

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030116\
 Data File : BF085101.D
 Acq On : 1 Mar 2016 20:01
 Operator : SJ/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Mar 02 00:46:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 00:39:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	218606	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	842629	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	409333	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	768995	20.00	ng	0.00
75) Chrysene-d12	14.16	240	573888	20.00	ng	0.00
86) Perylene-d12	15.62	264	473654	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	1223322	98.01	ng	0.00
7) Phenol-d6	6.62	99	1706295	108.28	ng	0.00
23) Nitrobenzene-d5	7.55	82	1604729	113.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	425434	98.11	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	2542022	92.34	ng	0.00
78) Terphenyl-d14	13.10	244	2290810	109.20	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	326351	54.50	ng	99
3) Pyridine	3.47	79	820218	52.11	ng	98
4) n-Nitrosodimethylamine	3.43	42	392098	53.34	ng	100
6) Aniline	6.65	93	1228170	55.40	ng	96
8) 2-Chlorophenol	6.78	128	760178	52.45	ng	97
9) Benzaldehyde	6.54	77	396128	43.70	ng	99
10) Phenol	6.63	94	1103001	65.28	ng	98
11) bis(2-Chloroethyl)ether	6.73	93	788959	54.57	ng	95
12) 1,3-Dichlorobenzene	6.94	146	830807	52.85	ng	99
13) 1,4-Dichlorobenzene	7.00	146	775932	49.51	ng	99
14) 1,2-Dichlorobenzene	7.16	146	750585	50.94	ng	98
15) Benzyl Alcohol	7.13	79	639829	54.87	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1065707	49.27	ng	100
17) 2-Methylphenol	7.23	107	638184	54.24	ng	99
18) Hexachloroethane	7.51	117	305335	53.61	ng	99
19) n-Nitroso-di-n-propylamine	7.40	70	555026	50.68	ng	92
20) 3+4-Methylphenols	7.39	107	724700	50.19	ng	99
22) Acetophenone	7.40	105	1072012	51.03	ng	97
24) Nitrobenzene	7.58	77	863562	60.50	ng	97
25) Isophorone	7.82	82	1512971	51.87	ng	99
26) 2-Nitrophenol	7.90	139	388869	72.54	ng	97
27) 2,4-Dimethylphenol	7.92	122	704772	51.06	ng	94
28) bis(2-Chloroethoxy)methane	8.02	93	815230	47.59	ng	99
29) 2,4-Dichlorophenol	8.12	162	578056	49.11	ng	99
30) 1,2,4-Trichlorobenzene	8.22	180	617962	46.55	ng	99
31) Naphthalene	8.30	128	1990212	49.31	ng	100
32) Benzoic acid	8.04	122	411587	46.87	ng	100
33) 4-Chloroaniline	8.34	127	810389	46.59	ng	99
34) Hexachlorobutadiene	8.42	225	381326	47.49	ng	99
35) Caprolactam	8.73	113	207191	58.39	ng	# 77
36) 4-Chloro-3-methylphenol	8.82	107	703594	55.92	ng	97
37) 2-Methylnaphthalene	8.99	142	1349665	51.34	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	558123	40.81	ng	99
40) Hexachlorocyclopentadiene	9.14	237	354243	47.65	ng	98

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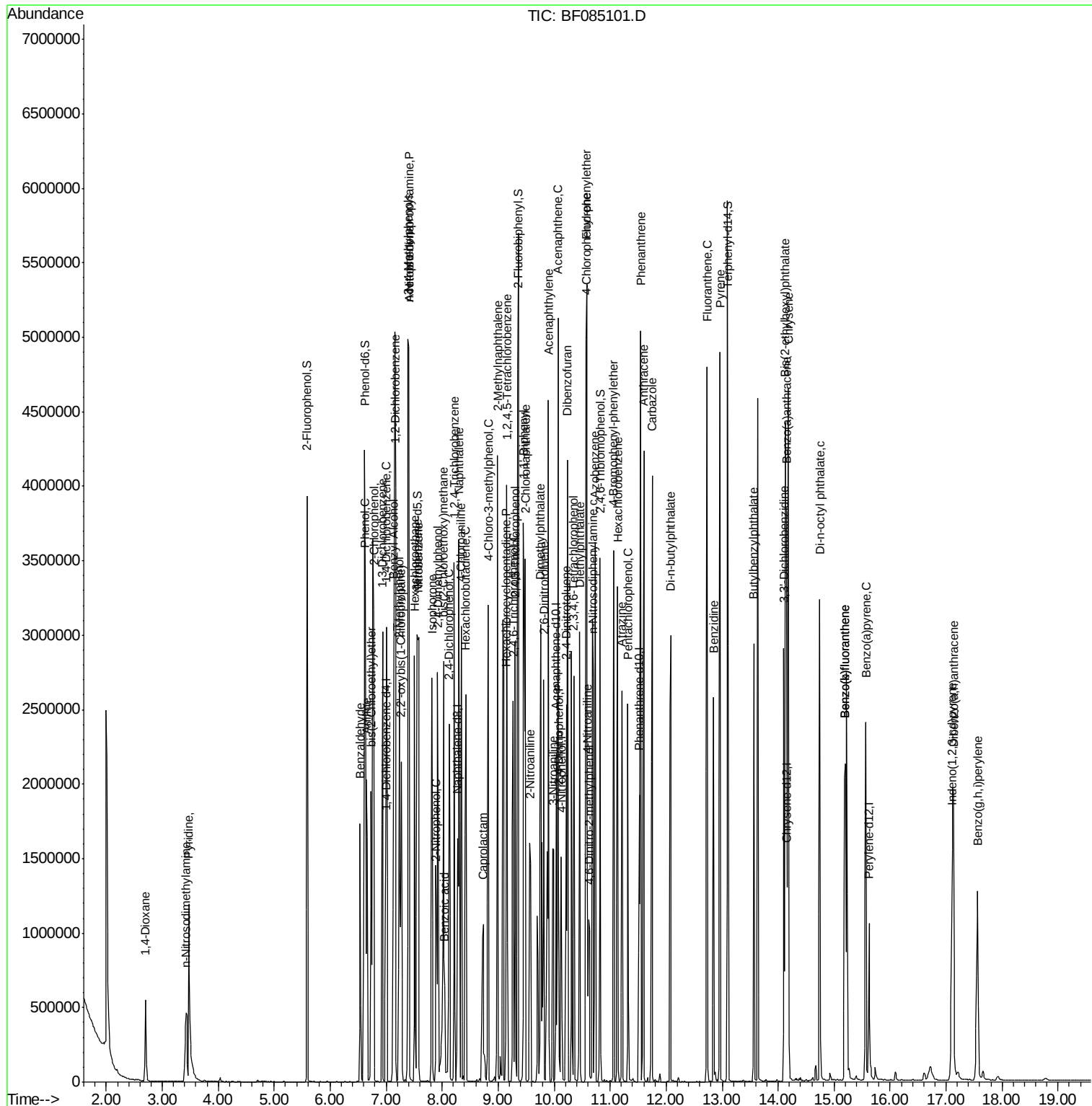
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	437495	50.03	ng	100
43) 2,4,5-Trichlorophenol	9.30	196	430667	50.25	ng	97
45) 1,1'-Biphenyl	9.45	154	1667917	47.77	ng	95
46) 2-Chloronaphthalene	9.48	162	1308793	50.92	ng	97
47) 2-Nitroaniline	9.56	65	398819	60.76	ng	# 69
48) Acenaphthylene	9.90	152	1830758	44.25	ng	100
49) Dimethylphthalate	9.76	163	1564599	52.47	ng	99
50) 2,6-Dinitrotoluene	9.82	165	360615	57.22	ng	90
51) Acenaphthene	10.07	154	1161969	45.46	ng	99
52) 3-Nitroaniline	9.99	138	410661	55.43	ng	87
53) 2,4-Dinitrophenol	10.08	184	108323	64.02	ng	# 52
54) Dibenzofuran	10.24	168	1523191	44.78	ng	99
55) 4-Nitrophenol	10.12	139	274640	46.82	ng	# 55
56) 2,4-Dinitrotoluene	10.22	165	441682	56.98	ng	94
57) Fluorene	10.58	166	1213902	43.41	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	337901	48.43	ng	98
59) Diethylphthalate	10.46	149	1461548	47.29	ng	99
60) 4-Chlorophenyl-phenylether	10.57	204	584552	40.82	ng	100
61) 4-Nitroaniline	10.59	138	347368	49.57	ng	84
62) Azobenzene	10.73	77	1468454	49.33	ng	100
64) 4,6-Dinitro-2-methylphenol	10.63	198	232552	64.41	ng	84
65) n-Nitrosodiphenylamine	10.70	169	1159153	47.92	ng	99
66) 4-Bromophenyl-phenylether	11.06	248	393867	44.48	ng	97
67) Hexachlorobenzene	11.13	284	459681	48.96	ng	96
68) Atrazine	11.21	200	311367	44.41	ng	99
69) Pentachlorophenol	11.31	266	265729	46.92	ng	98
70) Phenanthrene	11.54	178	1771621	46.01	ng	99
71) Anthracene	11.60	178	2088816	53.43	ng	99
72) Carbazole	11.75	167	1848931	52.21	ng	99
73) Di-n-butylphthalate	12.08	149	2187895	53.53	ng	100
74) Fluoranthene	12.73	202	2036131	48.82	ng	99
76) Benzidine	12.85	184	858568	51.02	ng	99
77) Pyrene	12.96	202	2019282	57.46	ng	99
79) Butylbenzylphthalate	13.57	149	865736	61.39	ng	# 62
80) Benzo(a)anthracene	14.15	228	1690158	52.45	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	548753	46.90	ng	99
82) Chrysene	14.18	228	1619543	54.70	ng	100
83) Bis(2-ethylhexyl)phthalate	14.13	149	1040986	55.45	ng	99
84) Di-n-octyl phthalate	14.74	149	1579298	52.78	ng	100
85) Indeno(1,2,3-cd)pyrene	17.11	276	1389881	48.49	ng	100
87) Benzo(b)fluoranthene	15.20	252	1444445	48.07	ng	99
88) Benzo(k)fluoranthene	15.20	252	1444445	60.24	ng	# 94
89) Benzo(a)pyrene	15.57	252	1200216	47.16	ng	100
90) Dibenzo(a,h)anthracene	17.13	278	1157611	52.03	ng	100
91) Benzo(g,h,i)perylene	17.57	276	1162871	52.88	ng	99

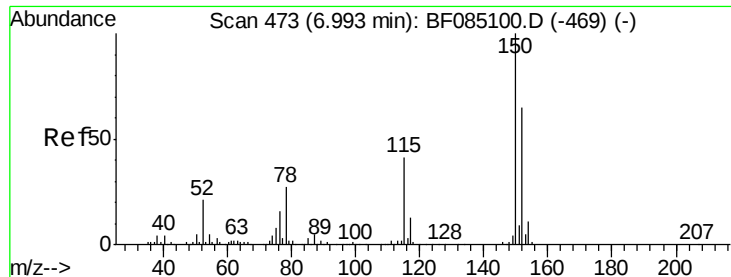
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

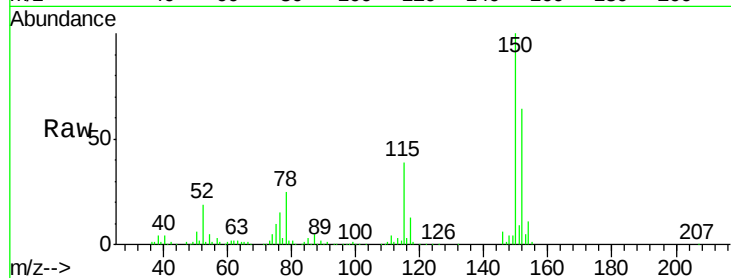
Tgt Ion:152 Resp: 218606

Ion Ratio Lower Upper

152 100

150 156.3 123.4 185.0

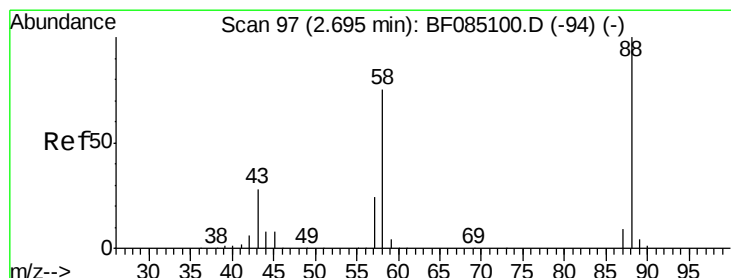
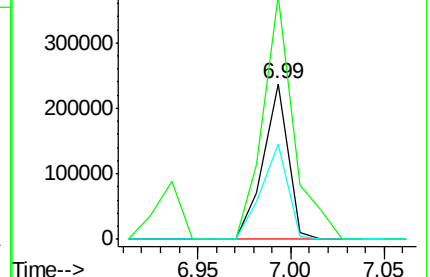
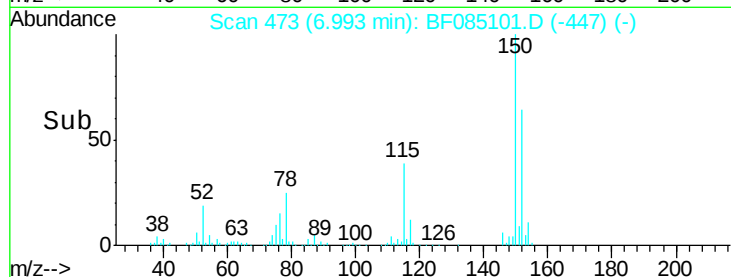
115 60.8 50.0 75.0



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: 54.50 ng

RT: 2.70 min Scan# 97

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

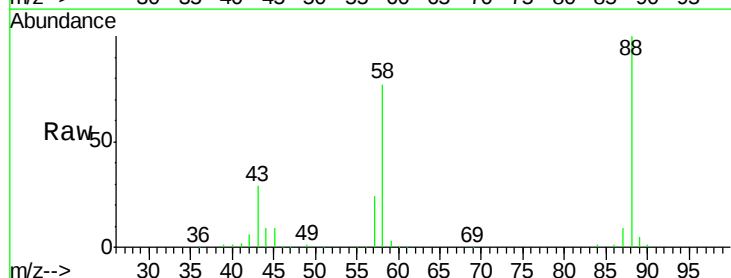
Tgt Ion: 88 Resp: 326351

Ion Ratio Lower Upper

88 100

58 73.7 58.4 87.6

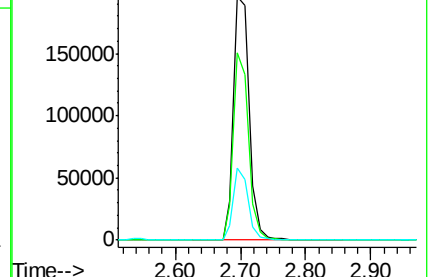
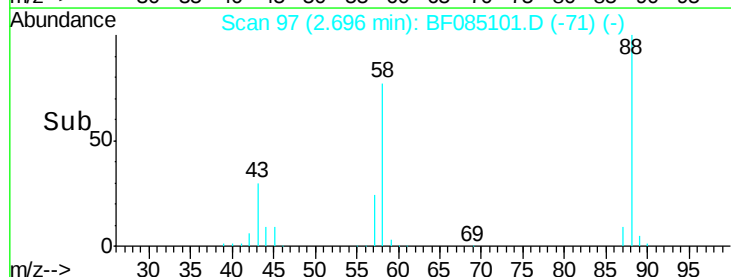
43 28.3 22.2 33.4

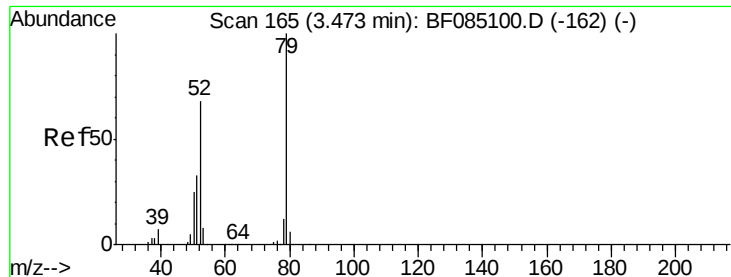


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 52.11 ng

RT: 3.47 min Scan# 165

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

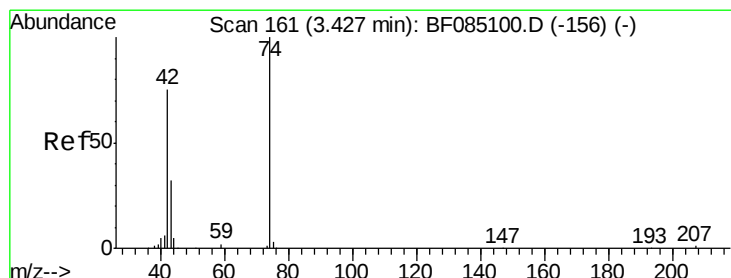
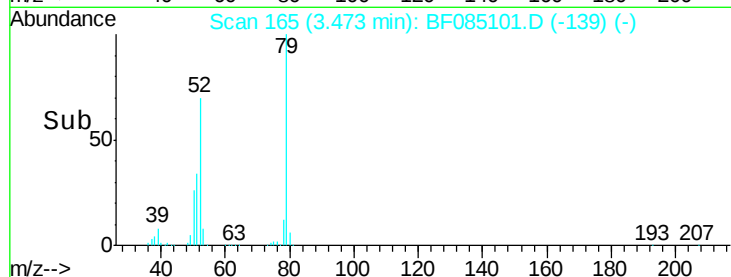
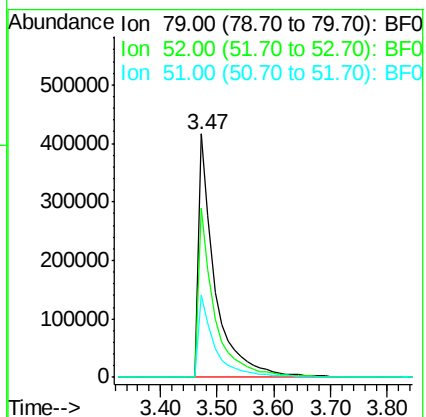
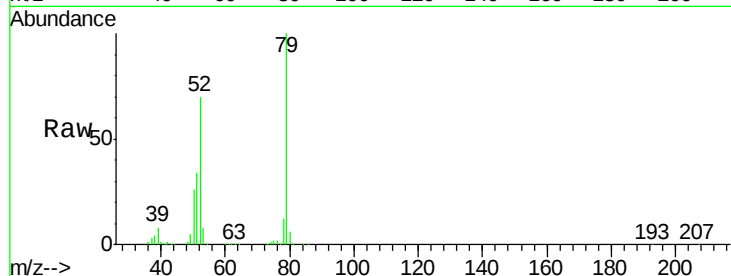
Tgt Ion: 79 Resp: 820218

Ion Ratio Lower Upper

79 100

52 69.8 54.1 81.1

51 33.8 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 53.34 ng

RT: 3.43 min Scan# 161

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

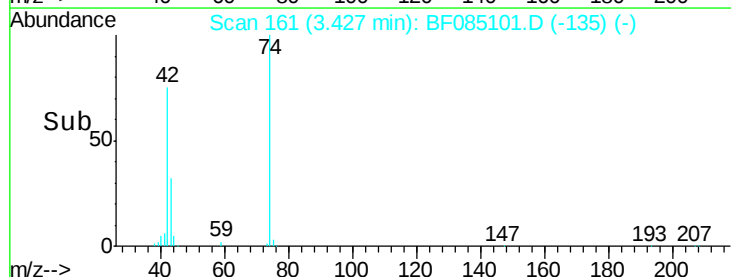
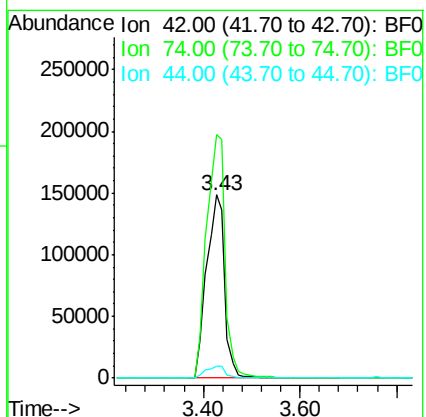
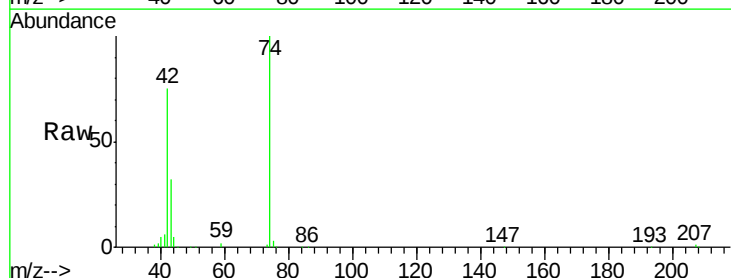
Tgt Ion: 42 Resp: 392098

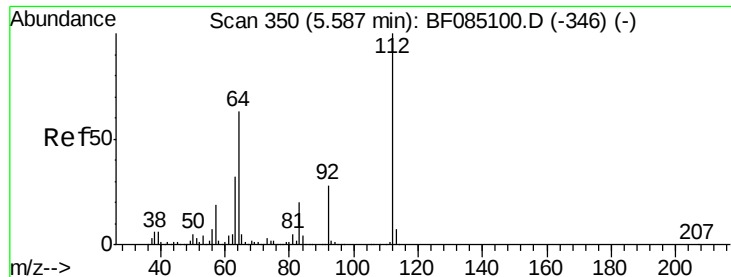
Ion Ratio Lower Upper

42 100

74 133.1 106.6 160.0

44 6.8 5.4 8.2





#5

2-Fluorophenol

Concen: 98.01 ng

RT: 5.59 min Scan# 350

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

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ClientSampleId :

SSTDICC050

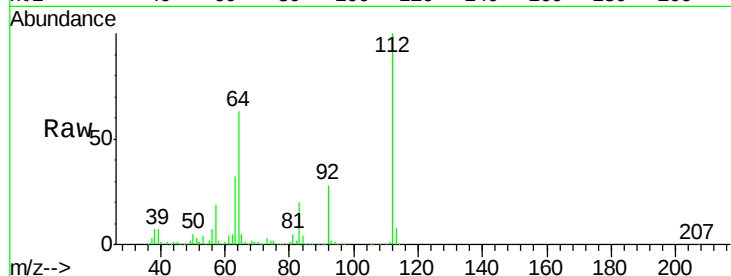
Tgt Ion: 112 Resp: 1223322

Ion Ratio Lower Upper

112 100

64 63.4 50.6 76.0

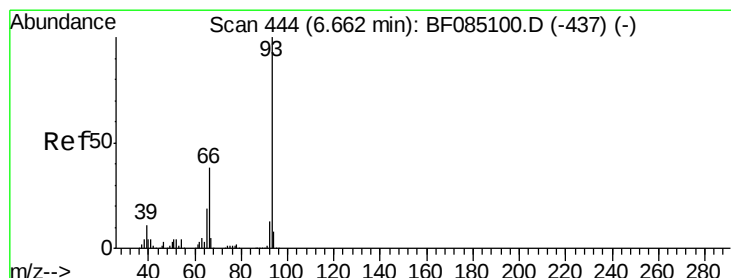
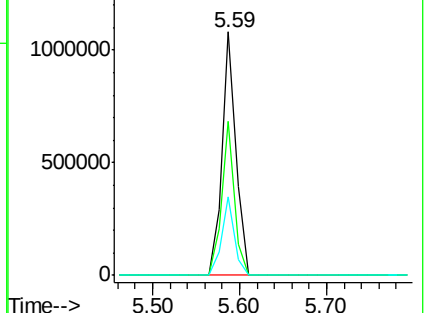
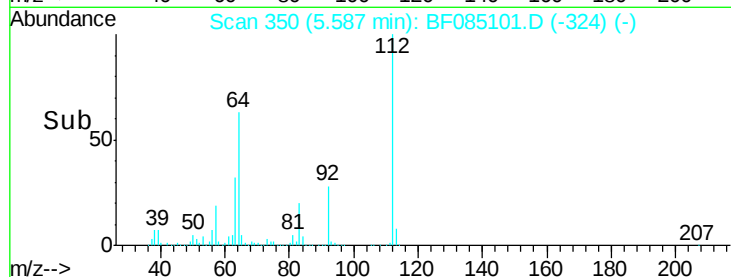
63 32.3 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 55.40 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

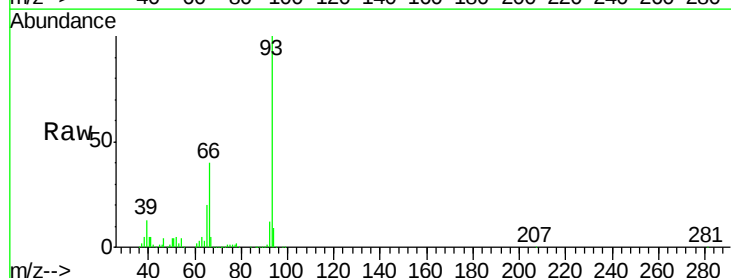
Tgt Ion: 93 Resp: 1228170

Ion Ratio Lower Upper

93 100

66 40.0 30.1 45.1

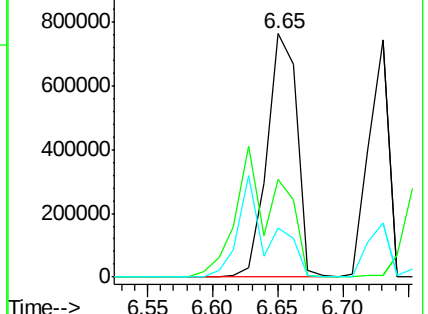
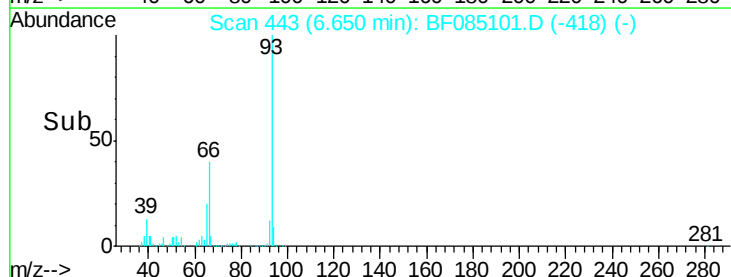
65 20.2 15.0 22.6

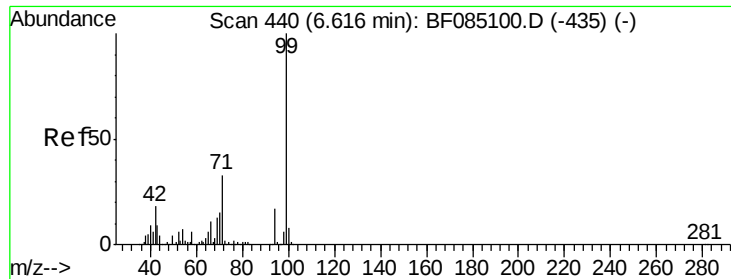


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.28 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

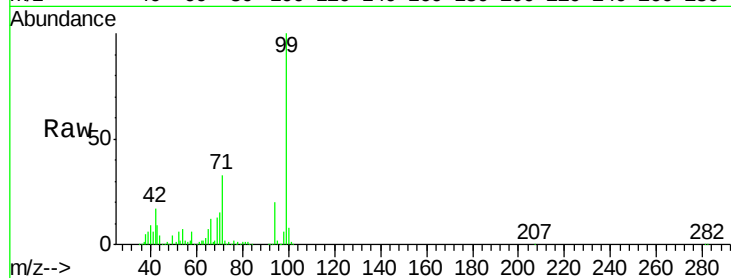
BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 99 Resp: 1706295

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.1	21.1
71	32.8	26.8	40.2



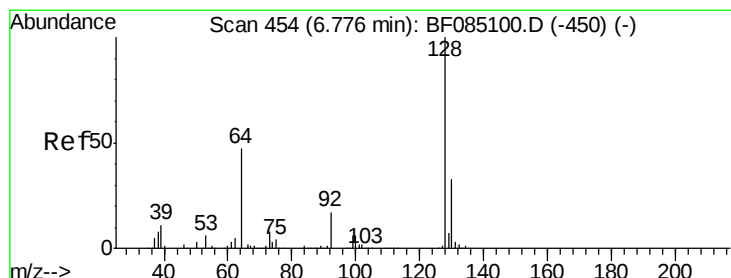
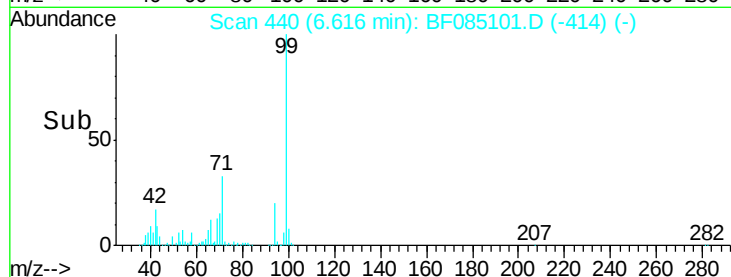
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

6.62

Time-->



#8

2-Chlorophenol

Concen: 52.45 ng

RT: 6.78 min Scan# 454

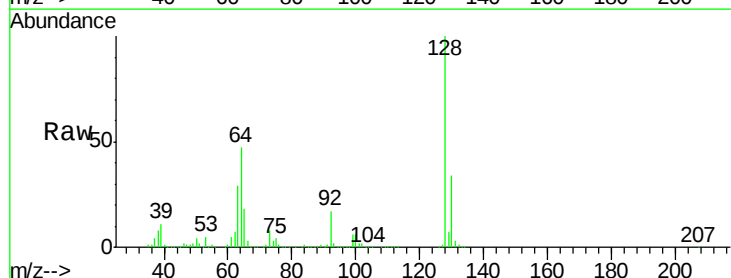
Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Tgt Ion: 128 Resp: 760178

Ion	Ratio	Lower	Upper
128	100		
130	33.7	13.1	53.1
64	47.0	29.6	69.6



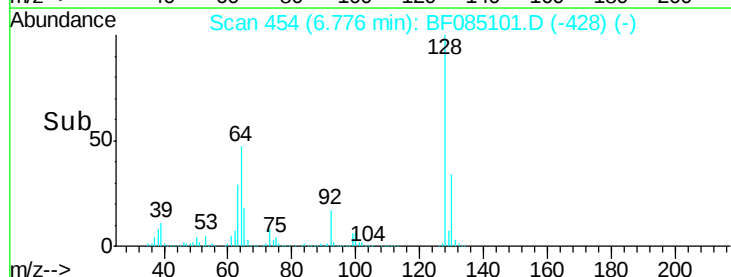
Abundance Ion 128.00 (127.70 to 128.70): E

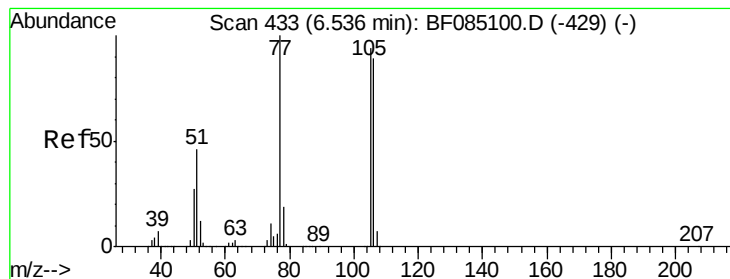
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

6.78

Time-->





#9

Benzaldehyde

Concen: 43.70 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

BNA_F

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SSTDICC050

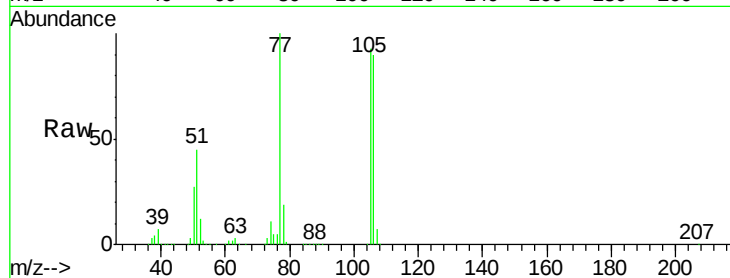
Tgt Ion: 77 Resp: 396128

Ion Ratio Lower Upper

77 100

105 93.4 73.7 113.7

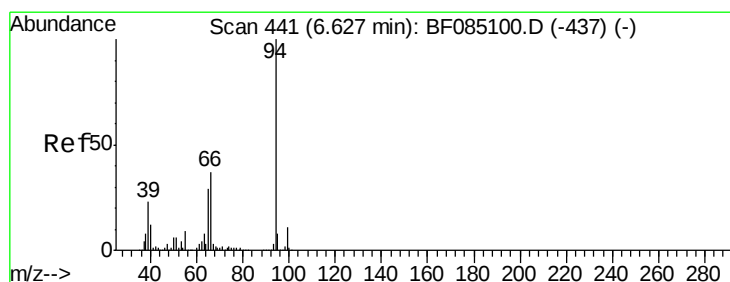
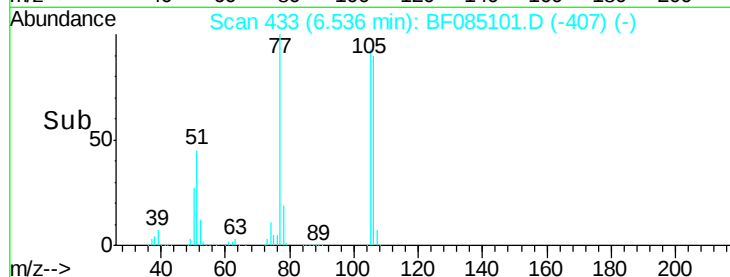
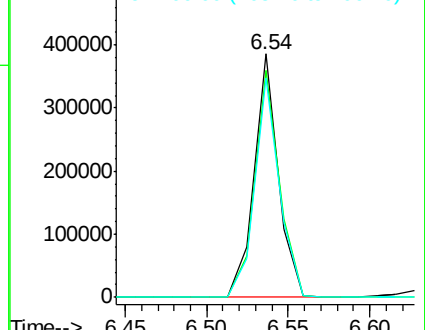
106 90.3 69.2 109.2



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: 65.28 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

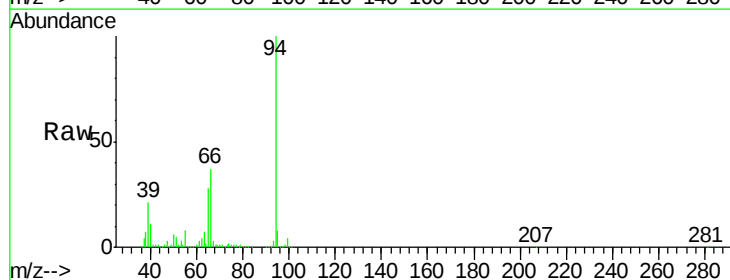
Tgt Ion: 94 Resp: 1103001

Ion Ratio Lower Upper

94 100

65 28.1 9.1 49.1

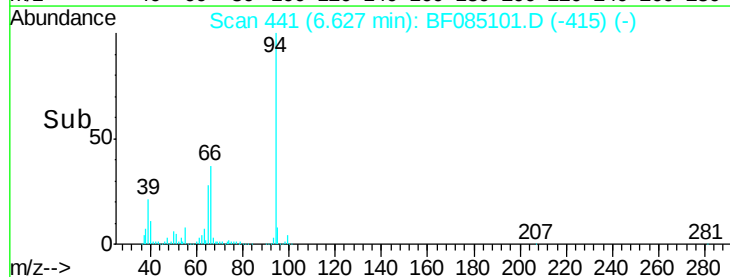
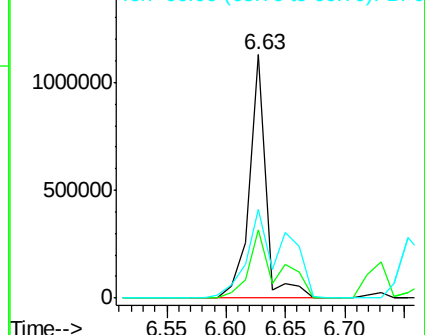
66 36.5 17.5 57.5

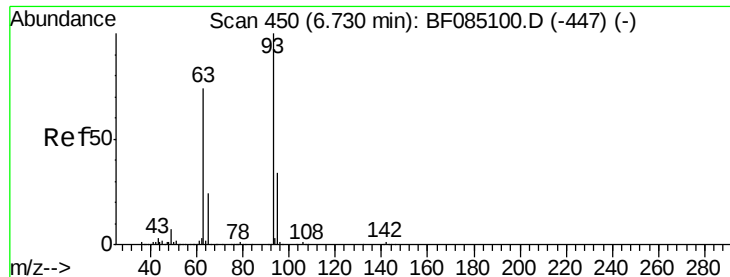


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

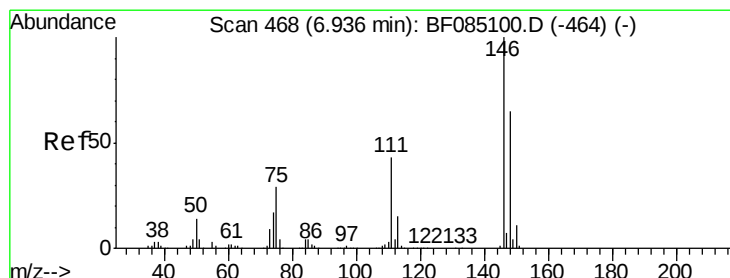
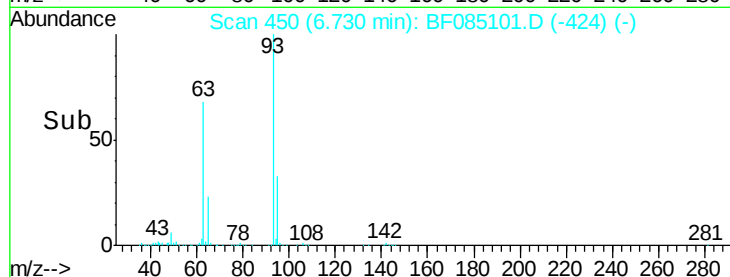
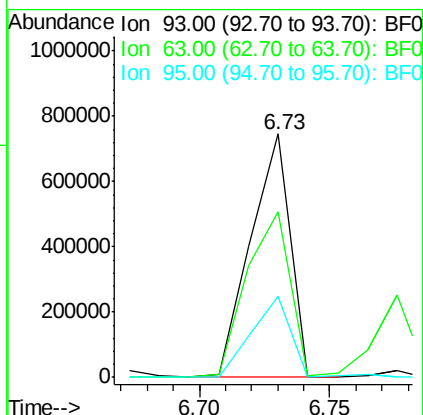
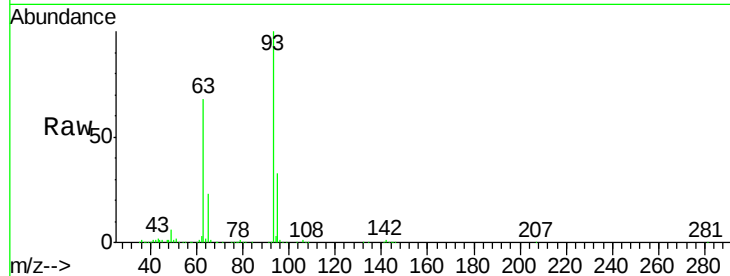




#11
bis(2-Chloroethyl)ether
Concen: 54.57 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF085101.D
Acq: 1 Mar 2016 20:01

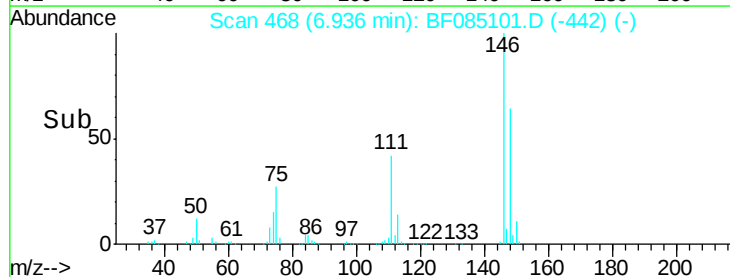
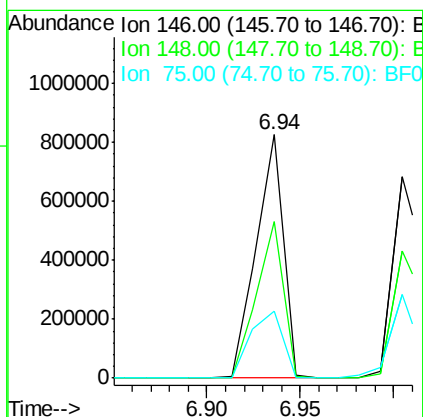
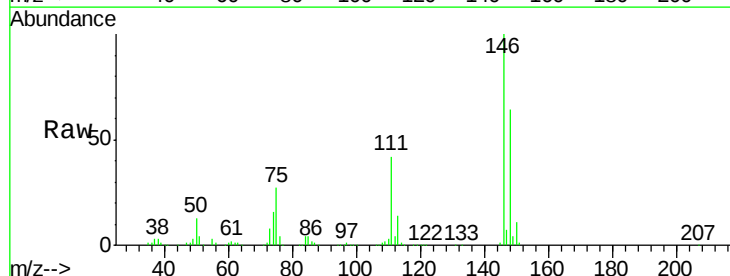
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

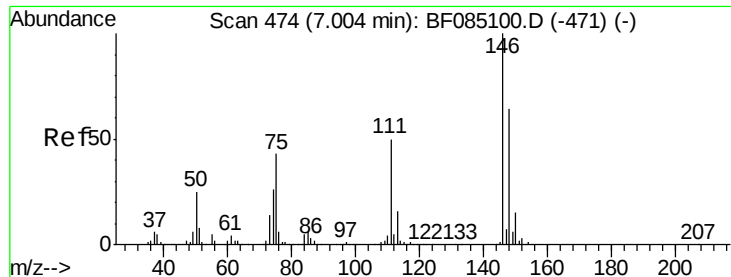
Tgt Ion:	93	Resp:	788959
Ion	Ratio	Lower	Upper
93	100		
63	67.8	53.9	93.9
95	33.3	13.8	53.8



#12
1,3-Dichlorobenzene
Concen: 52.85 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF085101.D
Acq: 1 Mar 2016 20:01

Tgt Ion:	146	Resp:	830807
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
75	27.4	23.3	34.9

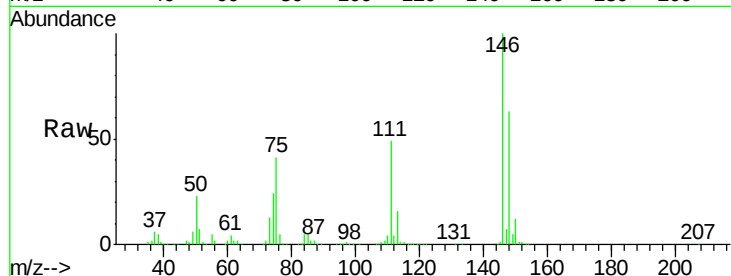




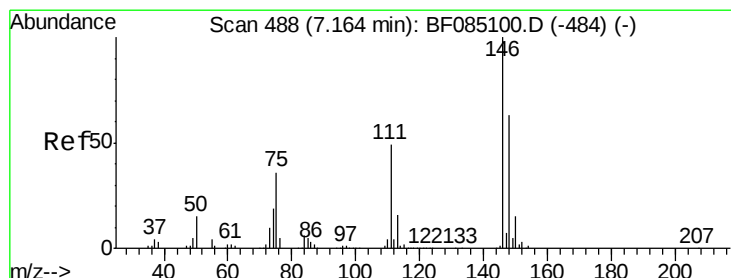
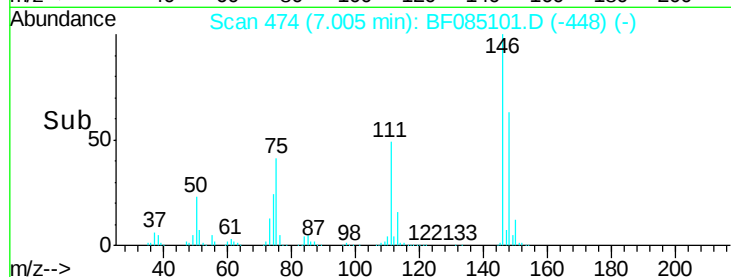
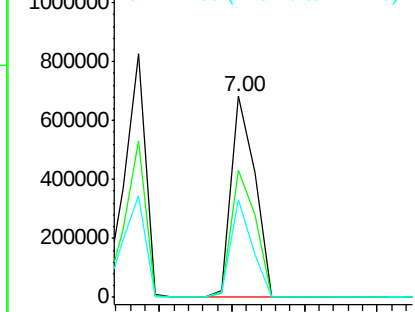
#13
 1,4-Dichlorobenzene
 Concen: 49.51 ng
 RT: 7.00 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF085101.D
 Acq: 1 Mar 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:146 Resp: 775932
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 48.7 40.0 60.0

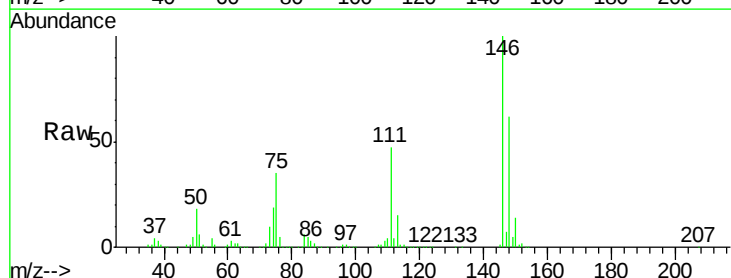


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

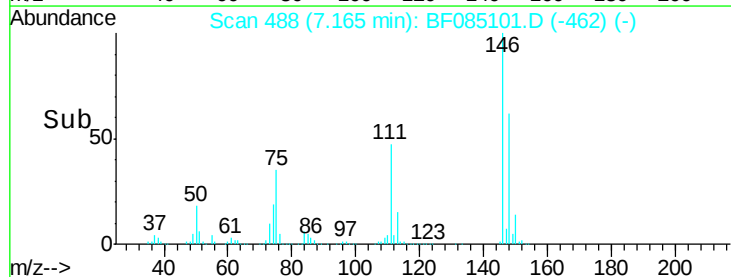
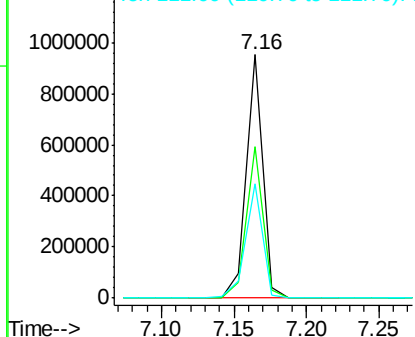


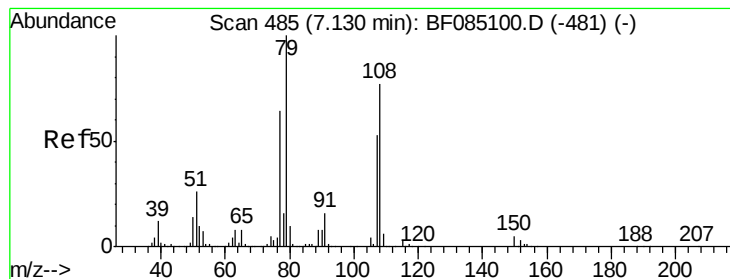
#14
 1,2-Dichlorobenzene
 Concen: 50.94 ng
 RT: 7.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF085101.D
 Acq: 1 Mar 2016 20:01

Tgt Ion:146 Resp: 750585
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.5 75.7
 111 47.2 38.9 58.3



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: 54.87 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

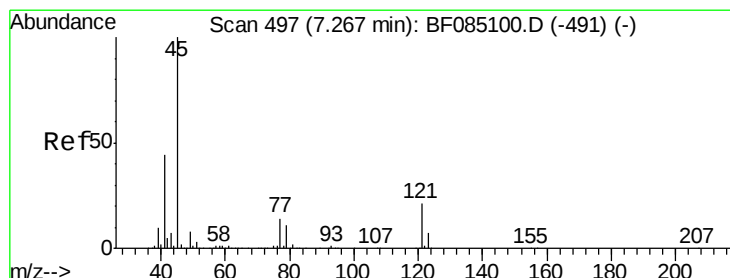
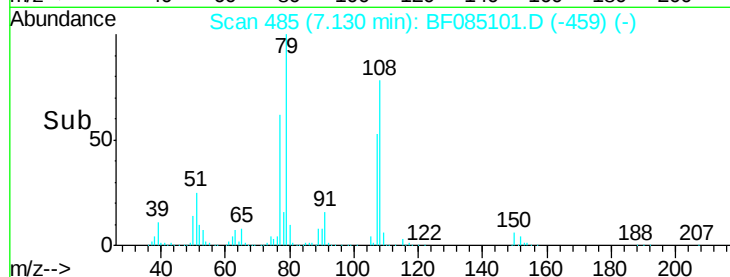
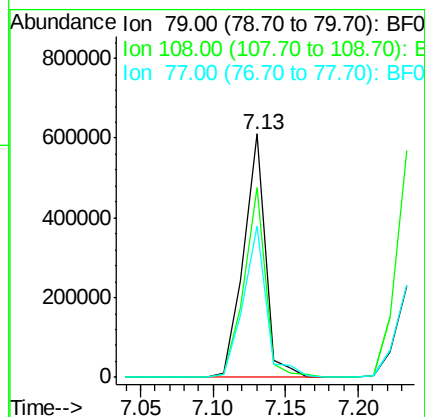
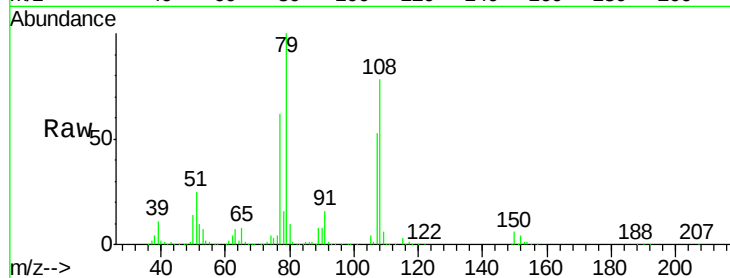
Tgt Ion: 79 Resp: 639829

Ion Ratio Lower Upper

79 100

108 77.8 61.8 92.6

77 62.4 51.2 76.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.27 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

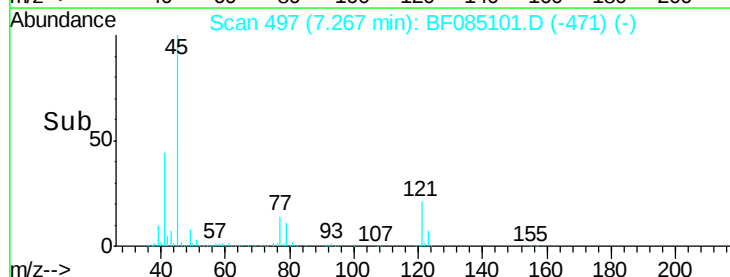
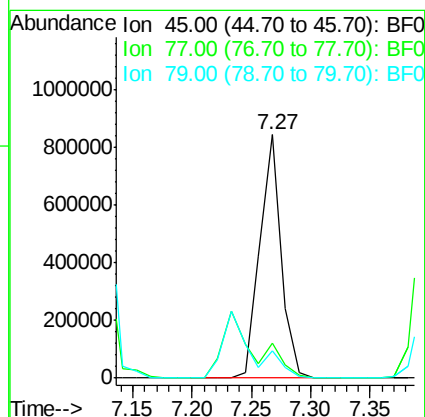
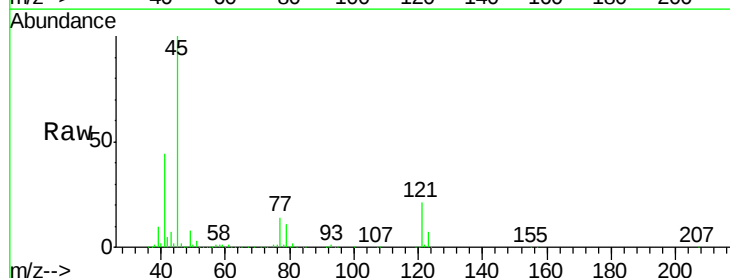
Tgt Ion: 45 Resp: 1065707

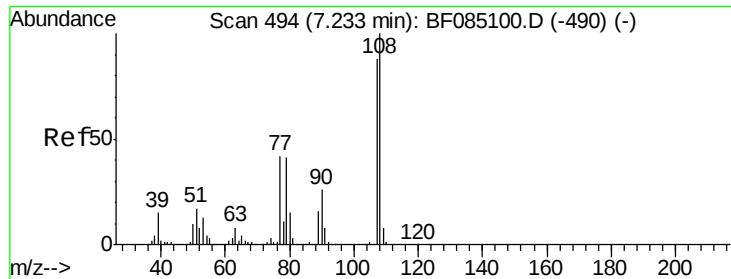
Ion Ratio Lower Upper

45 100

77 14.5 0.0 34.4

79 11.0 0.0 31.1





#17

2-Methylphenol

Concen: 54.24 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:107 Resp: 638184

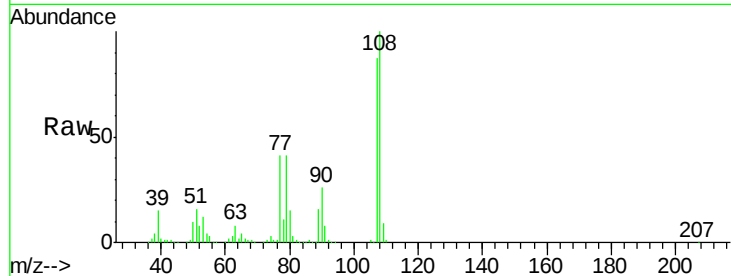
Ion Ratio Lower Upper

107 100

108 114.3 91.4 137.2

77 47.0 38.7 58.1

79 46.4 37.8 56.6

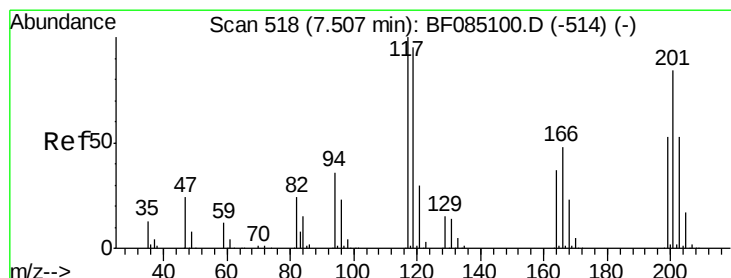
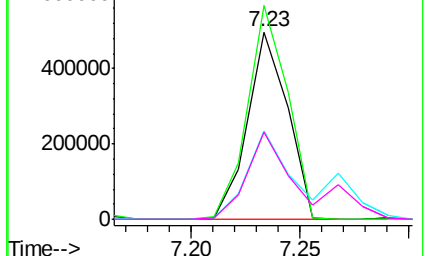
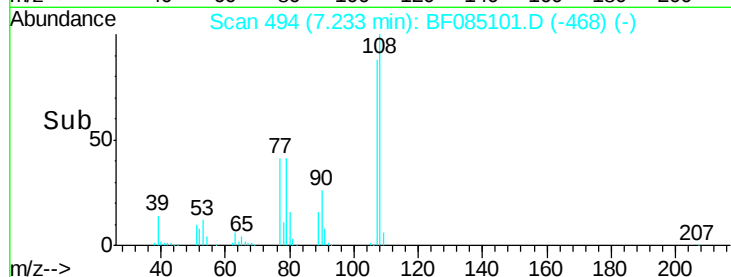


Abundance Ion 107.00 (106.70 to 107.70): E

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: 53.61 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

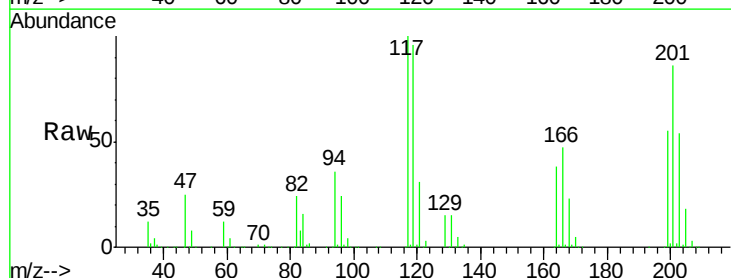
Tgt Ion:117 Resp: 305335

Ion Ratio Lower Upper

117 100

119 95.7 76.2 114.4

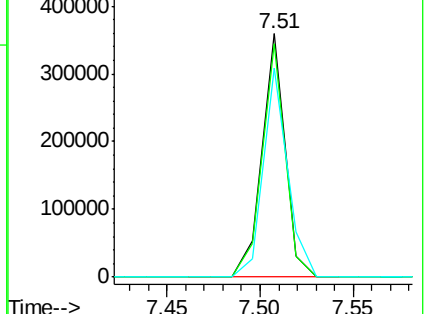
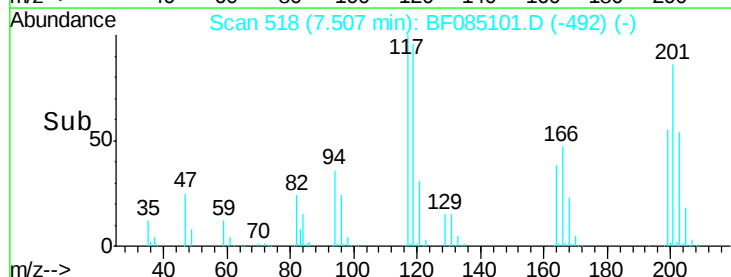
201 85.7 66.8 100.2

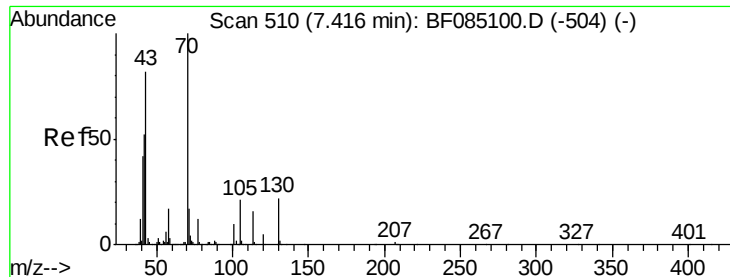


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

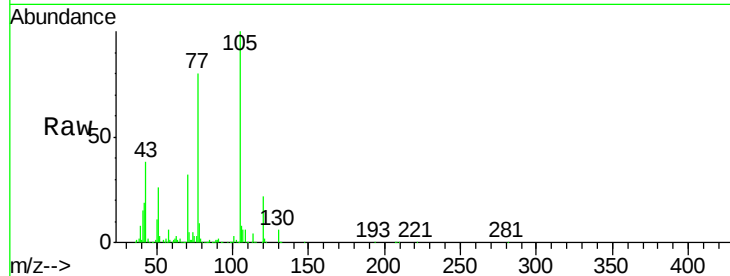




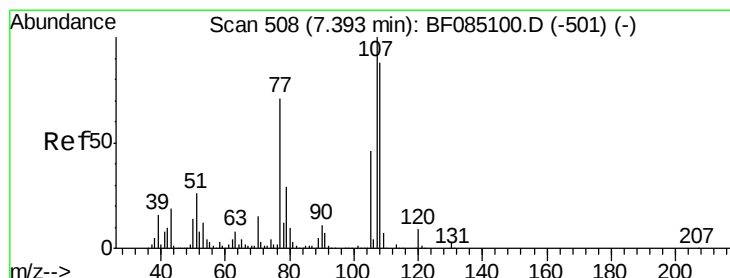
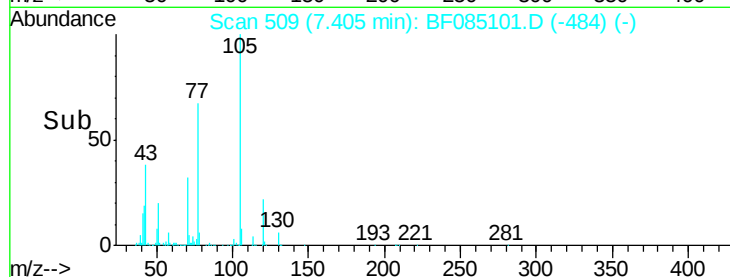
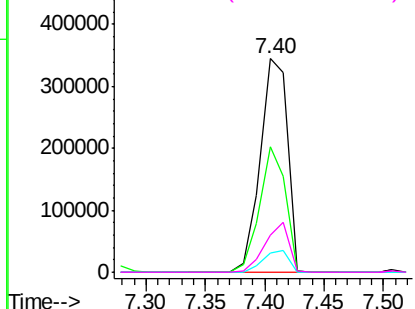
#19
n-Nitroso-di-n-propylamine
Concen: 50.68 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085101.D
Acq: 1 Mar 2016 20:01

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 555026
Ion Ratio Lower Upper
70 100
42 58.8 41.9 62.9
101 8.7 7.8 11.8
130 17.4 17.2 25.8

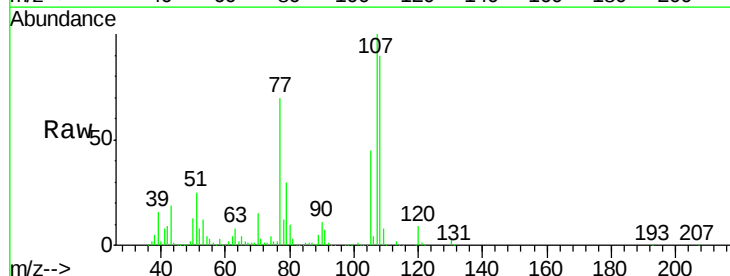


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

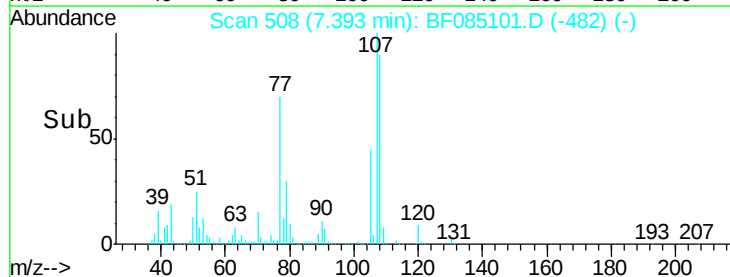
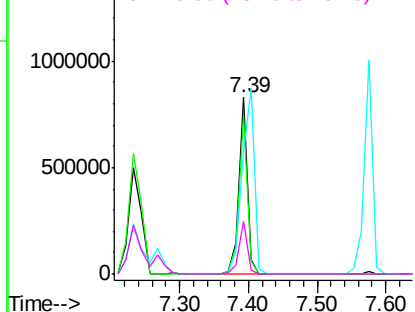


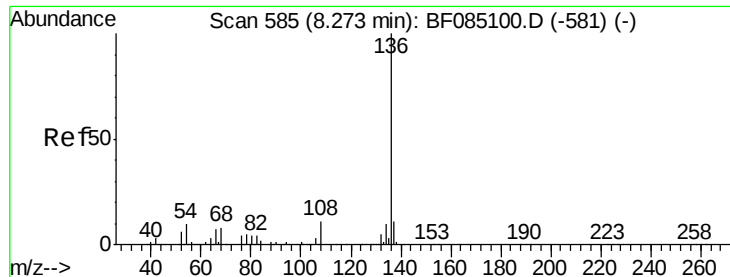
#20
3+4-Methylphenols
Concen: 50.19 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF085101.D
Acq: 1 Mar 2016 20:01

Tgt Ion: 107 Resp: 724700
Ion Ratio Lower Upper
107 100
108 89.6 67.8 107.8
77 70.2 50.6 90.6
79 29.8 9.1 49.1



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:136 Resp: 842629

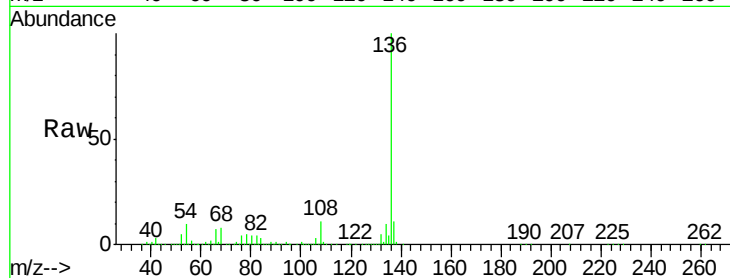
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.1 8.5 12.7

68 7.7 6.4 9.6

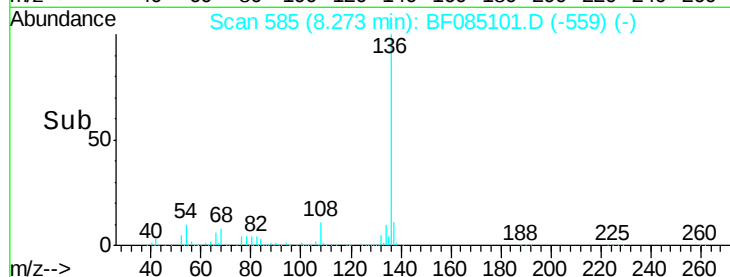


Abundance Ion 136.00 (135.70 to 136.70): E

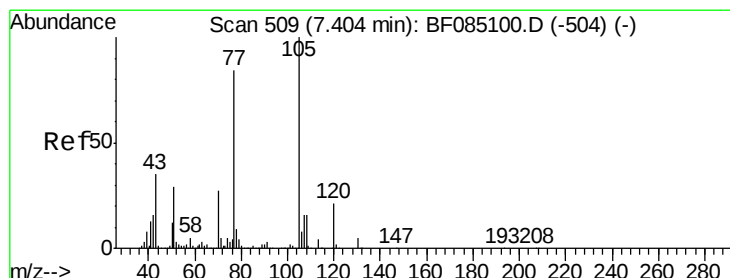
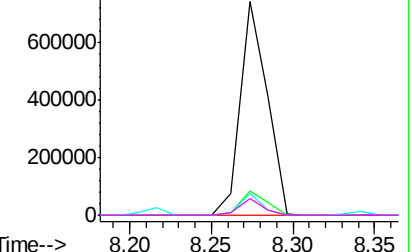
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 51.03 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Tgt Ion:105 Resp: 1072012

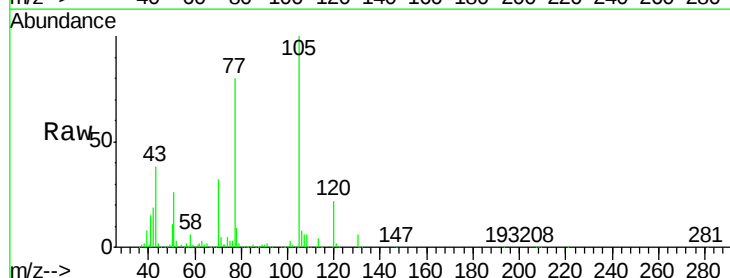
Ion Ratio Lower Upper

105 100

71 5.4 3.8 5.6

51 26.3 22.9 34.3

120 21.7 16.9 25.3

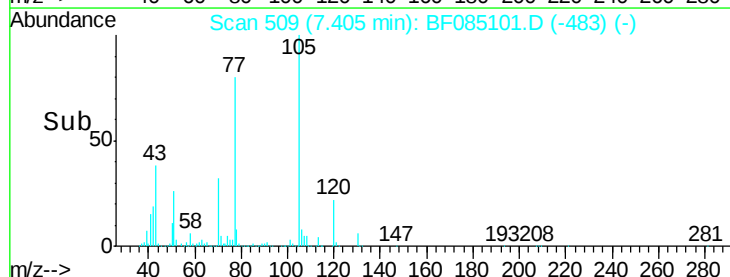


Abundance Ion 105.00 (104.70 to 105.70): E

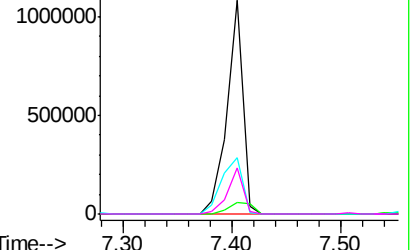
Ion 71.00 (70.70 to 71.70): BF0

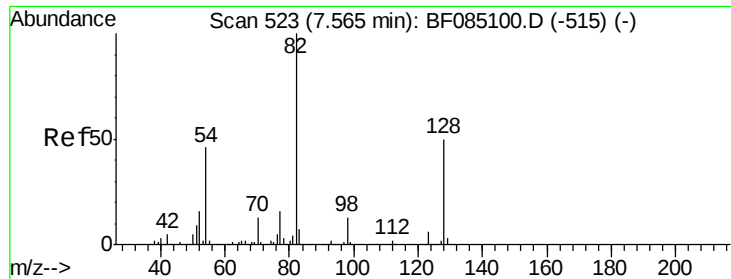
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

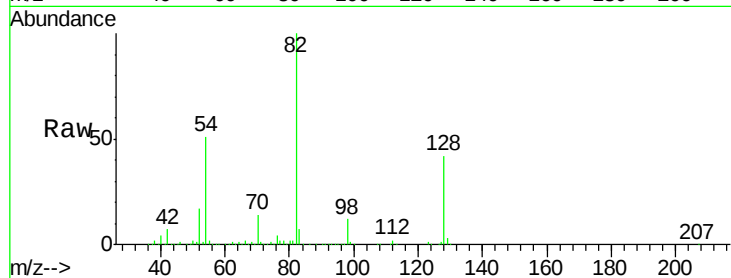




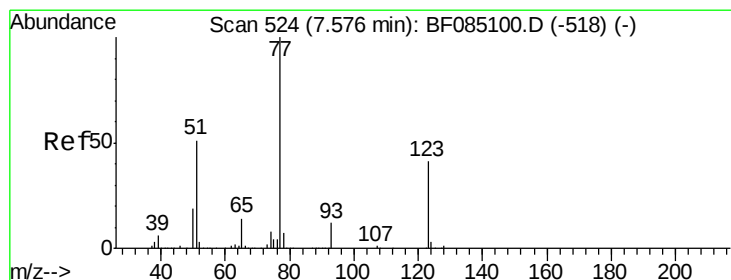
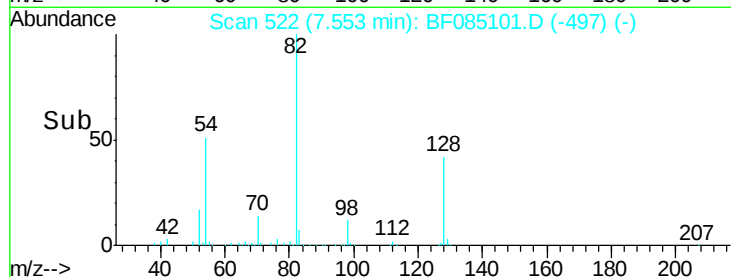
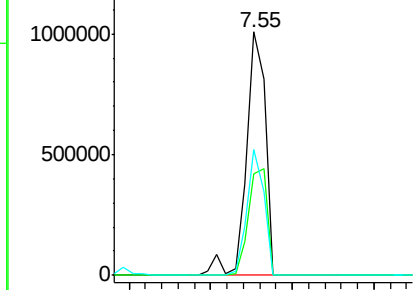
#23
 Nitrobenzene-d5
 Concen: 113.85 ng
 RT: 7.55 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF085101.D
 Acq: 1 Mar 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 82 Resp: 1604729
 Ion Ratio Lower Upper
 82 100
 128 41.7 39.8 59.6
 54 51.5 36.6 54.8

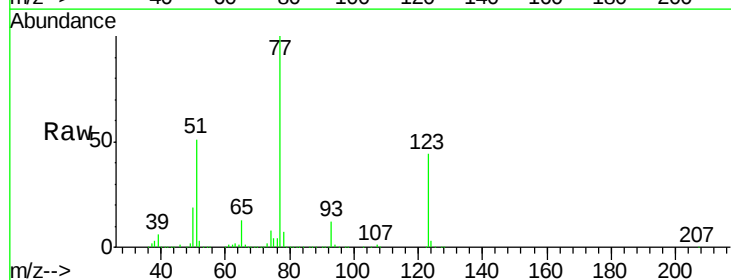


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

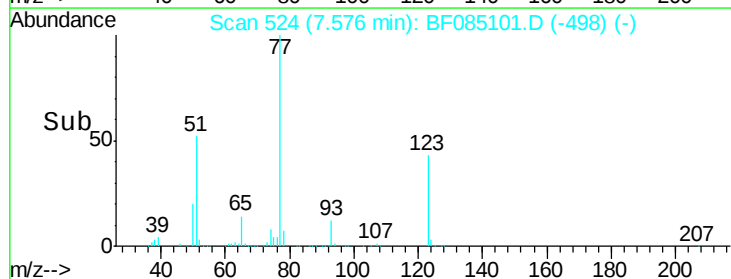
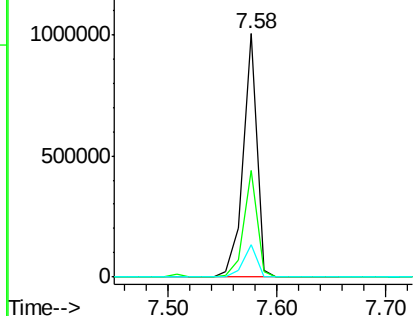


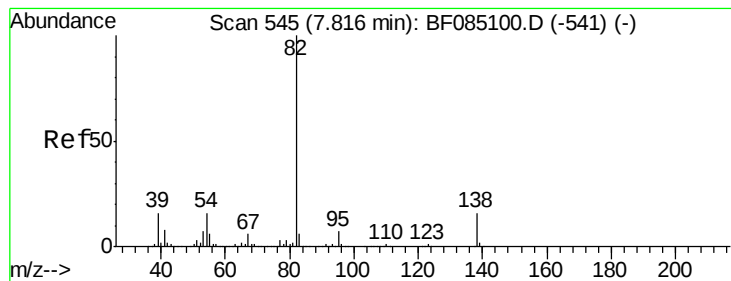
#24
 Nitrobenzene
 Concen: 60.50 ng
 RT: 7.58 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF085101.D
 Acq: 1 Mar 2016 20:01

Tgt Ion: 77 Resp: 863562
 Ion Ratio Lower Upper
 77 100
 123 44.0 33.4 50.2
 65 13.4 10.9 16.3



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





#25

Isophorone

Concen: 51.87 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

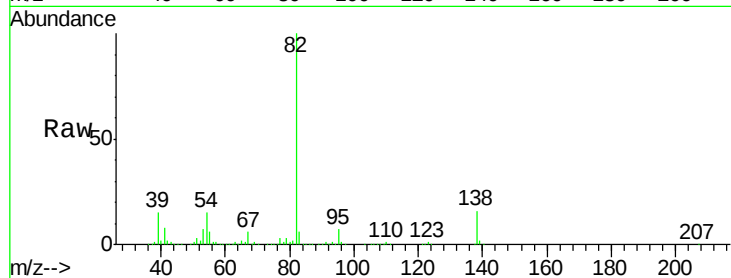
Tgt Ion: 82 Resp: 1512971

Ion Ratio Lower Upper

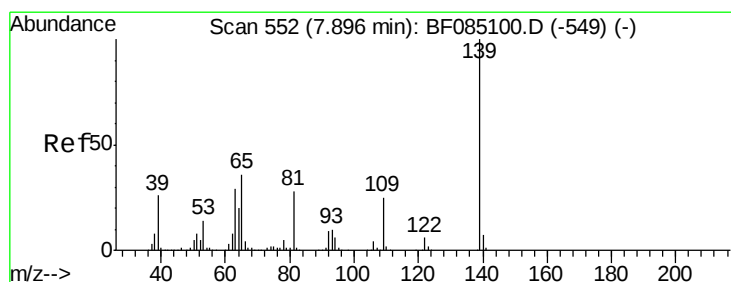
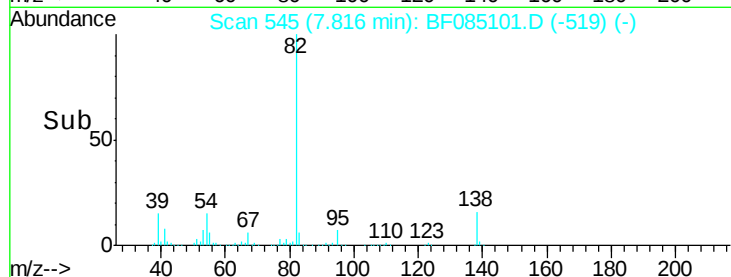
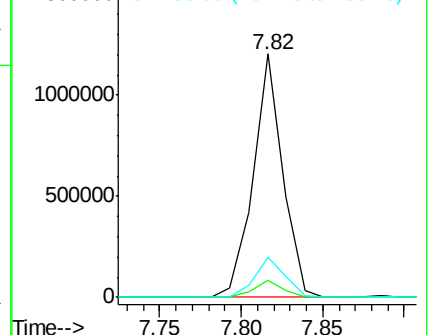
82 100

95 6.8 5.6 8.4

138 16.3 12.6 18.8



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: 72.54 ng

RT: 7.90 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

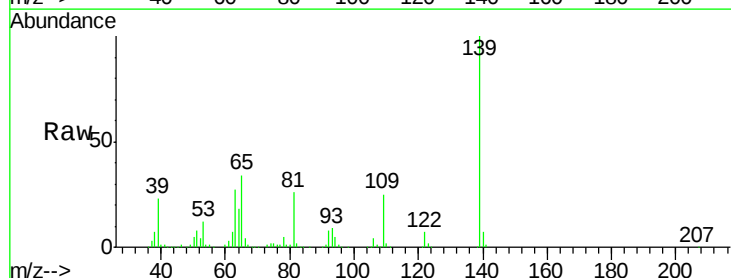
Tgt Ion: 139 Resp: 388869

Ion Ratio Lower Upper

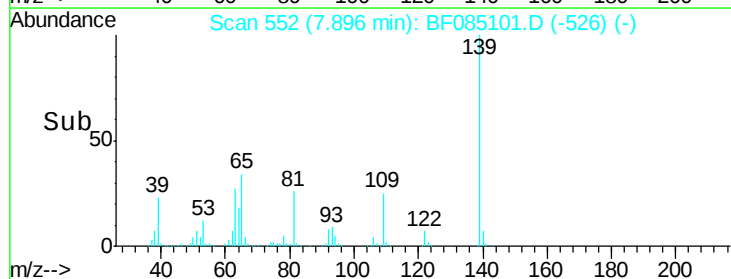
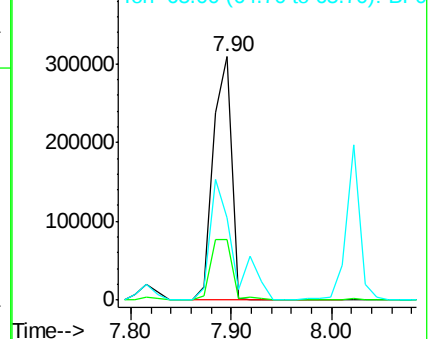
139 100

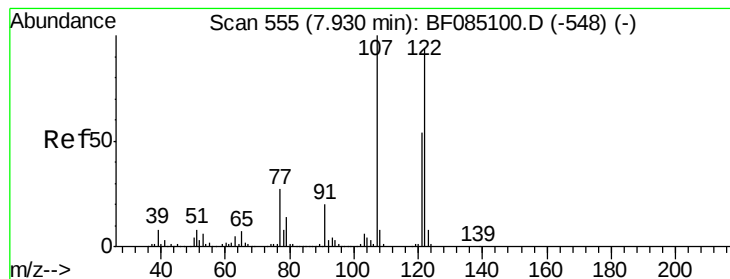
109 25.1 20.4 30.6

65 33.8 29.2 43.8



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: 51.06 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

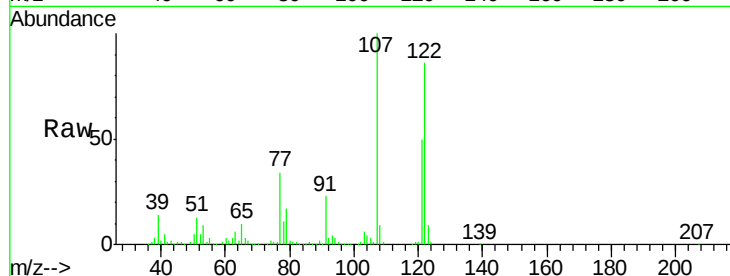
Tgt Ion:122 Resp: 704772

Ion Ratio Lower Upper

122 100

107 115.8 85.0 127.4

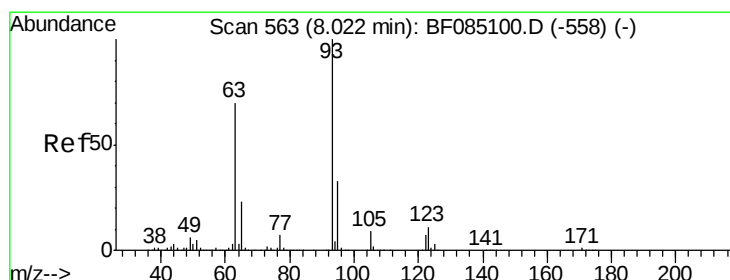
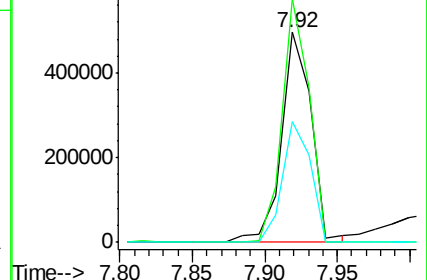
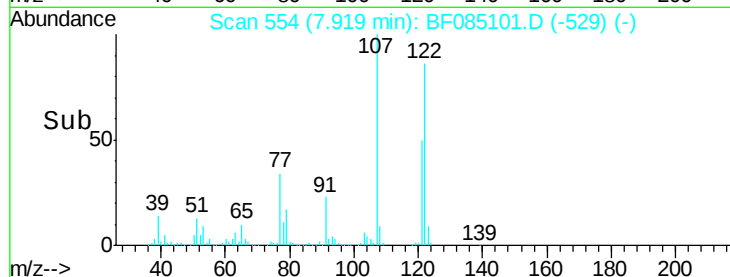
121 57.7 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.59 ng

RT: 8.02 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

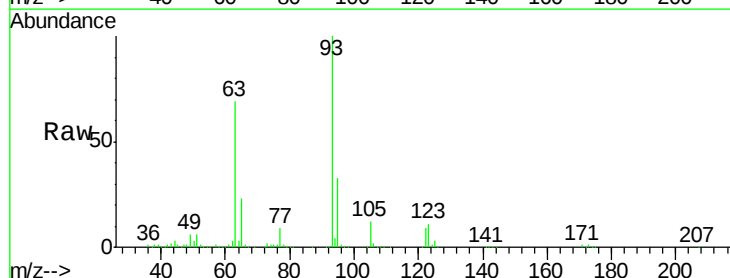
Tgt Ion: 93 Resp: 815230

Ion Ratio Lower Upper

93 100

95 33.3 26.2 39.4

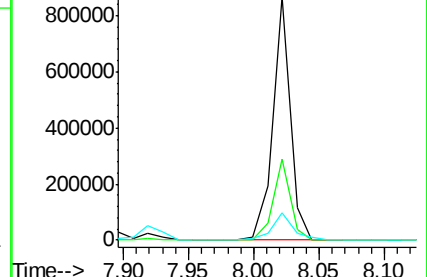
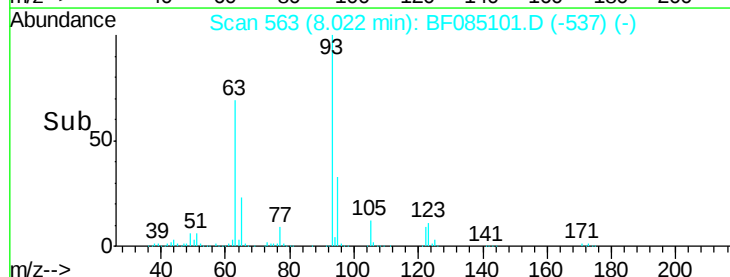
123 11.0 8.8 13.2

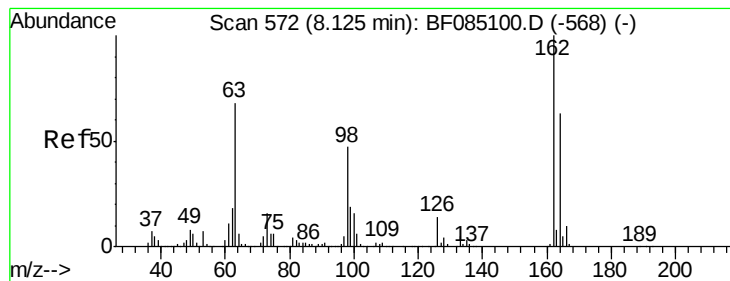


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.11 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

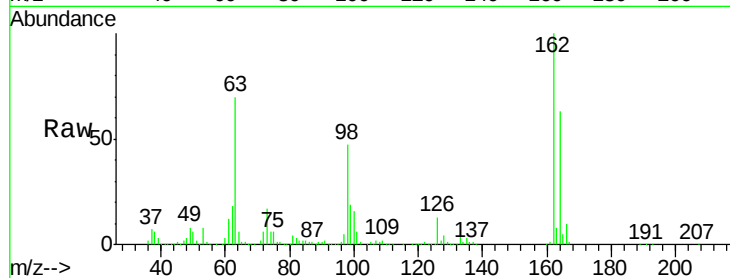
Tgt Ion:162 Resp: 578056

Ion Ratio Lower Upper

162 100

164 63.4 42.9 82.9

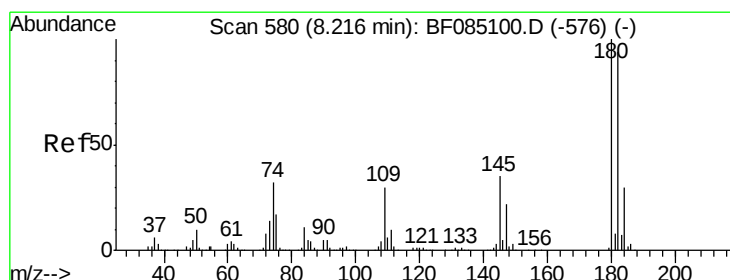
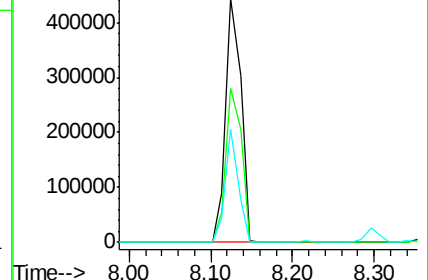
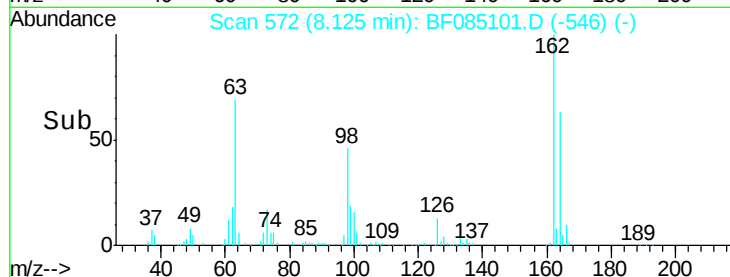
98 46.6 26.9 66.9



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: 46.55 ng

RT: 8.22 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

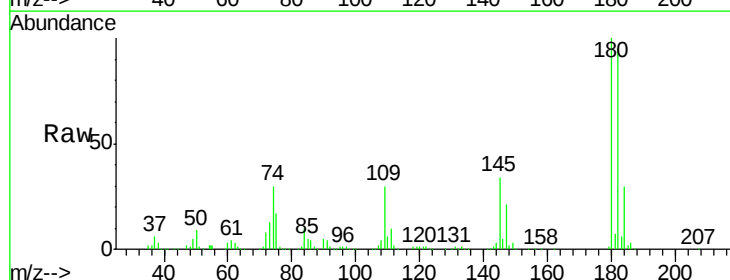
Tgt Ion:180 Resp: 617962

Ion Ratio Lower Upper

180 100

182 95.0 75.4 113.0

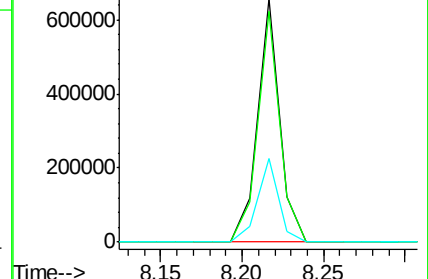
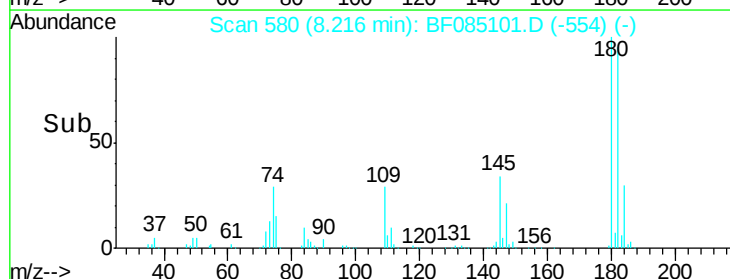
145 34.3 27.8 41.8

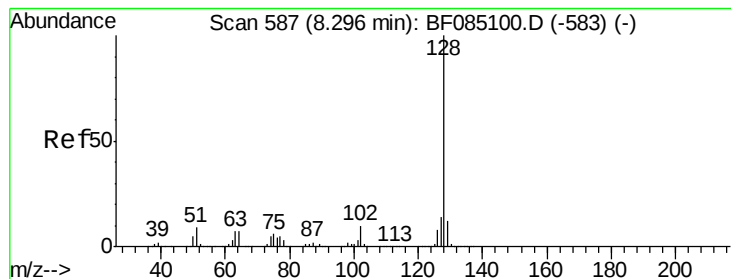


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.31 ng

RT: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

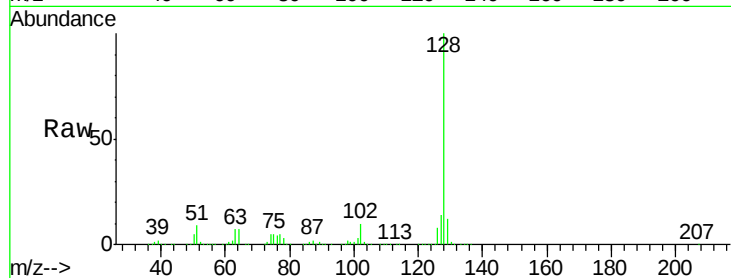
Tgt Ion:128 Resp: 1990212

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

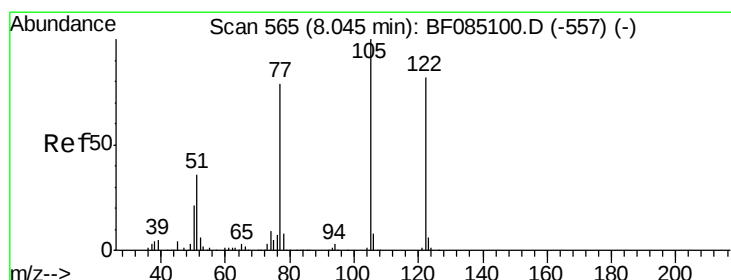
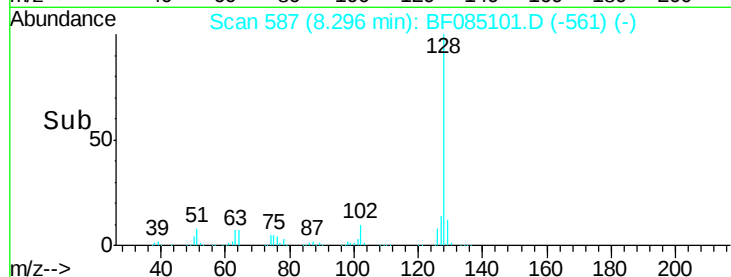
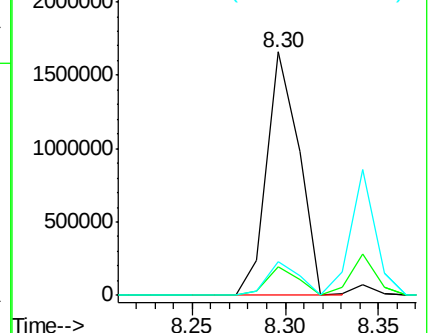
127 14.0 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.87 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

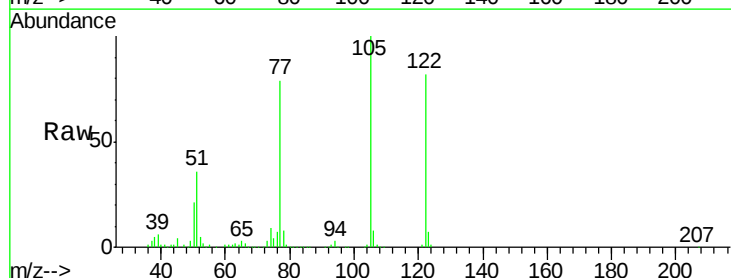
Tgt Ion:122 Resp: 411587

Ion Ratio Lower Upper

122 100

105 122.1 102.0 142.0

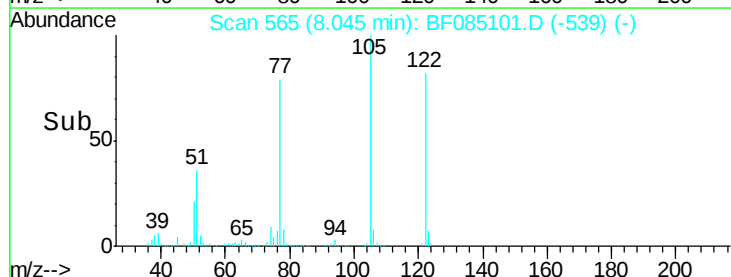
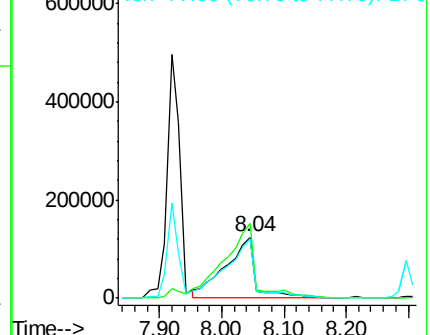
77 97.0 76.8 116.8

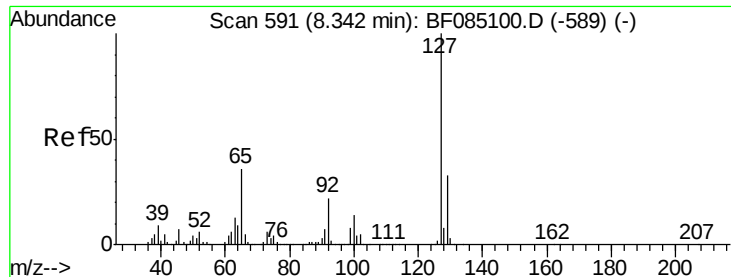


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

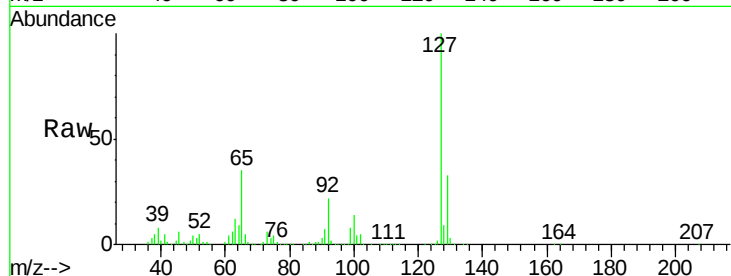




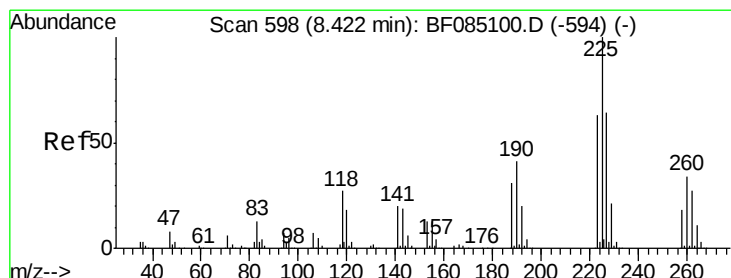
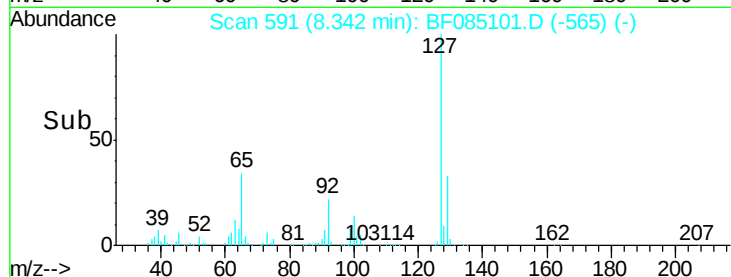
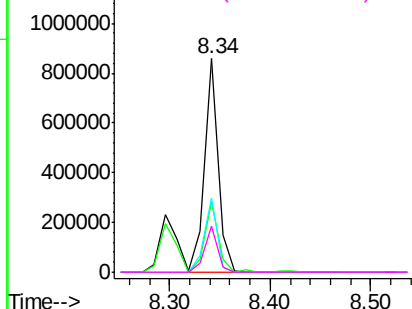
#33
4-Chloroaniline
Concen: 46.59 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF085101.D
Acq: 1 Mar 2016 20:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:	127	Resp:	810389
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	34.6	28.6	43.0
92	21.8	17.8	26.8

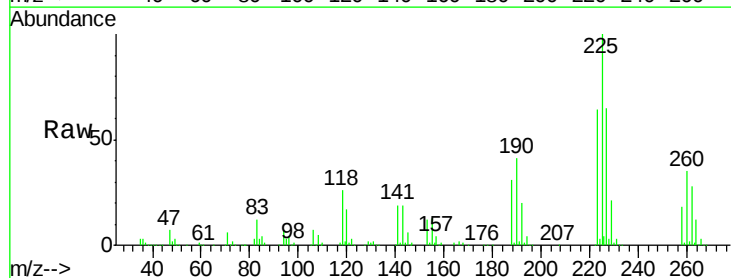


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

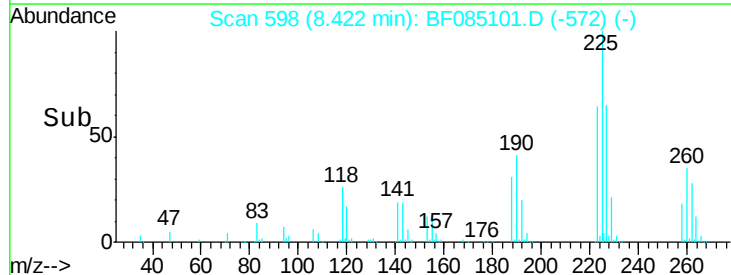
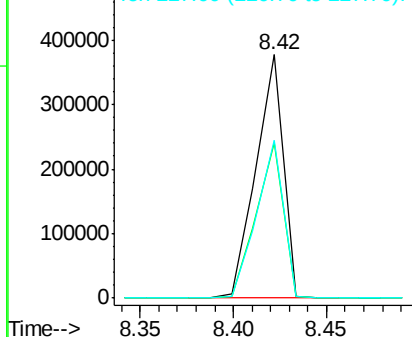


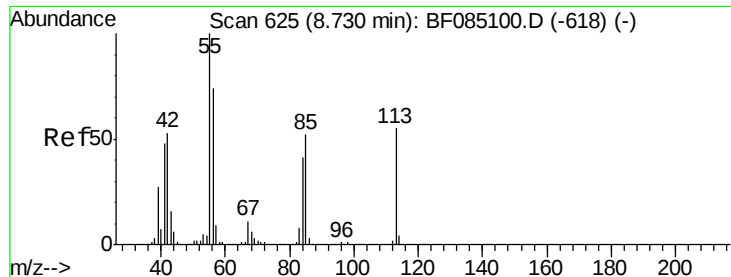
#34
Hexachlorobutadiene
Concen: 47.49 ng
RT: 8.42 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF085101.D
Acq: 1 Mar 2016 20:01

Tgt Ion:	225	Resp:	381326
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.4	75.6
227	64.9	51.6	77.4



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: 58.39 ng

RT: 8.73 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

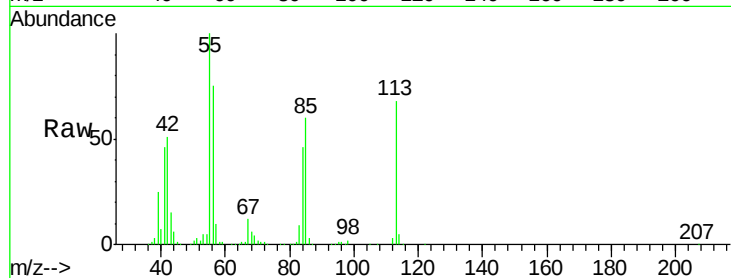
Tgt Ion:113 Resp: 207191

Ion Ratio Lower Upper

113 100

55 146.6 162.9 202.9#

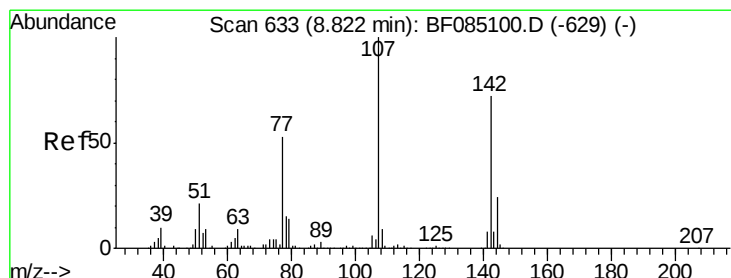
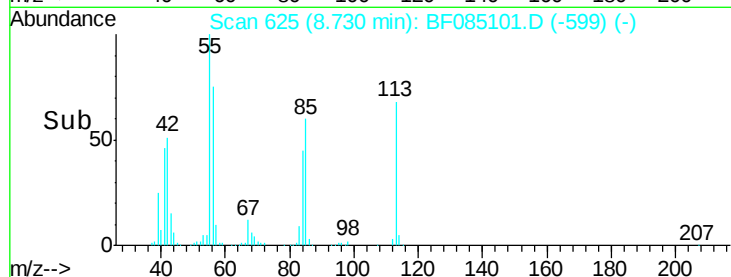
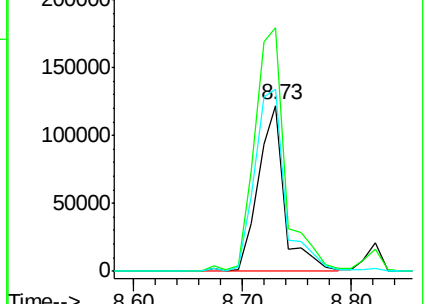
56 110.0 114.5 154.5#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 55.92 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

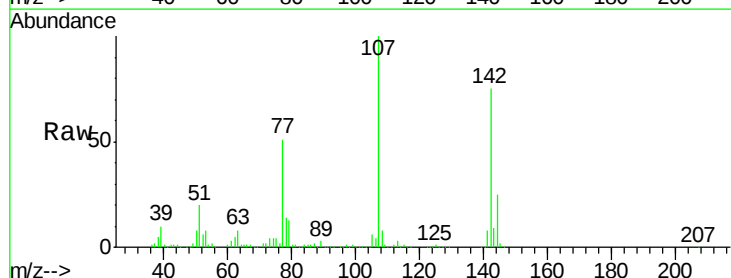
Tgt Ion:107 Resp: 703594

Ion Ratio Lower Upper

107 100

144 24.7 18.9 28.3

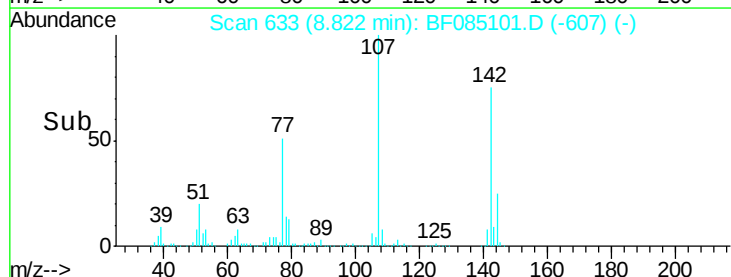
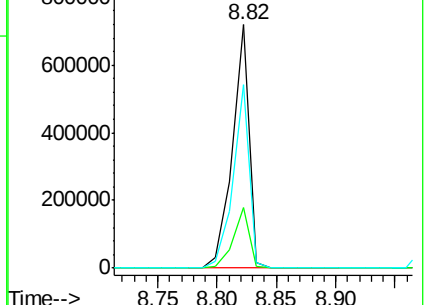
142 75.4 57.9 86.9

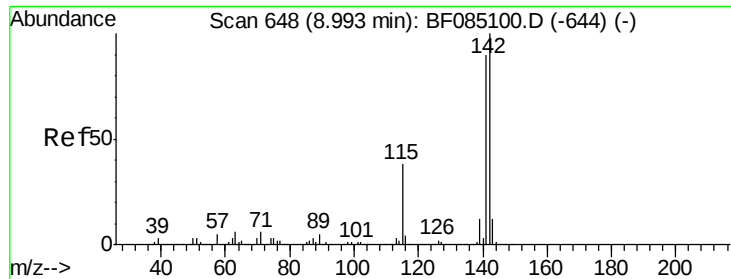


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

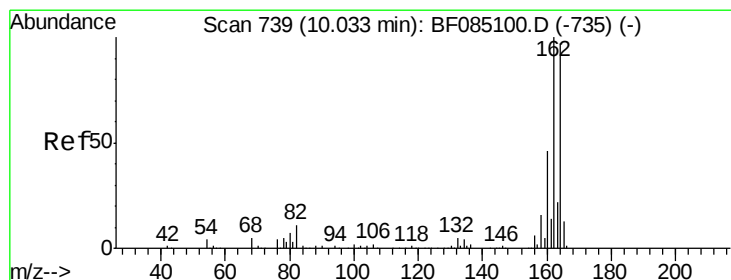
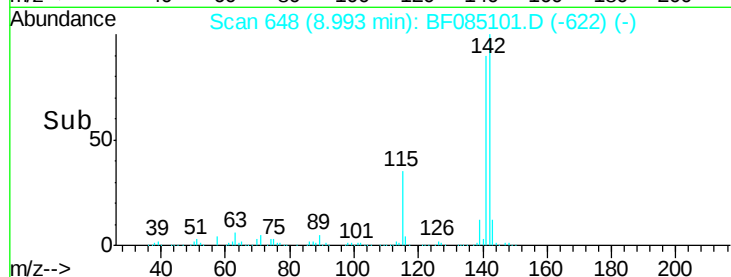
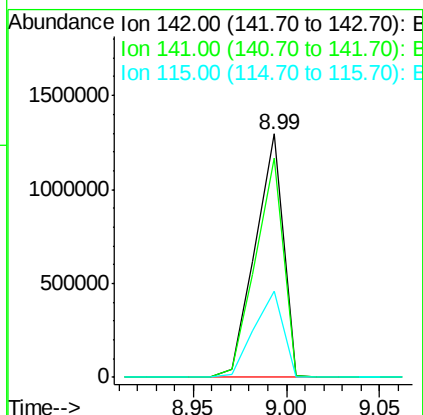
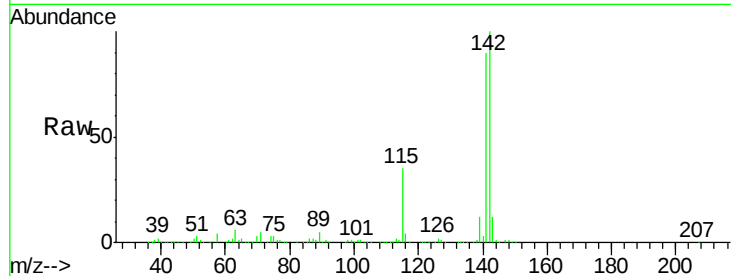




#37
2-Methylnaphthalene
Concen: 51.34 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF085101.D
Acq: 1 Mar 2016 20:01

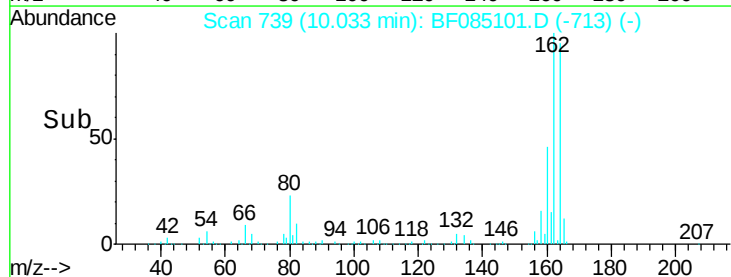
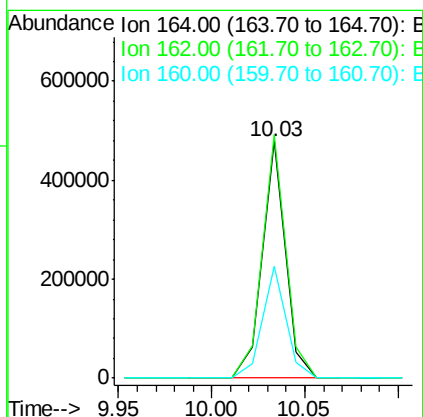
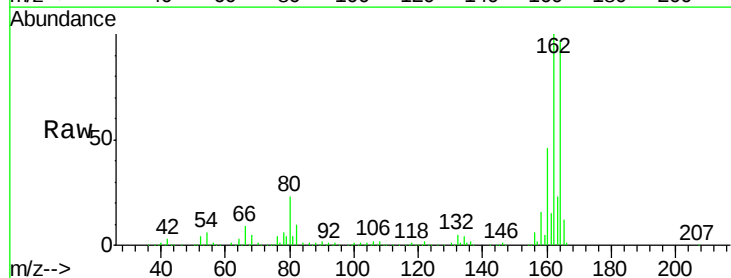
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

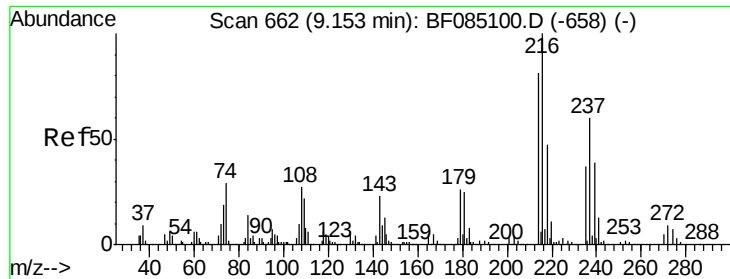
Tgt Ion:142 Resp: 1349665
Ion Ratio Lower Upper
142 100
141 90.0 71.7 107.5
115 35.5 30.1 45.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085101.D
Acq: 1 Mar 2016 20:01

Tgt Ion:164 Resp: 409333
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 47.4 38.2 57.2

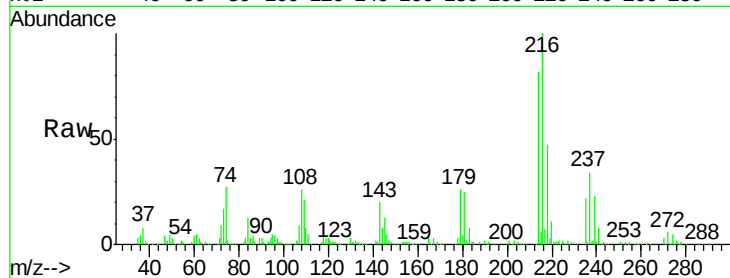




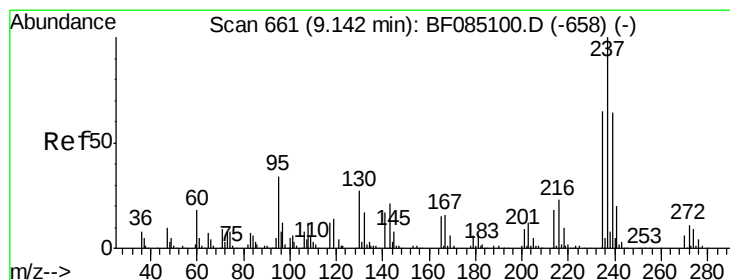
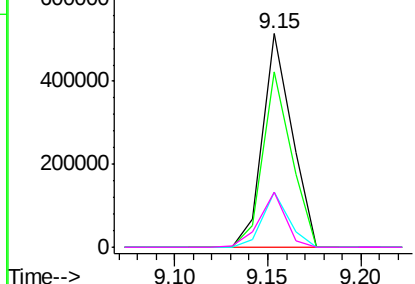
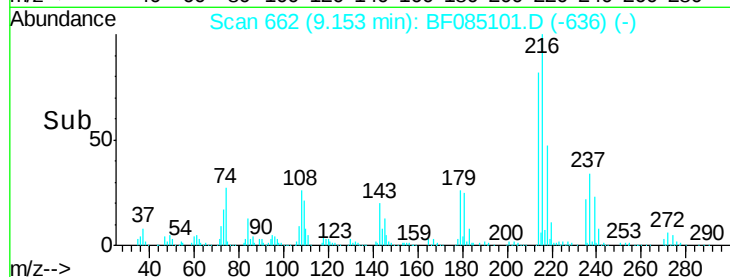
#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.81 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF085101.D
Acq: 1 Mar 2016 20:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:	216	Resp:	558123
Ion Ratio		Lower	Upper
216	100		
214	80.3	63.7	95.5
179	23.1	18.1	27.1
108	22.9	17.1	25.7

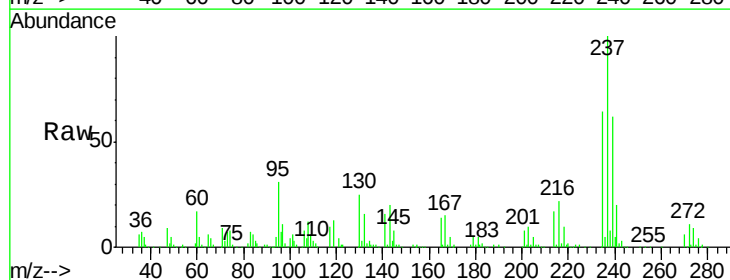


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

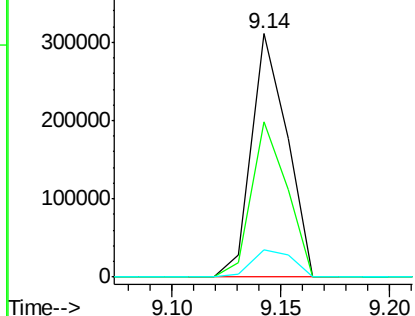
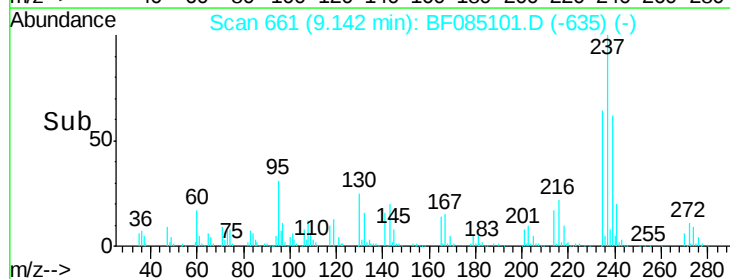


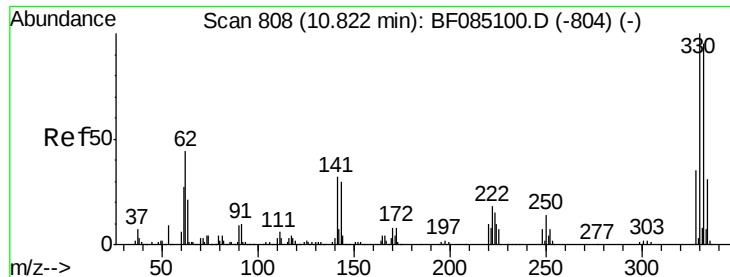
#40
Hexachlorocyclopentadiene
Concen: 47.65 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF085101.D
Acq: 1 Mar 2016 20:01

Tgt Ion:	237	Resp:	354243
Ion Ratio		Lower	Upper
237	100		
235	63.8	45.3	85.3
272	11.4	0.0	31.2



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

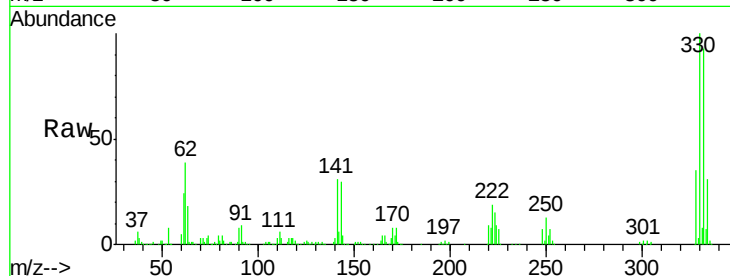




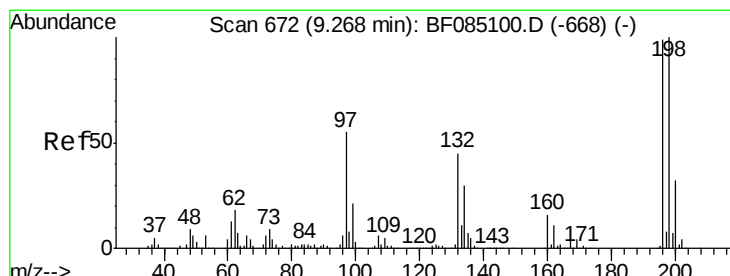
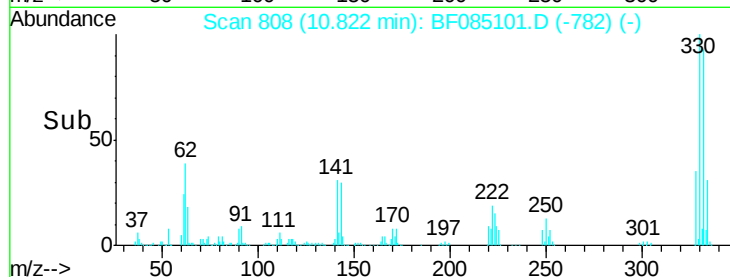
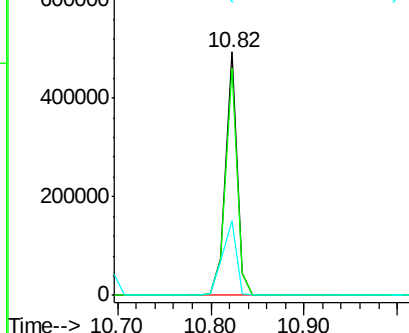
#41
 2,4,6-Tribromophenol
 Concen: 98.11 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085101.D
 Acq: 1 Mar 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:330 Resp: 425434
 Ion Ratio Lower Upper
 330 100
 332 93.8 75.9 113.9
 141 36.8 28.9 43.3

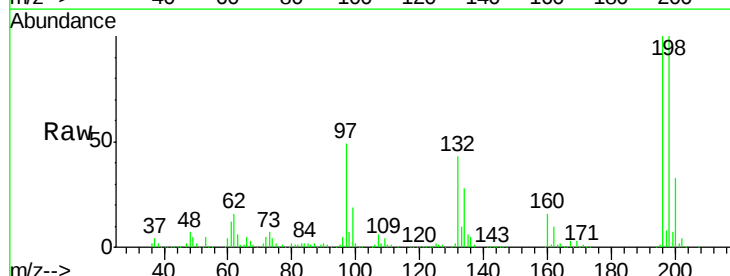


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

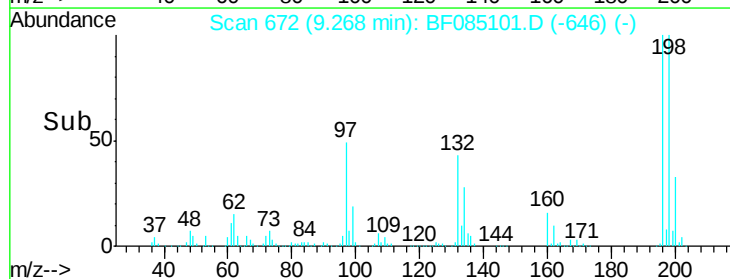
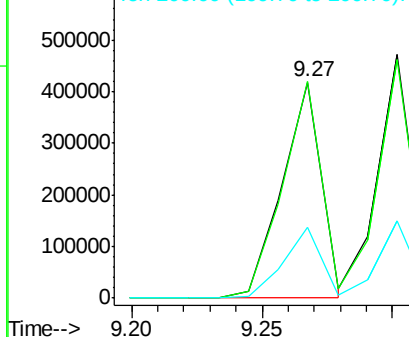


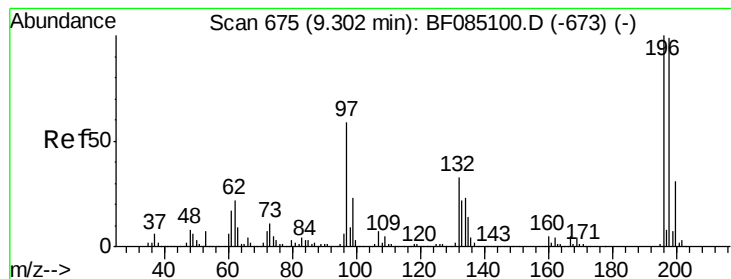
#42
 2,4,6-Trichlorophenol
 Concen: 50.03 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085101.D
 Acq: 1 Mar 2016 20:01

Tgt Ion:196 Resp: 437495
 Ion Ratio Lower Upper
 196 100
 198 100.3 80.4 120.6
 200 33.2 25.8 38.8



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

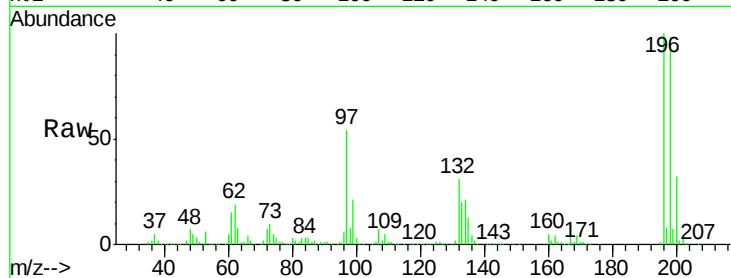




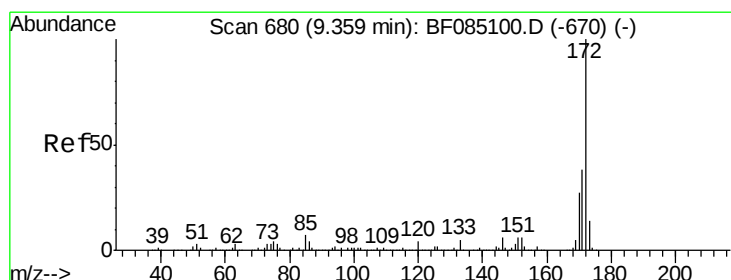
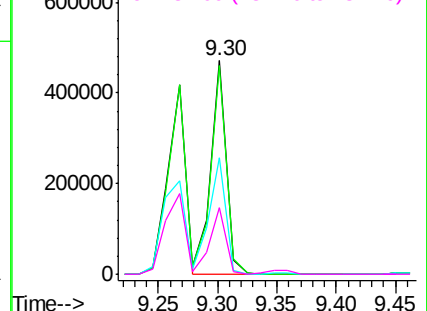
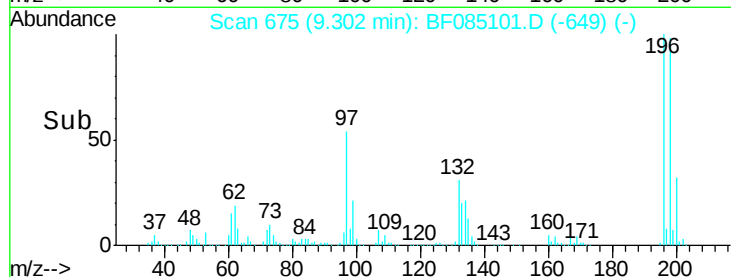
#43
 2,4,5-Trichlorophenol
 Concen: 50.25 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF085101.D
 Acq: 1 Mar 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:196 Resp: 430667
 Ion Ratio Lower Upper
 196 100
 198 97.8 79.5 119.3
 97 54.3 47.3 70.9
 132 31.4 26.5 39.7

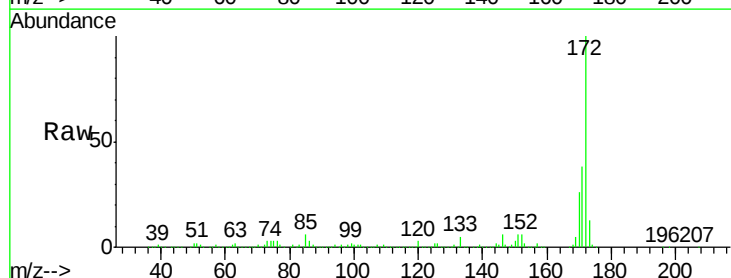


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

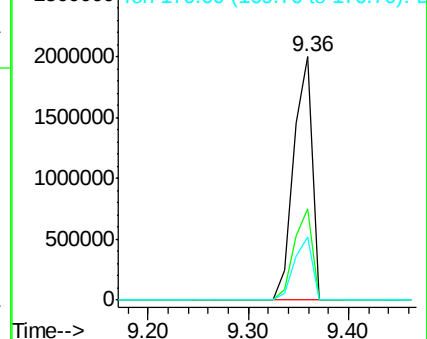
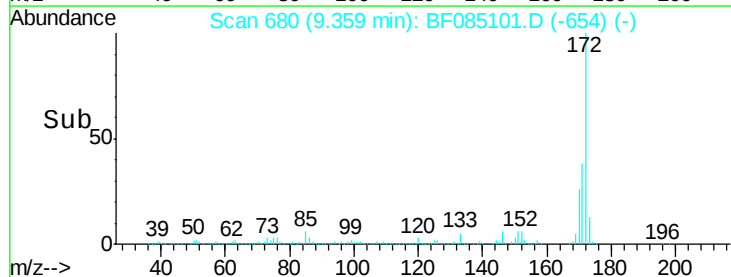


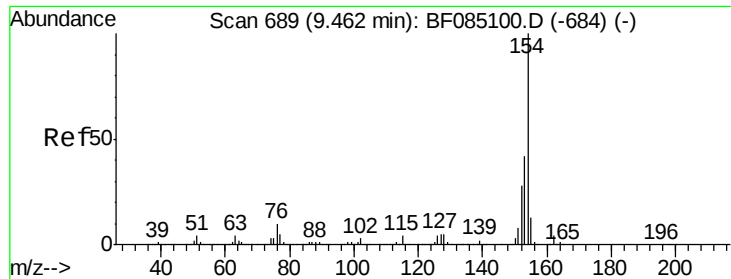
#44
 2-Fluorobiphenyl
 Concen: 92.34 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF085101.D
 Acq: 1 Mar 2016 20:01

Tgt Ion:172 Resp: 2542022
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.5 45.7
 170 25.8 21.2 31.8



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

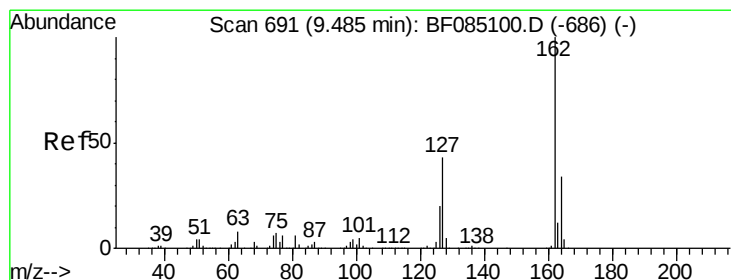
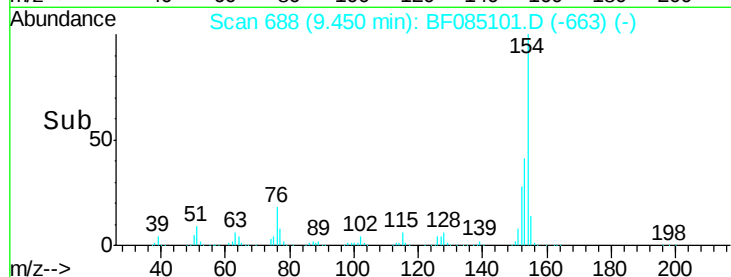
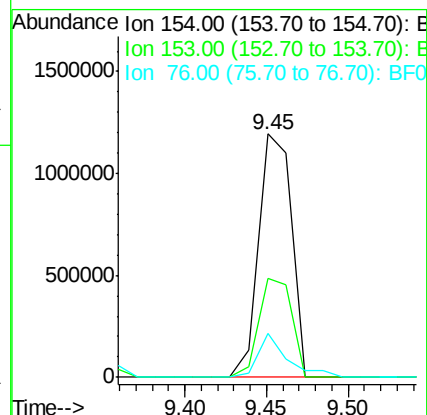
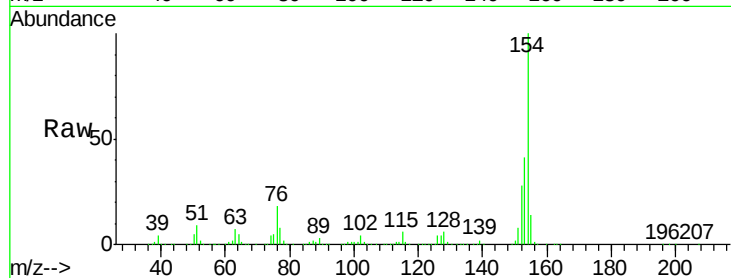




#45
 1,1'-Biphenyl
 Concen: 47.77 ng
 RT: 9.45 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF085101.D
 Acq: 1 Mar 2016 20:01

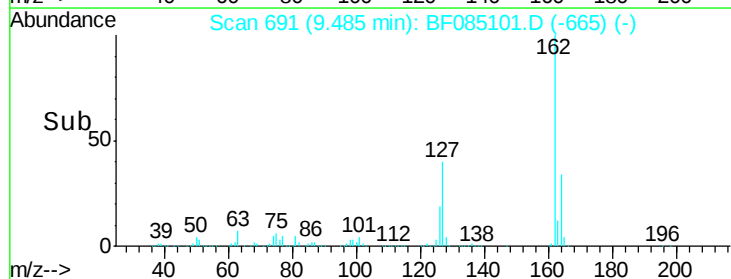
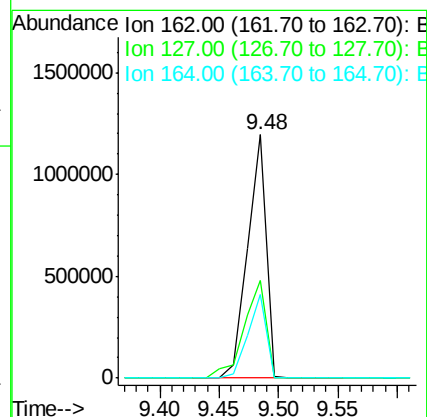
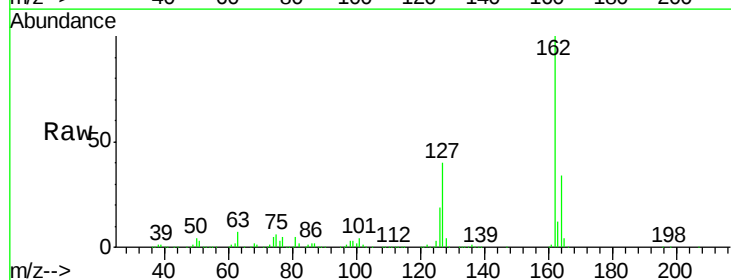
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

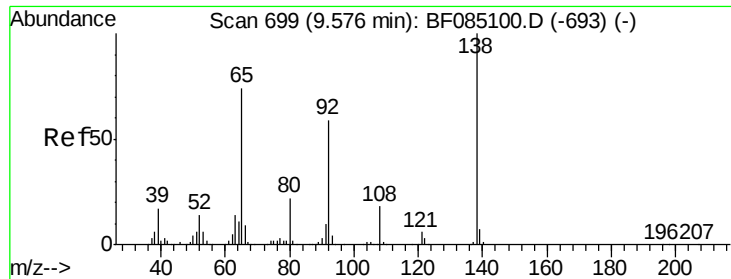
Tgt Ion:154 Resp: 1667917
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.5 61.5
 76 17.9 0.0 29.7



#46
 2-Chloronaphthalene
 Concen: 50.92 ng
 RT: 9.48 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF085101.D
 Acq: 1 Mar 2016 20:01

Tgt Ion:162 Resp: 1308793
 Ion Ratio Lower Upper
 162 100
 127 40.0 34.2 51.4
 164 34.2 27.2 40.8

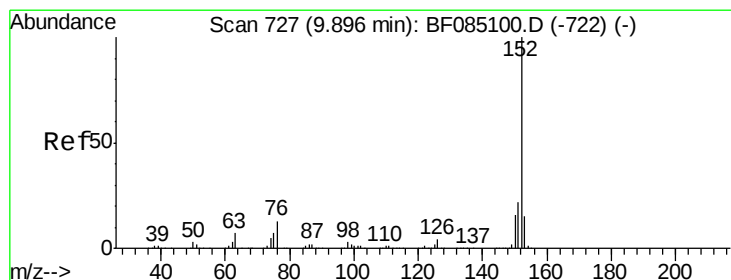
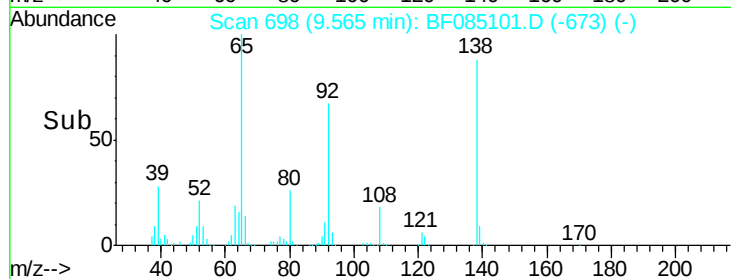
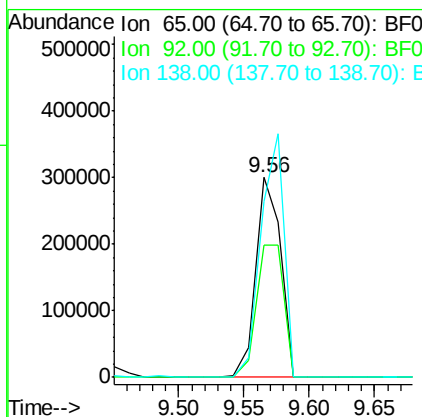
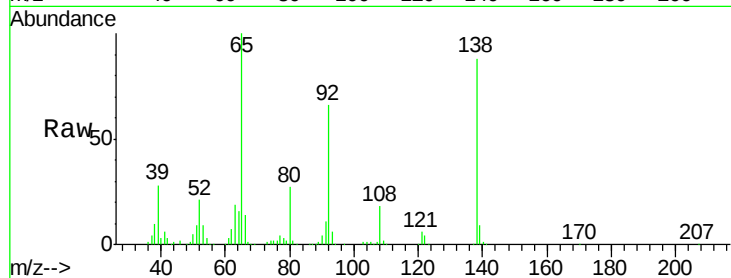




#47
 2-Nitroaniline
 Concen: 60.76 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF085101.D
 Acq: 1 Mar 2016 20:01

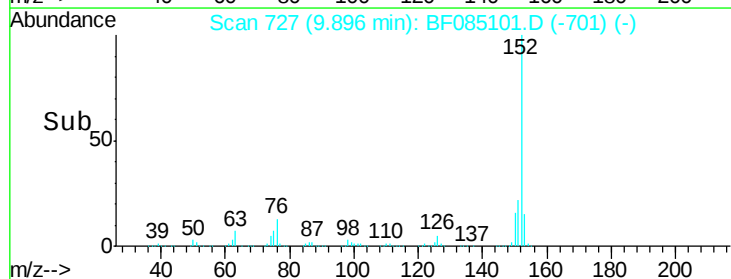
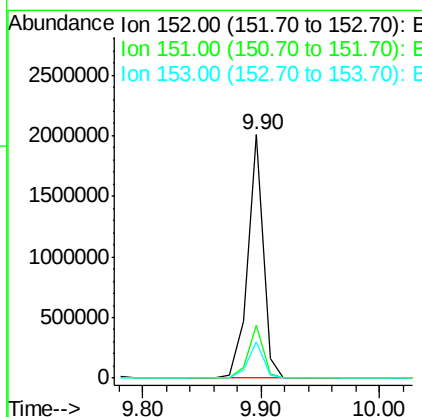
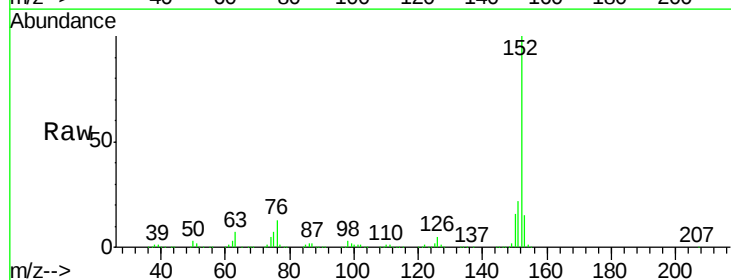
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

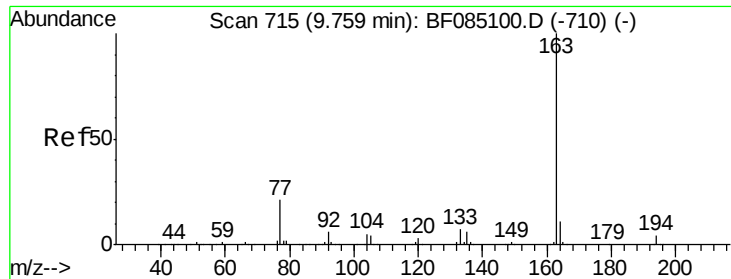
Tgt Ion: 65 Resp: 398819
 Ion Ratio Lower Upper
 65 100
 92 66.5 63.8 95.6
 138 88.0 108.5 162.7#



#48
 Acenaphthylene
 Concen: 44.25 ng
 RT: 9.90 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF085101.D
 Acq: 1 Mar 2016 20:01

Tgt Ion: 152 Resp: 1830758
 Ion Ratio Lower Upper
 152 100
 151 21.9 17.4 26.0
 153 14.9 12.0 18.0

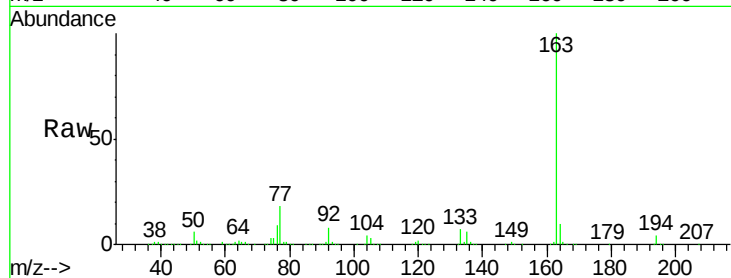




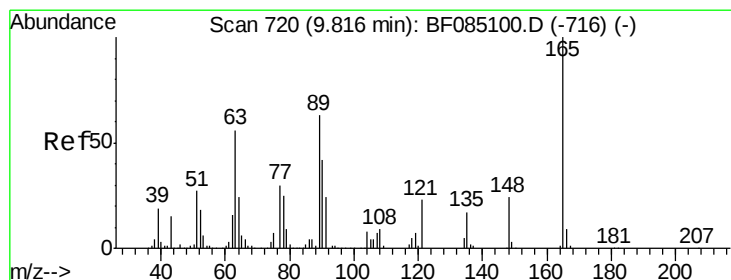
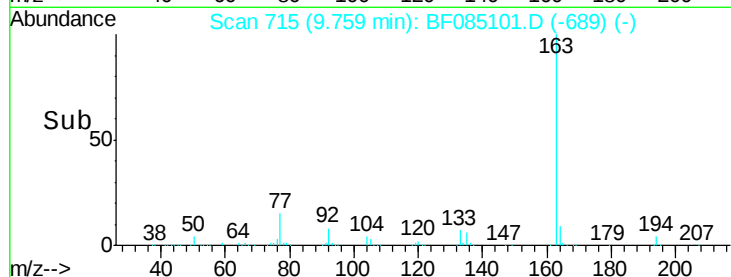
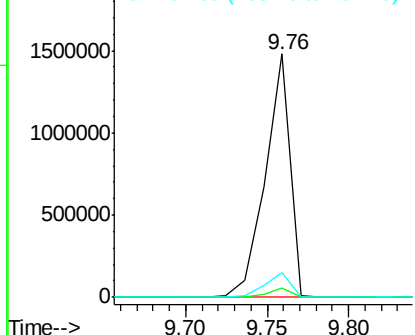
#49
Dimethylphthalate
Concen: 52.47 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF085101.D
Acq: 1 Mar 2016 20:01

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:163 Resp: 1564599
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.2 8.6 12.8

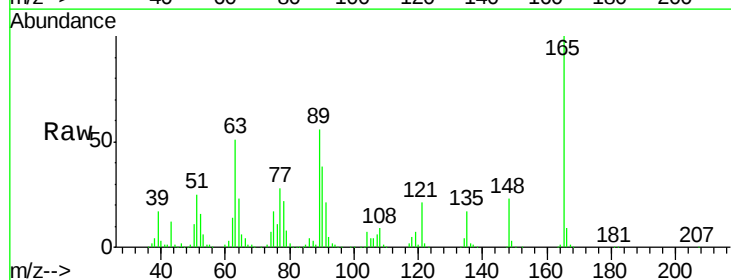


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

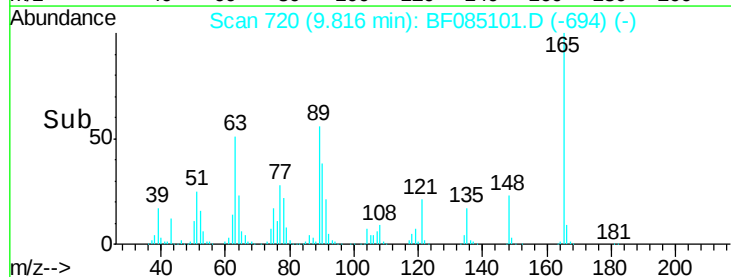
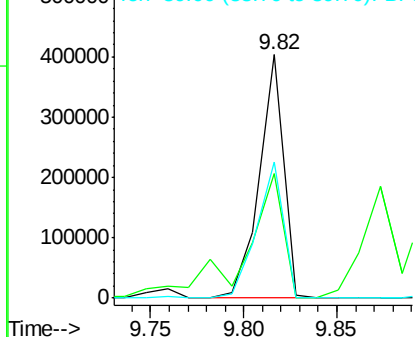


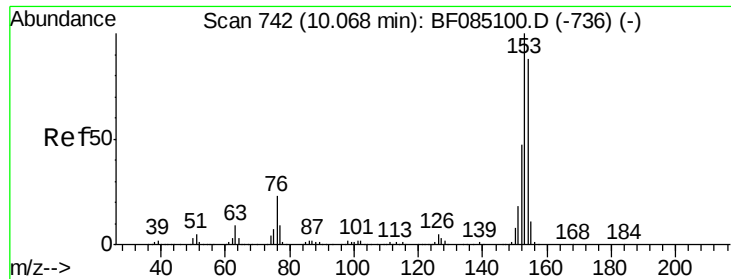
#50
2,6-Dinitrotoluene
Concen: 57.22 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF085101.D
Acq: 1 Mar 2016 20:01

Tgt Ion:165 Resp: 360615
Ion Ratio Lower Upper
165 100
63 51.1 47.4 71.2
89 56.0 50.2 75.2



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: 45.46 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

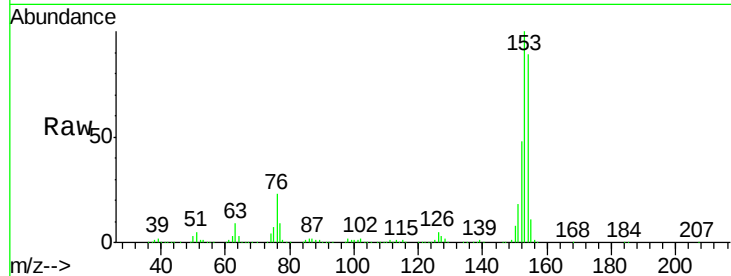
Tgt Ion:154 Resp: 1161969

Ion Ratio Lower Upper

154 100

153 112.4 91.0 136.6

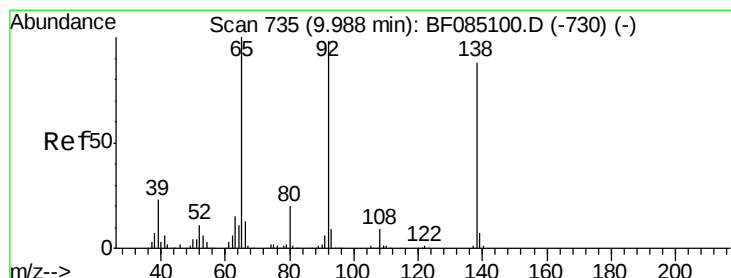
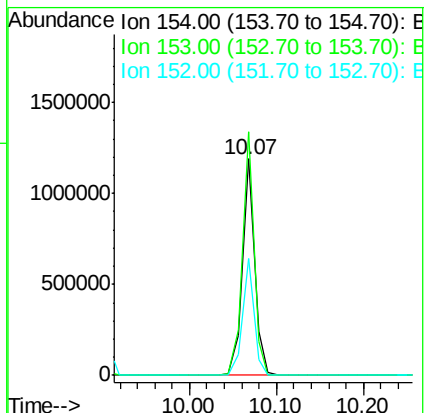
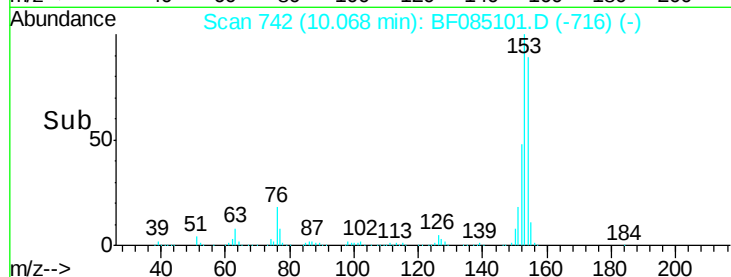
152 53.7 43.0 64.6



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: 55.43 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

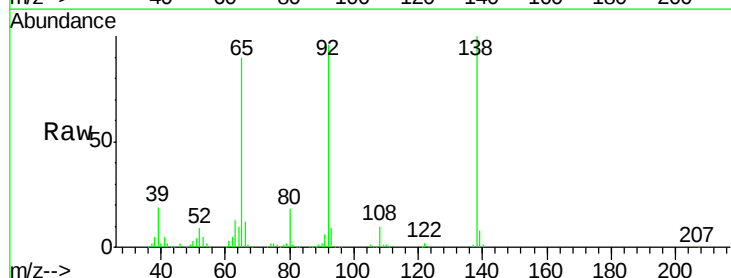
Tgt Ion:138 Resp: 410661

Ion Ratio Lower Upper

138 100

108 9.8 8.2 12.2

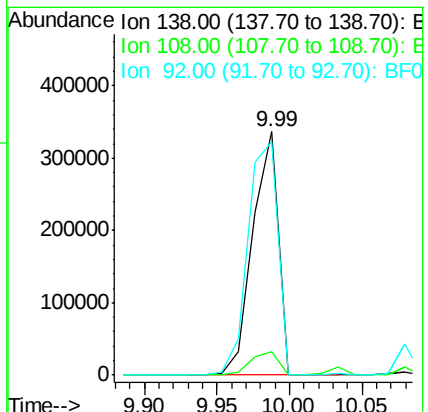
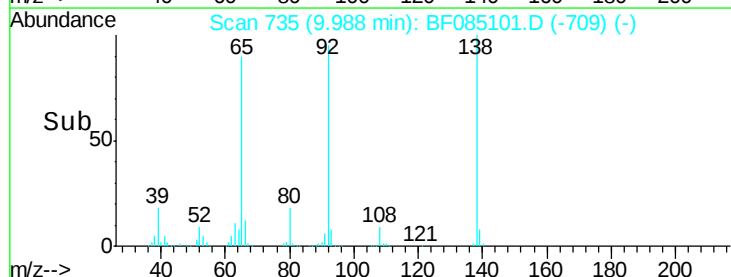
92 96.0 89.0 133.6

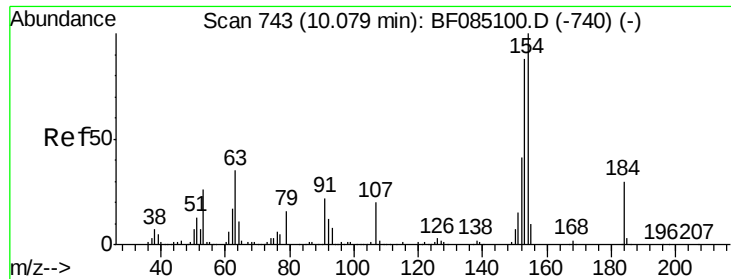


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

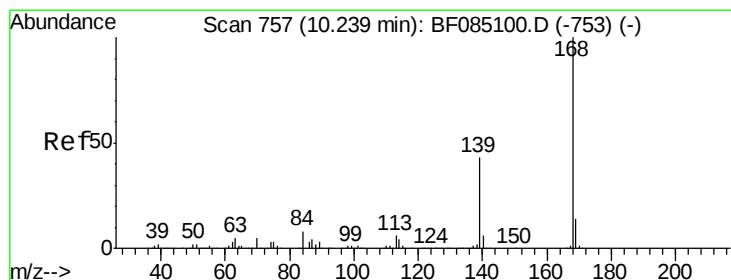
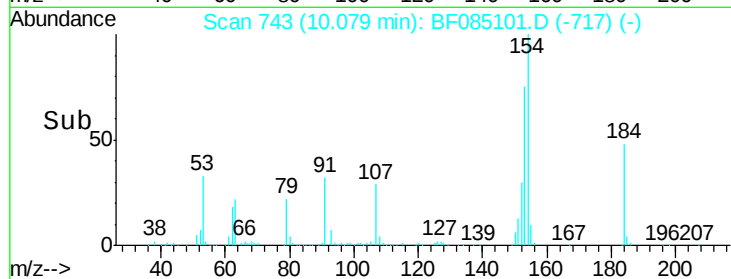
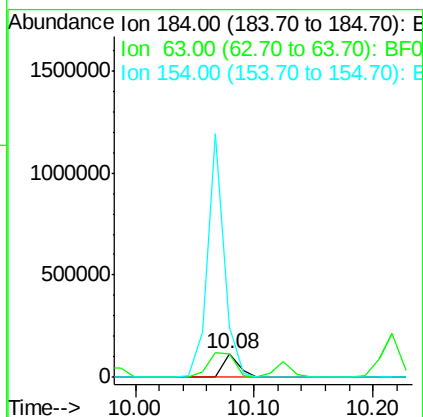
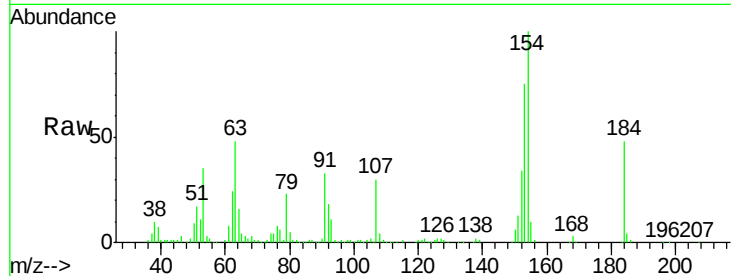




#53
2,4-Dinitrophenol
Concen: 64.02 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF085101.D
Acq: 1 Mar 2016 20:01

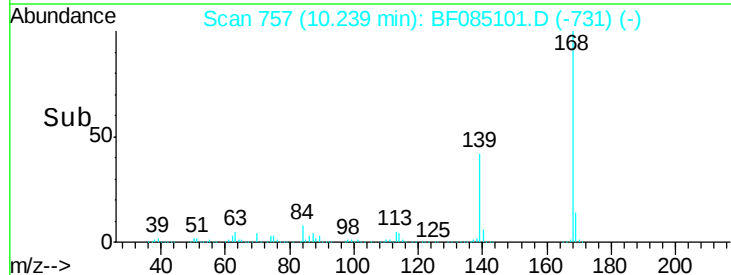
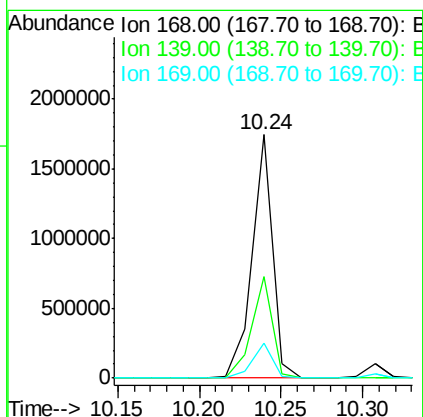
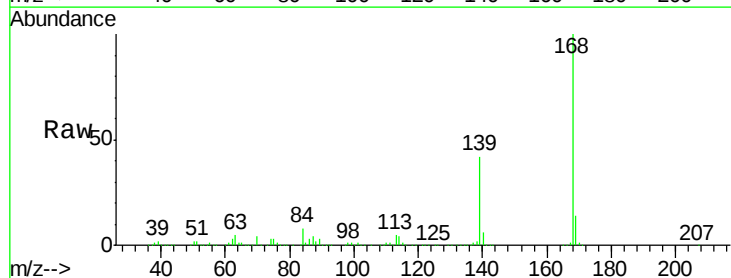
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

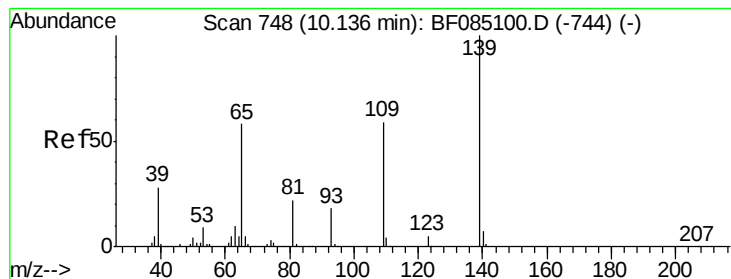
Tgt Ion:184 Resp: 108323
Ion Ratio Lower Upper
184 100
63 101.3 94.0 141.0
154 210.4 269.8 404.8#



#54
Dibenzofuran
Concen: 44.78 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085101.D
Acq: 1 Mar 2016 20:01

Tgt Ion:168 Resp: 1523191
Ion Ratio Lower Upper
168 100
139 41.7 34.2 51.2
169 14.2 11.4 17.2





#55

4-Nitrophenol

Concen: 46.82 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

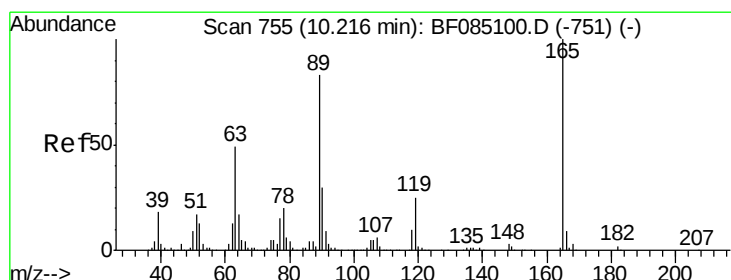
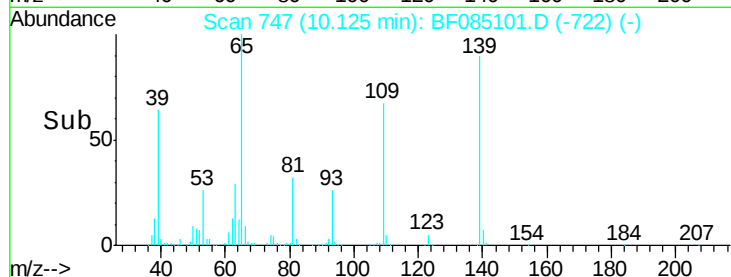
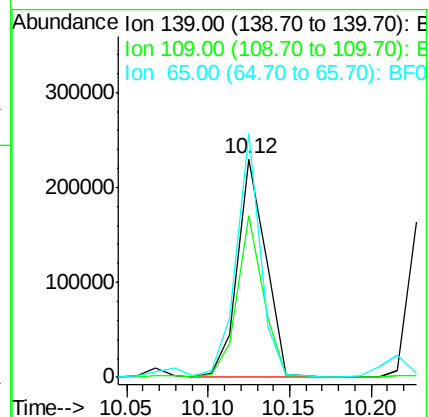
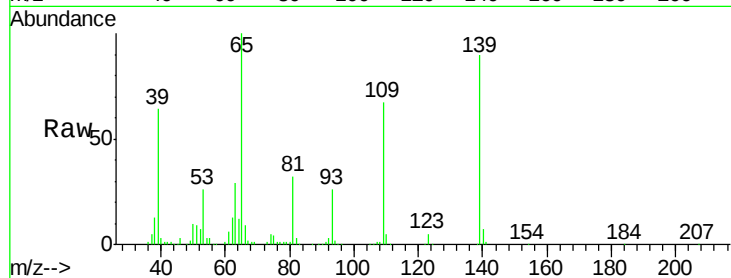
Tgt Ion:139 Resp: 274640

Ion Ratio Lower Upper

139 100

109 74.3 39.5 79.5

65 111.5 38.4 78.4#



#56

2,4-Dinitrotoluene

Concen: 56.98 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF085101.D

Acq: 1 Mar 2016 20:01

Tgt Ion:165 Resp: 441682

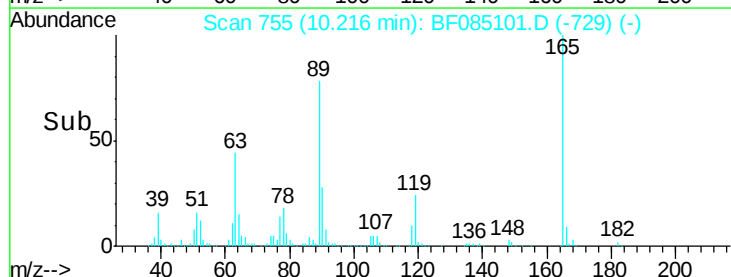
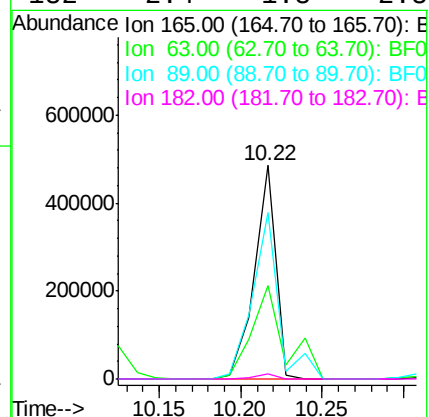
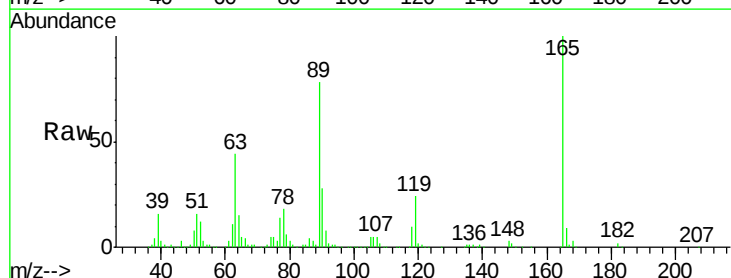
Ion Ratio Lower Upper

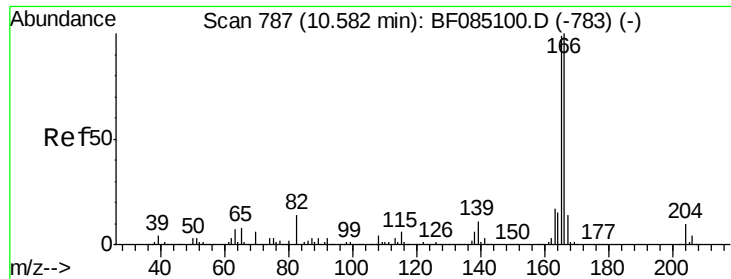
165 100

63 43.9 39.2 58.8

89 78.1 66.2 99.4

182 2.4 1.8 2.8

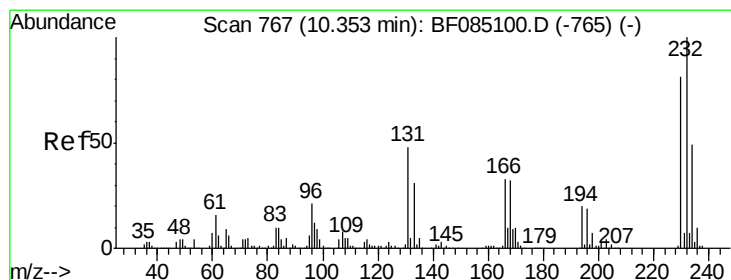
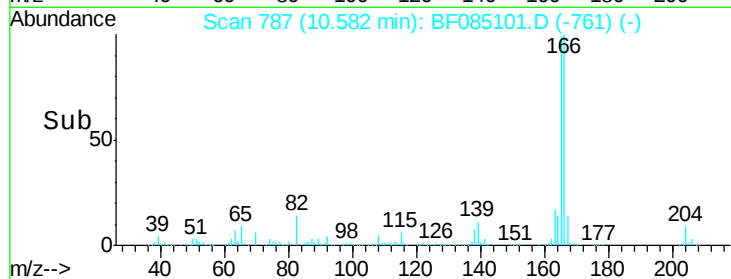
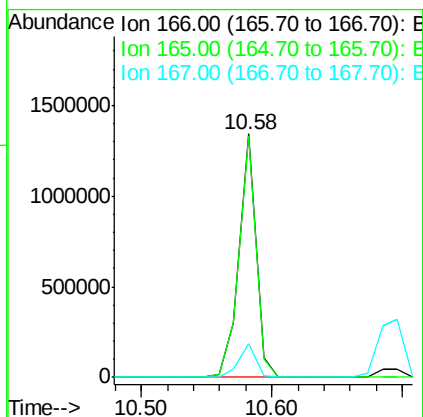
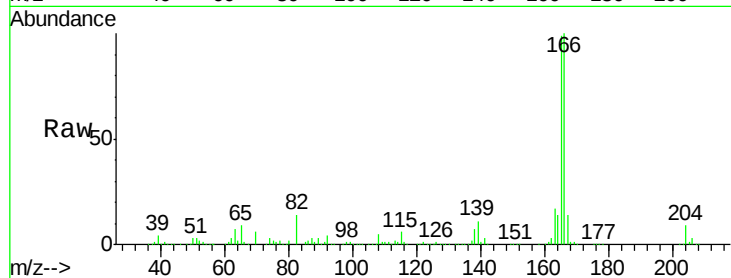




#57
 Fluorene
 Concen: 43.41 ng
 RT: 10.58 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF085101.D
 Acq: 1 Mar 2016 20:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:166 Resp: 1213902
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.4 119.2
 167 13.9 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.43 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF085101.D
 Acq: 1 Mar 2016 20:01

Tgt Ion:232 Resp: 337901
 Ion Ratio Lower Upper
 232 100
 131 50.2 41.6 62.4
 130 2.5 2.1 3.1
 166 32.4 26.8 40.2

