

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087649.D
 Acq On : 4 Jun 2016 3:50
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Jun 04 05:59:49 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 05:48:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	116201	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	457754	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	220974	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	394616	20.00	ng	0.00
75) Chrysene-d12	14.02	240	313967	20.00	ng	0.00
86) Perylene-d12	15.44	264	254522	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	670279	100.25	ng	0.00
7) Phenol-d6	6.49	99	826794	92.04	ng	0.00
23) Nitrobenzene-d5	7.43	82	774674	88.05	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	224523	106.29	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1369204	87.48	ng	0.00
78) Terphenyl-d14	12.97	244	1059920	74.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	170263	48.45	ng	# 28
3) Pyridine	3.20	79	464059	59.32	ng	99
4) n-Nitrosodimethylamine	3.15	42	192220	34.77	ng	99
6) Aniline	6.52	93	596677	51.09	ng	97
8) 2-Chlorophenol	6.65	128	395985	48.39	ng	82
9) Benzaldehyde	6.41	77	297670	56.35	ng	94
10) Phenol	6.50	94	489890	48.56	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	389948	50.24	ng	88
12) 1,3-Dichlorobenzene	6.80	146	395134	44.37	ng	98
13) 1,4-Dichlorobenzene	6.88	146	394749	43.03	ng	98
14) 1,2-Dichlorobenzene	7.04	146	396149	46.64	ng	98
15) Benzyl Alcohol	7.00	79	298317	45.77	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	538760	32.04	ng	94
17) 2-Methylphenol	7.12	107	324391	49.01	ng	97
18) Hexachloroethane	7.38	117	152390	44.70	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	283905	43.92	ng	91
20) 3+4-Methylphenols	7.28	107	389928	49.48	ng	# 56
22) Acetophenone	7.28	105	492521	45.09	ng	# 91
24) Nitrobenzene	7.45	77	421688	44.97	ng	91
25) Isophorone	7.69	82	703673	44.04	ng	98
26) 2-Nitrophenol	7.77	139	191424	50.05	ng	# 69
27) 2,4-Dimethylphenol	7.80	122	384592	55.49	ng	97
28) bis(2-Chloroethoxy)methane	7.91	93	472794	51.74	ng	99
29) 2,4-Dichlorophenol	8.00	162	313171	51.44	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	318938	45.92	ng	100
31) Naphthalene	8.17	128	1018053	44.52	ng	100
32) Benzoic acid	7.93	122	213459	60.48	ng	97
33) 4-Chloroaniline	8.22	127	438241	51.32	ng	98
34) Hexachlorobutadiene	8.30	225	176203	42.42	ng	98
35) Caprolactam	8.60	113	108695	59.88	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	301731	44.06	ng	96
37) 2-Methylnaphthalene	8.87	142	746904	52.01	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	271603	39.14	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	168948	69.67	ng	99

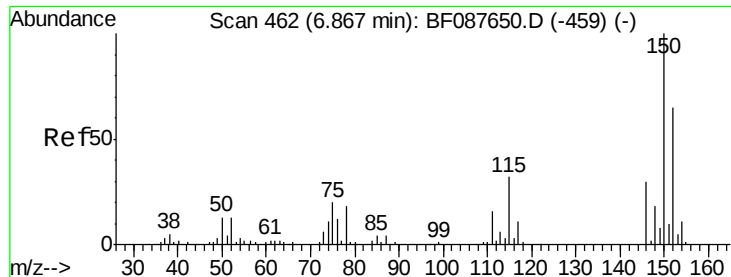
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087649.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	225476	54.61	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	226836	53.89	ng #	96
45) 1,1'-Biphenyl	9.32	154	824282	44.73	ng	98
46) 2-Chloronaphthalene	9.35	162	647151	45.94	ng	99
47) 2-Nitroaniline	9.44	65	194929	39.69	ng	96
48) Acenaphthylene	9.77	152	1132169	50.33	ng	99
49) Dimethylphthalate	9.63	163	698343	39.68	ng	99
50) 2,6-Dinitrotoluene	9.69	165	179823	49.57	ng #	72
51) Acenaphthene	9.94	154	704916	50.38	ng	99
52) 3-Nitroaniline	9.86	138	221961	60.60	ng #	75
53) 2,4-Dinitrophenol	9.95	184	73228	48.45	ng #	81
54) Dibenzofuran	10.11	168	985227	51.76	ng	94
55) 4-Nitrophenol	10.01	139	193529	99.00	ng #	74
56) 2,4-Dinitrotoluene	10.09	165	238385	49.65	ng #	73
57) Fluorene	10.46	166	726972	45.60	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	185556	57.64	ng #	55
59) Diethylphthalate	10.33	149	731879	42.91	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	273378	35.55	ng	94
61) 4-Nitroaniline	10.47	138	184016	52.44	ng	94
62) Azobenzene	10.60	77	787996	45.30	ng	97
64) 4,6-Dinitro-2-methylphenol	10.50	198	109090	45.35	ng #	48
65) n-Nitrosodiphenylamine	10.57	169	660696	52.09	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	200436	46.62	ng #	93
67) Hexachlorobenzene	10.99	284	199191	44.71	ng	95
68) Atrazine	11.10	200	214687	53.05	ng	94
69) Pentachlorophenol	11.19	266	139688	96.47	ng	99
70) Phenanthrene	11.42	178	1034524	47.92	ng	99
71) Anthracene	11.46	178	996049	44.85	ng	100
72) Carbazole	11.61	167	931797	49.42	ng	100
73) Di-n-butylphthalate	11.95	149	1025312	42.70	ng	99
74) Fluoranthene	12.59	202	997333	45.73	ng	98
76) Benzidine	12.72	184	643818	71.82	ng	100
77) Pyrene	12.82	202	1011701	44.86	ng	99
79) Butylbenzylphthalate	13.45	149	490151	49.23	ng	96
80) Benzo(a)anthracene	14.01	228	842216	47.08	ng	100
81) 3,3'-Dichlorobenzidine	13.98	252	285523	30.74	ng #	97
82) Chrysene	14.05	228	797237	44.74	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	545854	38.44	ng	99
84) Di-n-octyl phthalate	14.63	149	1032696	47.10	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	734167	51.37	ng #	100
87) Benzo(h)fluoranthene	15.04	252	797744	49.41	ng	98
88) Benzo(k)fluoranthene	15.04	252	797744	56.48	ng #	96
89) Benzo(a)pyrene	15.38	252	692655	49.15	ng	99
90) Dibenzo(a,h)anthracene	16.86	278	606544	50.72	ng	99
91) Benzo(g,h,i)perylene	17.27	276	618870	52.28	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

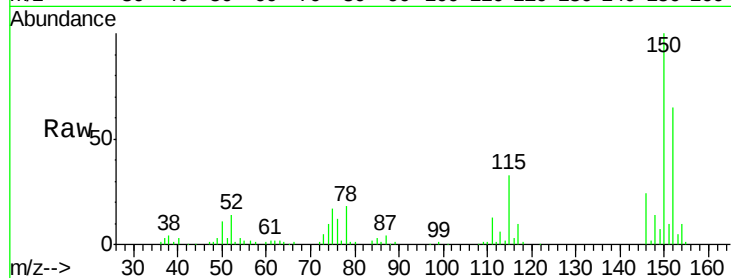
Tgt Ion:152 Resp: 116201

Ion Ratio Lower Upper

152 100

150 155.0 123.8 185.6

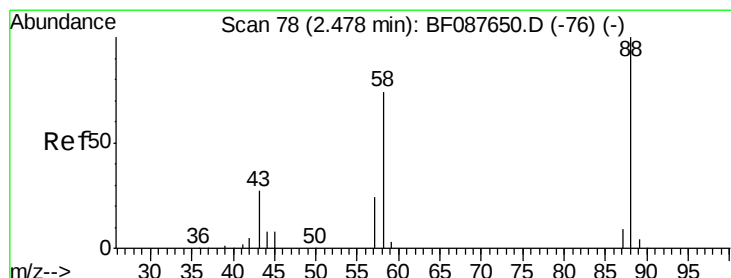
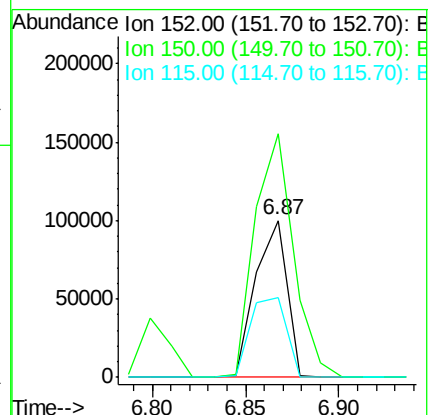
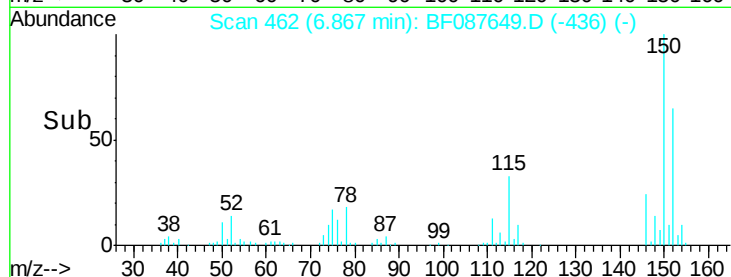
115 51.1 39.6 59.4



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: 48.45 ng

RT: 2.48 min Scan# 78

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

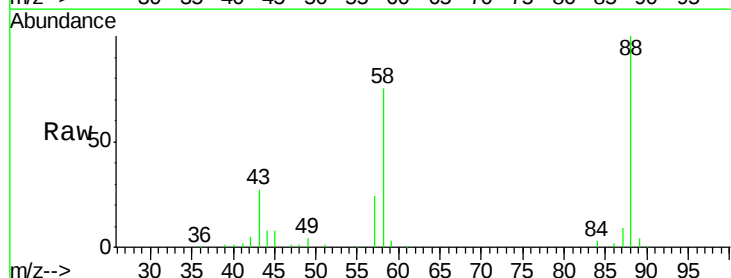
Tgt Ion: 88 Resp: 170263

Ion Ratio Lower Upper

88 100

58 76.0 0.0 0.0#

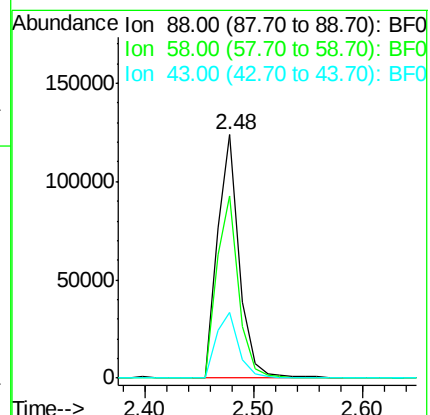
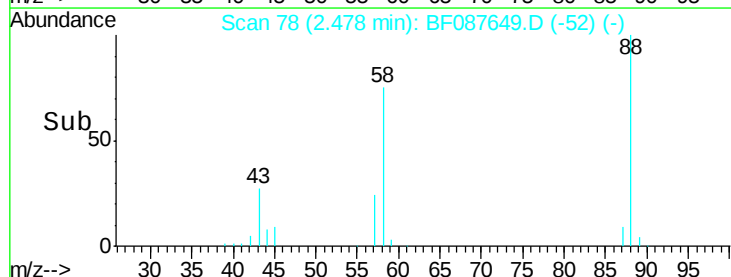
43 27.9 3.4 5.2#

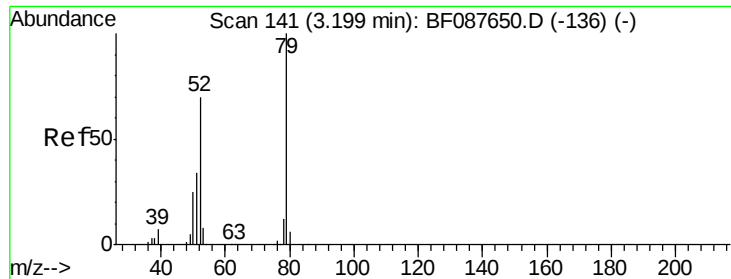


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 59.32 ng

RT: 3.20 min Scan# 141

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

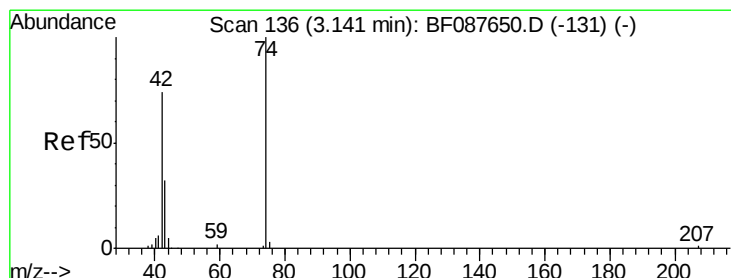
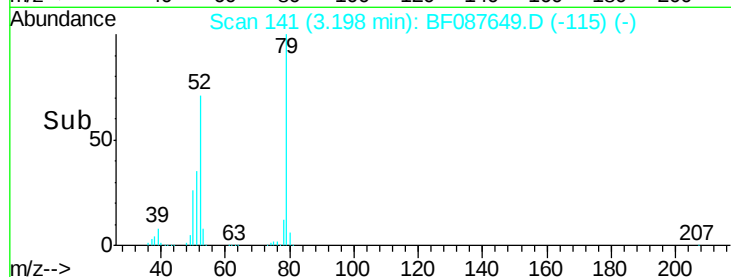
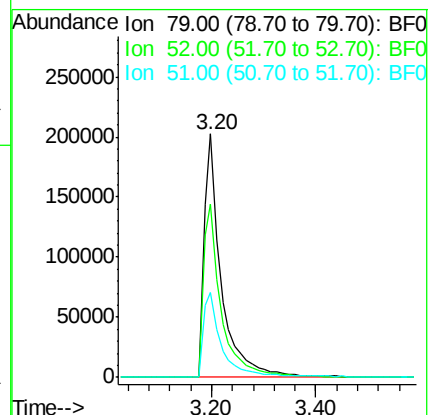
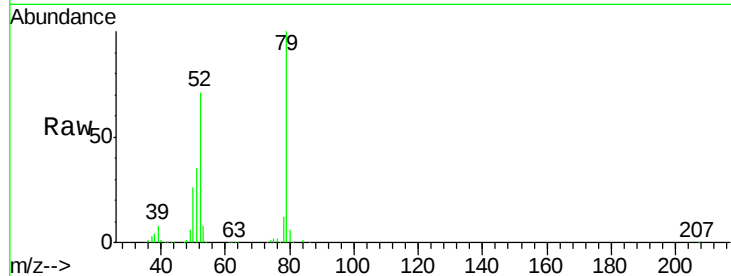
Tgt Ion: 79 Resp: 464059

Ion Ratio Lower Upper

79 100

52 71.3 56.3 84.5

51 35.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 34.77 ng

RT: 3.15 min Scan# 137

Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

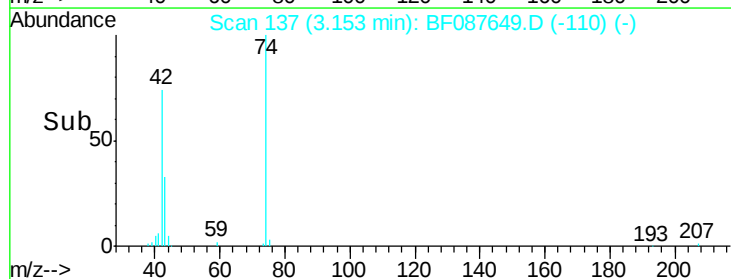
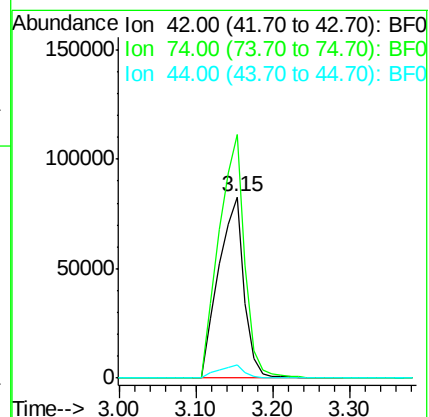
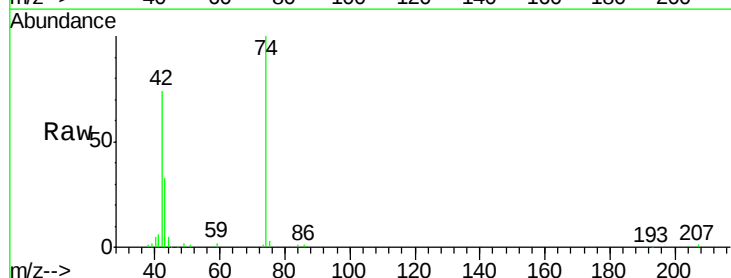
Tgt Ion: 42 Resp: 192220

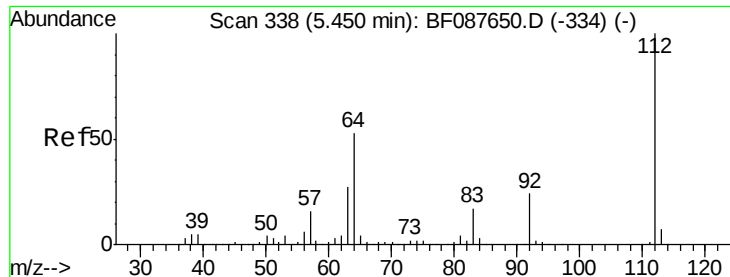
Ion Ratio Lower Upper

42 100

74 134.6 108.6 163.0

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 100.25 ng

RT: 5.45 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

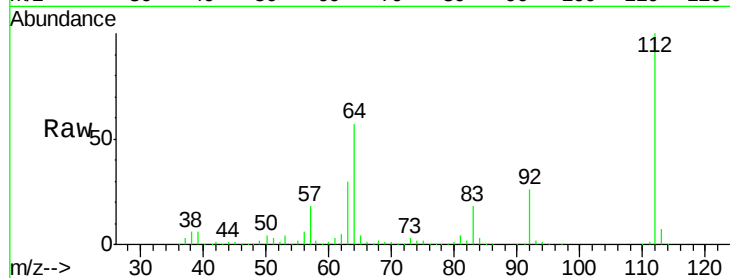
Tgt Ion: 112 Resp: 670279

Ion Ratio Lower Upper

112 100

64 57.1 42.2 63.2

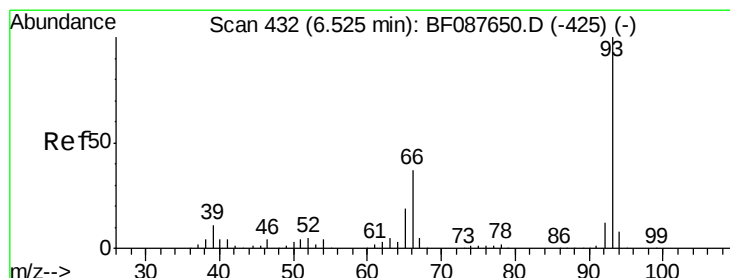
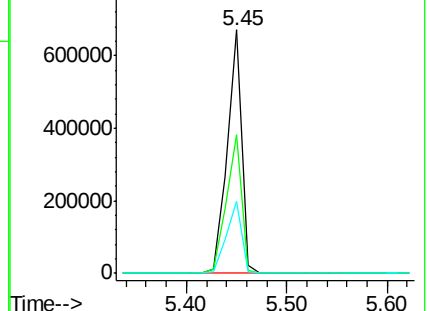
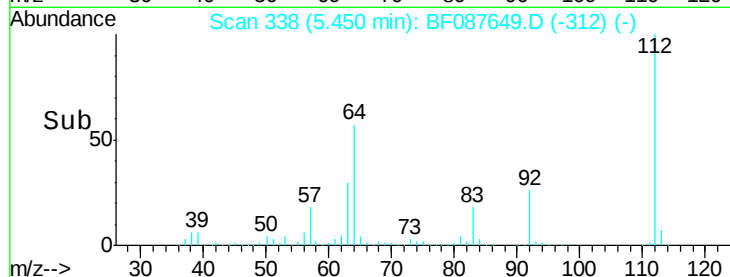
63 29.9 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 51.09 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

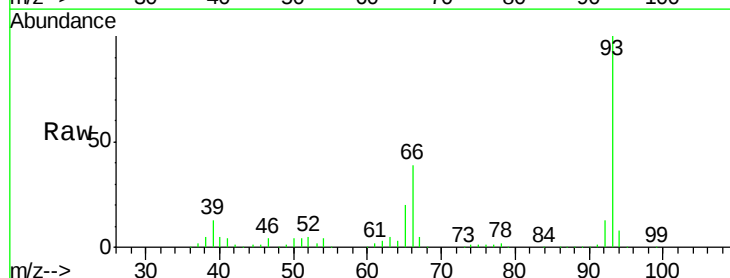
Tgt Ion: 93 Resp: 596677

Ion Ratio Lower Upper

93 100

66 39.1 29.8 44.8

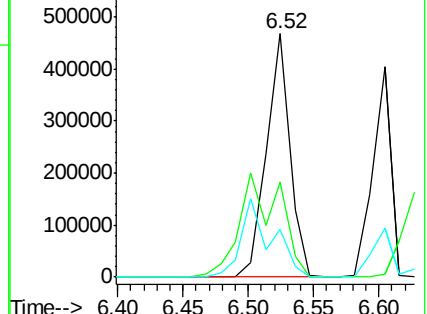
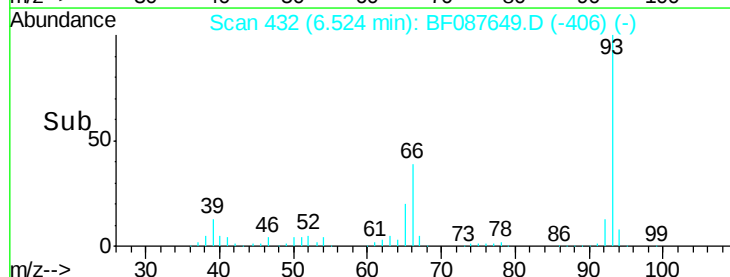
65 19.7 14.9 22.3

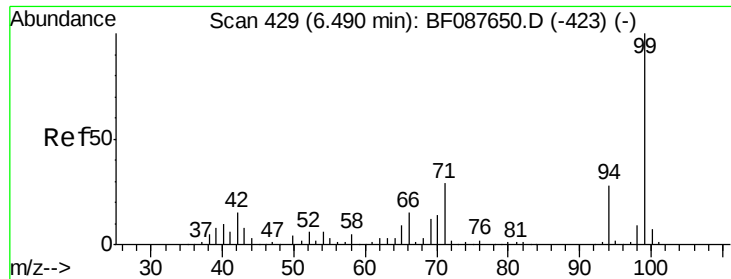


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 92.04 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

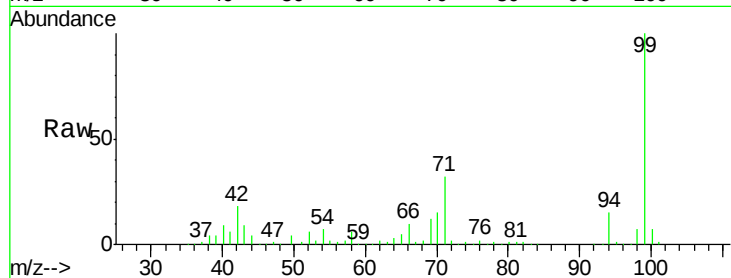
Tgt Ion: 99 Resp: 826794

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

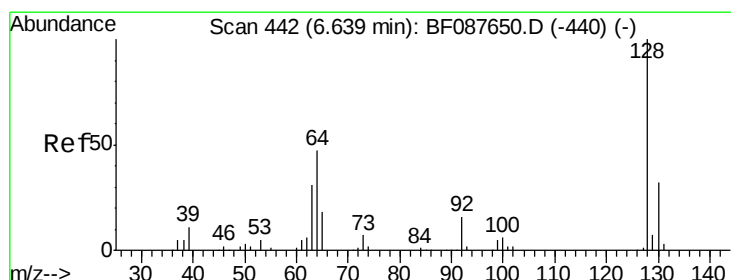
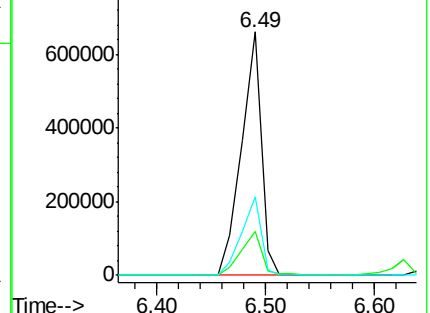
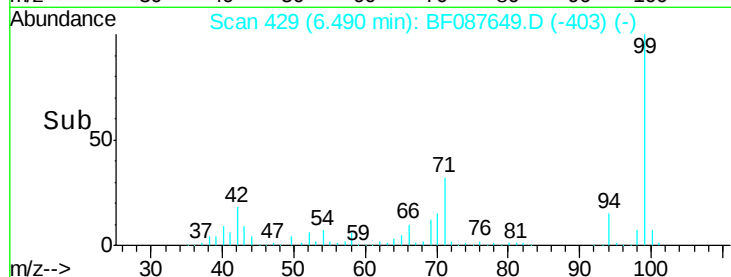
71 32.4 23.4 35.0



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: 48.39 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

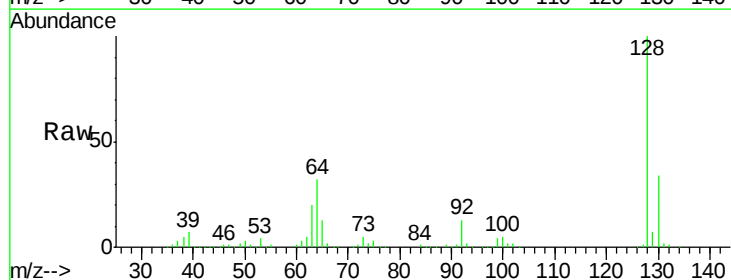
Tgt Ion: 128 Resp: 395985

Ion Ratio Lower Upper

128 100

130 33.7 12.0 52.0

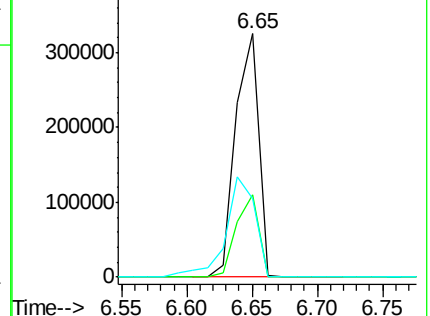
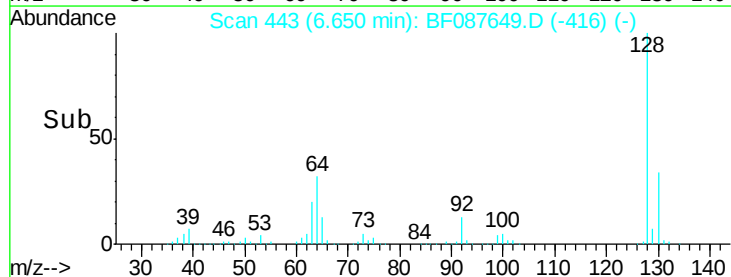
64 32.1 30.8 70.8

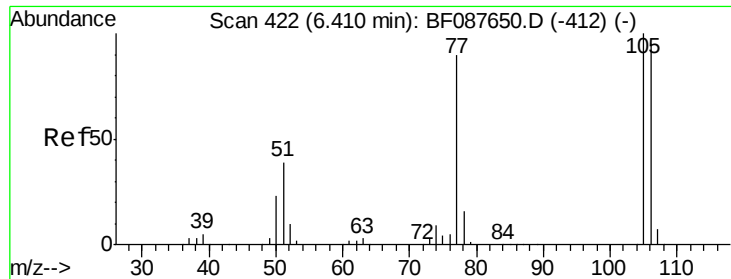


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 56.35 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

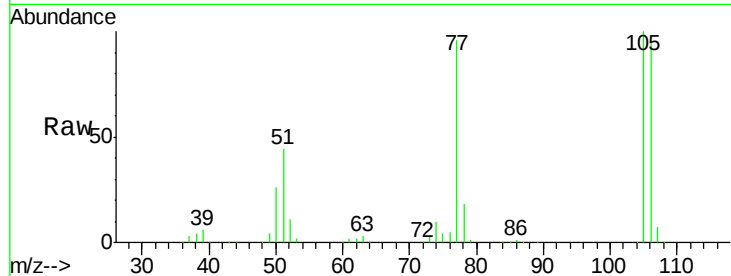
Tgt Ion: 77 Resp: 297670

Ion Ratio Lower Upper

77 100

105 104.5 90.6 130.6

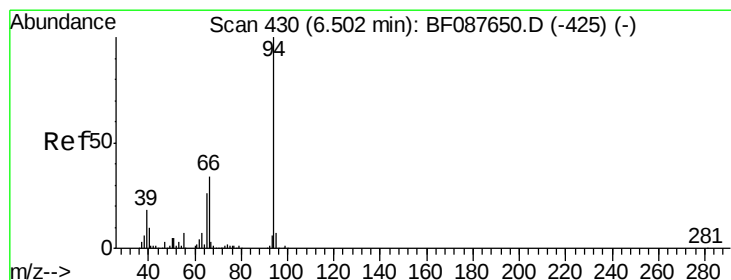
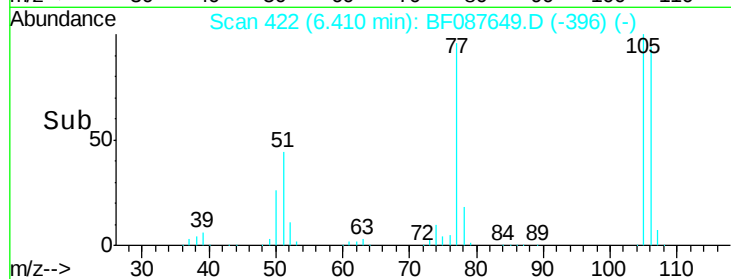
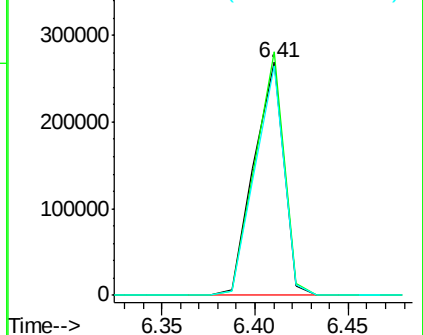
106 98.5 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 48.56 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

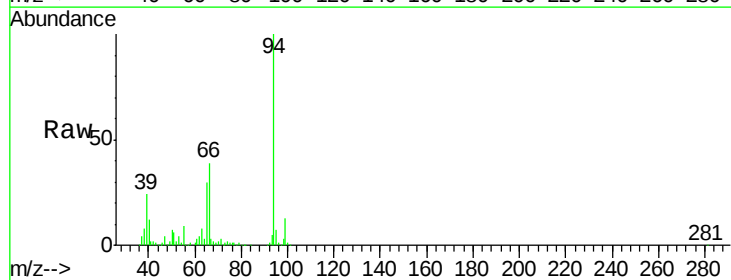
Tgt Ion: 94 Resp: 489890

Ion Ratio Lower Upper

94 100

65 29.6 5.9 45.9

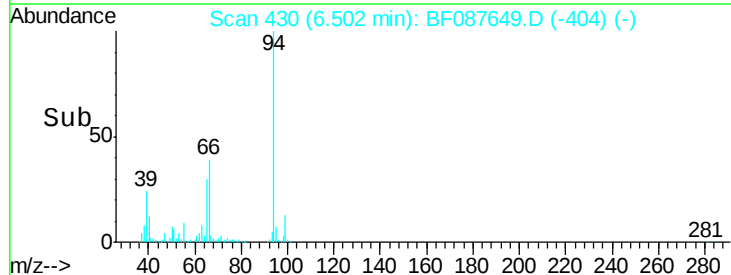
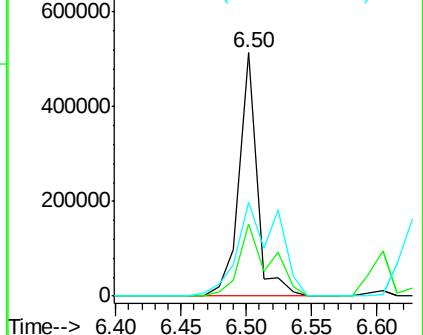
66 38.8 14.0 54.0

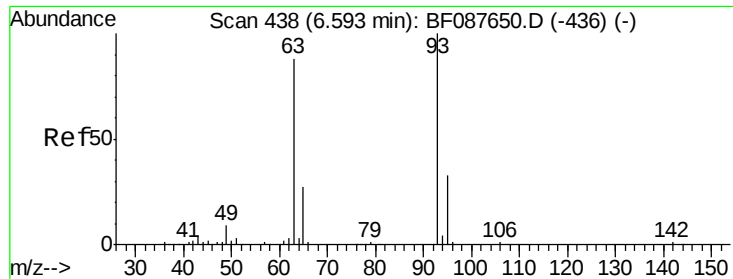


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

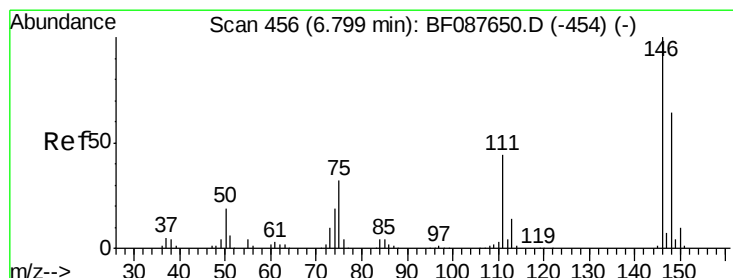
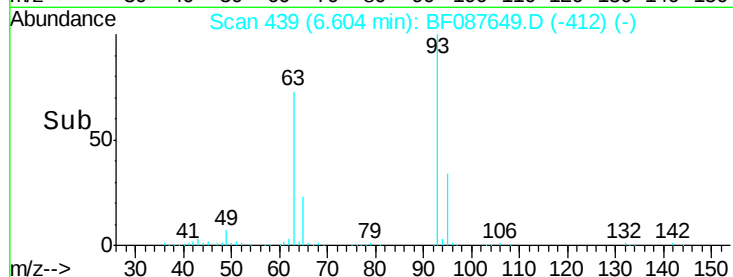
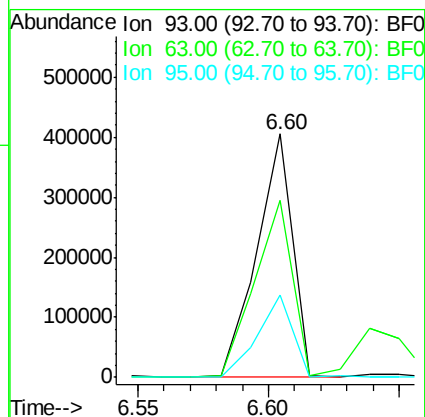
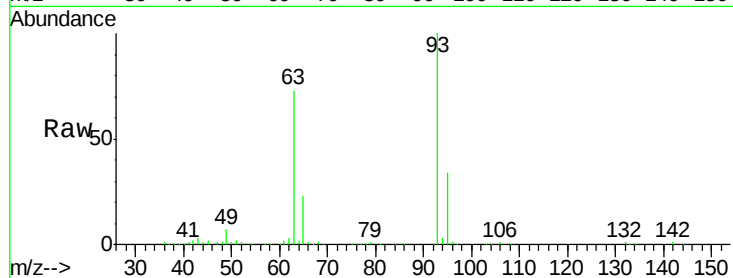




#11
bis(2-Chloroethyl)ether
Concen: 50.24 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

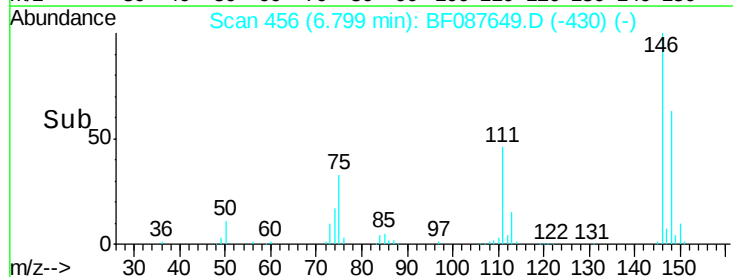
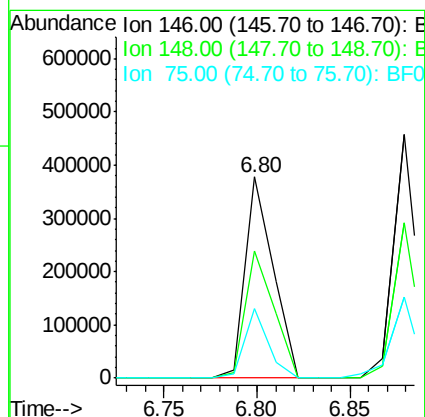
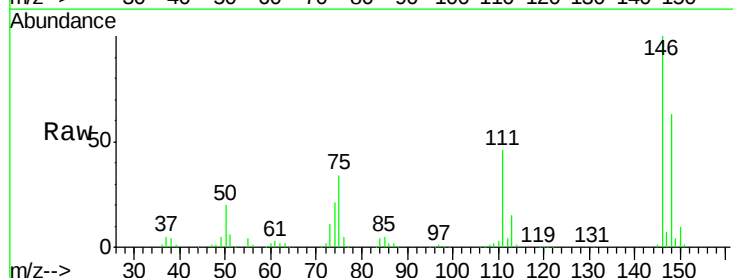
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

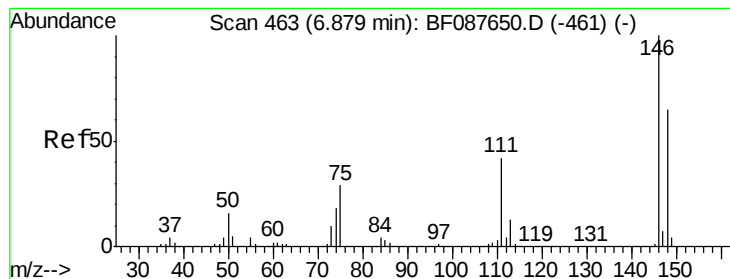
Tgt Ion: 93 Resp: 389948
Ion Ratio Lower Upper
93 100
63 72.7 67.6 107.6
95 33.6 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 44.37 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion: 146 Resp: 395134
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
75 34.4 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 43.03 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

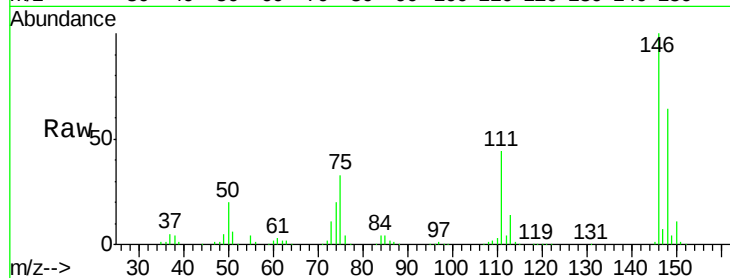
Tgt Ion:146 Resp: 394749

Ion Ratio Lower Upper

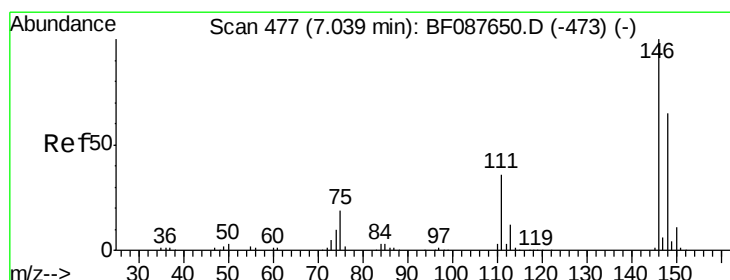
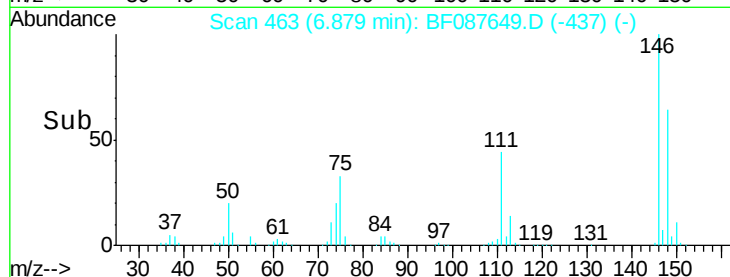
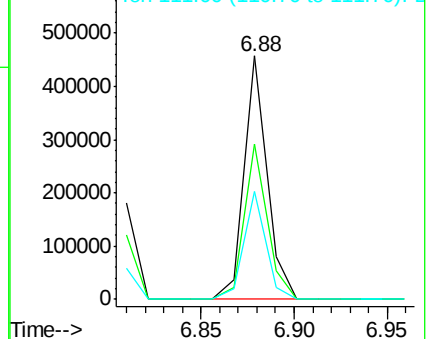
146 100

148 63.8 52.0 78.0

111 44.1 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.64 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

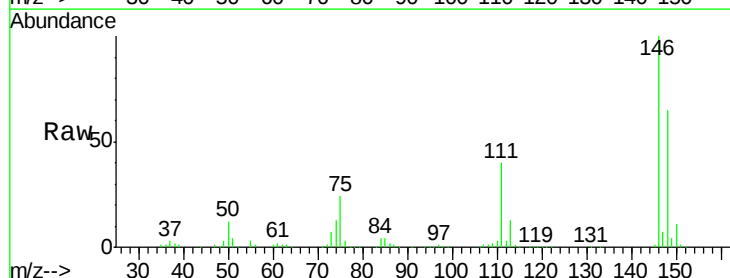
Tgt Ion:146 Resp: 396149

Ion Ratio Lower Upper

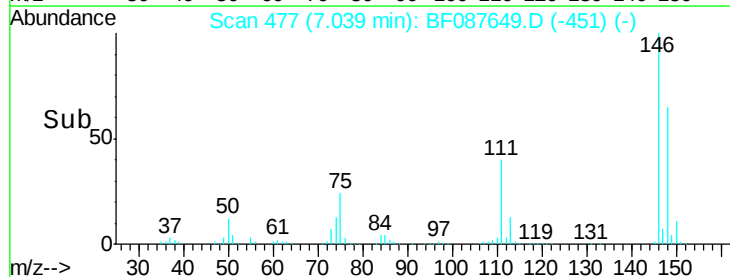
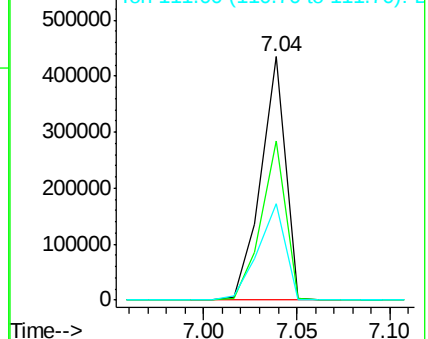
146 100

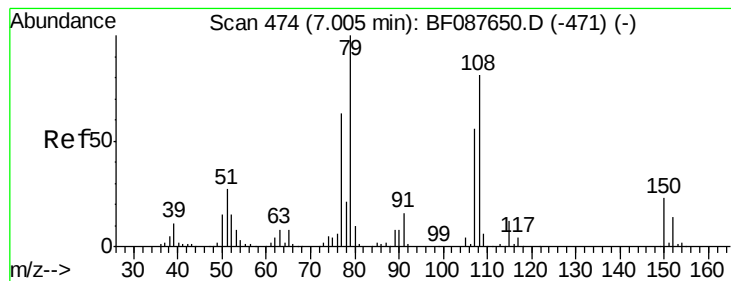
148 65.4 52.3 78.5

111 39.7 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.77 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

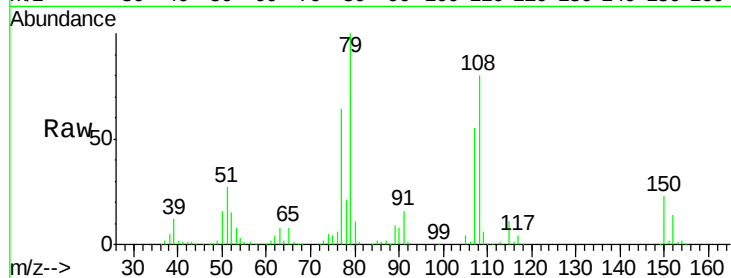
Tgt Ion: 79 Resp: 298317

Ion Ratio Lower Upper

79 100

108 80.1 65.0 97.6

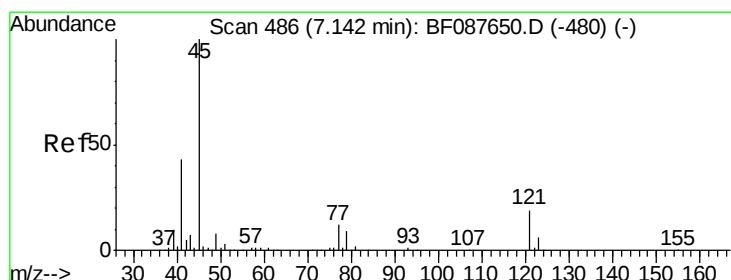
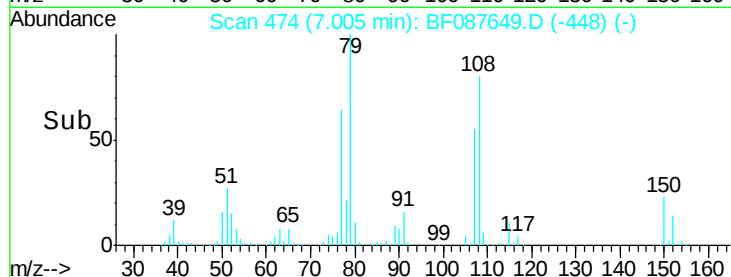
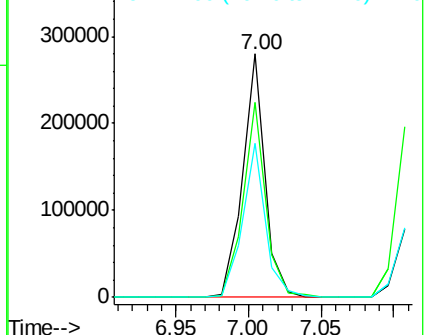
77 63.5 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.04 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

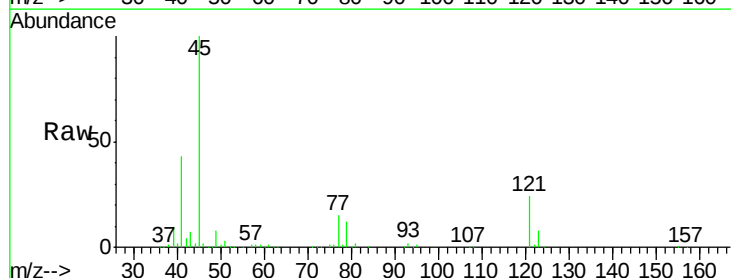
Tgt Ion: 45 Resp: 538760

Ion Ratio Lower Upper

45 100

77 14.7 0.0 32.5

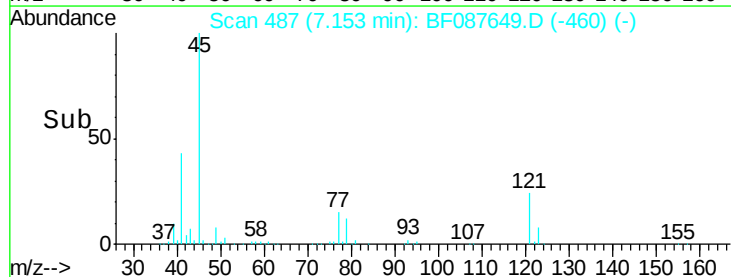
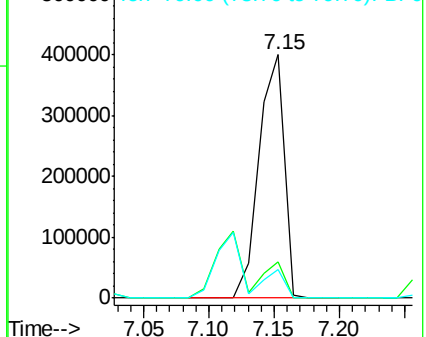
79 11.6 0.0 29.5

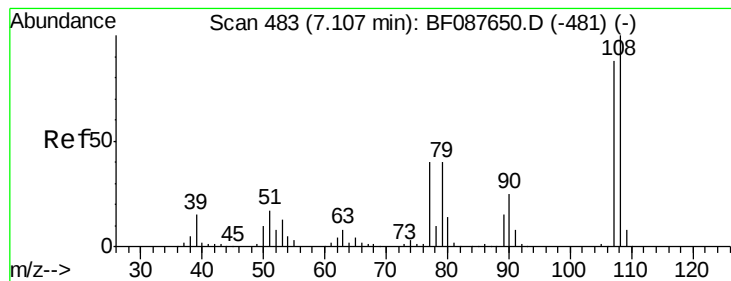


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

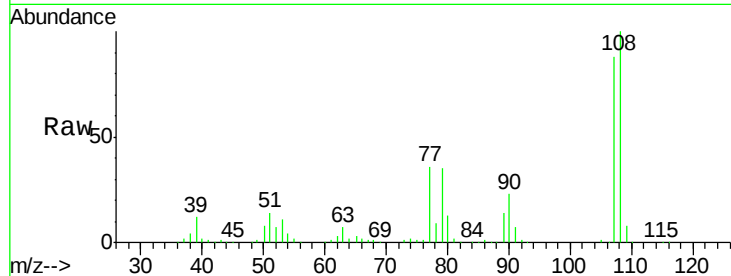




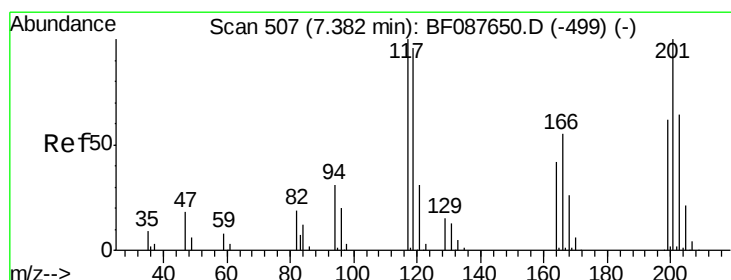
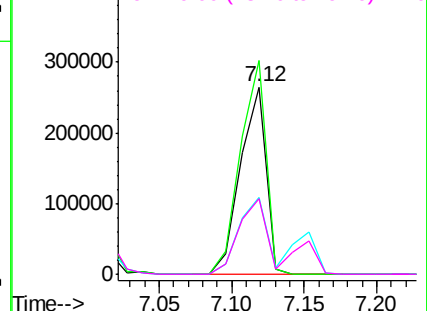
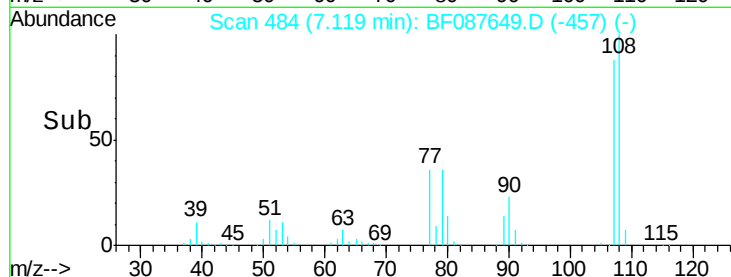
#17
2-Methylphenol
Concen: 49.01 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:107 Resp: 324391
Ion Ratio Lower Upper
107 100
108 114.0 90.9 136.3
77 41.3 36.6 55.0
79 40.4 36.5 54.7

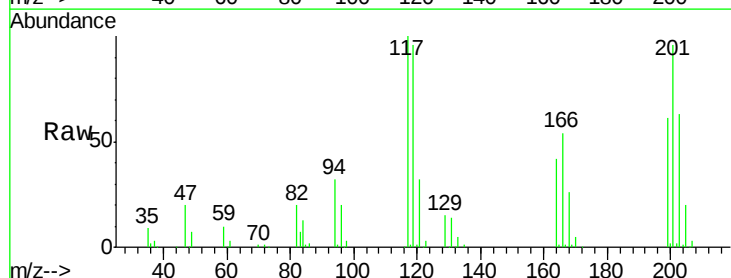


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

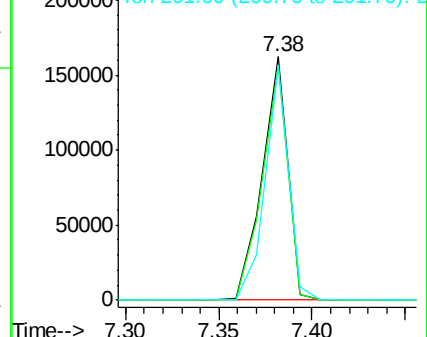
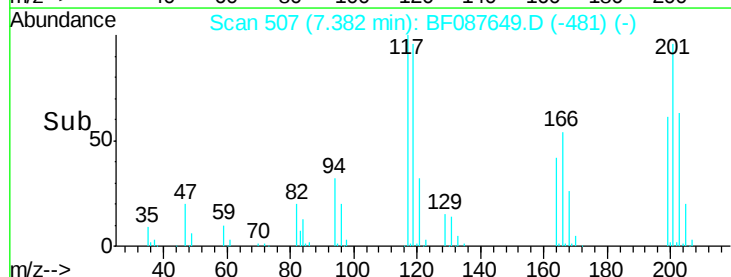


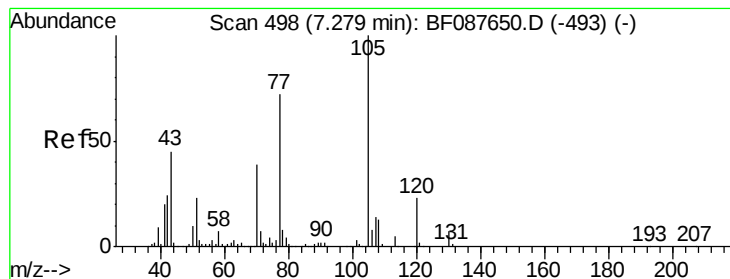
#18
Hexachloroethane
Concen: 44.70 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion:117 Resp: 152390
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.2
201 96.1 80.4 120.6



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





#19

n-Nitroso-di-n-propylamine

Concen: 43.92 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 70 Resp: 283905

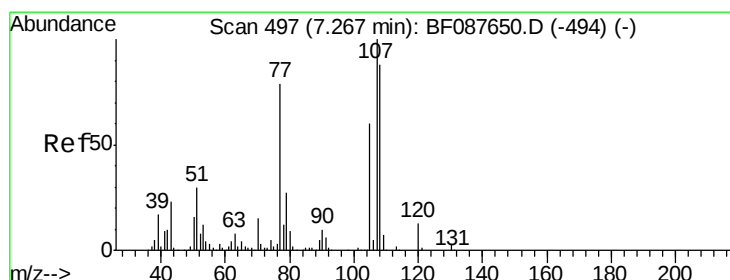
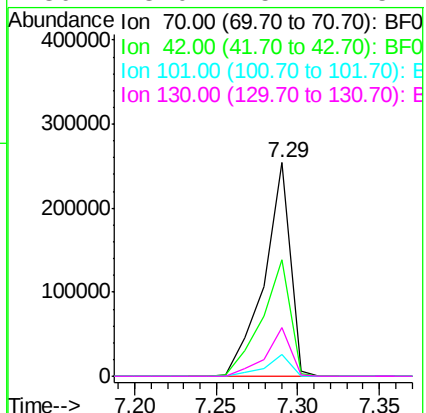
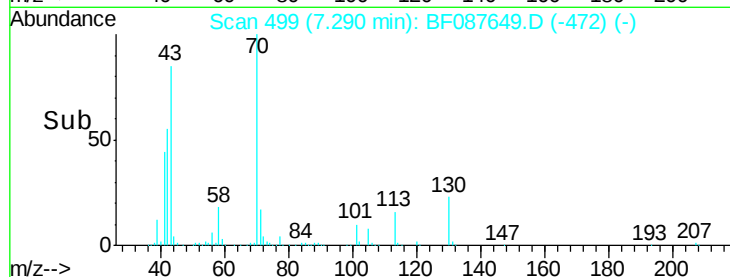
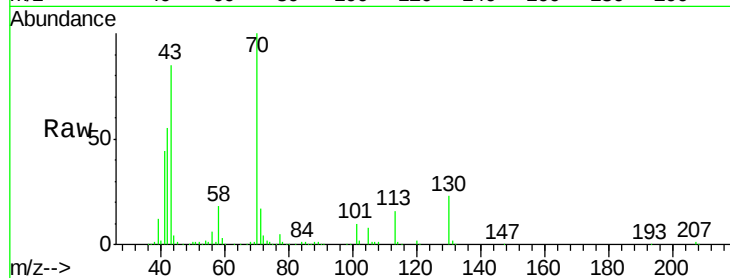
Ion Ratio Lower Upper

70 100

42 54.6 49.6 74.4

101 10.0 7.1 10.7

130 23.0 15.4 23.2



#20

3+4-Methylphenols

Concen: 49.48 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion: 107 Resp: 389928

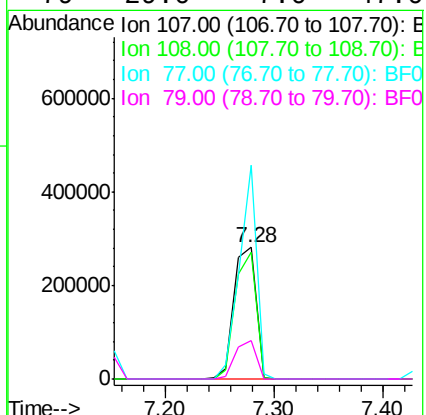
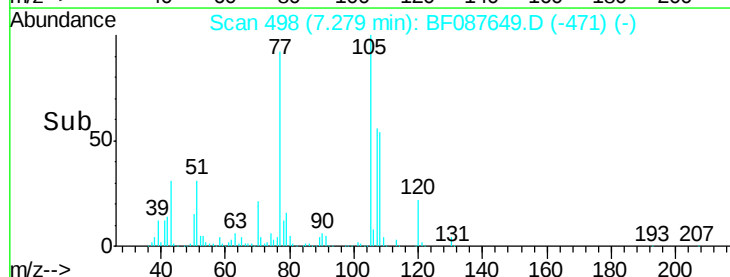
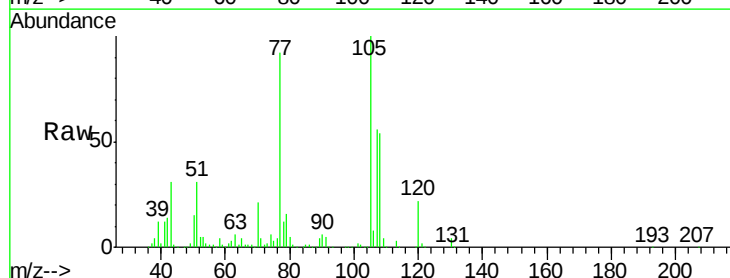
Ion Ratio Lower Upper

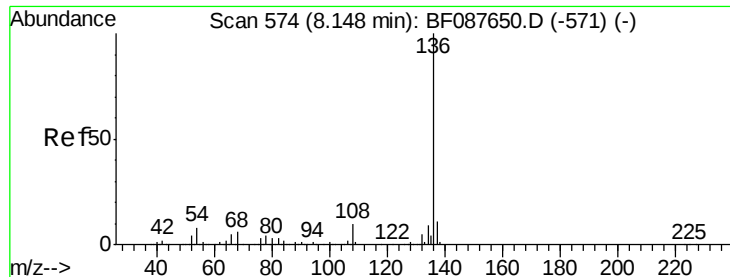
107 100

108 96.4 67.8 107.8

77 162.7 59.3 99.3#

79 29.0 7.0 47.0

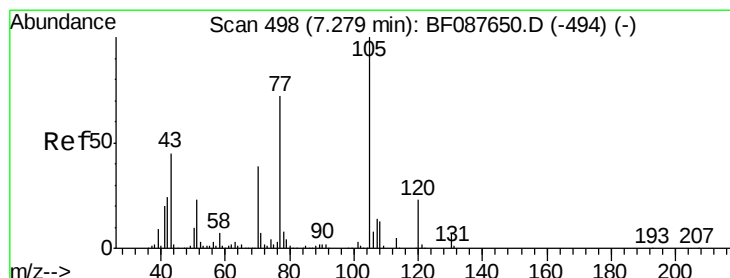
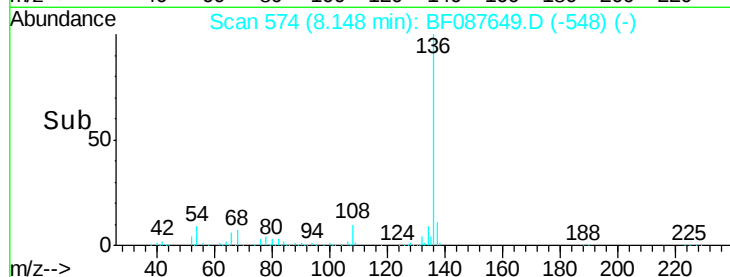
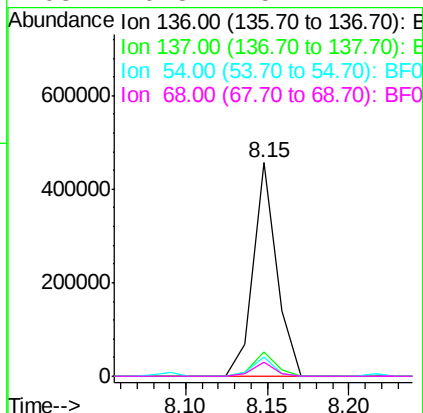
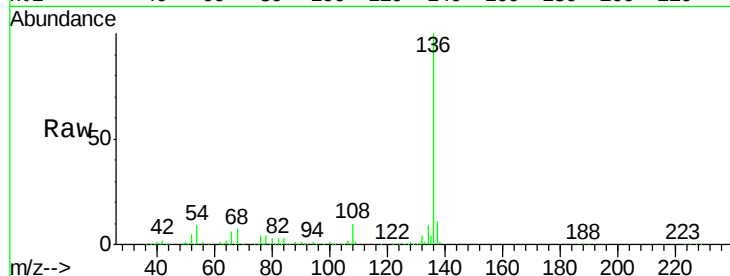




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

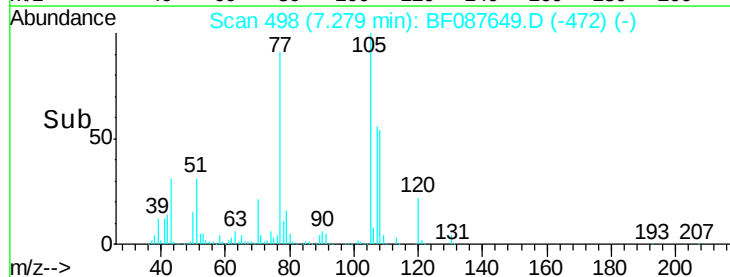
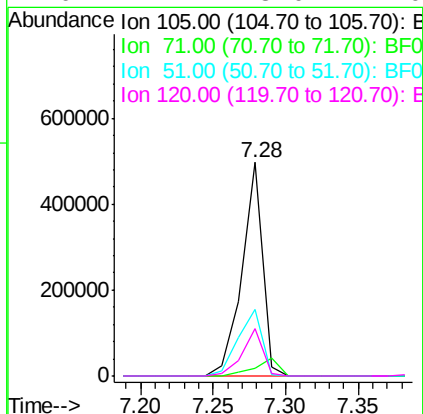
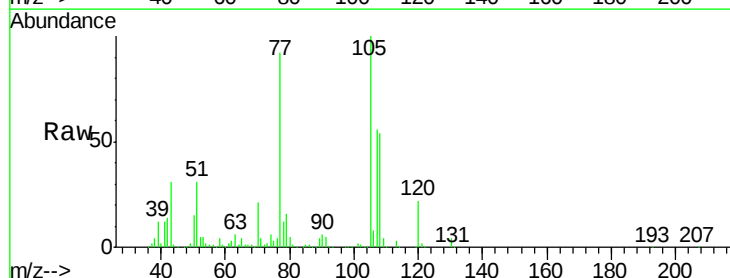
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

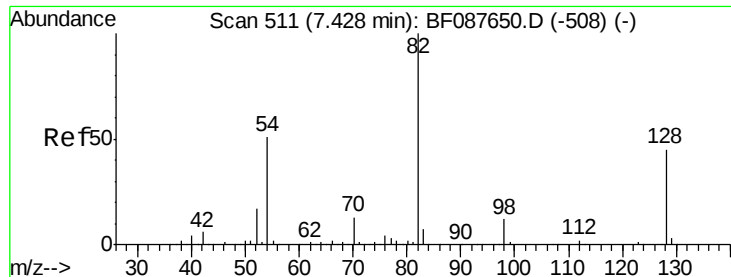
Tgt Ion:	136	Resp:	457754
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.9	6.6	10.0
68	6.8	5.1	7.7



#22
Acetophenone
Concen: 45.09 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion:	105	Resp:	492521
Ion	Ratio	Lower	Upper
105	100		
71	3.6	5.3	7.9#
51	31.4	18.2	27.4#
120	22.2	18.0	27.0

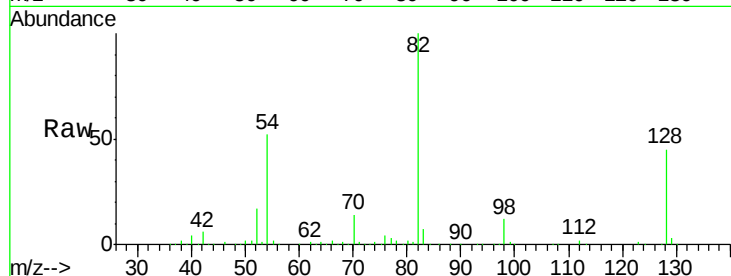




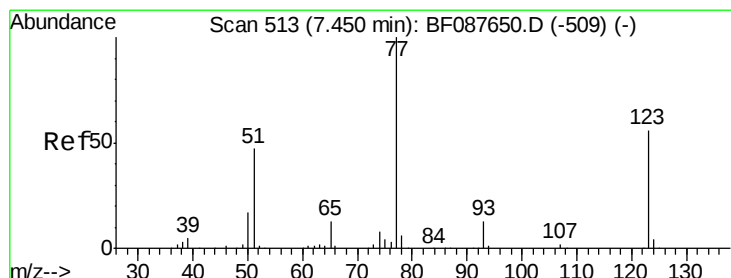
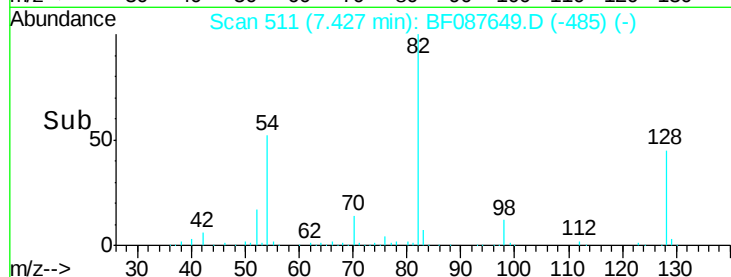
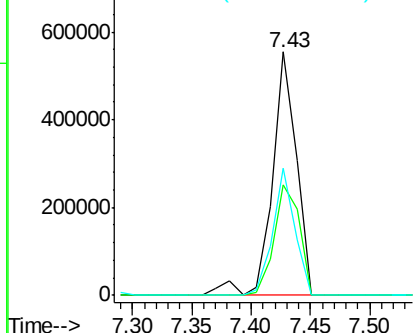
#23
 Nitrobenzene-d5
 Concen: 88.05 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 82 Resp: 774674
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.9 53.9
 54 52.3 40.9 61.3

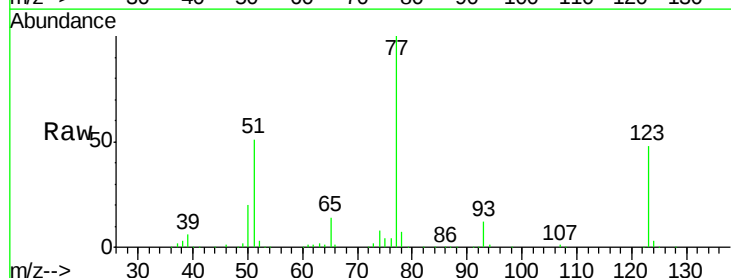


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

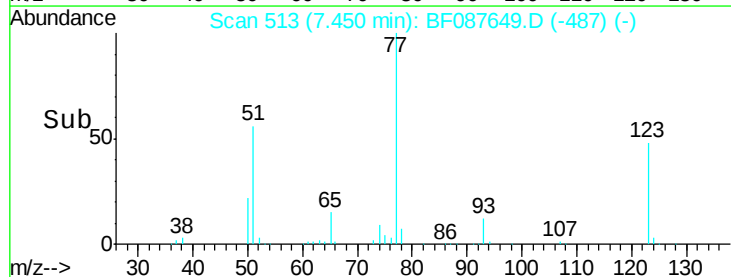
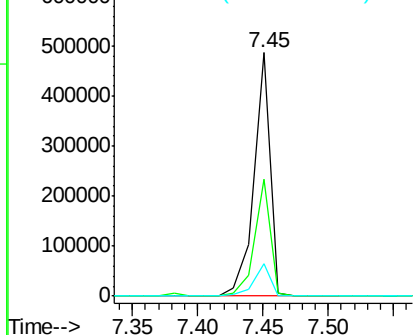


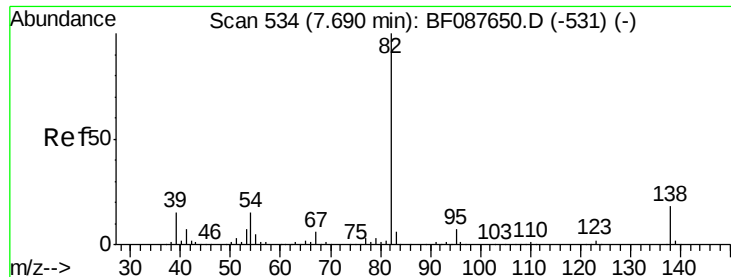
#24
 Nitrobenzene
 Concen: 44.97 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion: 77 Resp: 421688
 Ion Ratio Lower Upper
 77 100
 123 48.2 45.0 67.4
 65 13.5 10.2 15.2



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





#25

Isophorone

Concen: 44.04 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

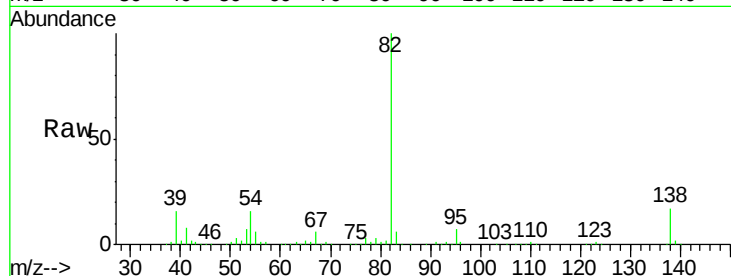
Tgt Ion: 82 Resp: 703673

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

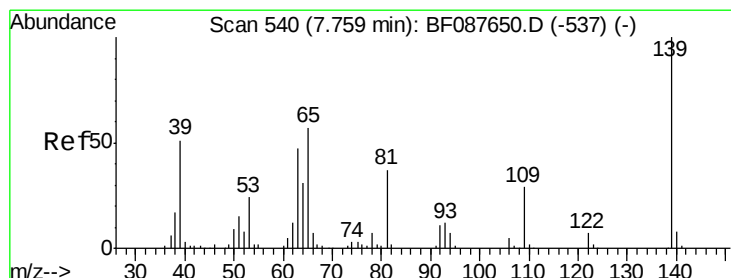
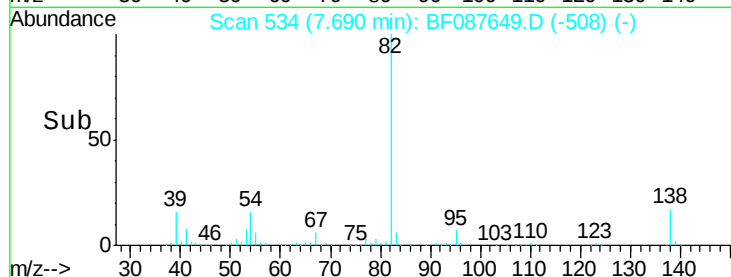
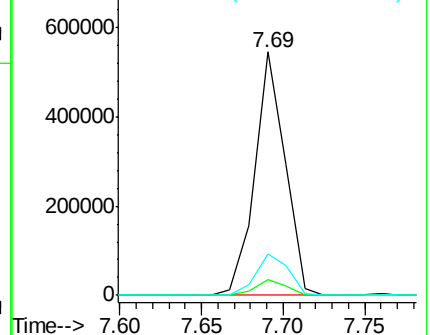
138 17.0 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.05 ng

RT: 7.77 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

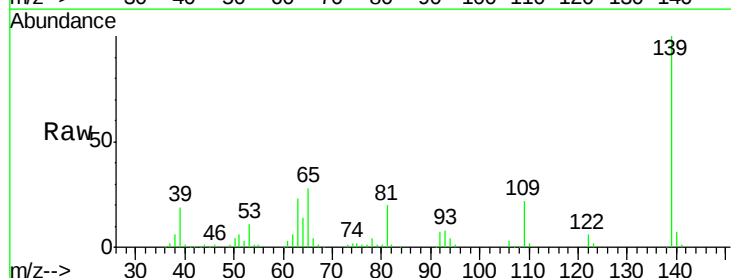
Tgt Ion: 139 Resp: 191424

Ion Ratio Lower Upper

139 100

109 21.8 23.0 34.4#

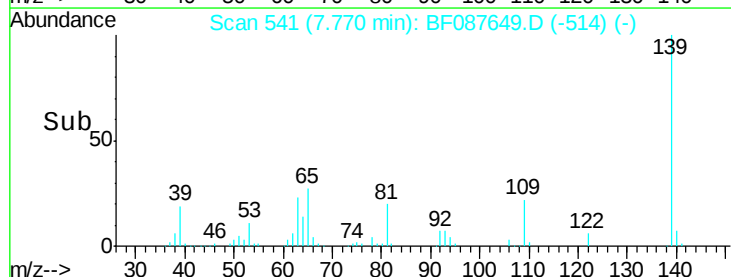
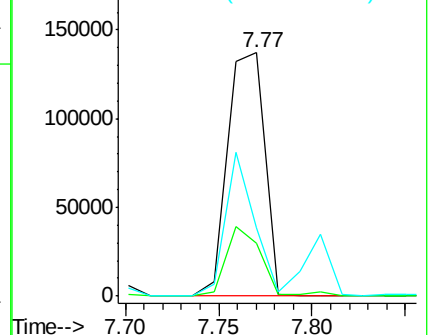
65 27.8 45.8 68.8#

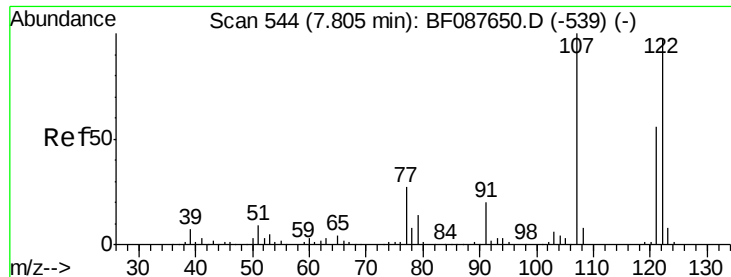


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

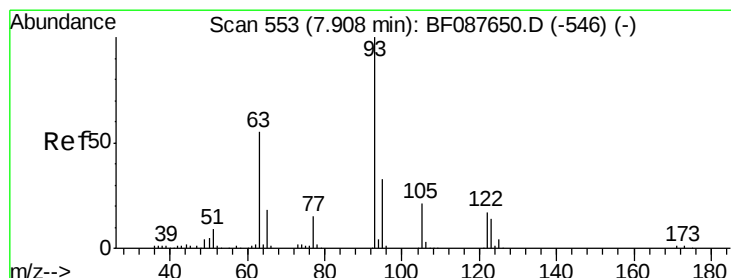
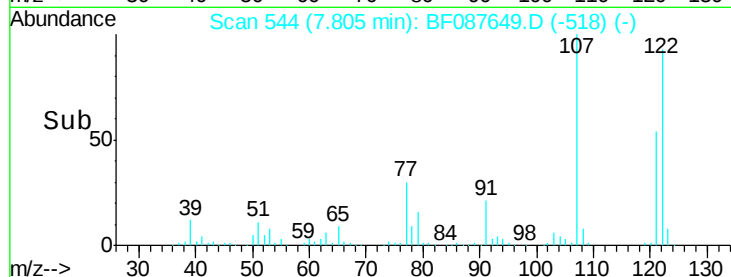
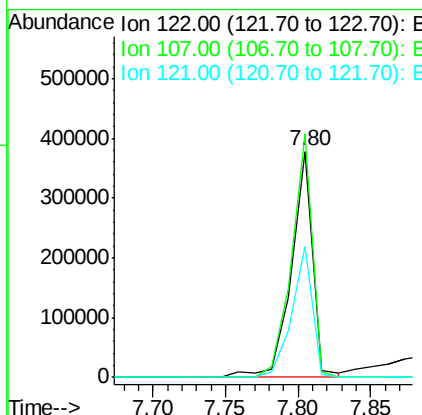
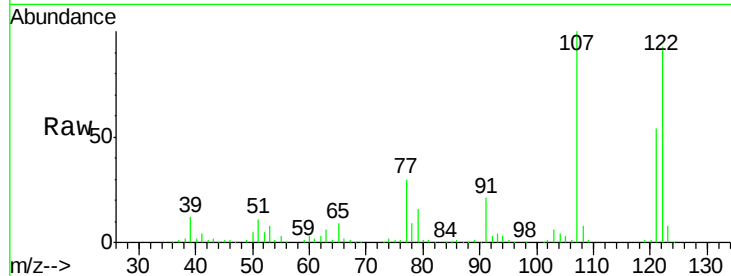




#27
 2,4-Dimethylphenol
 Concen: 55.49 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

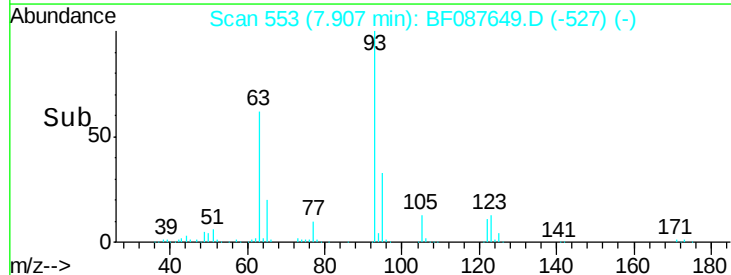
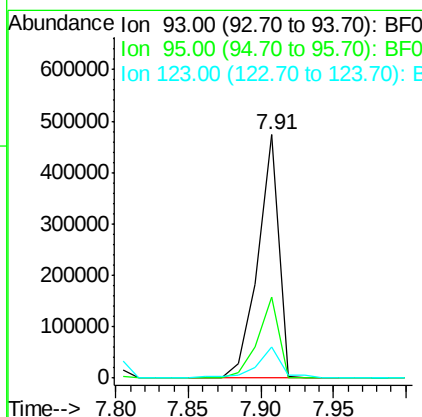
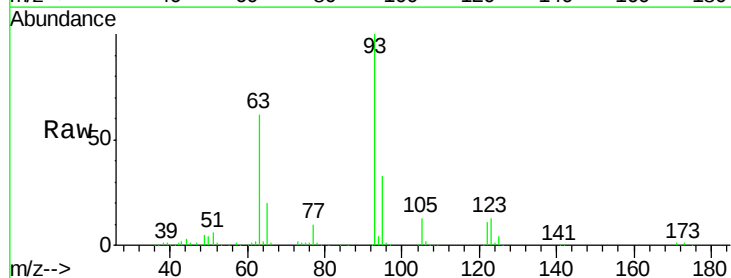
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

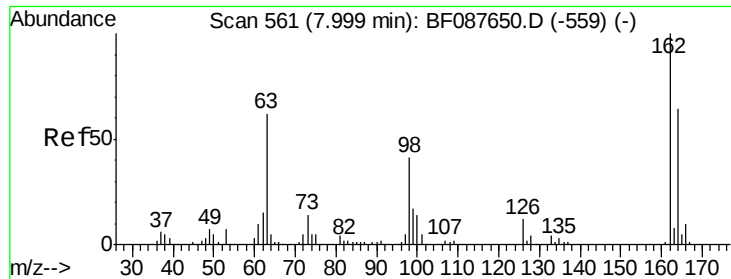
Tgt Ion: 122 Resp: 384592
 Ion Ratio Lower Upper
 122 100
 107 107.9 82.4 123.6
 121 58.1 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.74 ng
 RT: 7.91 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion: 93 Resp: 472794
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 13.0 11.6 17.4

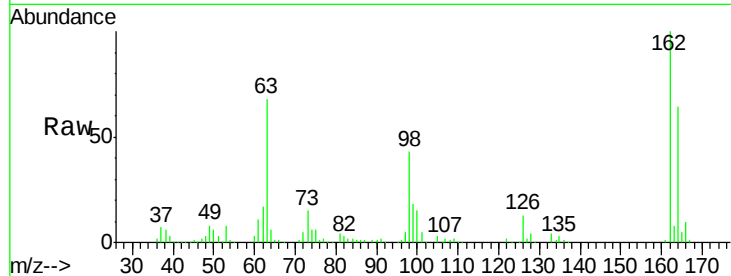




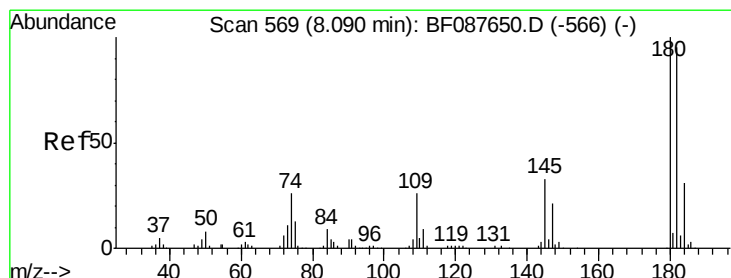
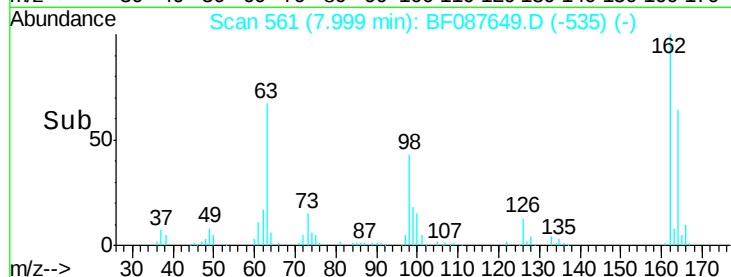
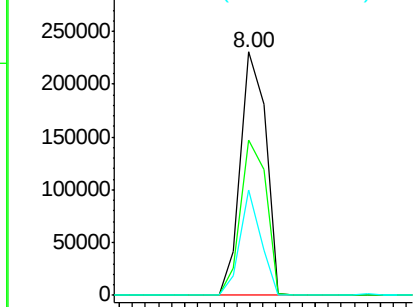
#29
 2,4-Dichlorophenol
 Concen: 51.44 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	43.8	83.8
98	43.3	21.3	61.3

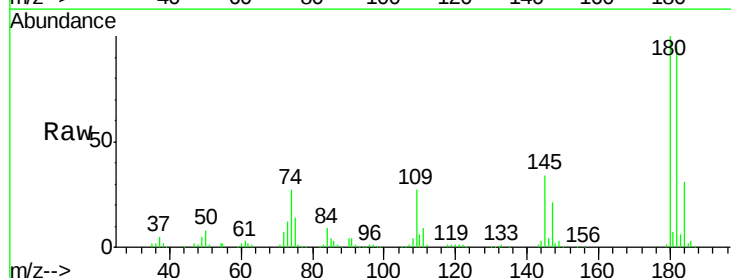


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

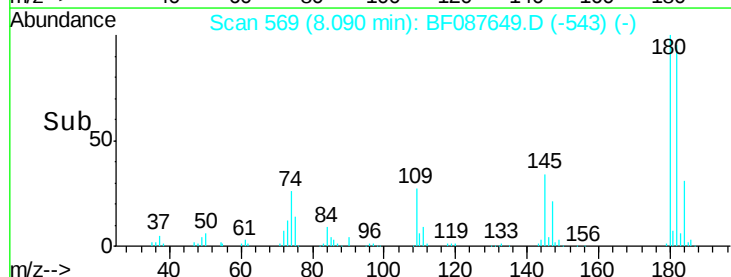
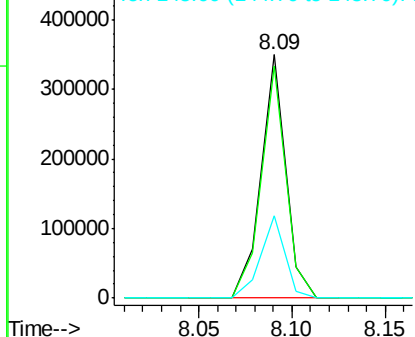


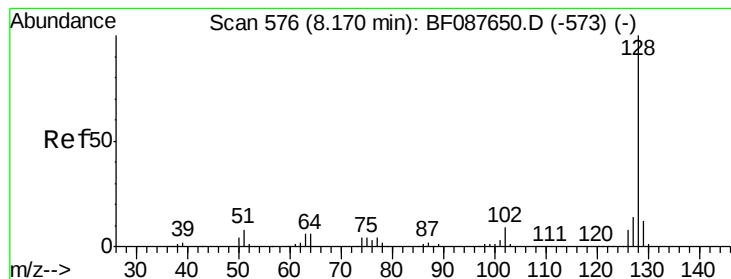
#30
 1,2,4-Trichlorobenzene
 Concen: 45.92 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.0	114.0
145	33.8	26.5	39.7



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





#31

Naphthalene

Concen: 44.52 ng

RT: 8.17 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

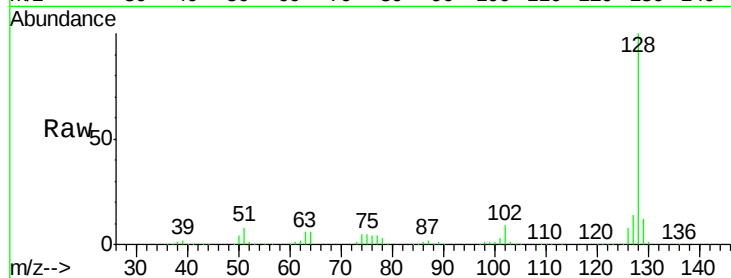
Tgt Ion:128 Resp: 1018053

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.2

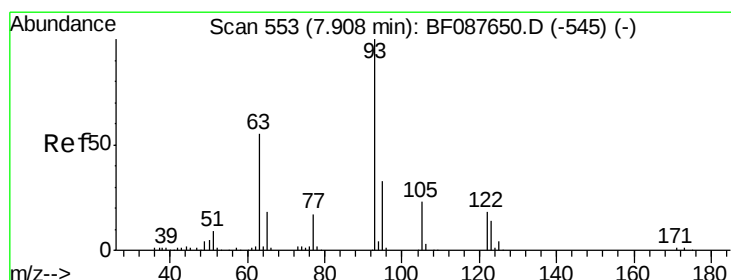
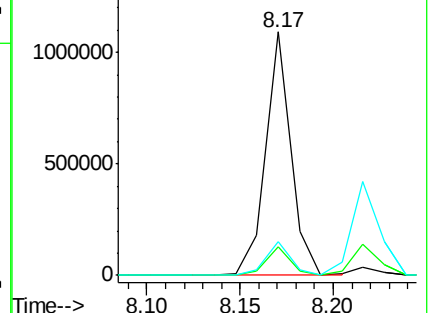
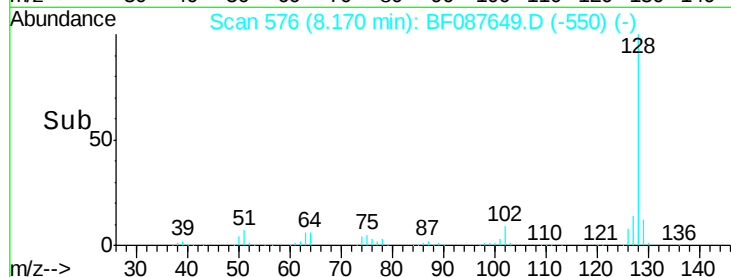
127 13.6 10.9 16.3



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: 60.48 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.02 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

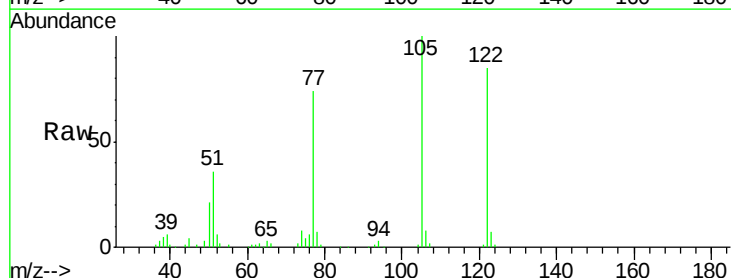
Tgt Ion:122 Resp: 213459

Ion Ratio Lower Upper

122 100

105 117.6 101.6 141.6

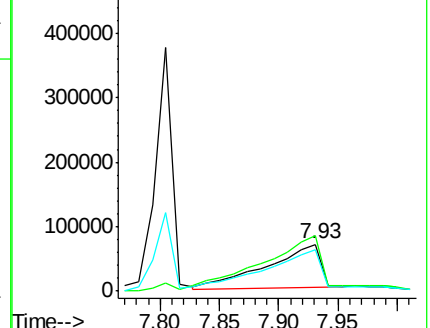
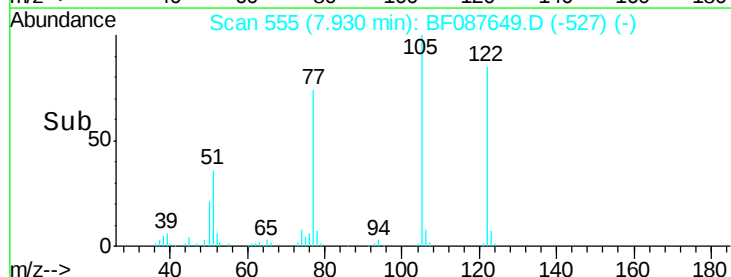
77 87.4 70.6 110.6

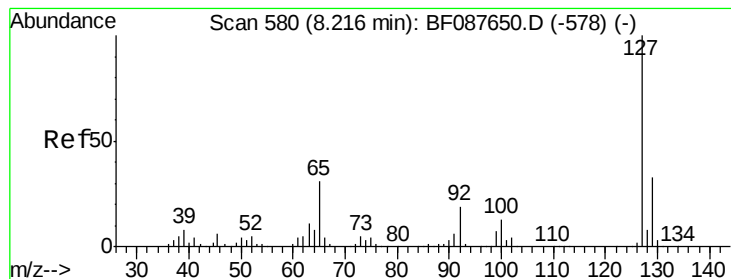


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 51.32 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:127 Resp: 438241

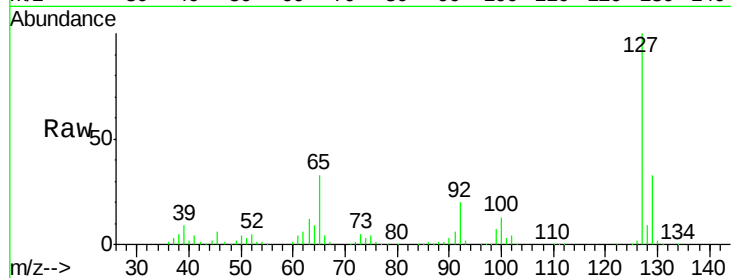
Ion Ratio Lower Upper

127 100

129 32.8 26.3 39.5

65 32.6 24.7 37.1

92 19.9 15.4 23.0

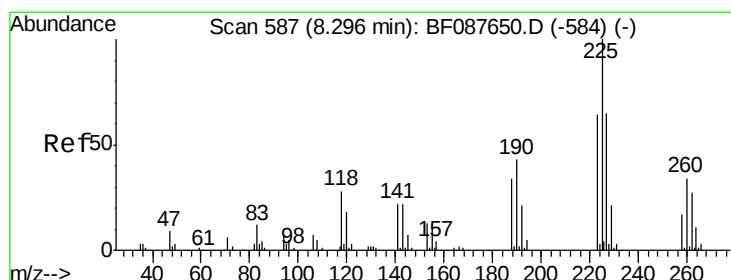
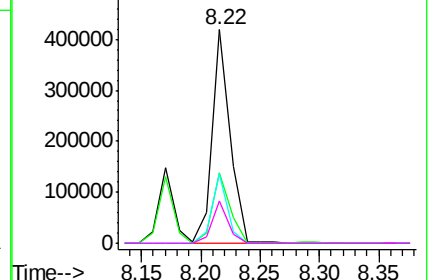
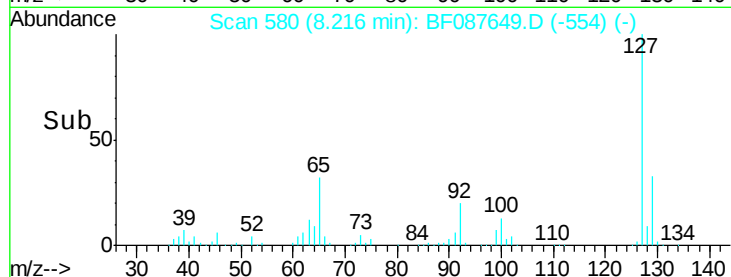


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.42 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

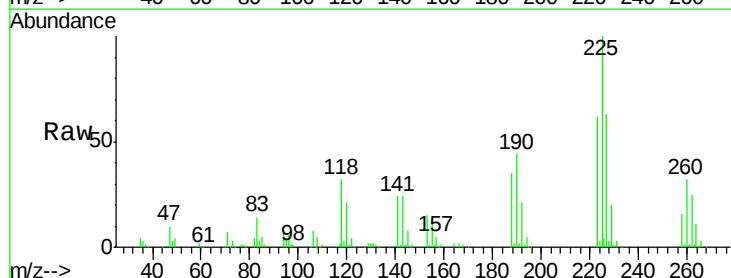
Tgt Ion:225 Resp: 176203

Ion Ratio Lower Upper

225 100

223 61.8 50.9 76.3

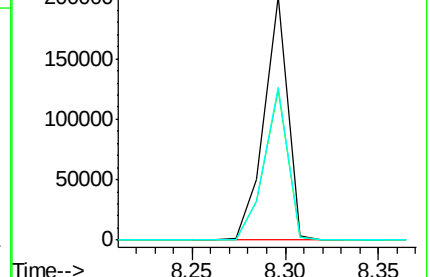
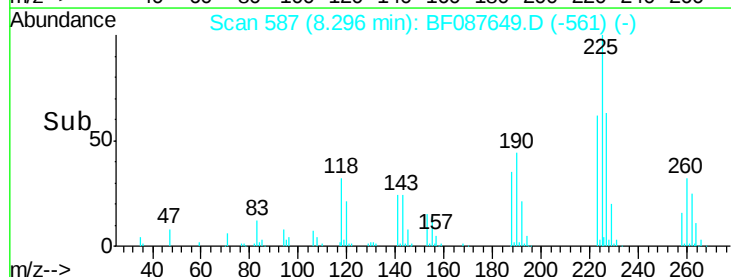
227 62.9 51.9 77.9

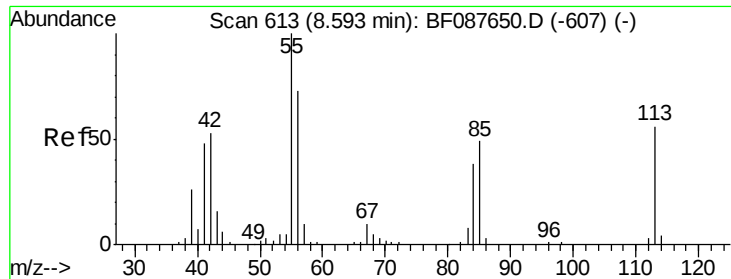


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

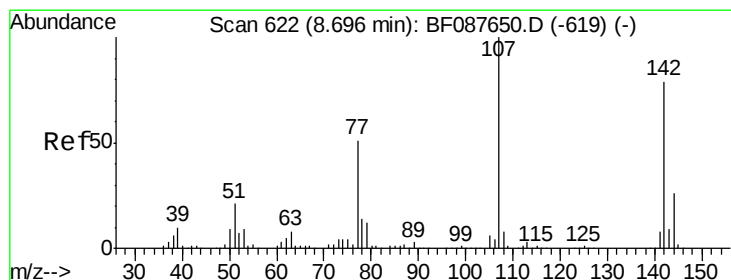
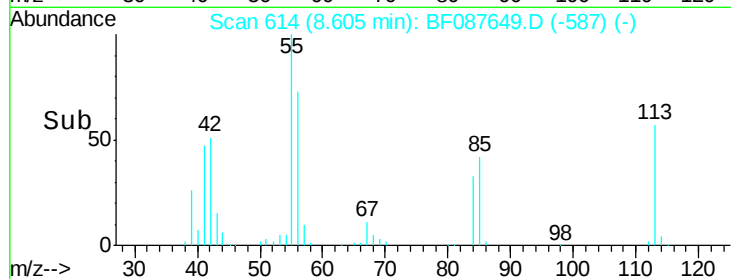
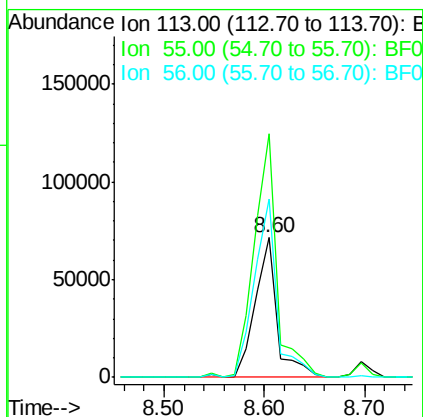
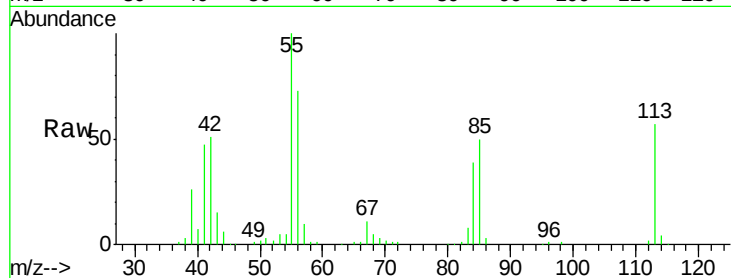




#35
 Caprolactam
 Concen: 59.88 ng
 RT: 8.60 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

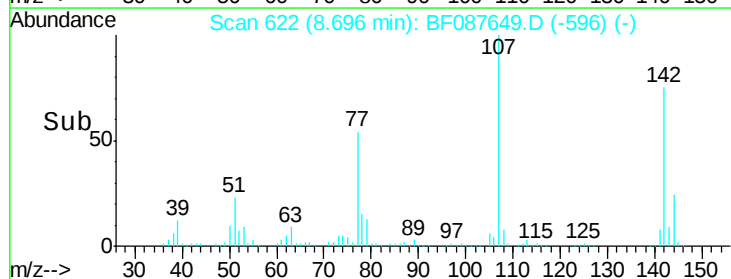
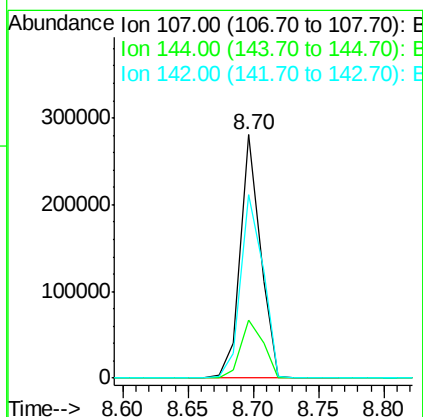
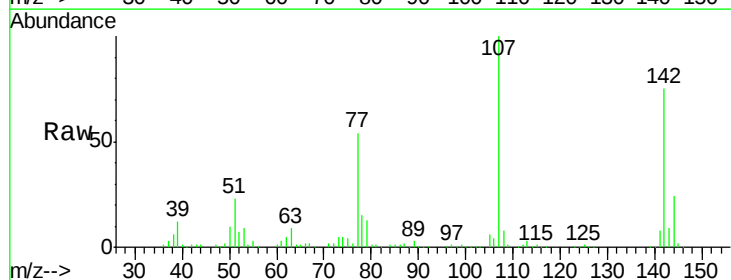
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

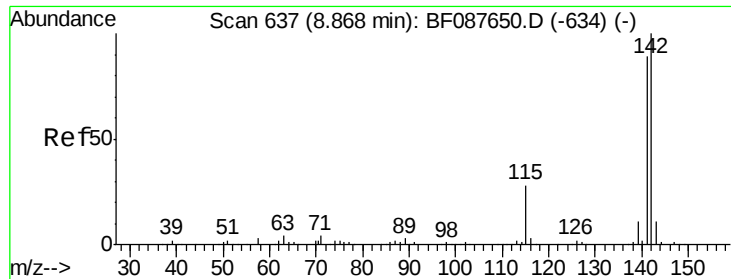
Tgt Ion:113 Resp: 108695
 Ion Ratio Lower Upper
 113 100
 55 174.3 158.6 198.6
 56 127.3 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.06 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion:107 Resp: 301731
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.8 31.2
 142 75.3 63.4 95.2

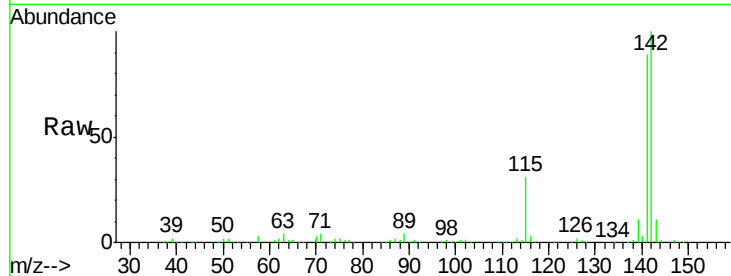




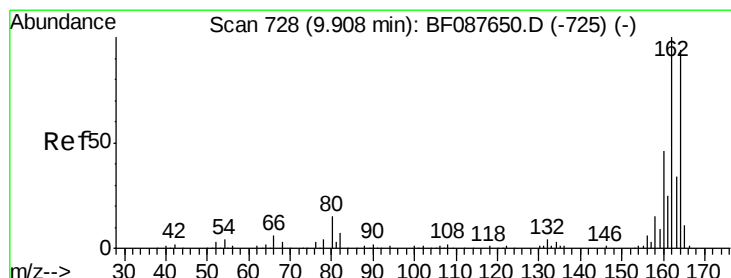
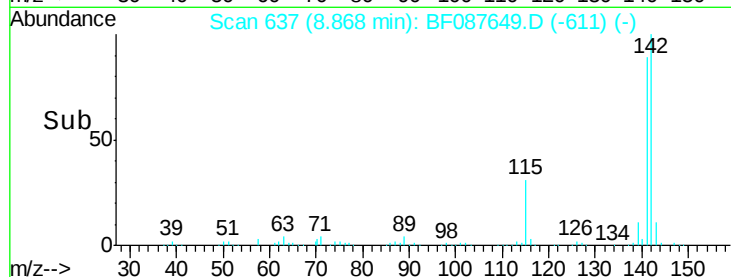
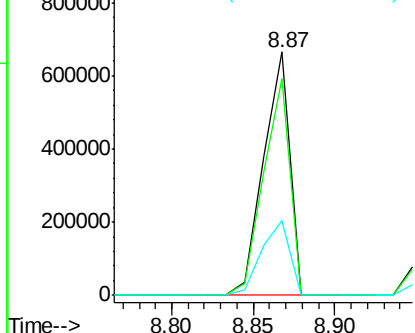
#37
 2-Methylnaphthalene
 Concen: 52.01 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:142 Resp: 746904
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.0 106.6
 115 30.6 22.6 33.8

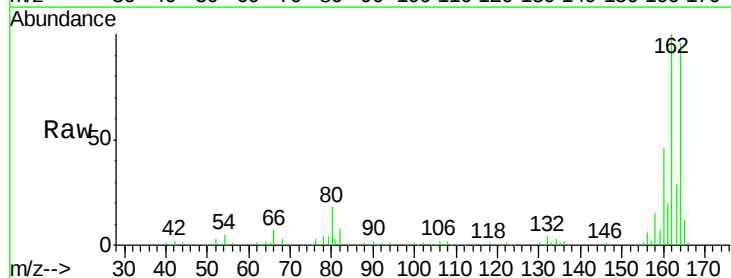


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

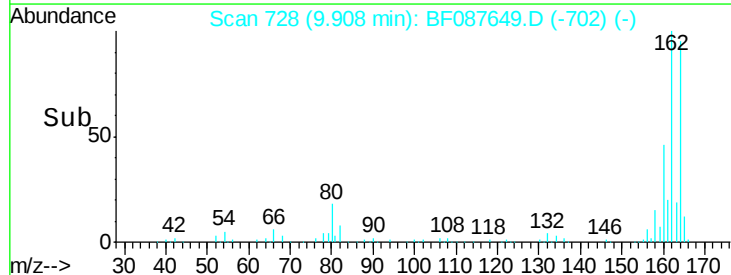
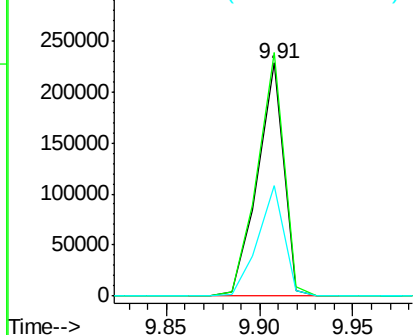


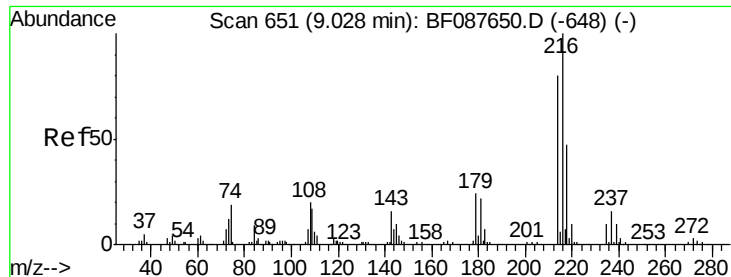
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion:164 Resp: 220974
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.4 128.2
 160 47.7 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.14 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:216 Resp: 271603

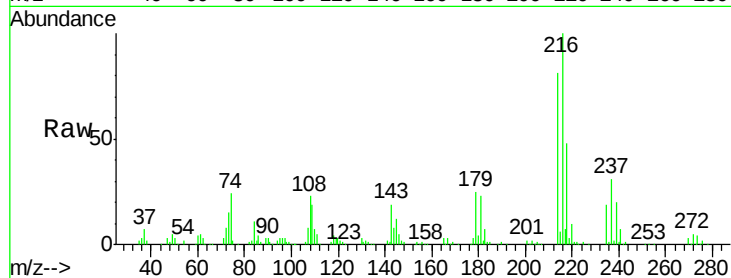
Ion Ratio Lower Upper

216 100

214 79.6 2.9 4.3#

179 23.3 0.0 0.0#

108 23.3 0.5 0.7#

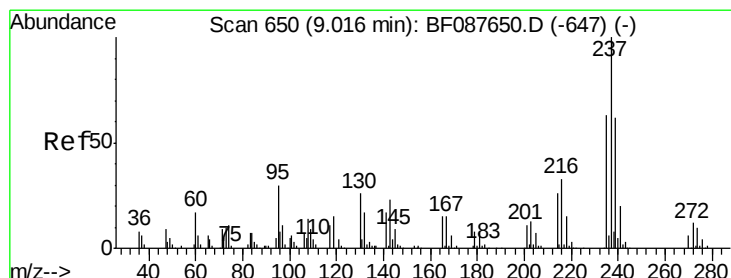
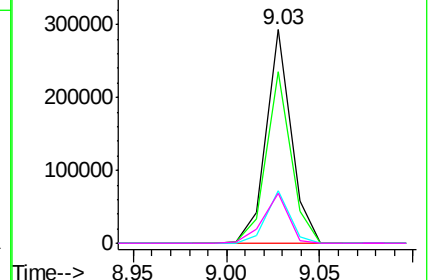
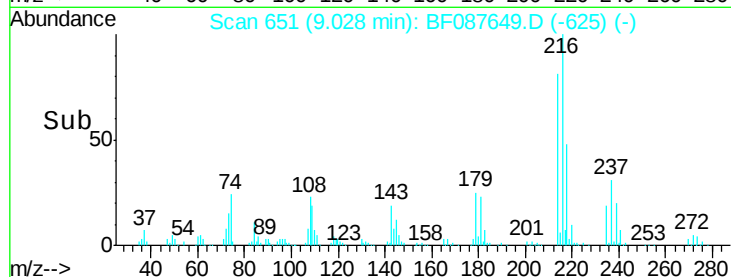


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 69.67 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

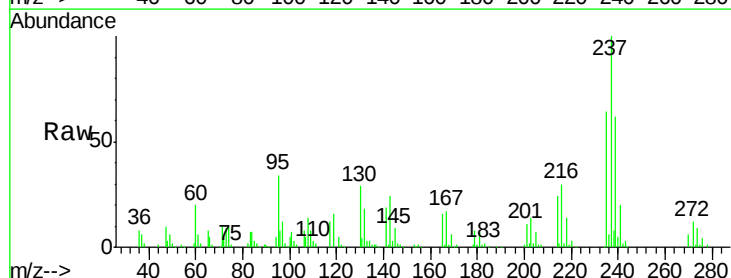
Tgt Ion:237 Resp: 168948

Ion Ratio Lower Upper

237 100

235 64.2 43.4 83.4

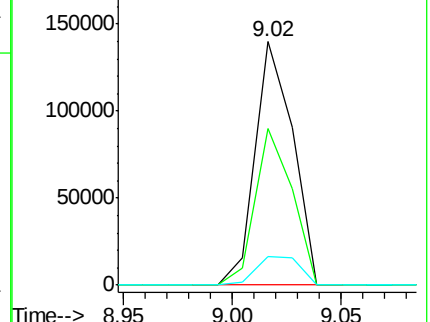
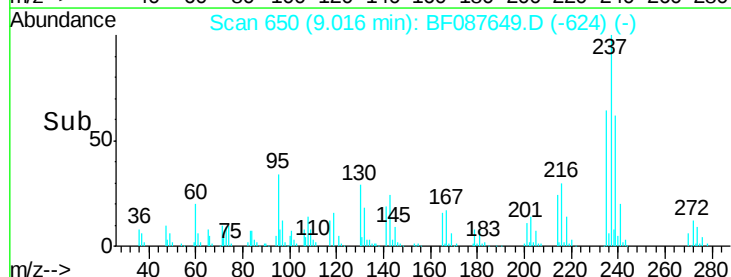
272 12.0 0.0 32.3

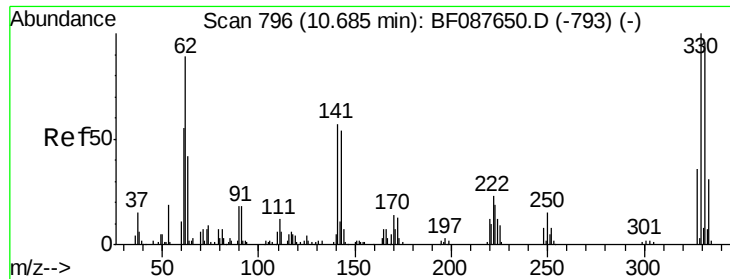


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

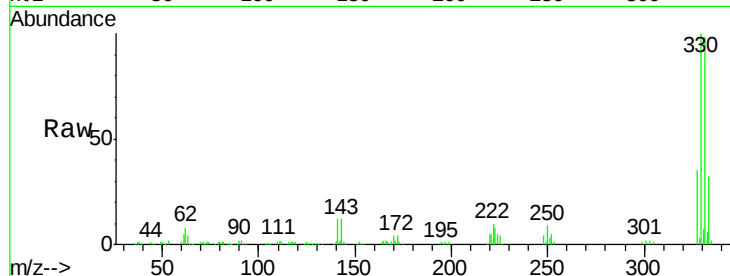




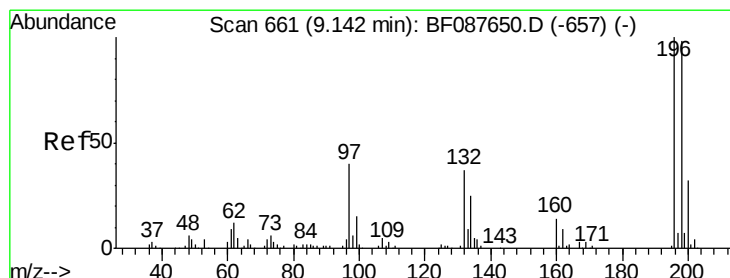
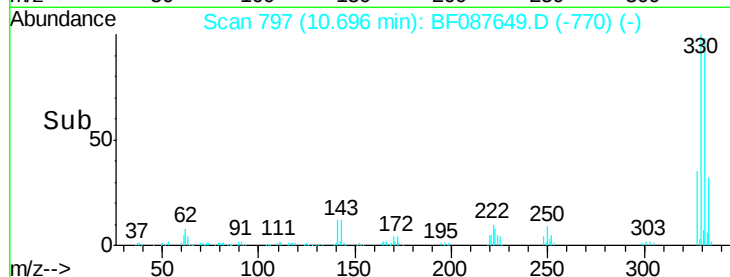
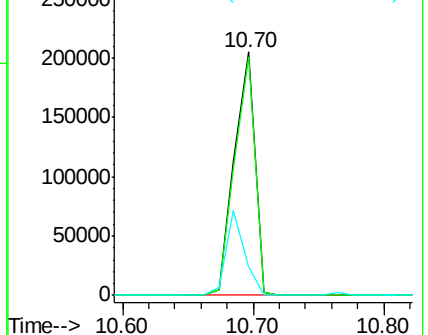
#41
 2,4,6-Tribromophenol
 Concen: 106.29 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:330 Resp: 224523
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 31.4 0.0 0.0#

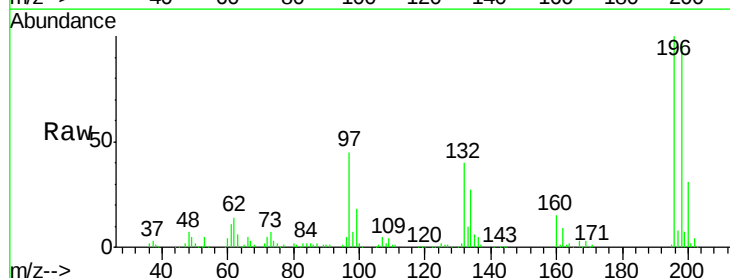


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

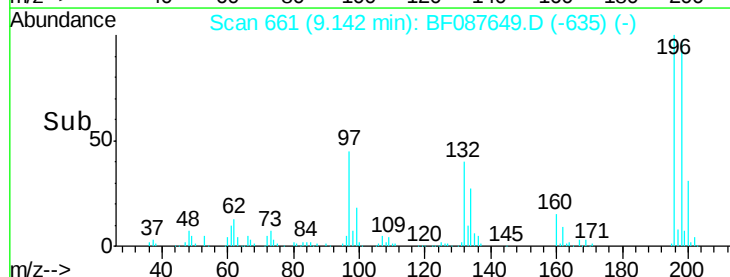
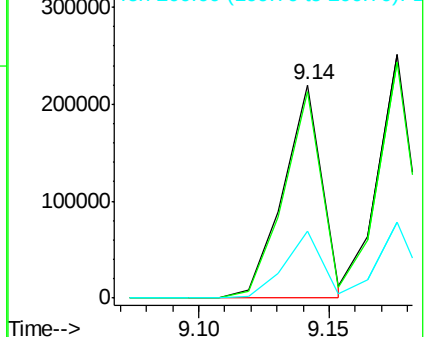


#42
 2,4,6-Trichlorophenol
 Concen: 54.61 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion:196 Resp: 225476
 Ion Ratio Lower Upper
 196 100
 198 97.0 78.0 117.0
 200 31.4 25.4 38.2



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

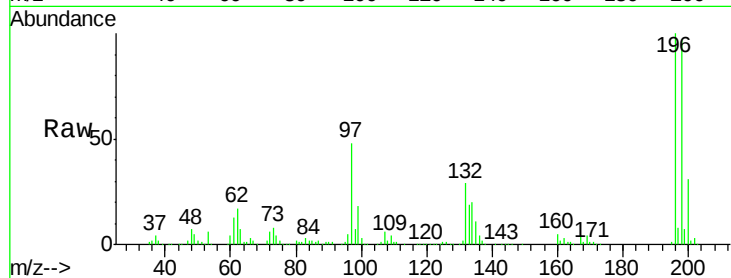




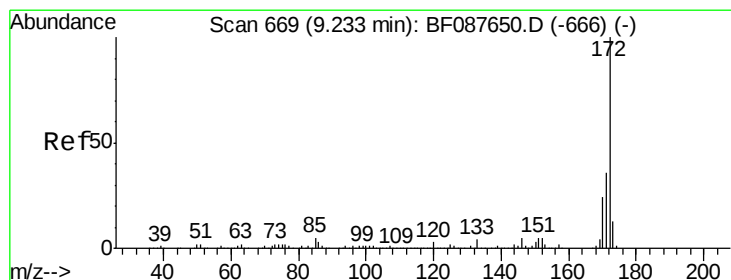
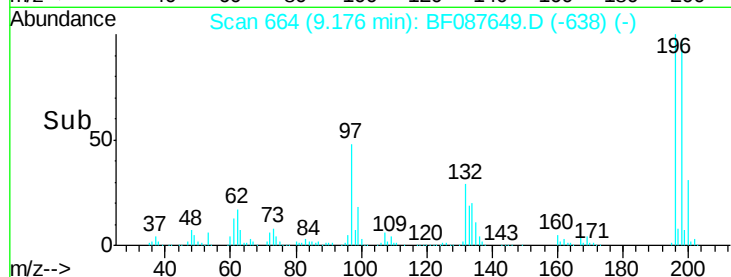
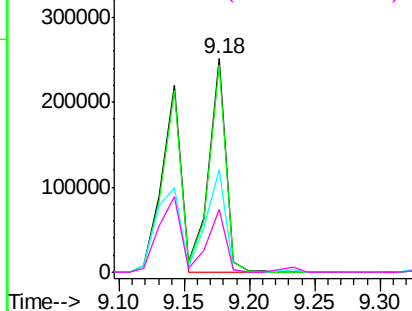
#43
 2,4,5-Trichlorophenol
 Concen: 53.89 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:196 Resp: 226836
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.5 116.3
 97 48.2 32.0 48.0#
 132 29.2 20.9 31.3

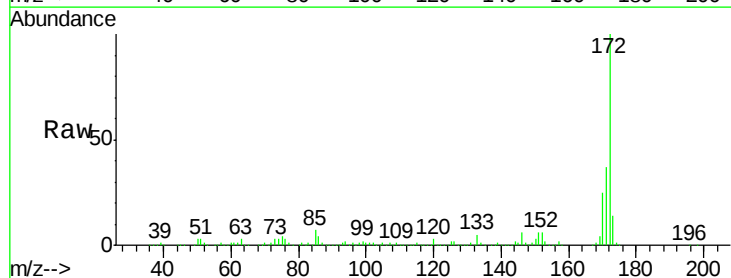


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

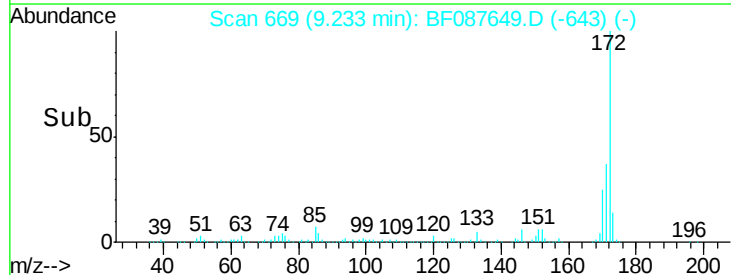
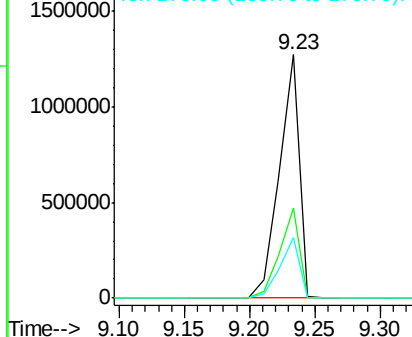


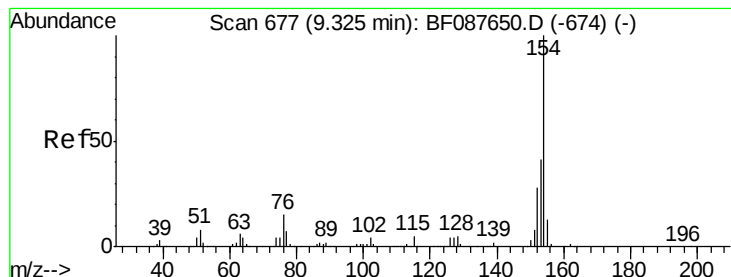
#44
 2-Fluorobiphenyl
 Concen: 87.48 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion:172 Resp: 1369204
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.6 43.0
 170 25.1 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: 44.73 ng

RT: 9.32 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

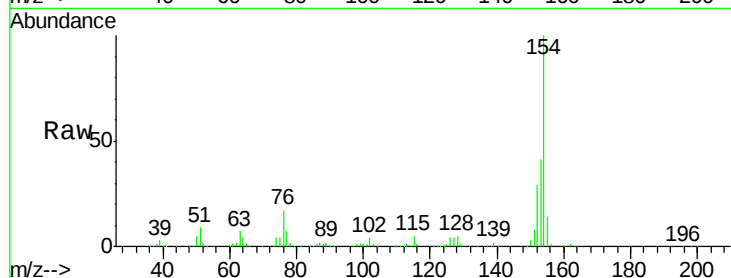
Tgt Ion:154 Resp: 824282

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

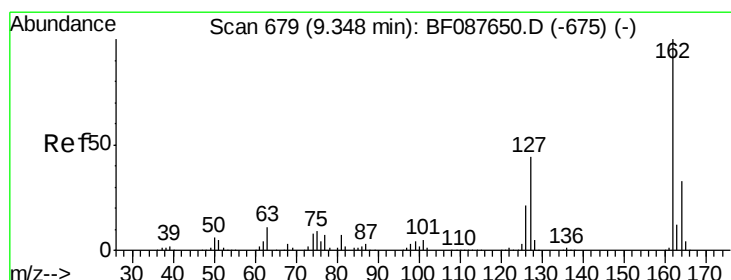
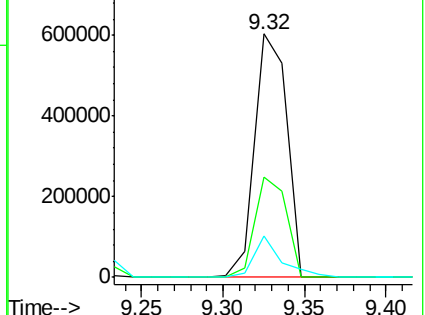
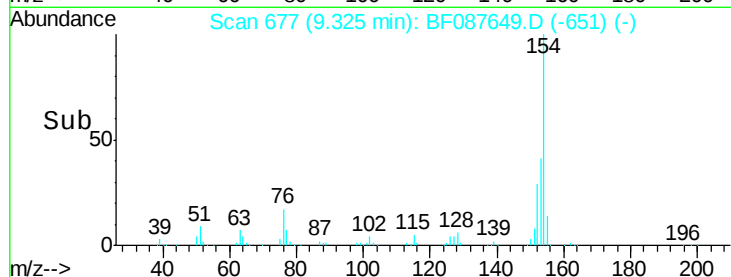
76 16.8 0.0 35.1



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: 45.94 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

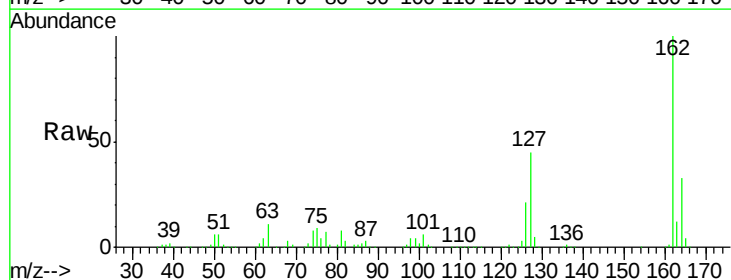
Tgt Ion:162 Resp: 647151

Ion Ratio Lower Upper

162 100

127 45.2 35.2 52.8

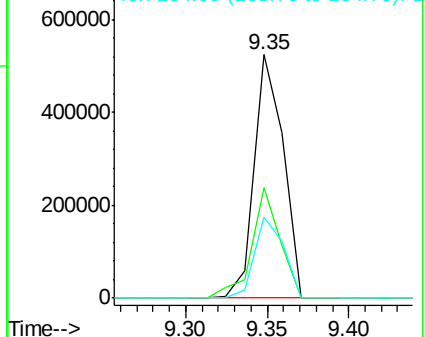
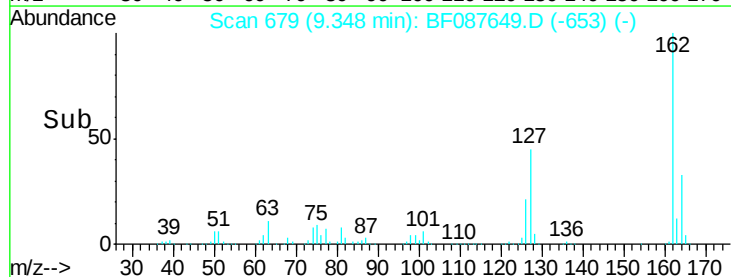
164 33.4 26.6 39.8

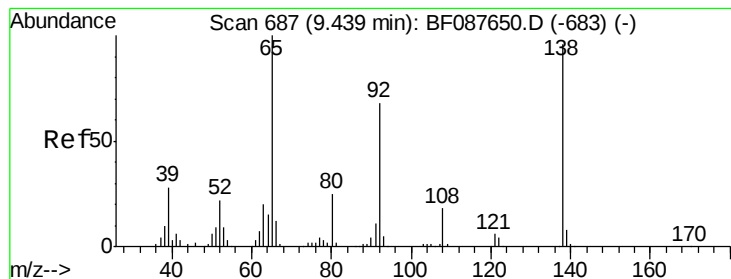


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.69 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

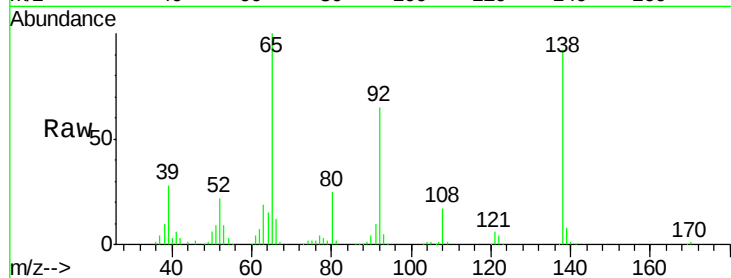
Tgt Ion: 65 Resp: 194929

Ion Ratio Lower Upper

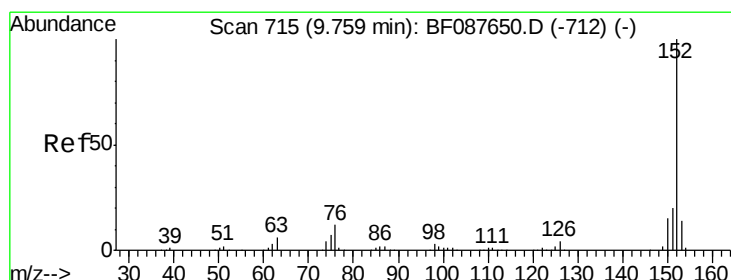
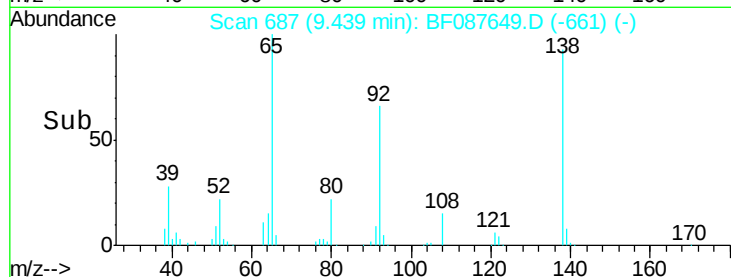
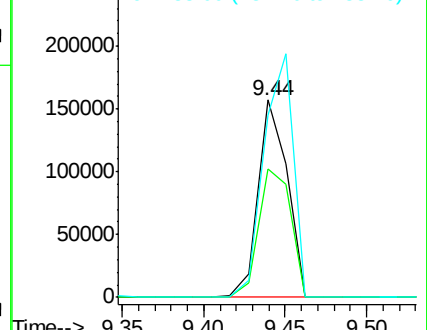
65 100

92 65.3 54.6 82.0

138 92.5 77.0 115.4



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



#48

Acenaphthylene

Concen: 50.33 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

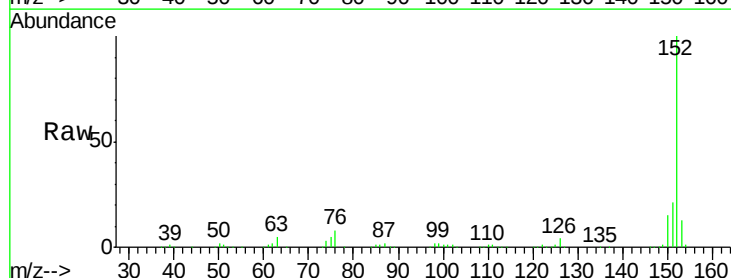
Tgt Ion: 152 Resp: 1132169

Ion Ratio Lower Upper

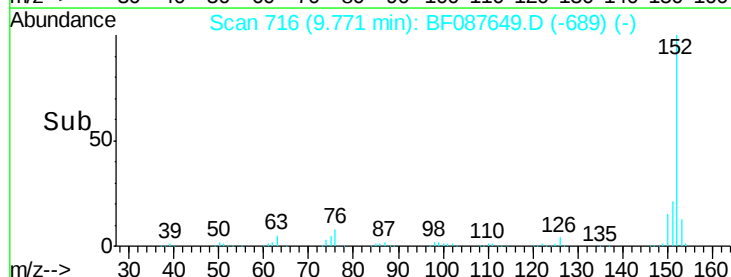
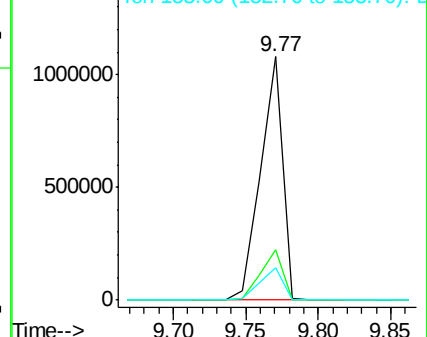
152 100

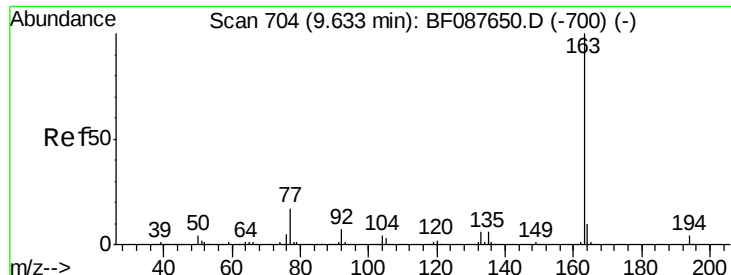
151 20.7 16.2 24.4

153 13.4 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: 39.68 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

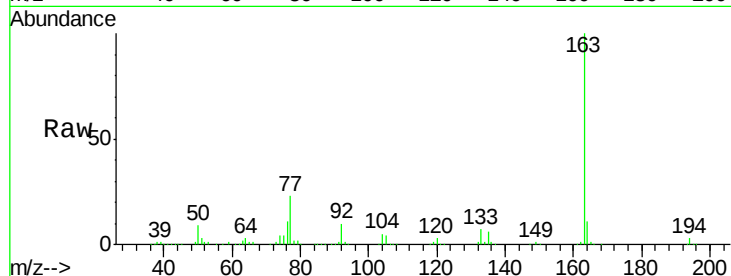
Tgt Ion:163 Resp: 698343

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

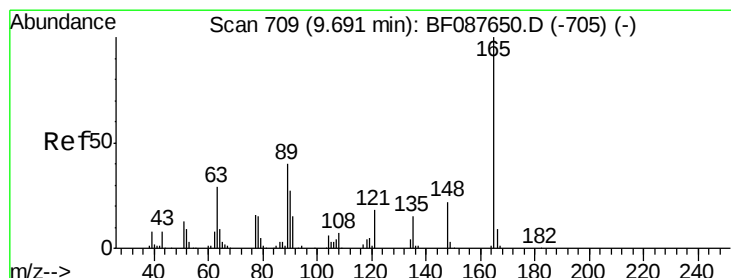
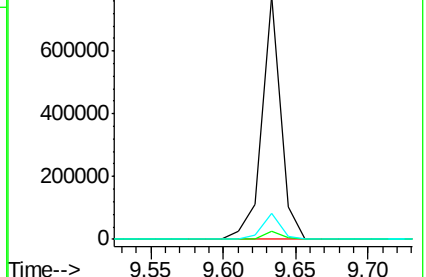
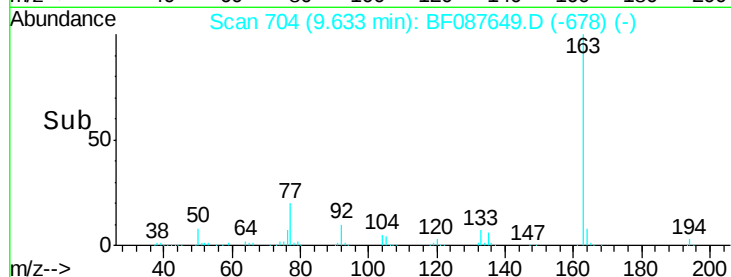
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.57 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

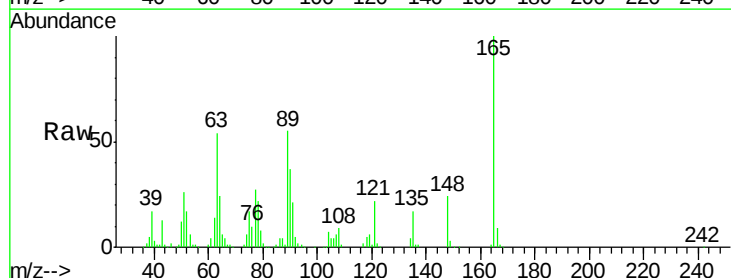
Tgt Ion:165 Resp: 179823

Ion Ratio Lower Upper

165 100

63 53.8 28.1 42.1#

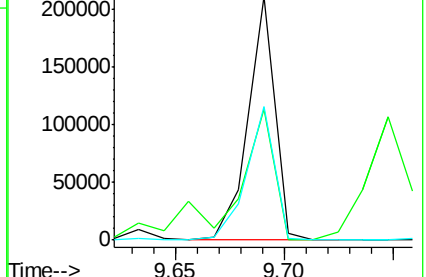
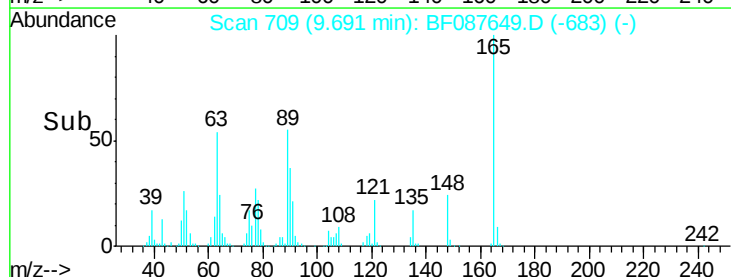
89 54.9 32.2 48.2#

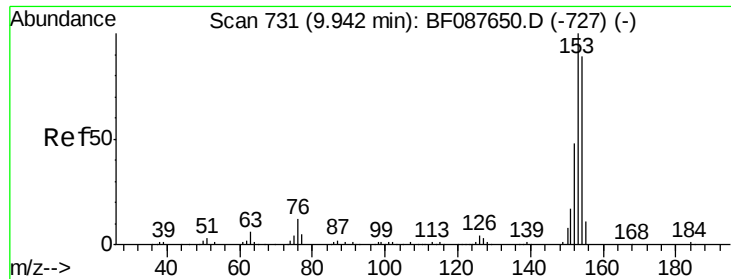


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.38 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

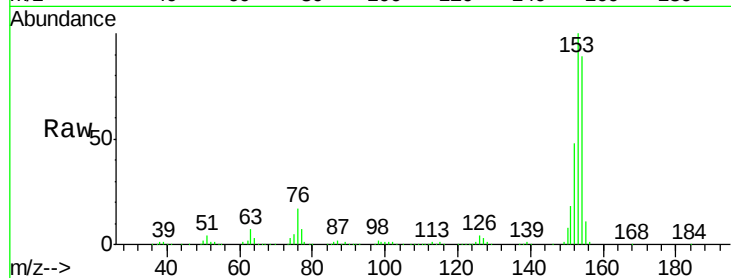
Tgt Ion:154 Resp: 704916

Ion Ratio Lower Upper

154 100

153 112.4 89.5 134.3

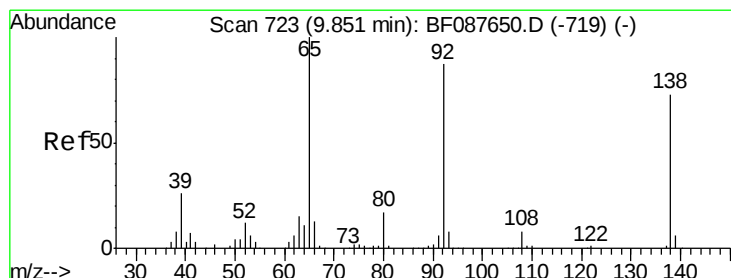
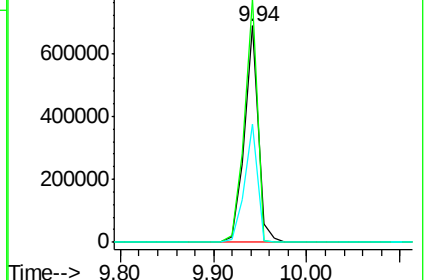
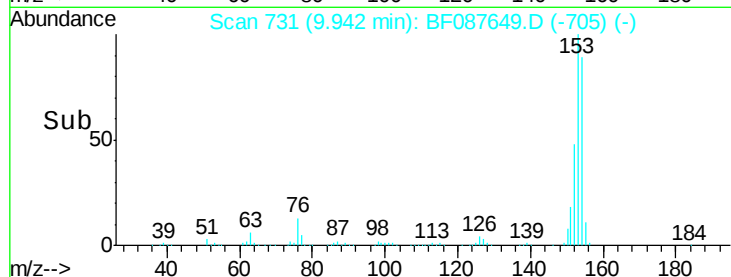
152 54.4 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 60.60 ng

RT: 9.86 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

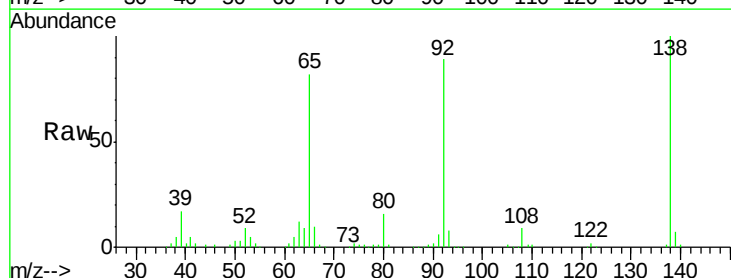
Tgt Ion:138 Resp: 221961

Ion Ratio Lower Upper

138 100

108 9.0 8.5 12.7

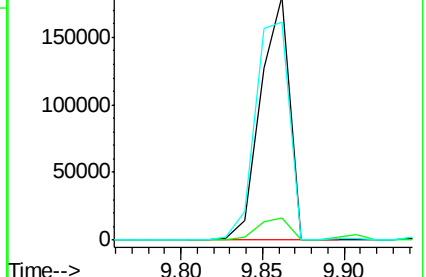
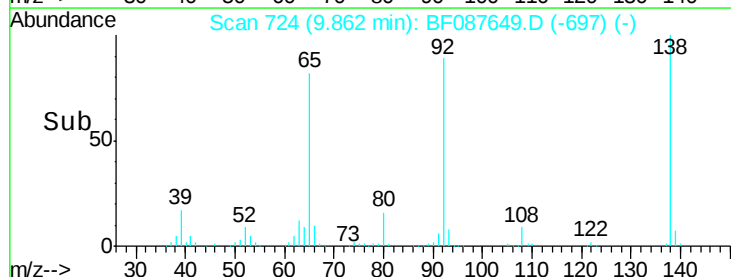
92 89.4 95.7 143.5#

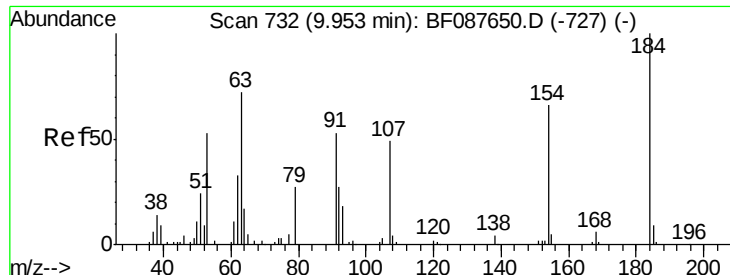


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

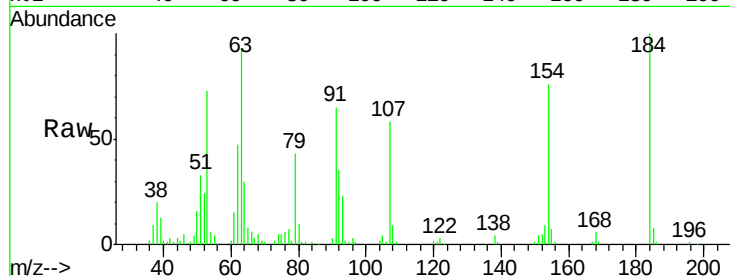




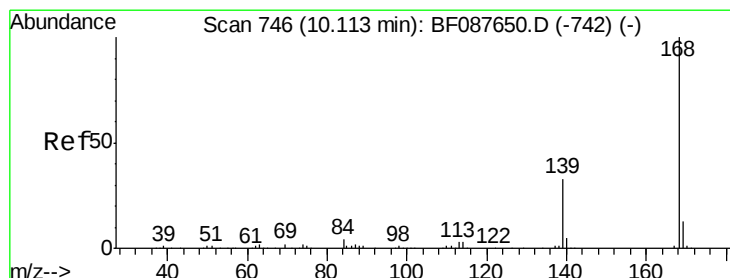
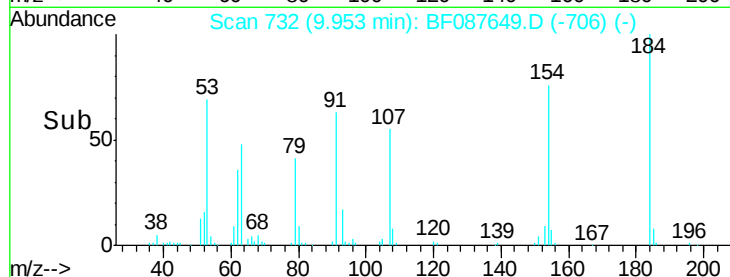
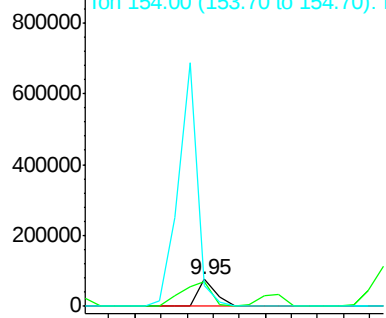
#53
2,4-Dinitrophenol
Concen: 48.45 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:184 Resp: 73228
Ion Ratio Lower Upper
184 100
63 92.9 57.6 86.4#
154 76.2 53.5 80.3

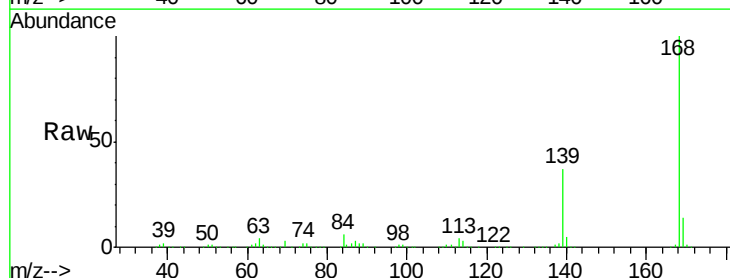


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

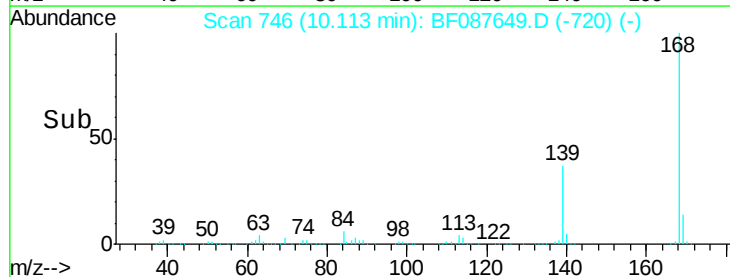
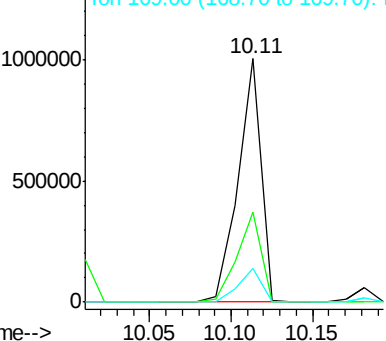


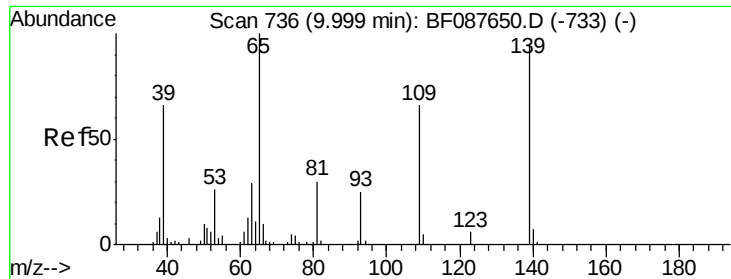
#54
Dibenzofuran
Concen: 51.76 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion:168 Resp: 985227
Ion Ratio Lower Upper
168 100
139 37.2 26.4 39.6
169 13.8 10.4 15.6



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

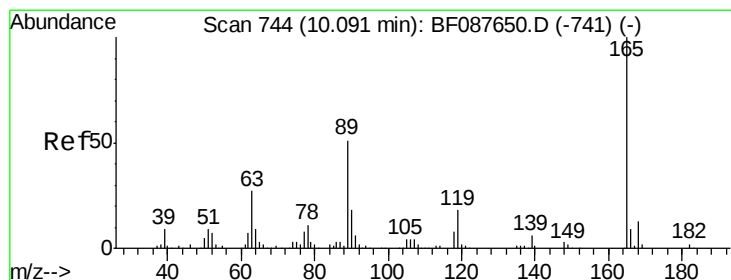
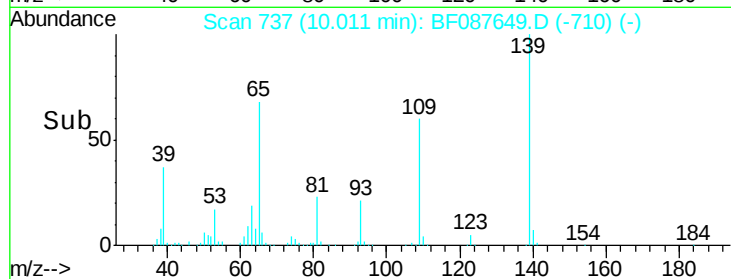
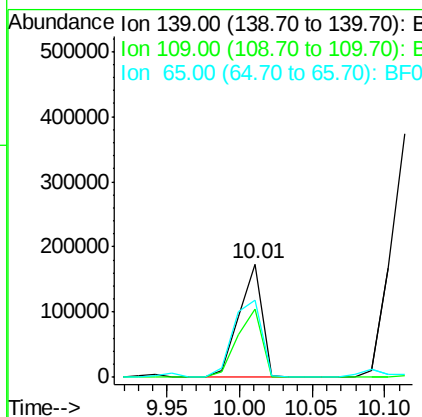
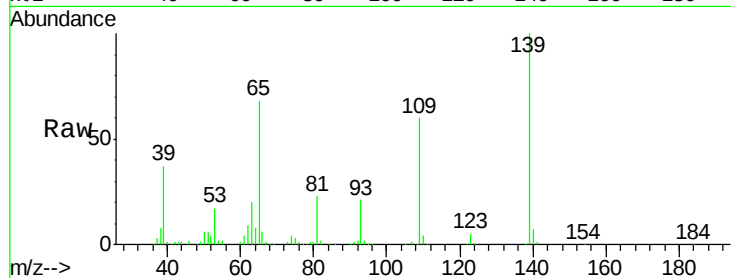




#55
4-Nitrophenol
Concen: 99.00 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

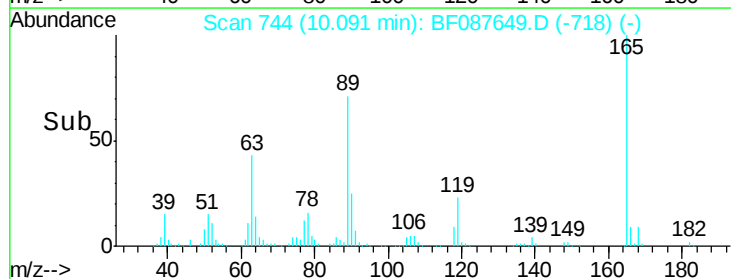
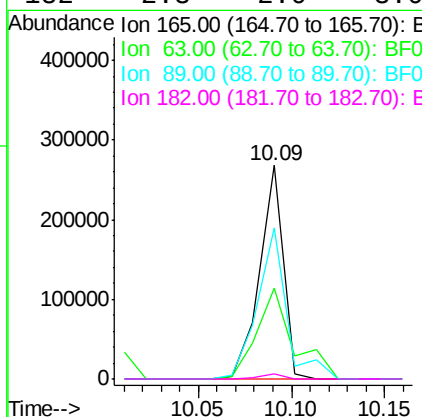
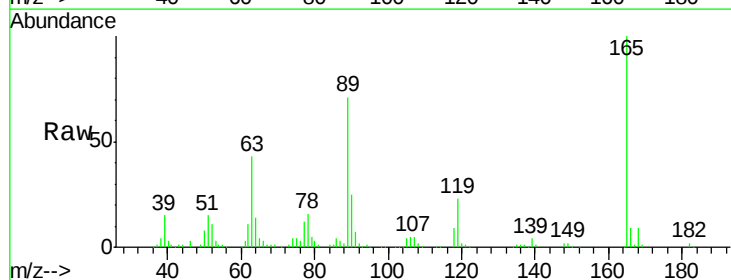
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

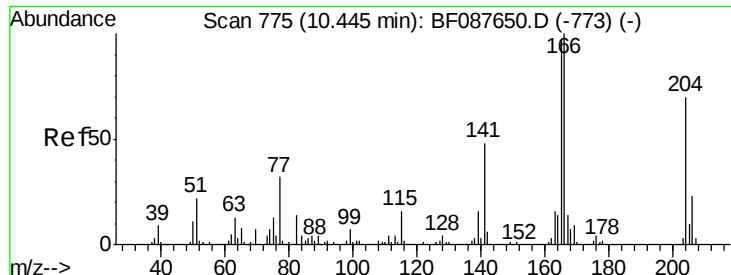
Tgt Ion:139 Resp: 193529
Ion Ratio Lower Upper
139 100
109 59.8 48.9 88.9
65 67.7 84.9 124.9#



#56
2,4-Dinitrotoluene
Concen: 49.65 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion:165 Resp: 238385
Ion Ratio Lower Upper
165 100
63 42.6 22.0 33.0#
89 70.7 41.1 61.7#
182 2.3 2.0 3.0





#57

Fluorene

Concen: 45.60 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

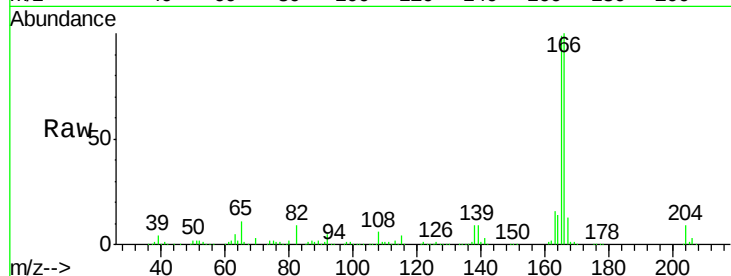
Tgt Ion:166 Resp: 726972

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

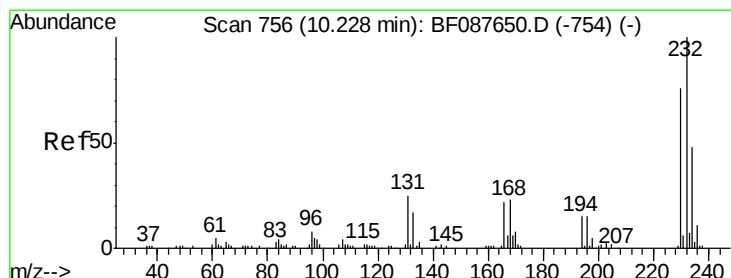
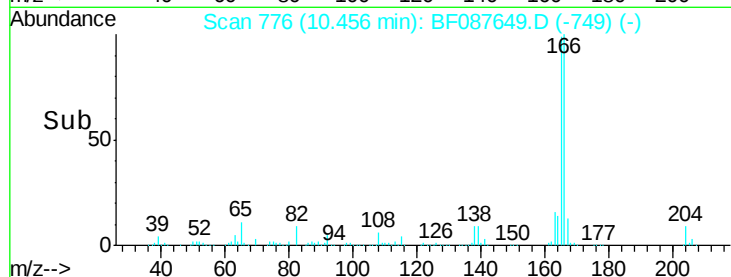
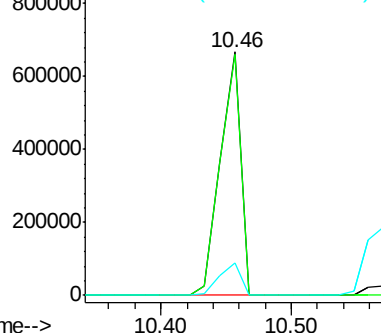
167 13.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.64 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion:232 Resp: 185556

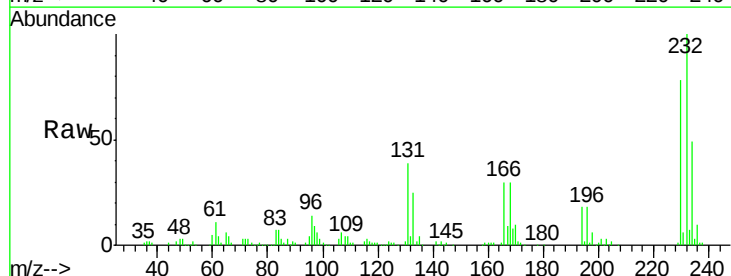
Ion Ratio Lower Upper

232 100

131 49.1 0.9 1.3#

130 2.4 1.5 2.3#

166 34.4 0.5 0.7#

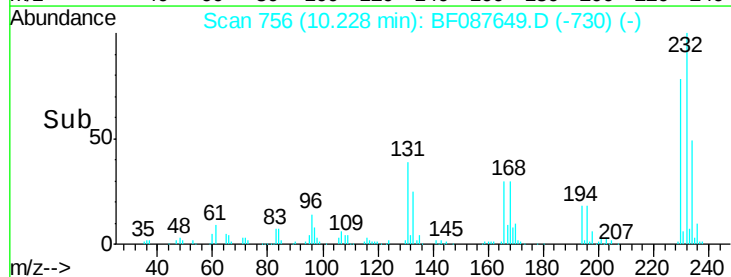
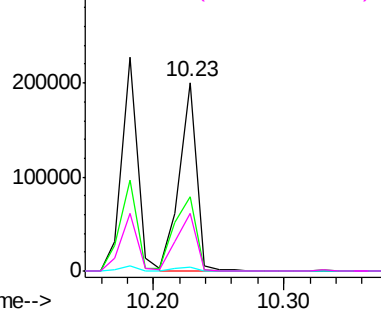


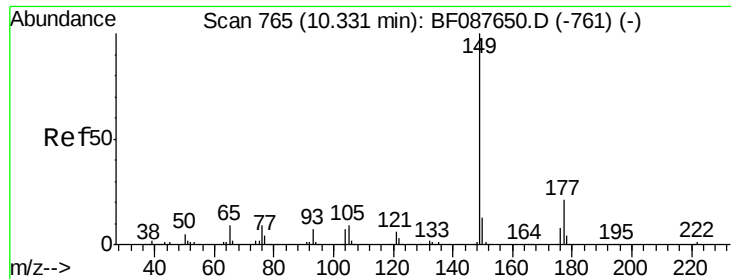
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

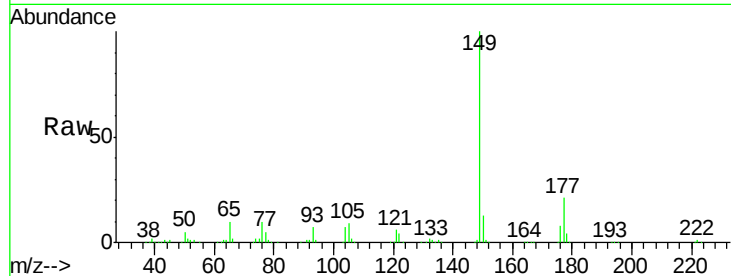




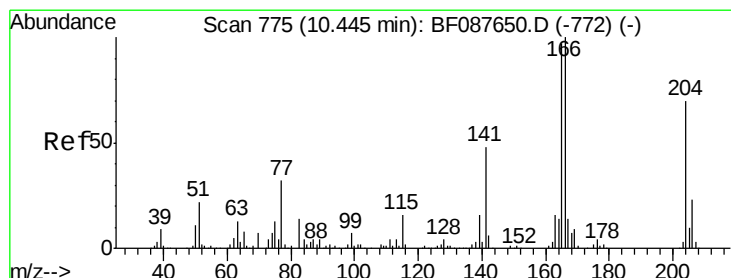
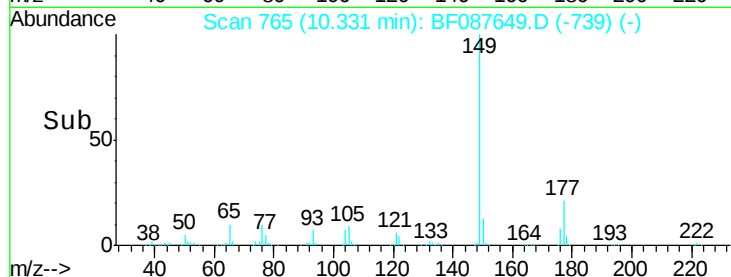
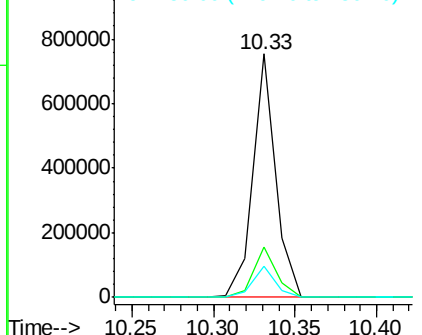
#59
Diethylphthalate
Concen: 42.91 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:149 Resp: 731879
Ion Ratio Lower Upper
149 100
177 20.7 16.9 25.3
150 12.8 10.1 15.1

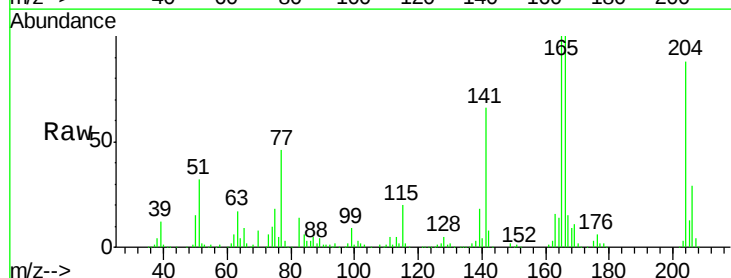


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

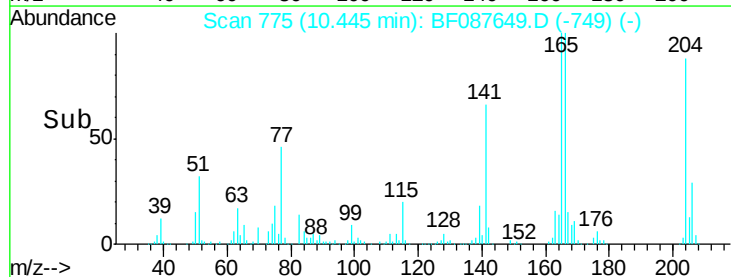
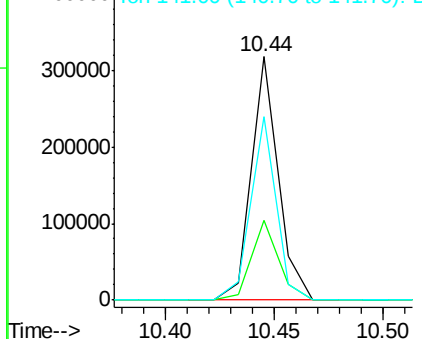


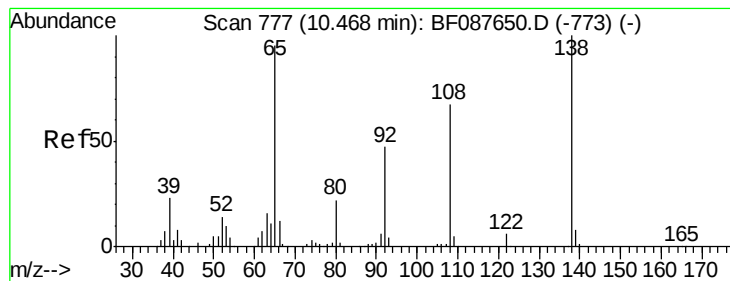
#60
4-Chlorophenyl-phenylether
Concen: 35.55 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion:204 Resp: 273378
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 75.3 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: 52.44 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

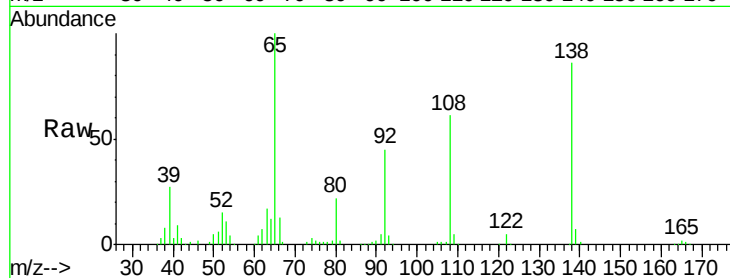
Tgt Ion:138 Resp: 184016

Ion Ratio Lower Upper

138 100

92 52.3 27.3 67.3

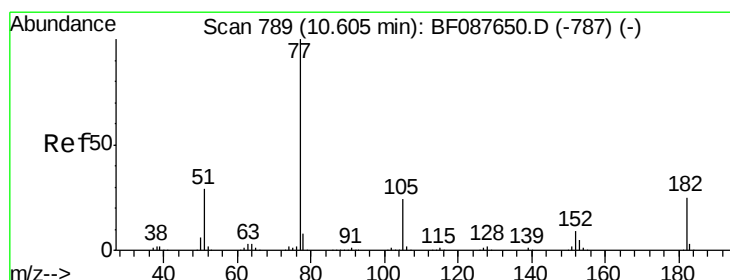
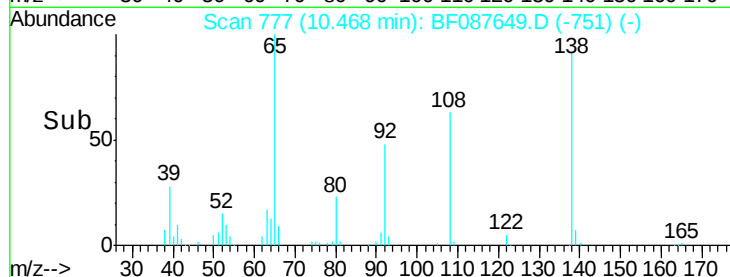
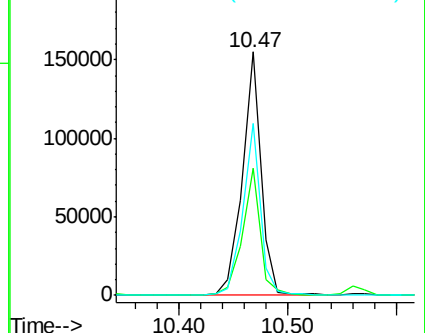
108 70.5 46.7 86.7



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: 45.30 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Tgt Ion: 77 Resp: 787996

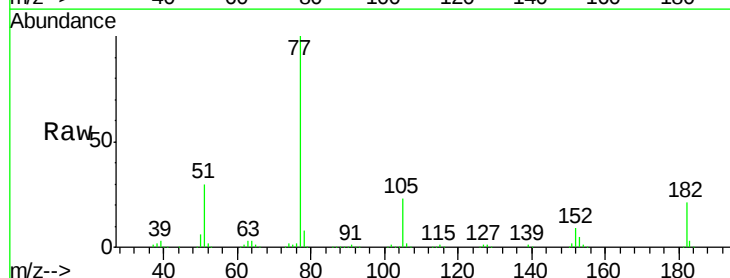
Ion Ratio Lower Upper

77 100

182 21.5 4.4 44.4

105 22.8 3.8 43.8

51 29.7 9.3 49.3

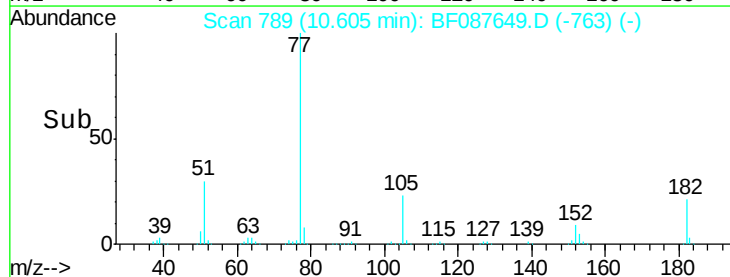
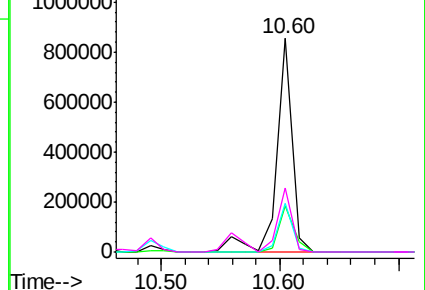


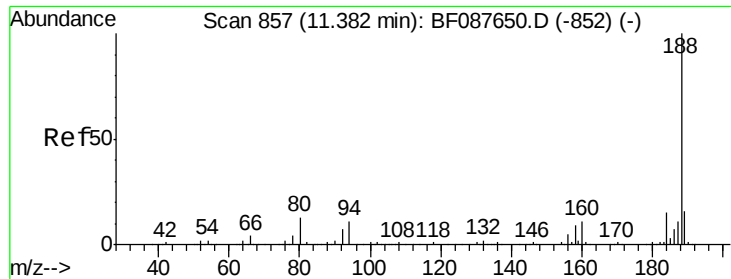
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

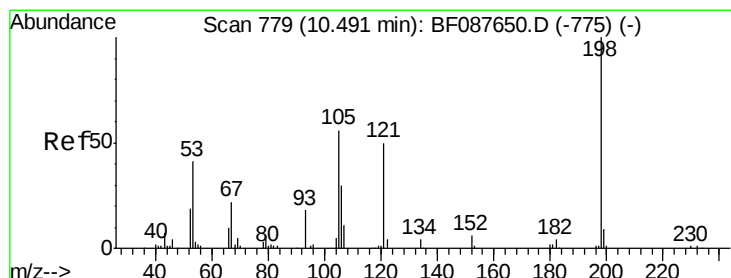
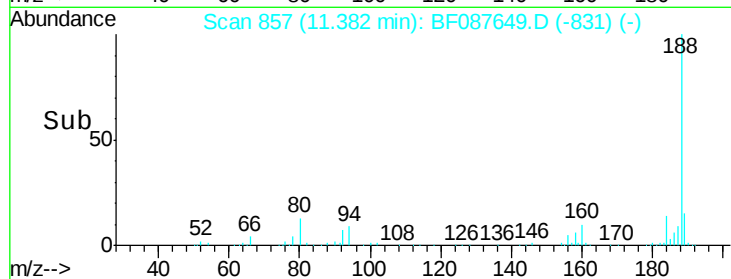
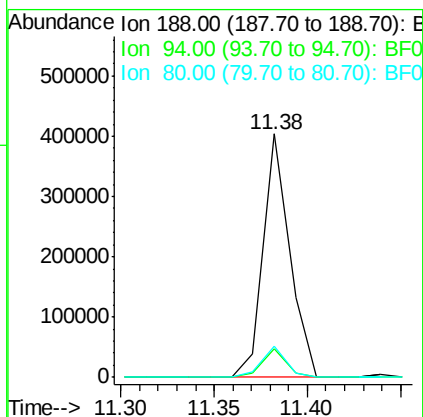
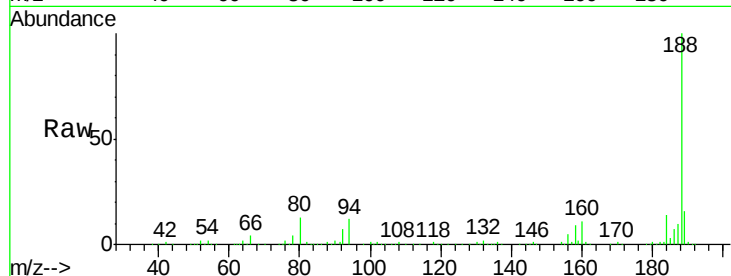




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

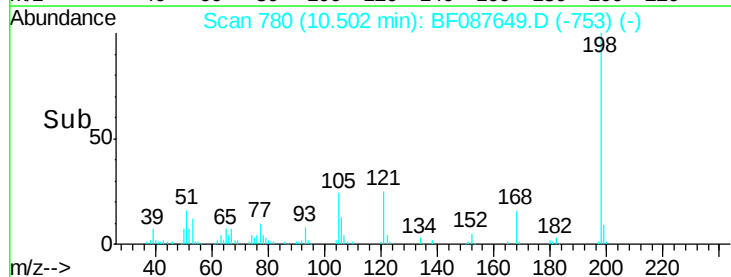
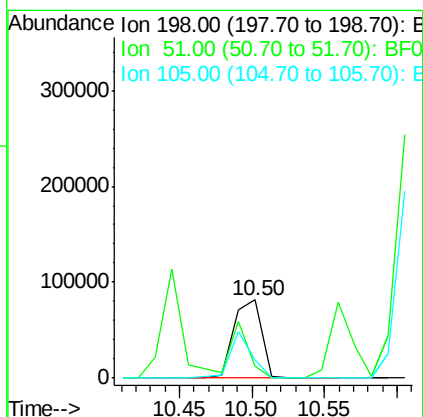
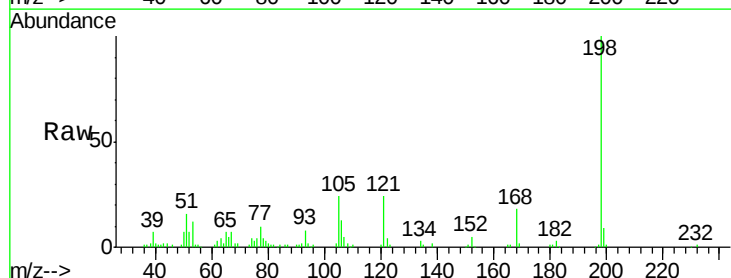
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

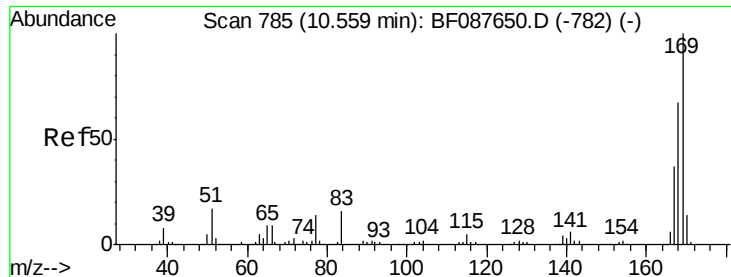
Tgt Ion:188 Resp: 394616
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.0 13.6
 80 12.8 10.0 15.0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.35 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.01 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion:198 Resp: 109090
 Ion Ratio Lower Upper
 198 100
 51 15.7 39.6 79.6#
 105 23.6 36.6 76.6#





#65

n-Nitrosodiphenylamine

Concen: 52.09 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

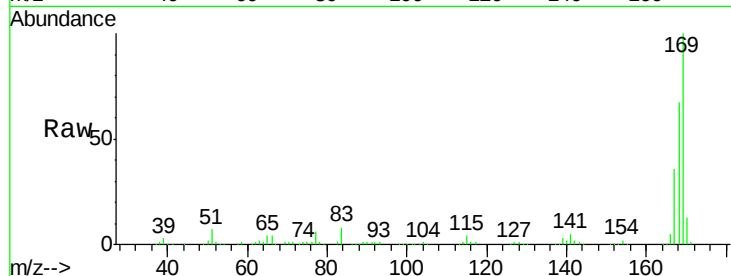
Tgt Ion:169 Resp: 660696

Ion Ratio Lower Upper

169 100

168 66.6 53.4 80.0

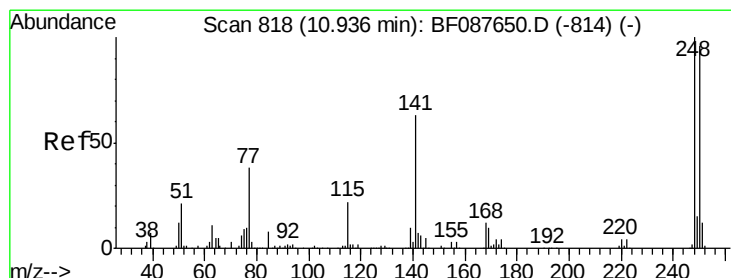
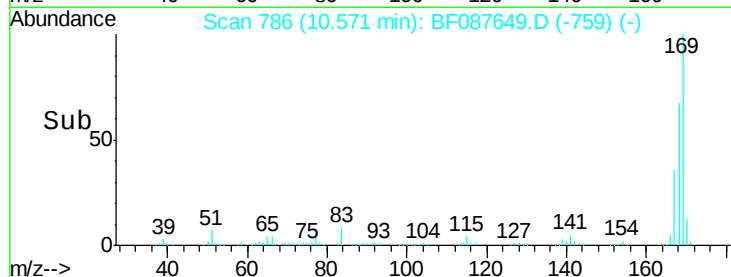
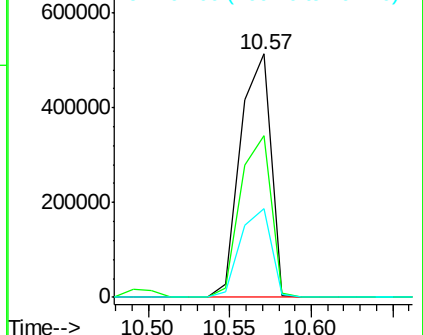
167 36.3 29.4 44.0



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: 46.62 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

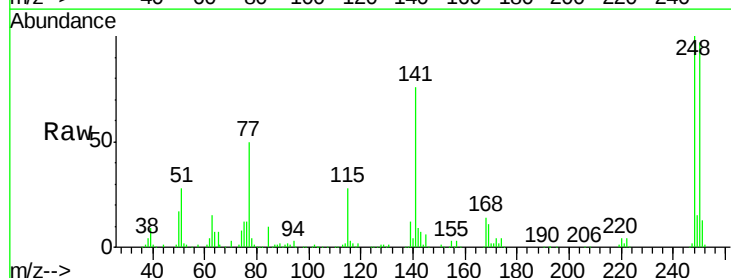
Tgt Ion:248 Resp: 200436

Ion Ratio Lower Upper

248 100

250 97.0 77.1 115.7

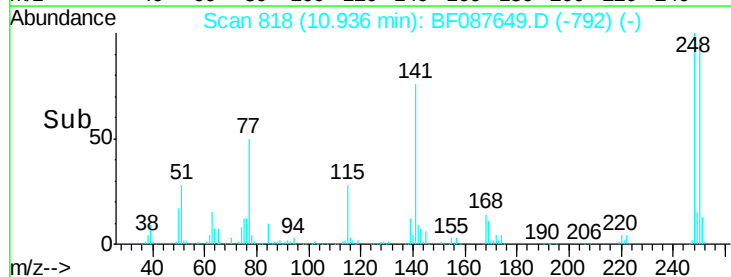
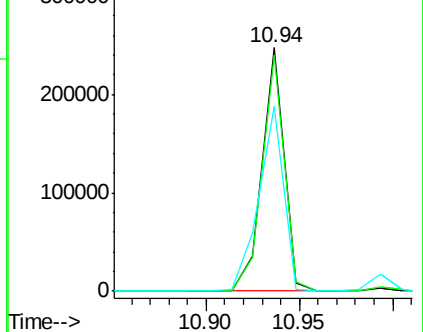
141 76.0 50.6 76.0#

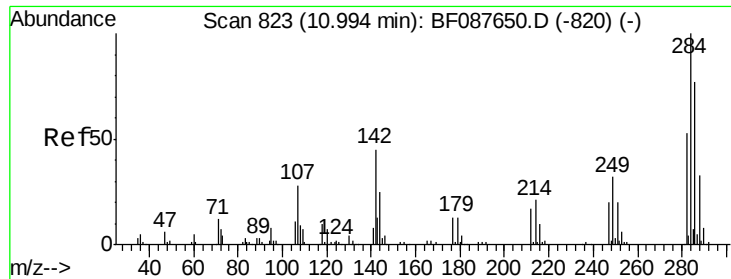


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

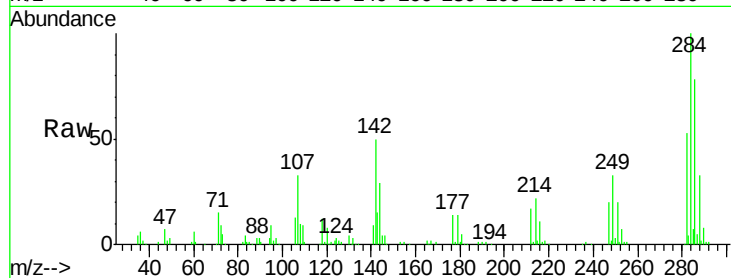




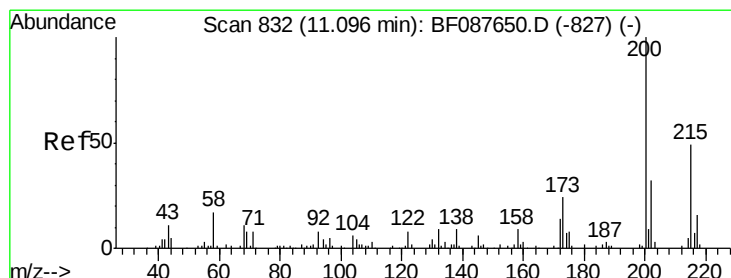
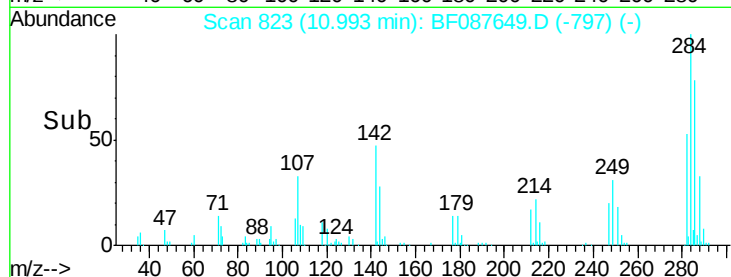
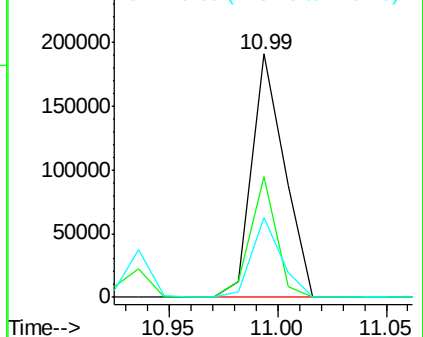
#67
Hexachlorobenzene
Concen: 44.71 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:284 Resp: 199191
Ion Ratio Lower Upper
284 100
142 49.7 35.8 53.8
249 32.6 25.8 38.6

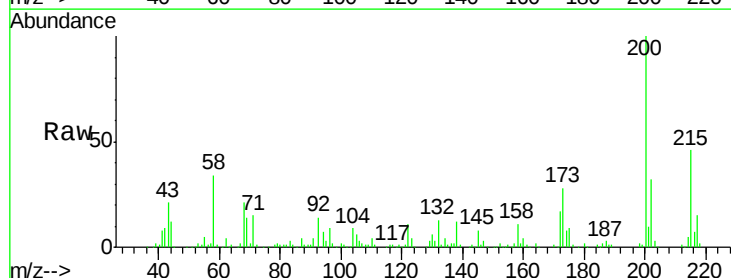


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

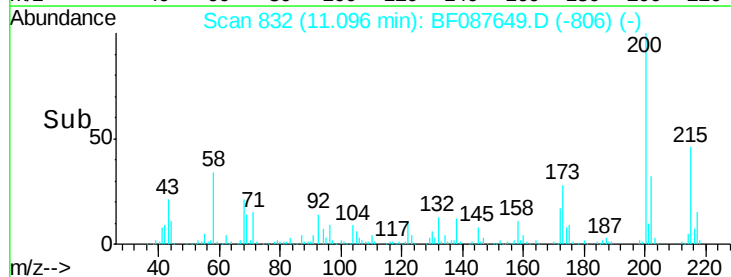
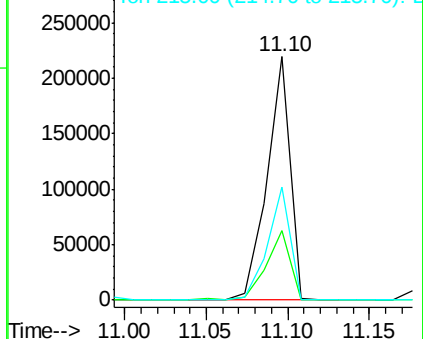


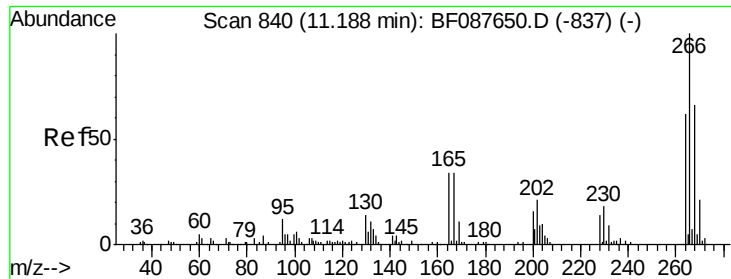
#68
Atrazine
Concen: 53.05 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion:200 Resp: 214687
Ion Ratio Lower Upper
200 100
173 28.4 4.0 44.0
215 46.2 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

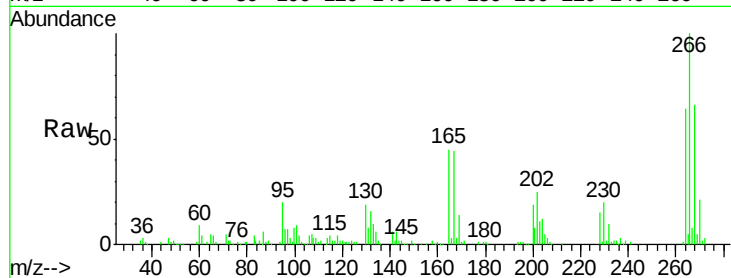




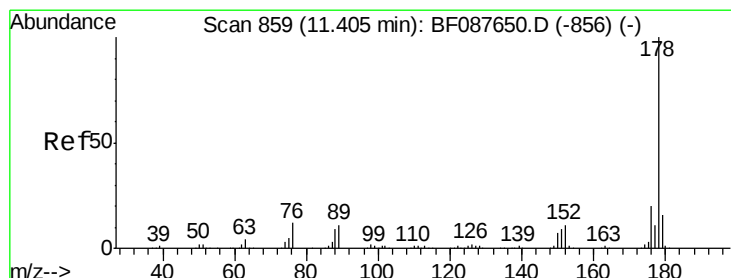
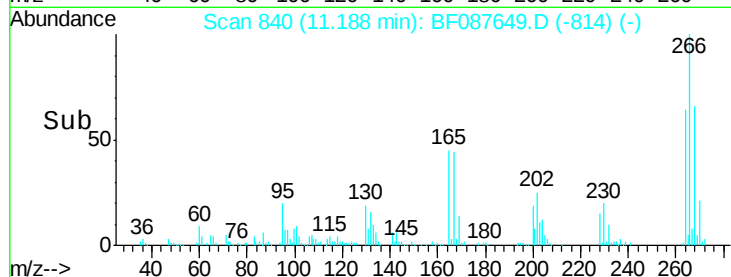
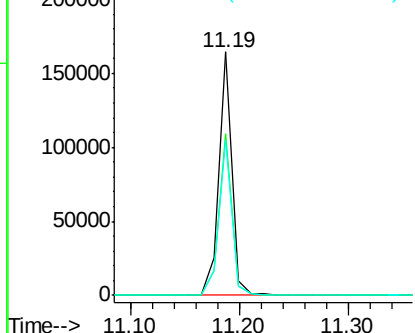
#69
 Pentachlorophenol
 Concen: 96.47 ng
 RT: 11.19 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 266 Resp: 139688
 Ion Ratio Lower Upper
 266 100
 268 66.2 52.8 79.2
 264 63.8 49.6 74.4

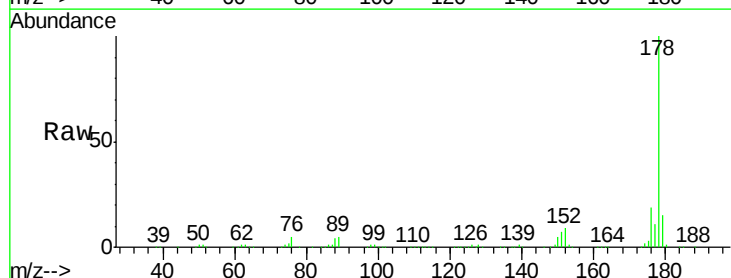


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

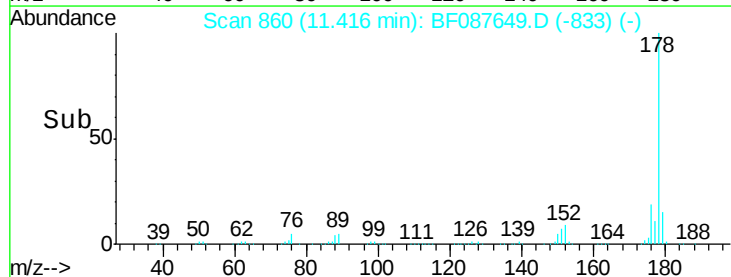
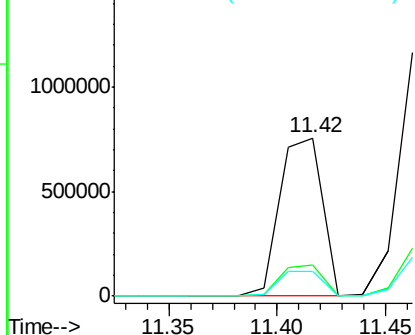


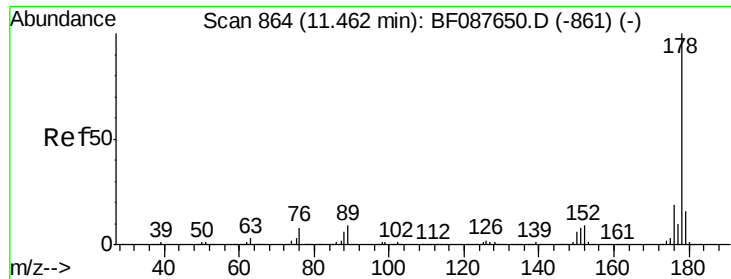
#70
 Phenanthrene
 Concen: 47.92 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion: 178 Resp: 1034524
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.6
 179 15.3 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

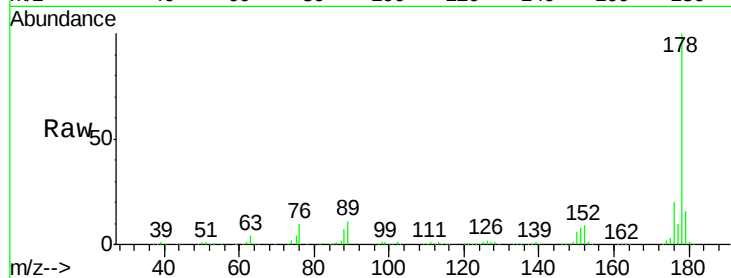




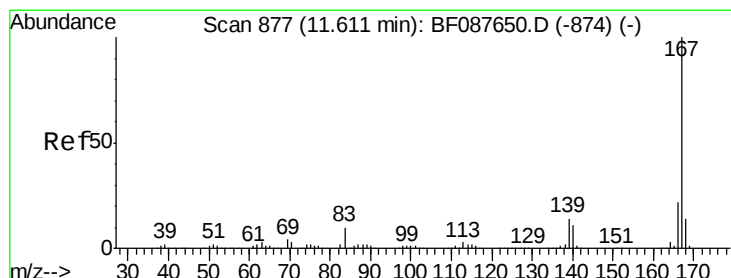
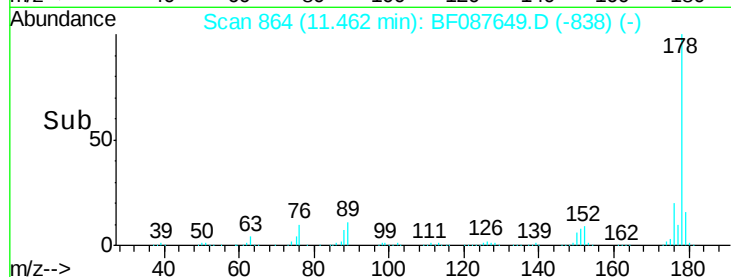
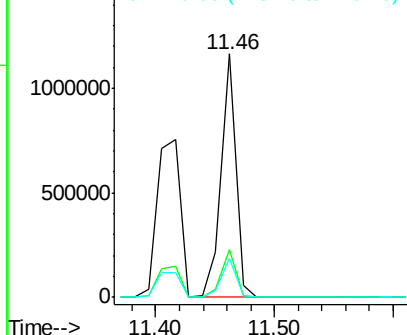
#71
 Anthracene
 Concen: 44.85 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:178 Resp: 996049
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.1 12.8 19.2

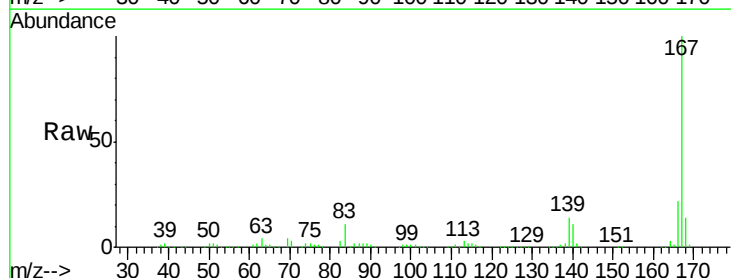


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

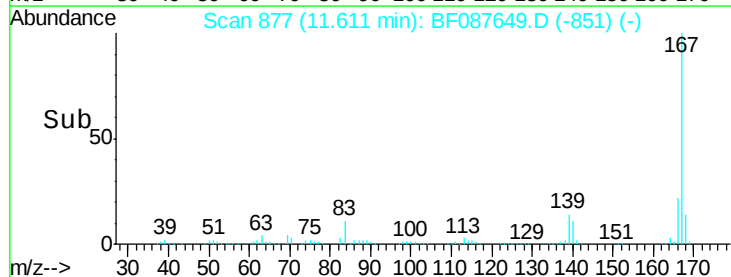
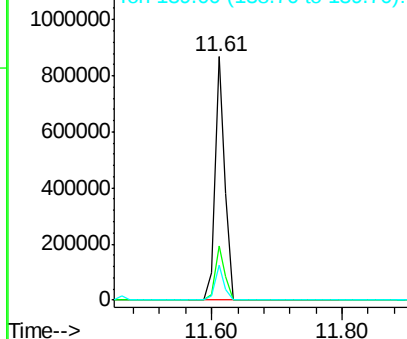


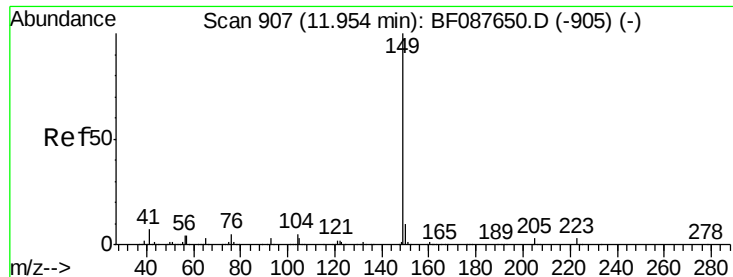
#72
 Carbazole
 Concen: 49.42 ng
 RT: 11.61 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion:167 Resp: 931797
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.3 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: 42.70 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

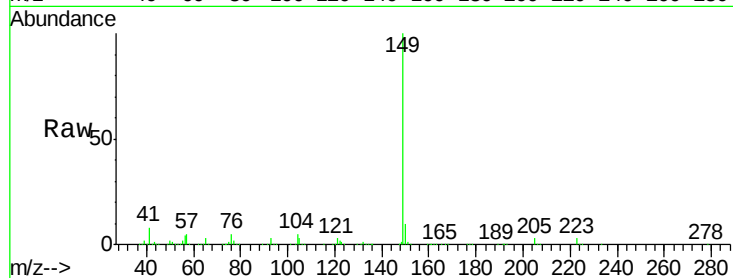
Tgt Ion:149 Resp: 1025312

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

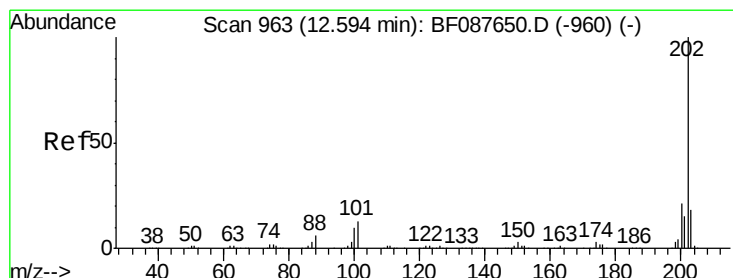
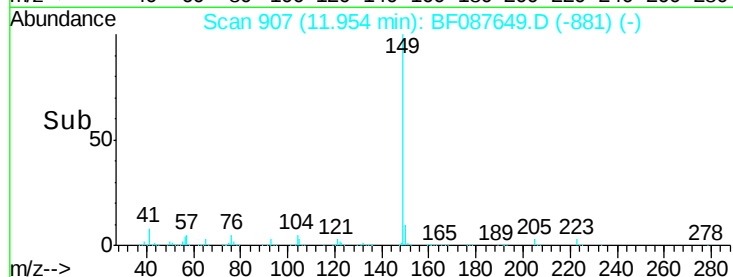
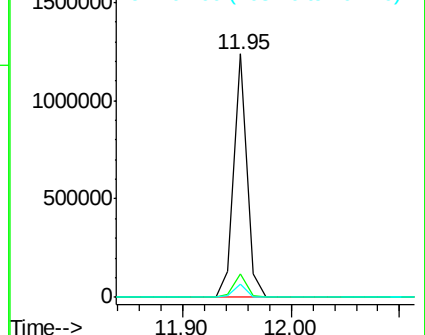
104 5.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.73 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

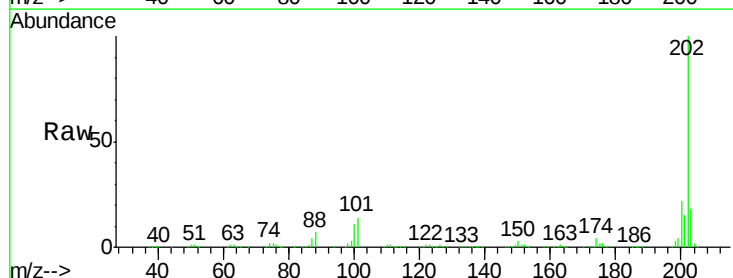
Tgt Ion:202 Resp: 997333

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.1

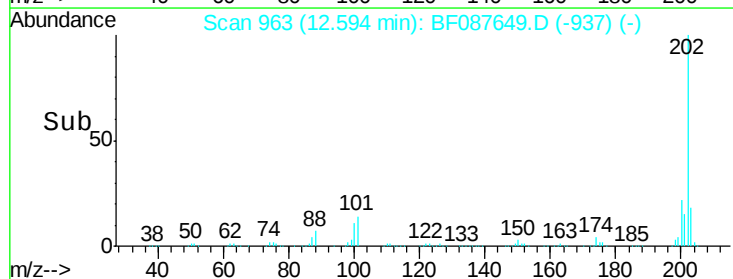
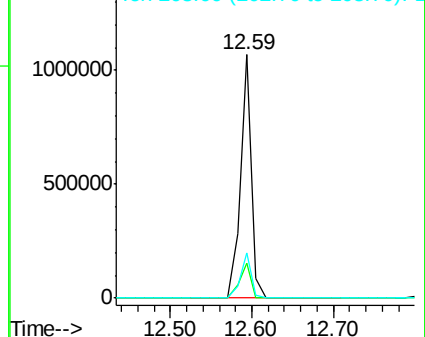
203 18.4 0.0 38.1

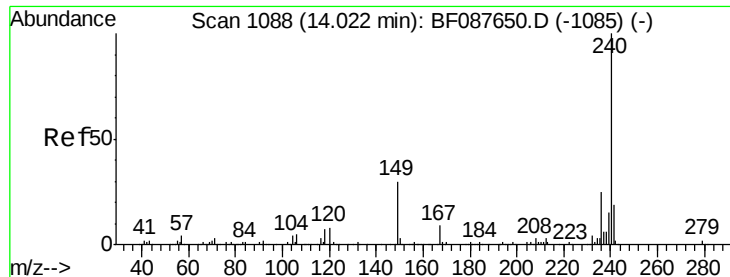


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

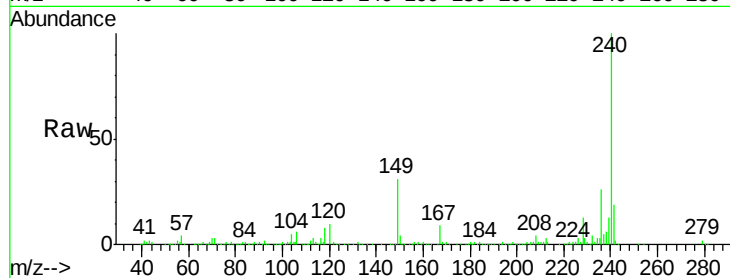
Tgt Ion:240 Resp: 313967

Ion Ratio Lower Upper

240 100

120 9.6 6.8 10.2

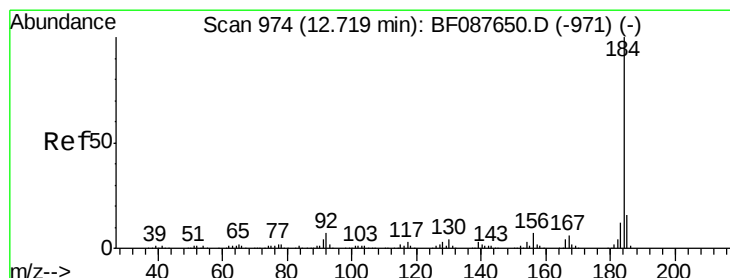
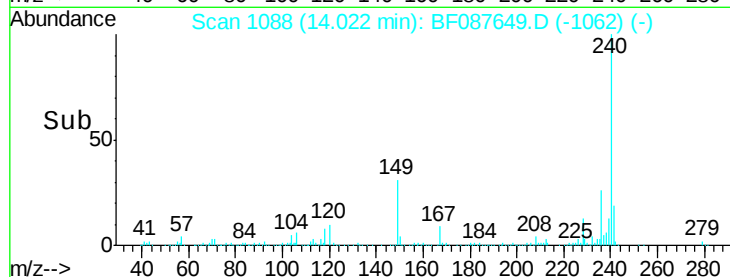
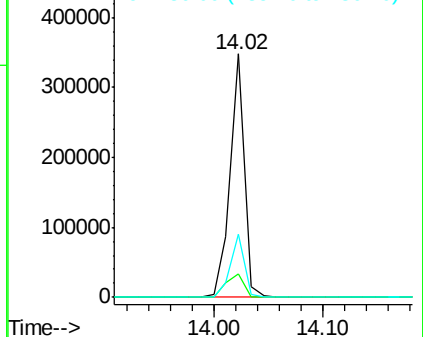
236 25.9 20.2 30.2



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: 71.82 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

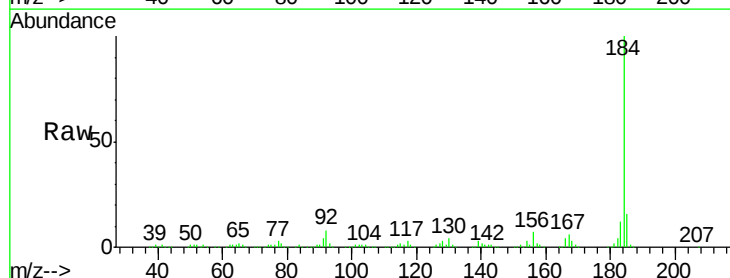
Tgt Ion:184 Resp: 643818

Ion Ratio Lower Upper

184 100

185 15.7 12.5 18.7

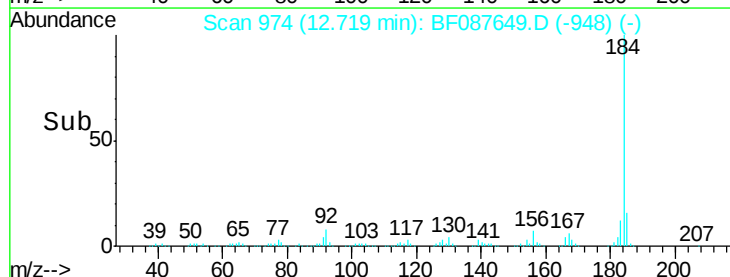
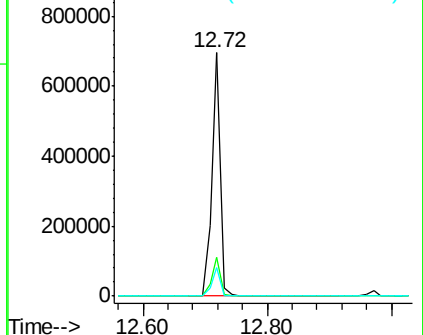
183 11.8 9.3 13.9

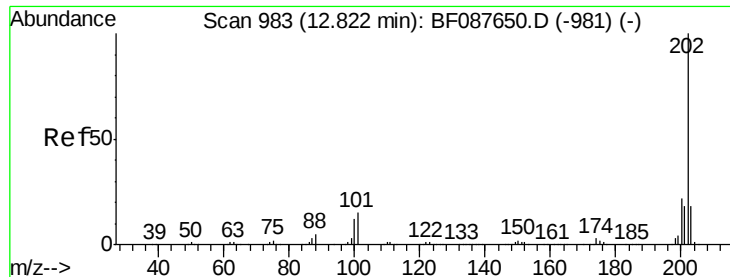


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.86 ng

RT: 12.82 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

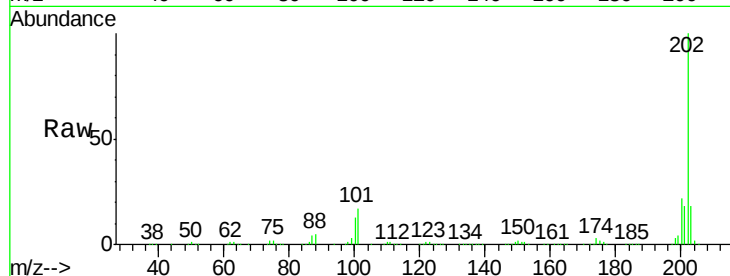
Tgt Ion:202 Resp: 1011701

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

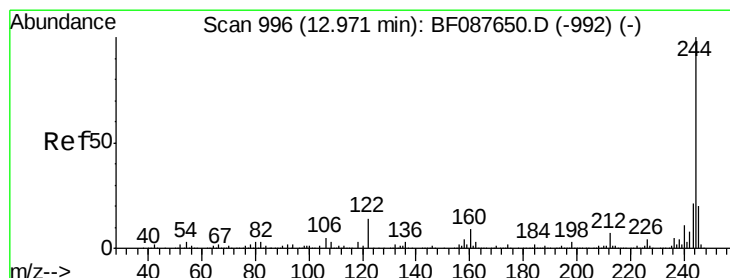
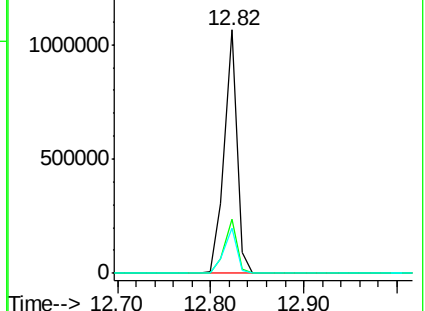
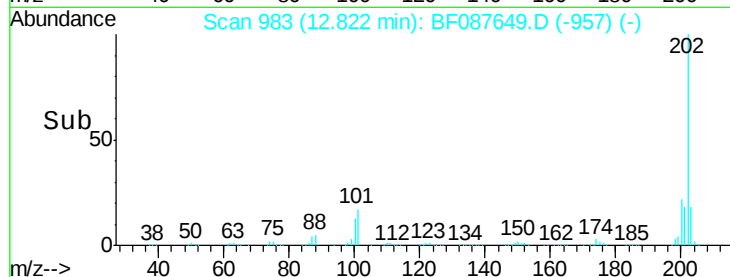
203 18.4 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.02 ng

RT: 12.97 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

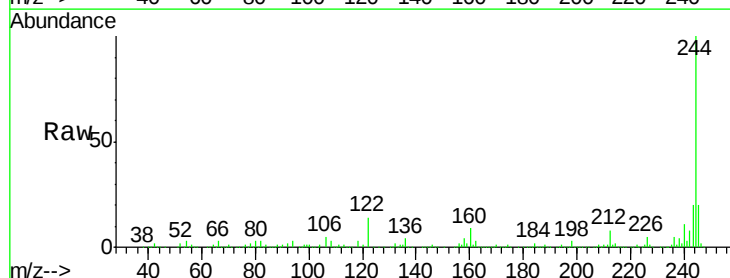
Tgt Ion:244 Resp: 1059920

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

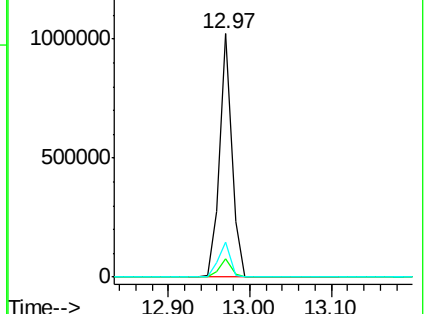
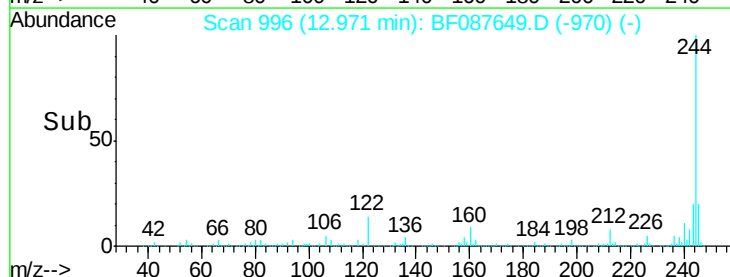
122 14.5 11.2 16.8

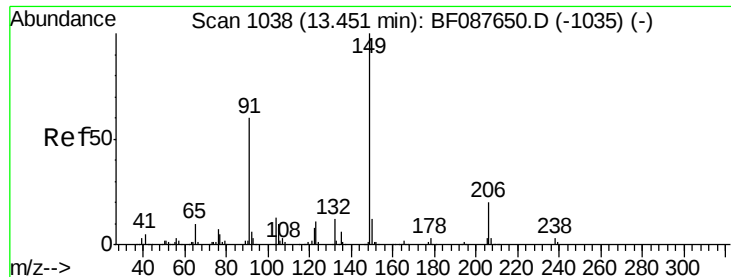


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.23 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

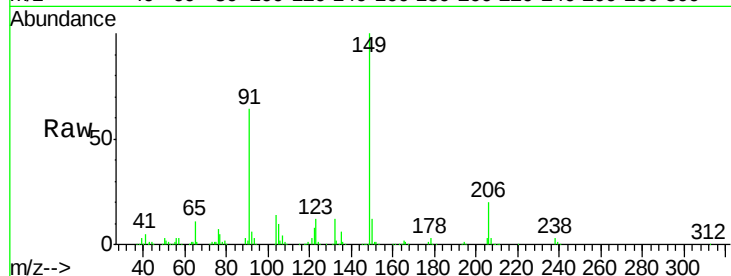
Tgt Ion:149 Resp: 490151

Ion Ratio Lower Upper

149 100

91 64.1 48.0 72.0

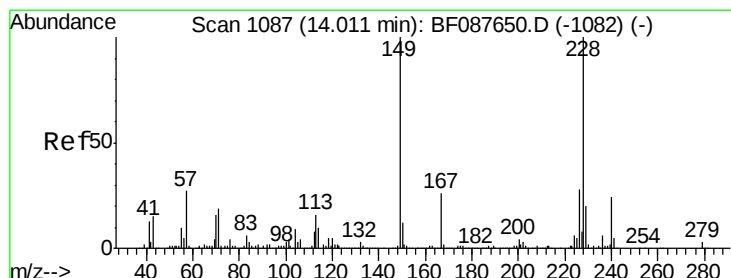
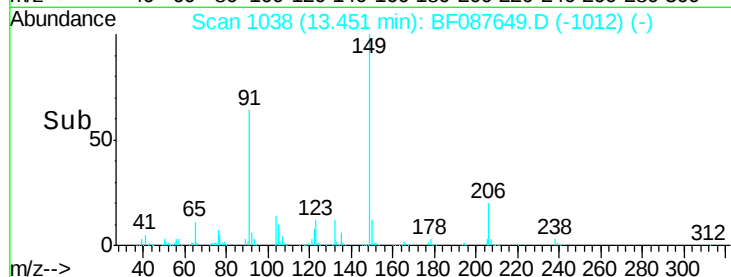
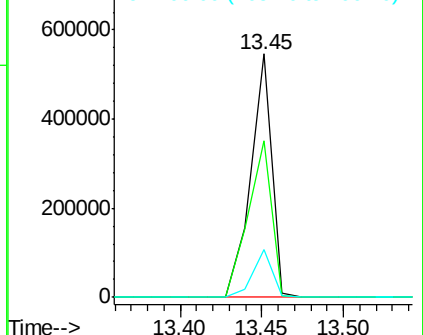
206 19.6 16.0 24.0



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: 47.08 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

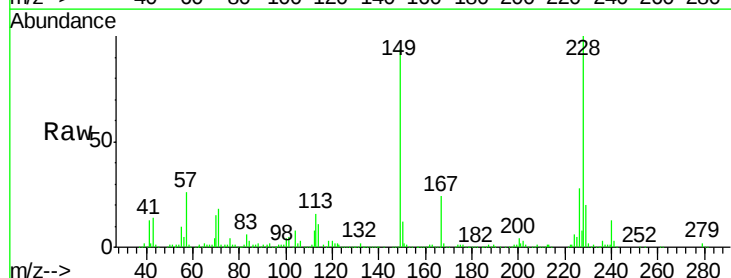
Tgt Ion:228 Resp: 842216

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

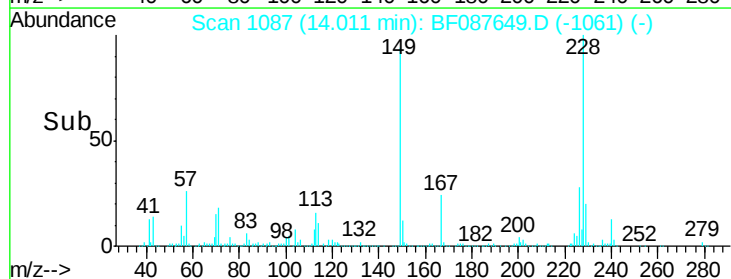
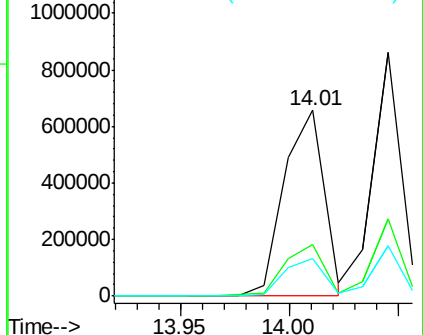
229 20.0 16.0 24.0

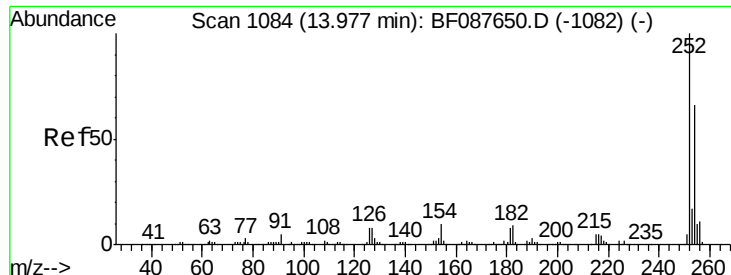


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

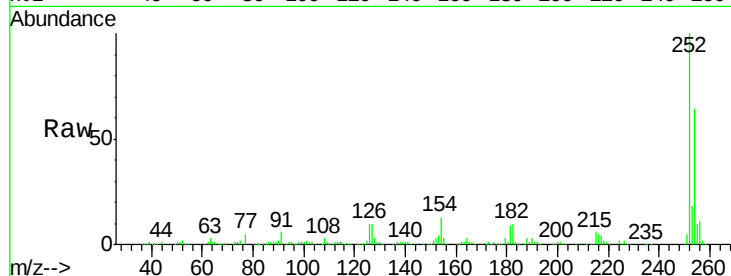




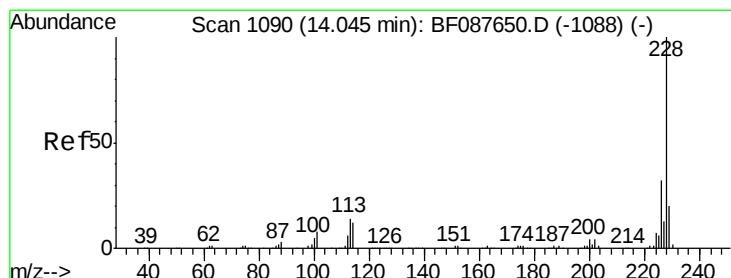
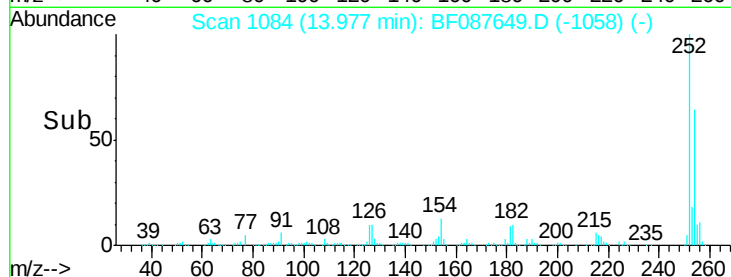
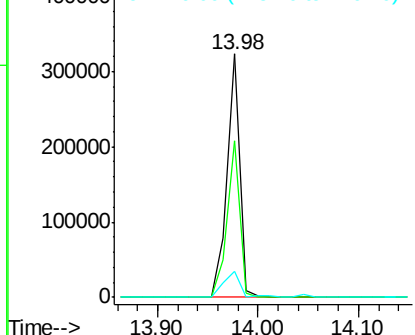
#81
 3,3'-Dichlorobenzidine
 Concen: 30.74 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 252 Resp: 285523
 Ion Ratio Lower Upper
 252 100
 254 64.1 52.6 78.8
 126 10.5 6.2 9.2#

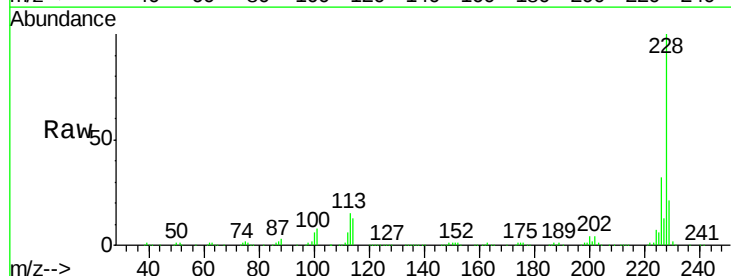


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

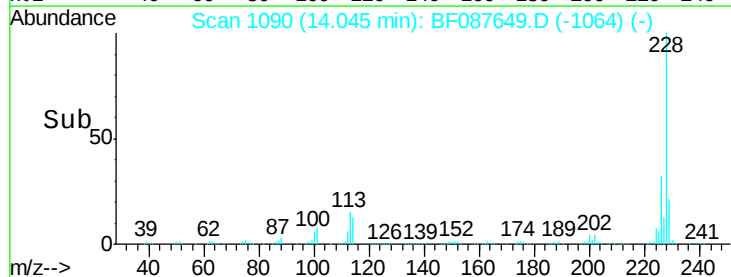
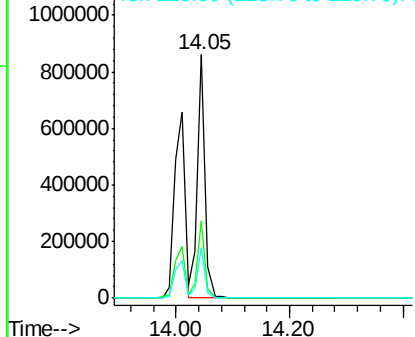


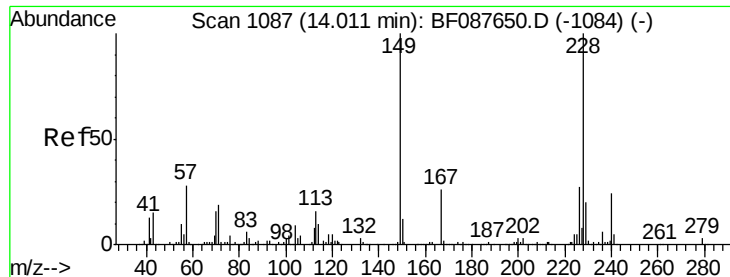
#82
 Chrysene
 Concen: 44.74 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion: 228 Resp: 797237
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.2
 229 20.5 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.44 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

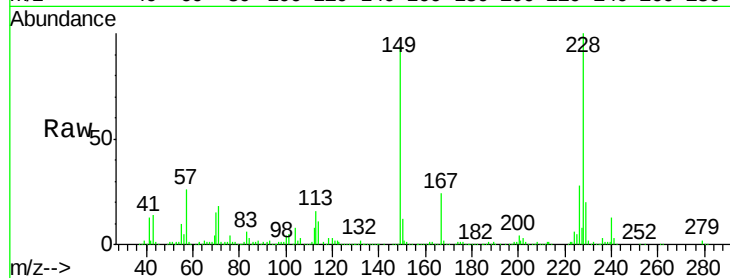
Tgt Ion:149 Resp: 545854

Ion Ratio Lower Upper

149 100

167 26.1 20.5 30.7

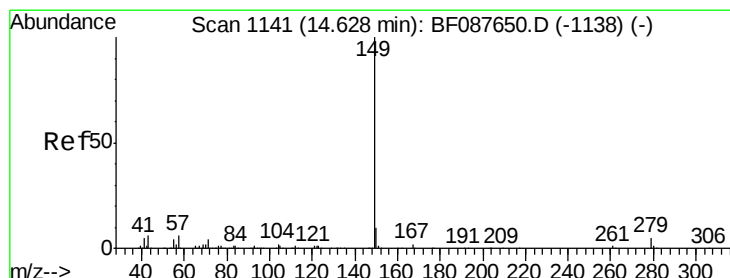
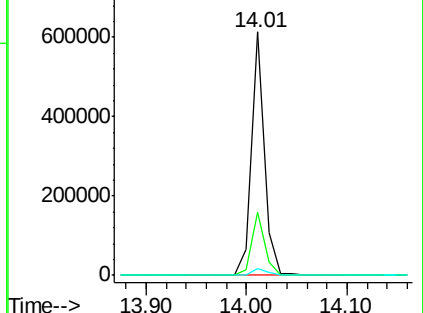
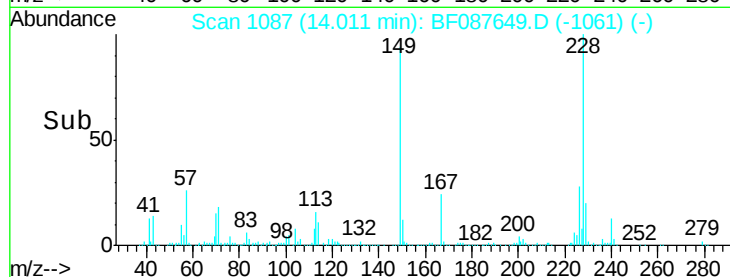
279 2.7 2.0 3.0



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: 47.10 ng

RT: 14.63 min Scan# 1141

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

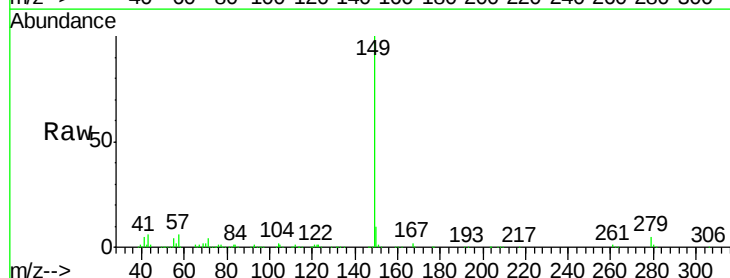
Tgt Ion:149 Resp: 1032696

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

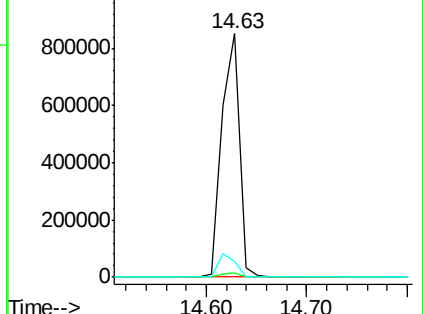
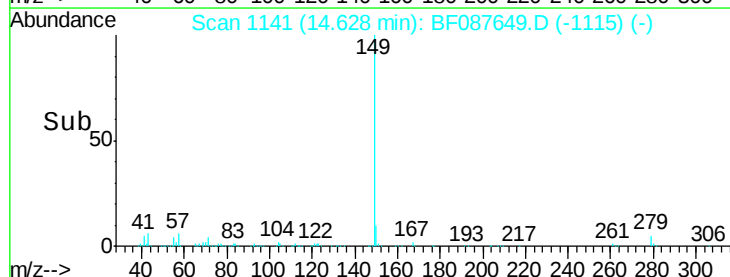
43 9.6 0.0 0.0#

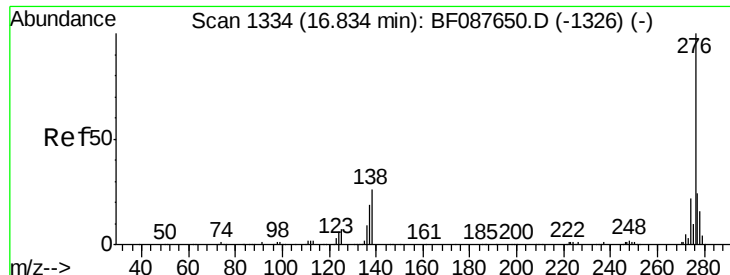


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

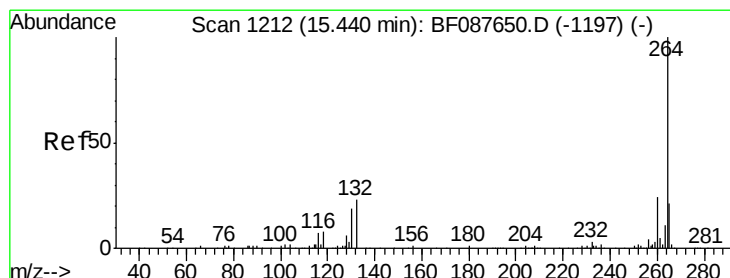
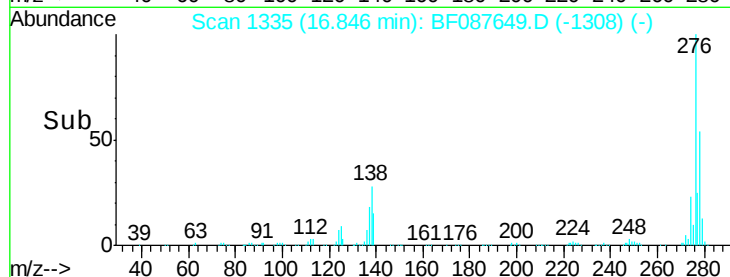
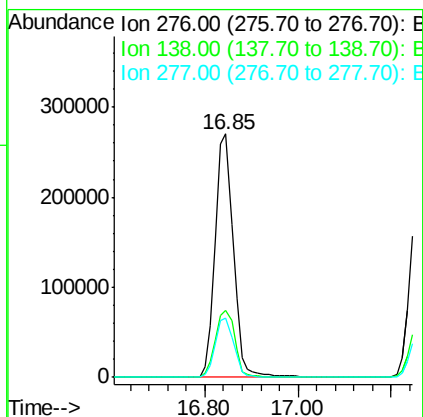
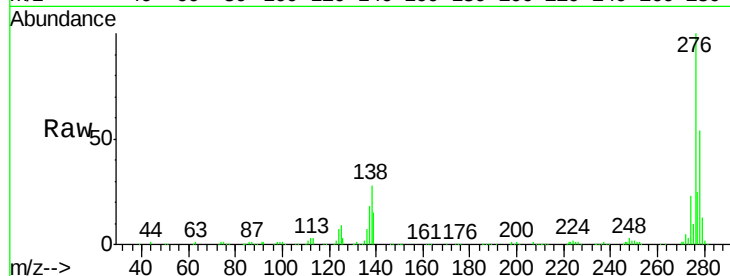




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.37 ng
 RT: 16.85 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

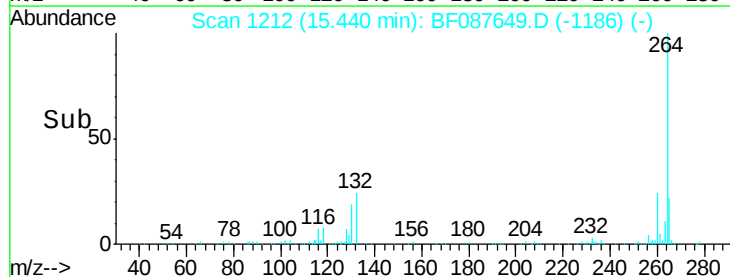
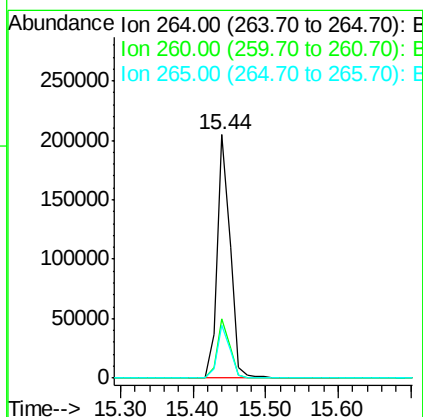
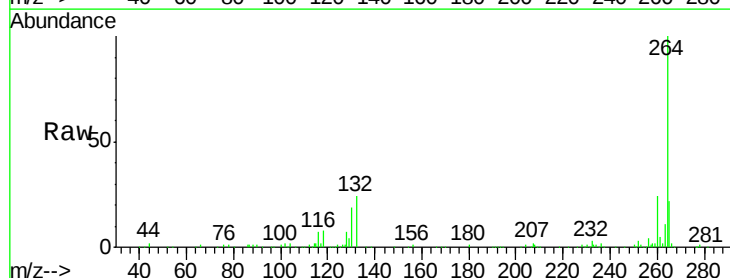
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

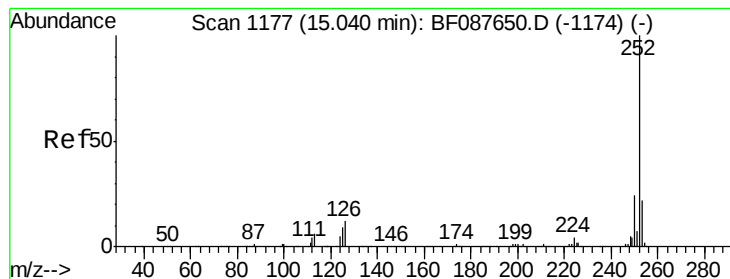
Tgt Ion: 276 Resp: 734167
 Ion Ratio Lower Upper
 276 100
 138 29.7 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087649.D
 Acq: 4 Jun 2016 3:50

Tgt Ion: 264 Resp: 254522
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.7 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 49.41 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

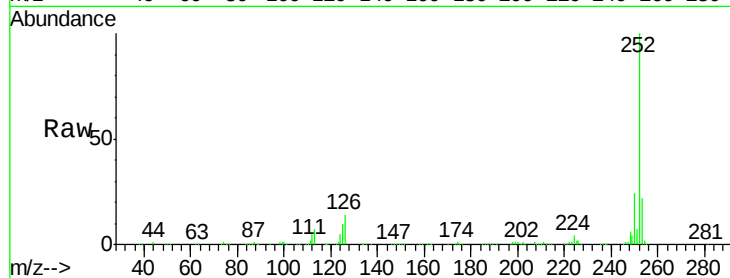
Tgt Ion:252 Resp: 797744

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

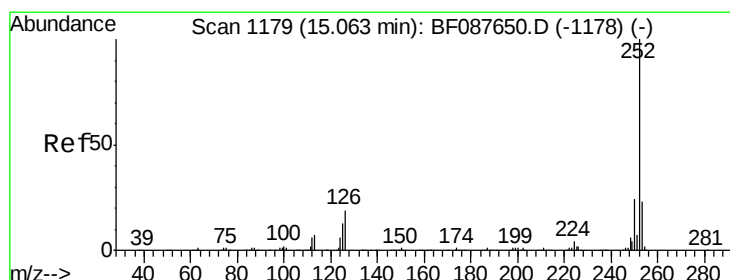
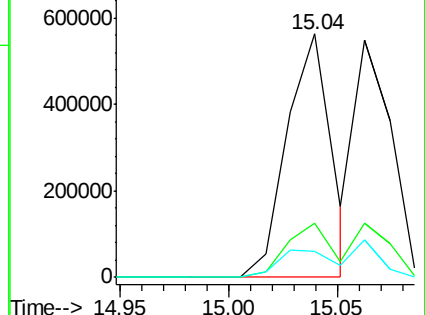
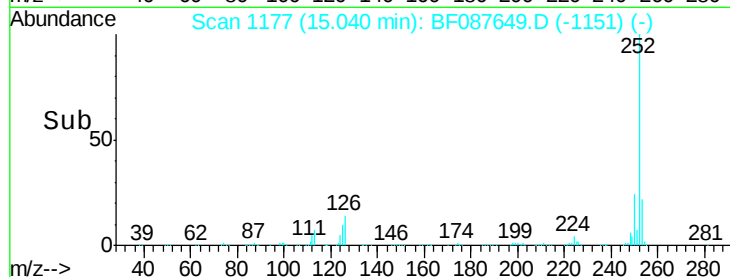
125 10.5 7.1 10.7



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



#88

Benzo(k)fluoranthene

Concen: 56.48 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

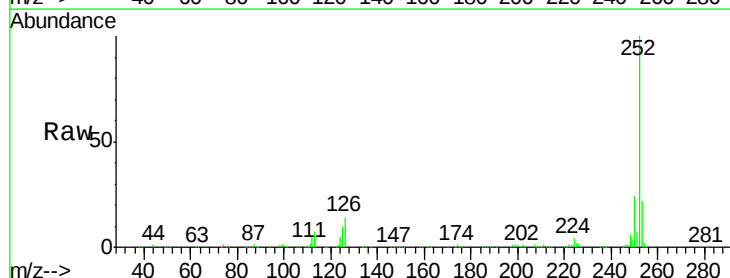
Tgt Ion:252 Resp: 797744

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

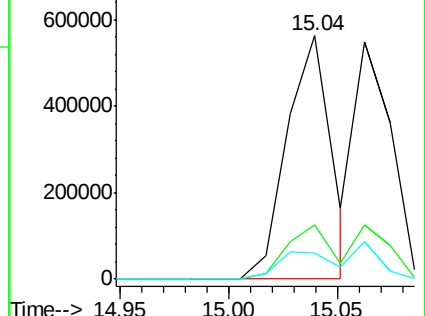
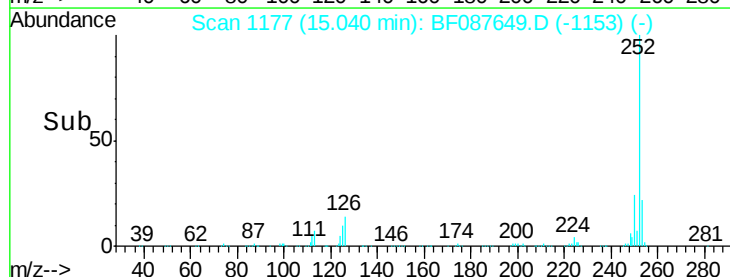
125 10.5 11.2 16.8#

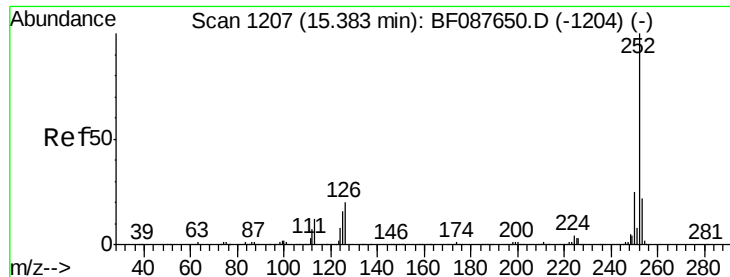


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

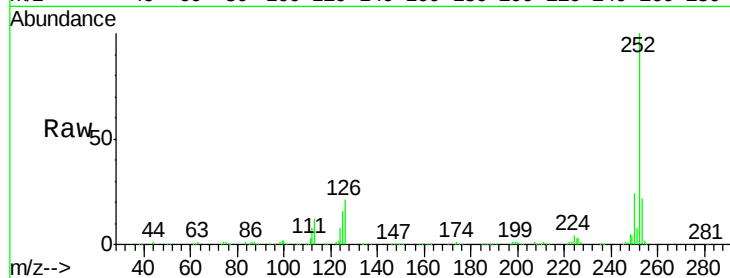




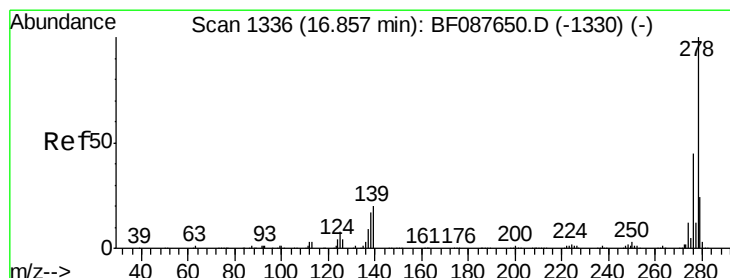
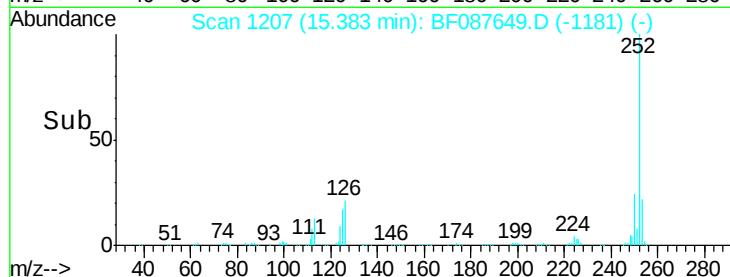
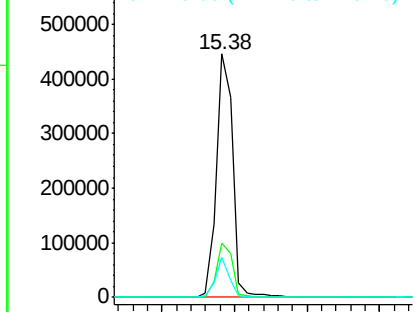
#89
Benzo(a)pyrene
Concen: 49.15 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 252 Resp: 692655
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 16.3 12.5 18.7

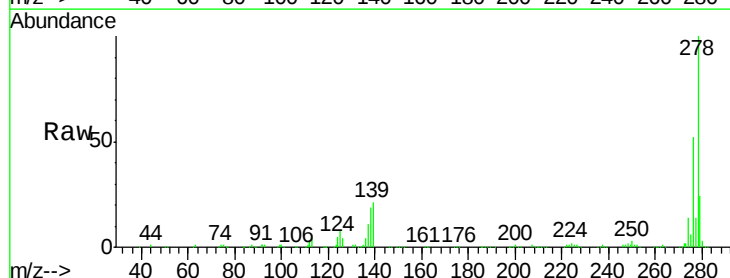


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

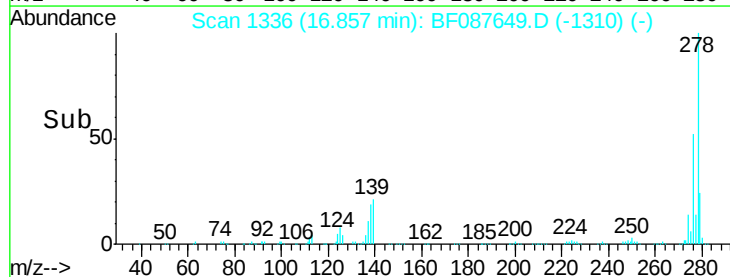
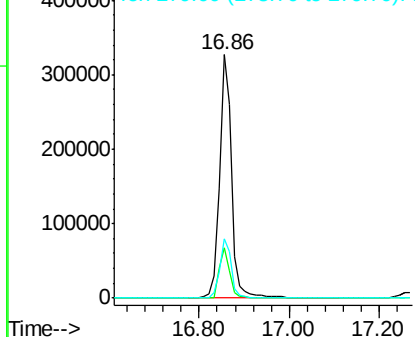


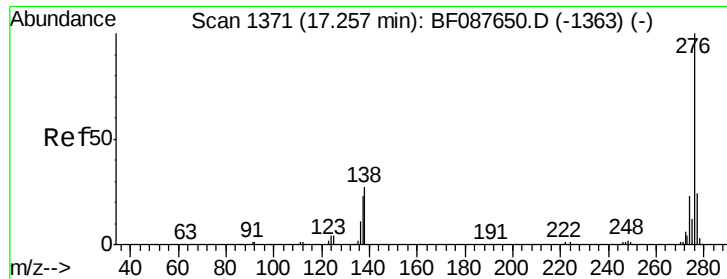
#90
Dibenzo(a,h)anthracene
Concen: 50.72 ng
RT: 16.86 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF087649.D
Acq: 4 Jun 2016 3:50

Tgt Ion: 278 Resp: 606544
Ion Ratio Lower Upper
278 100
139 20.8 15.7 23.5
279 24.3 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: 52.28 ng

RT: 17.27 min Scan# 1372

Delta R.T. 0.01 min

Lab File: BF087649.D

Acq: 4 Jun 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

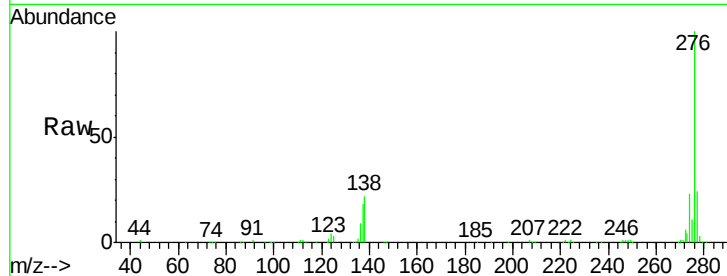
Tgt Ion: 276 Resp: 618870

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 22.0 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

