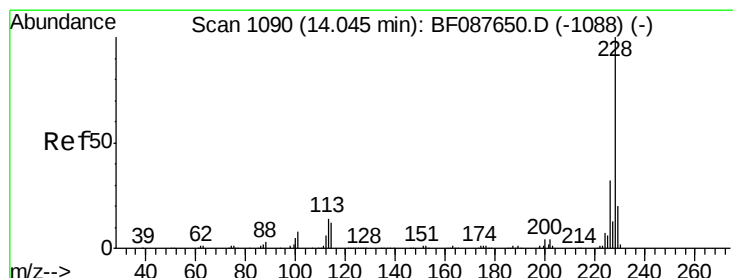
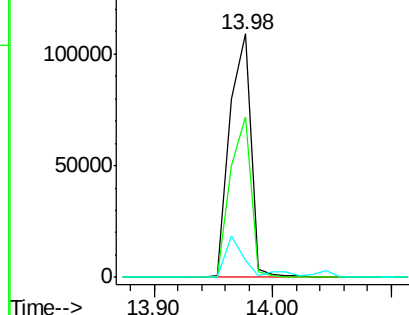
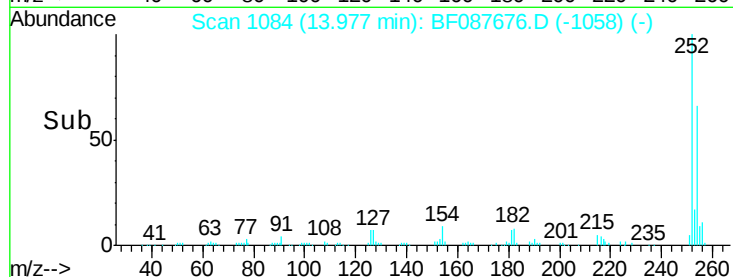
#81
 3,3'-Dichlorobenzidine
 Concen: 25.96 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

Instrument :
 BNA_F
 ClientSampleID :
 PB90993BS

Tgt Ion:252 Resp: 134360
 Ion Ratio Lower Upper
 252 100
 254 66.1 52.6 78.8
 126 7.1 6.2 9.2

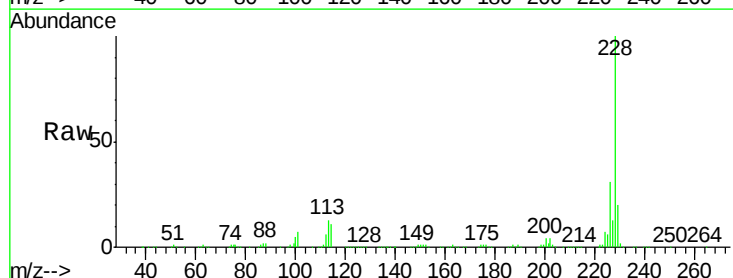


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

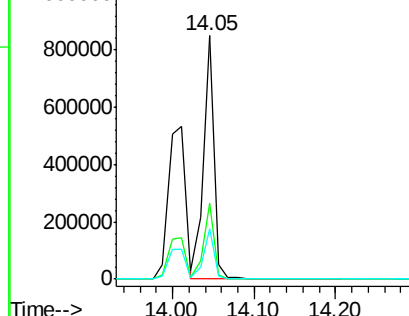
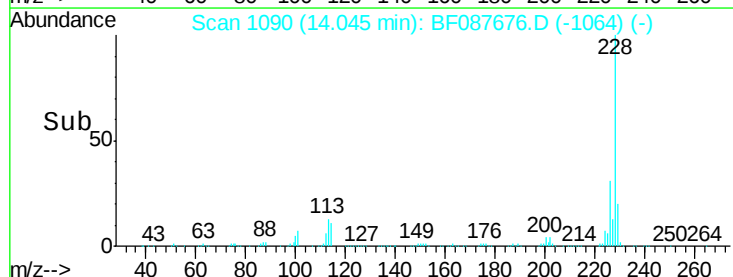


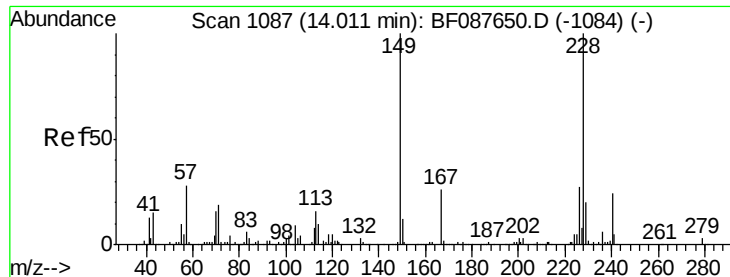
#82
 Chrysene
 Concen: 42.62 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

Tgt Ion:228 Resp: 778116
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.2
 229 20.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.84 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

PB90993BS

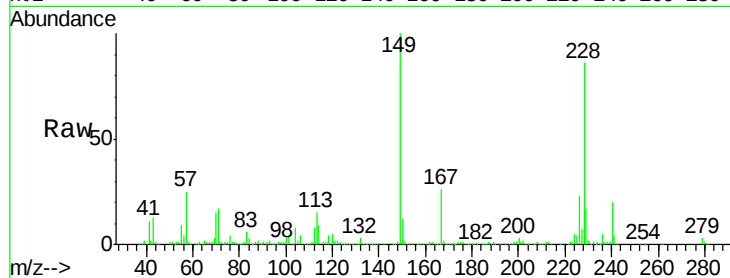
Tgt Ion:149 Resp: 536838

Ion Ratio Lower Upper

149 100

167 26.2 20.5 30.7

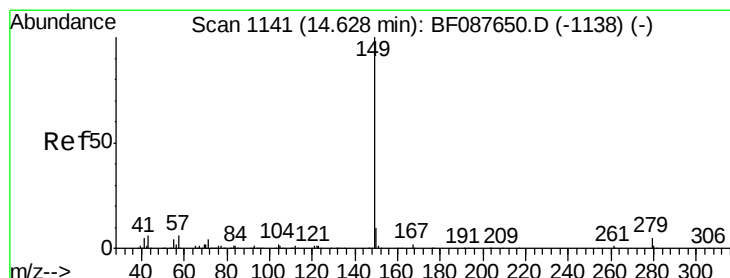
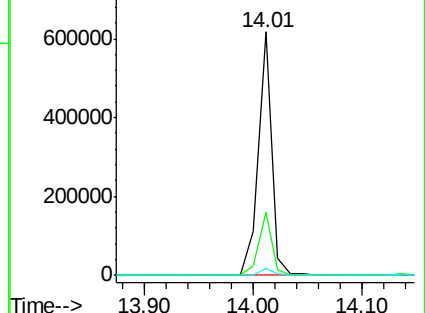
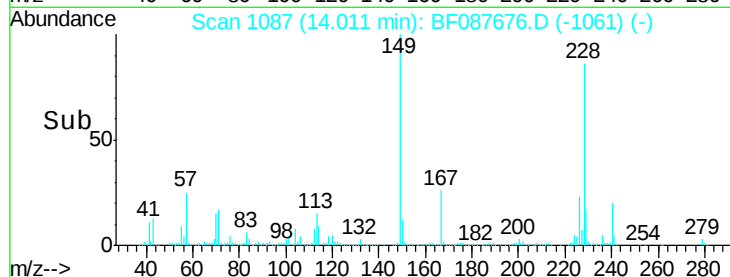
279 3.0 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.00 ng

RT: 14.62 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

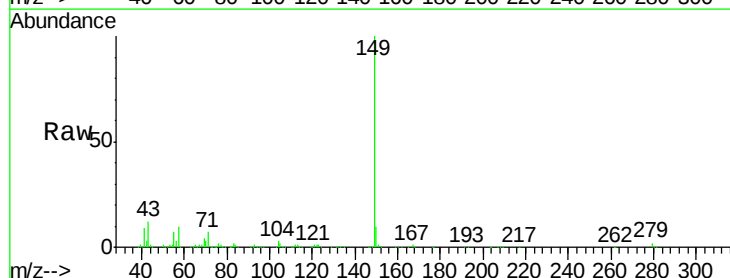
Tgt Ion:149 Resp: 958962

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

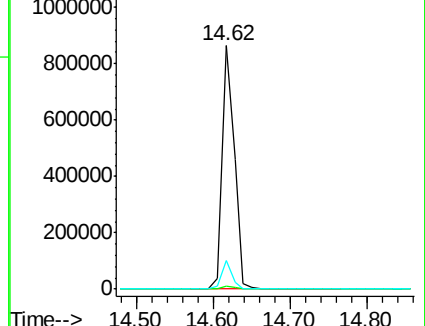
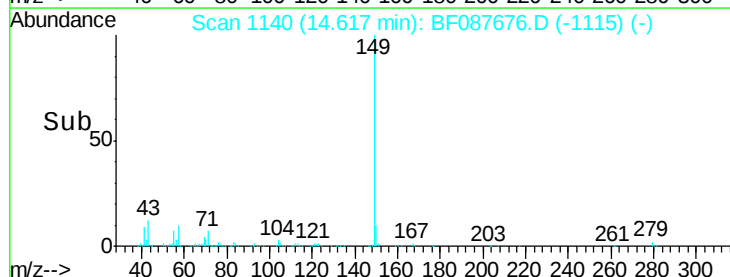
43 9.8 0.0 0.0#

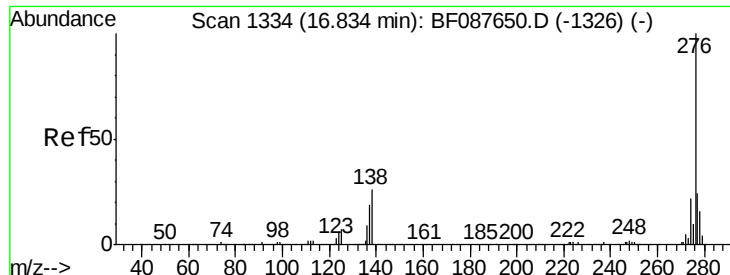


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

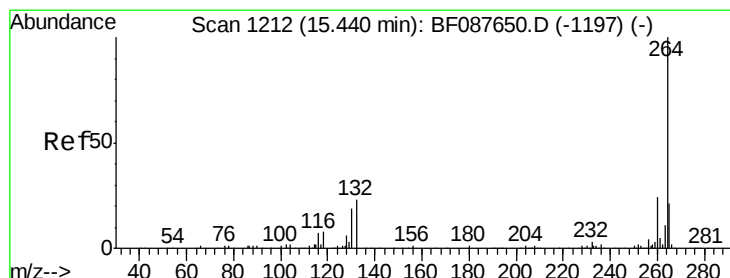
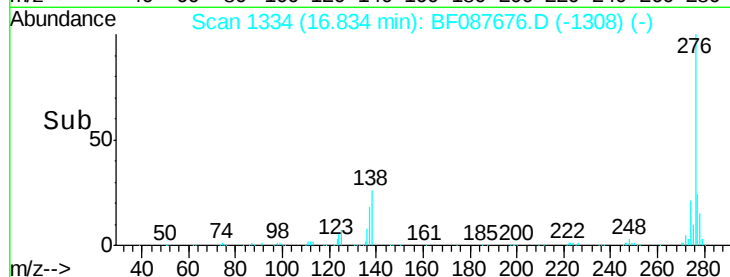
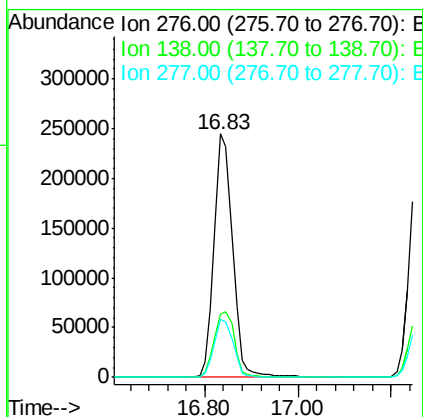
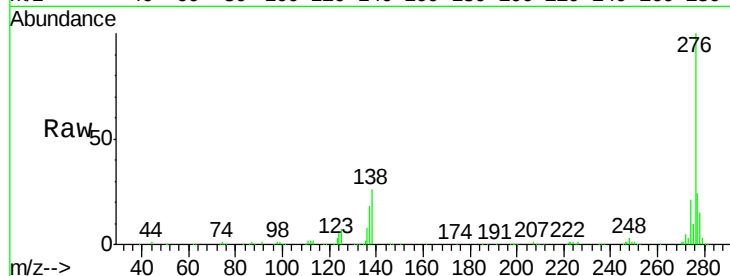




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.07 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

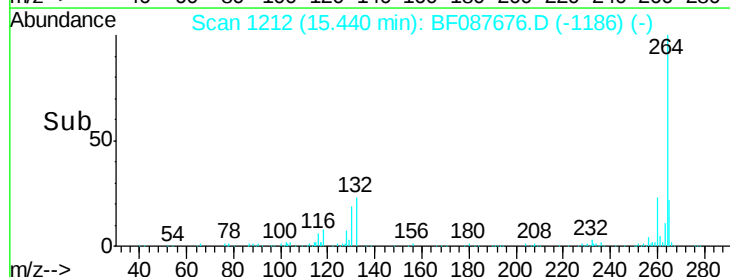
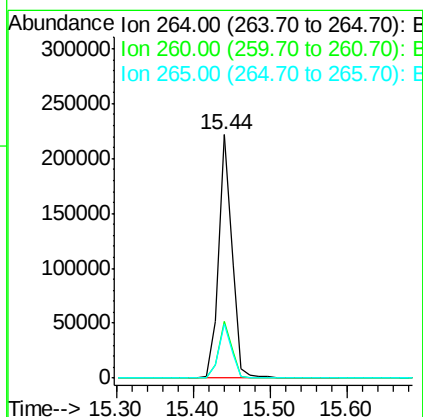
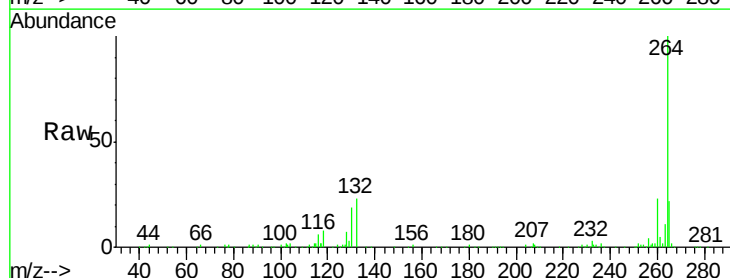
Instrument :
 BNA_F
 ClientSampleId :
 PB90993BS

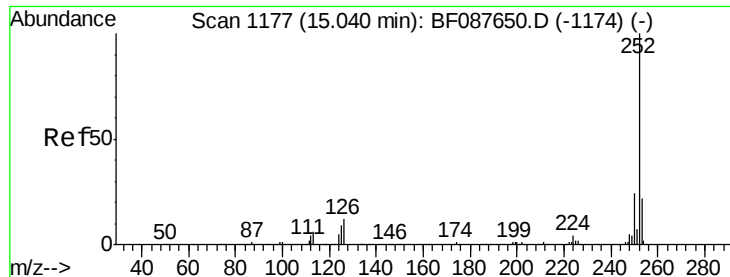
Tgt Ion: 276 Resp: 680177
 Ion Ratio Lower Upper
 276 100
 138 29.7 0.0 0.0#
 277 24.8 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

Tgt Ion: 264 Resp: 271603
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.0 16.9 25.3

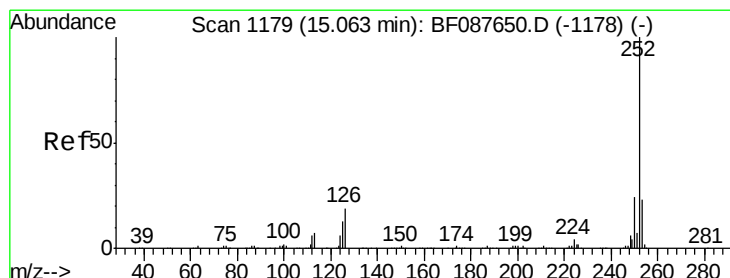
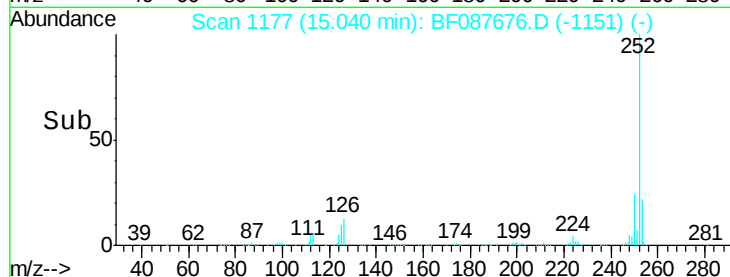
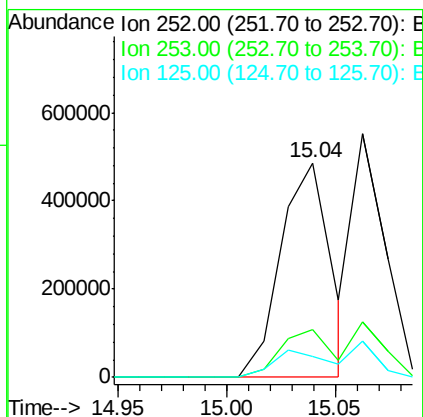
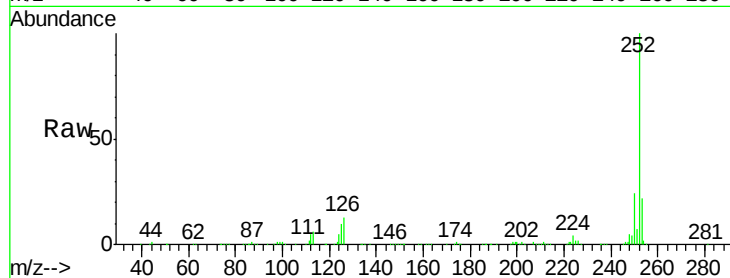




#87
Benzo(b)fluoranthene
Concen: 44.02 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

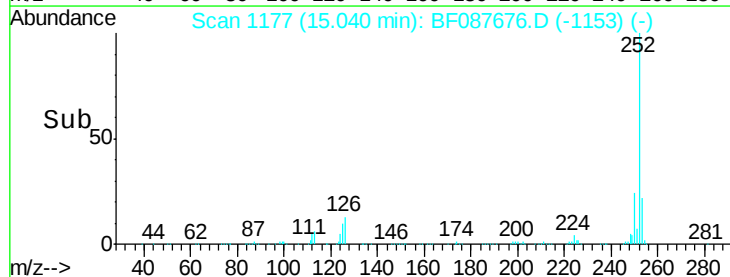
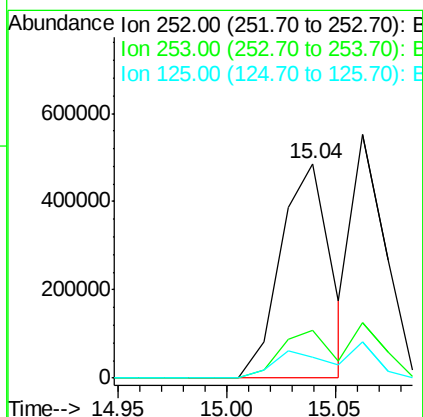
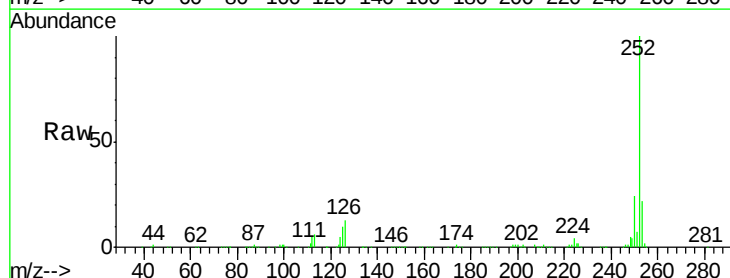
Instrument :
BNA_F
ClientSampleId :
PB90993BS

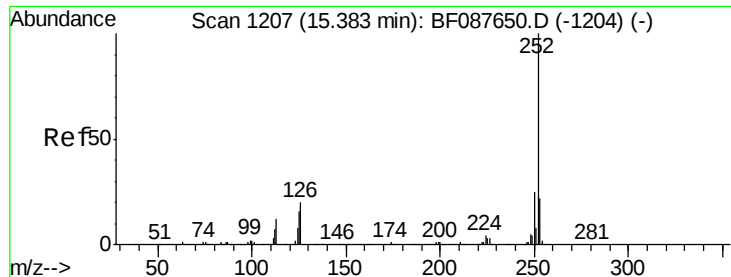
Tgt Ion:252 Resp: 777800
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.5 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 52.91 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087676.D
Acq: 4 Jun 2016 20:17

Tgt Ion:252 Resp: 777800
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.5 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 43.24 ng

RT: 15.38 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

PB90993BS

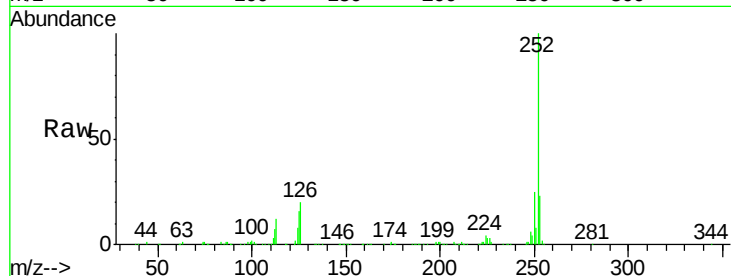
Tgt Ion:252 Resp: 642151

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

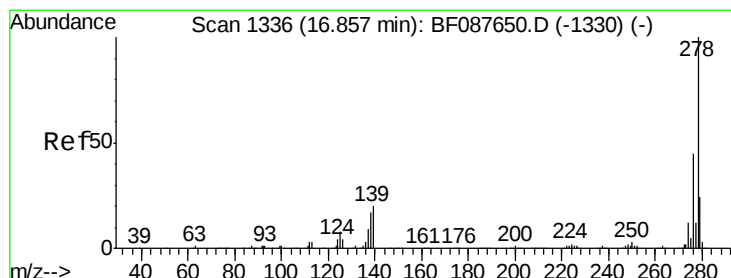
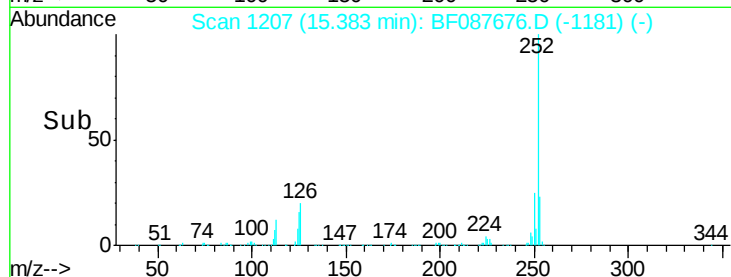
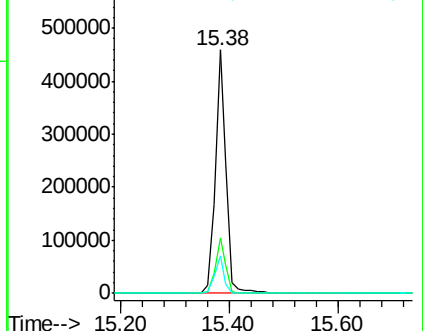
125 15.7 12.5 18.7



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: 44.39 ng

RT: 16.86 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF087676.D

Acq: 4 Jun 2016 20:17

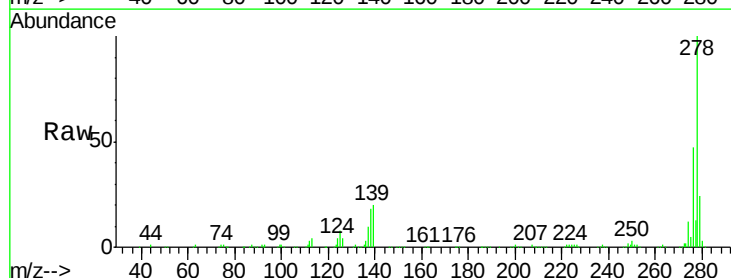
Tgt Ion:278 Resp: 561012

Ion Ratio Lower Upper

278 100

139 20.3 15.7 23.5

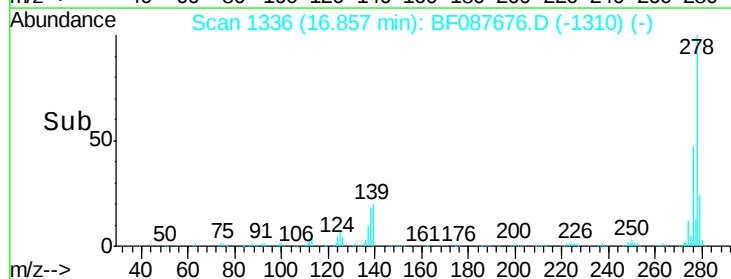
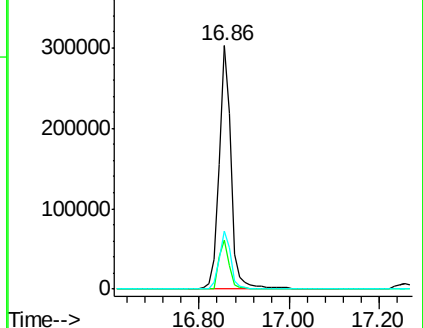
279 23.9 19.4 29.2

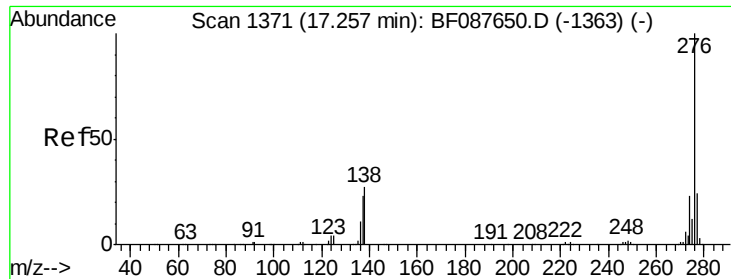


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

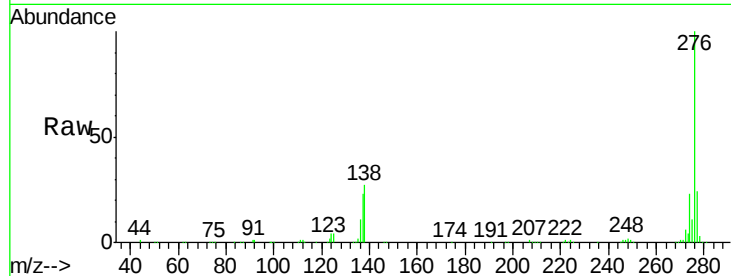




#91
 Benzo(g,h,i)perylene
 Concen: 44.02 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF087676.D
 Acq: 4 Jun 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 PB90993BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	26.9	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

