

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087318.D
 Acq On : 24 May 2016 1:06
 Operator : UM/SJ
 Sample : PB90819BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90819BS

Quant Time: May 24 01:58:30 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	129412	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	538009	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	256258	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	469457	20.00	ng	0.00
75) Chrysene-d12	18.56	240	378650	20.00	ng	0.00
86) Perylene-d12	20.23	264	294869	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	957634	130.03	ng	0.02
7) Phenol-d6	7.15	99	1223128	122.91	ng	-0.01
23) Nitrobenzene-d5	8.52	82	831174	77.86	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	291021	118.18	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1434154	78.90	ng	0.00
78) Terphenyl-d14	17.21	244	1314471	73.80	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	124218	31.96	ng	# 62
3) Pyridine	2.65	79	279084	32.85	ng	# 68
4) n-Nitrosodimethylamine	2.62	42	258593	39.50	ng	# 48
6) Aniline	7.12	93	264968	20.58	ng	92
8) 2-Chlorophenol	7.29	128	378117	41.17	ng	89
9) Benzaldehyde	6.96	77	55997	10.19	ng	97
10) Phenol	7.18	94	458005	42.15	ng	86
11) bis(2-Chloroethyl)ether	7.26	93	355245	40.39	ng	88
12) 1,3-Dichlorobenzene	7.51	146	385621	38.49	ng	# 92
13) 1,4-Dichlorobenzene	7.87	146	360135	35.02	ng	94
14) 1,2-Dichlorobenzene	7.87	146	379197	39.86	ng	100
15) Benzyl Alcohol	7.91	79	319150	43.99	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.10	45	742690	37.53	ng	92
17) 2-Methylphenol	8.11	107	305349	41.48	ng	# 79
18) Hexachloroethane	8.39	117	150003	39.10	ng	96
19) n-Nitroso-di-n-propylamine	8.33	70	313282	42.21	ng	# 74
20) 3+4-Methylphenols	8.38	107	389600	43.78	ng	# 60
22) Acetophenone	8.30	105	544525	42.36	ng	# 97
24) Nitrobenzene	8.56	77	434355	38.55	ng	95
25) Isophorone	8.95	82	776154	40.54	ng	99
26) 2-Nitrophenol	9.06	139	191845	41.65	ng	# 76
27) 2,4-Dimethylphenol	9.20	122	342730	42.86	ng	88
28) bis(2-Chloroethoxy)methane	9.32	93	472313	43.80	ng	# 98
29) 2,4-Dichlorophenol	9.47	162	313588	43.52	ng	98
30) 1,2,4-Trichlorobenzene	9.56	180	328840	39.86	ng	97
31) Naphthalene	9.68	128	1091342	40.48	ng	99
32) Benzoic acid	9.52	122	157367	39.41	ng	# 77
33) 4-Chloroaniline	9.84	127	118111	11.89	ng	# 95
34) Hexachlorobutadiene	9.88	225	192883	38.47	ng	100
35) Caprolactam	10.54	113	36626	17.41	ng	# 64
36) 4-Chloro-3-methylphenol	10.68	107	343626	42.18	ng	92
37) 2-Methylnaphthalene	10.80	142	700158	41.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.08	216	309161	37.69	ng	98
40) Hexachlorocyclopentadiene	11.05	237	259013	77.12	ng	95

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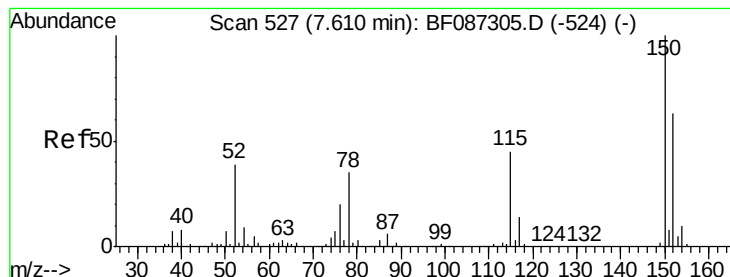
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.30	196	183570	38.77	ng	96
43) 2,4,5-Trichlorophenol	11.38	196	199635	41.40	ng	# 85
45) 1,1'-Biphenyl	11.58	154	875781	40.59	ng	98
46) 2-Chloronaphthalene	11.59	162	645728	39.12	ng	94
47) 2-Nitroaniline	11.80	65	248336	41.76	ng	# 81
48) Acenaphthylene	12.25	152	1045420	40.01	ng	99
49) Dimethylphthalate	12.12	163	819243	39.91	ng	100
50) 2,6-Dinitrotoluene	12.22	165	168902	40.83	ng	# 81
51) Acenaphthene	12.52	154	637170	39.67	ng	98
52) 3-Nitroaniline	12.49	138	70992	16.72	ng	# 87
53) 2,4-Dinitrophenol	12.68	184	149587	71.43	ng	87
54) Dibenzofuran	12.82	168	953474	43.84	ng	98
55) 4-Nitrophenol	12.87	139	174183	86.01	ng	# 64
56) 2,4-Dinitrotoluene	12.88	165	229493	41.51	ng	# 91
57) Fluorene	13.37	166	742330	39.37	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.05	232	175515	47.32	ng	98
59) Diethylphthalate	13.28	149	796941	39.93	ng	99
60) 4-Chlorophenyl-phenylether	13.39	204	363154	39.49	ng	98
61) 4-Nitroaniline	13.50	138	155909	39.35	ng	# 73
62) Azobenzene	13.66	77	933409	45.08	ng	87
64) 4,6-Dinitro-2-methylphenol	13.54	198	123267	41.30	ng	# 58
65) n-Nitrosodiphenylamine	13.61	169	635211	41.84	ng	100
66) 4-Bromophenyl-phenylether	14.18	248	207193	40.34	ng	99
67) Hexachlorobenzene	14.25	284	220355	41.02	ng	# 67
68) Atrazine	14.53	200	200543	41.44	ng	94
69) Pentachlorophenol	14.62	266	128662	77.30	ng	98
70) Phenanthrene	14.91	178	1088836	41.87	ng	100
71) Anthracene	15.01	178	1099613	41.86	ng	99
72) Carbazole	15.29	167	986465	44.03	ng	99
73) Di-n-butylphthalate	15.85	149	1207263	41.67	ng	# 98
74) Fluoranthene	16.66	202	1070978	41.07	ng	97
76) Benzidine	16.89	184	358652	36.81	ng	97
77) Pyrene	16.97	202	1122961	41.20	ng	99
79) Butylbenzylphthalate	17.87	149	493569	40.83	ng	# 72
80) Benzo(a)anthracene	18.55	228	897698	41.68	ng	99
81) 3,3'-Dichlorobenzidine	18.54	252	140717	11.83	ng	# 97
82) Chrysene	18.59	228	897128	41.97	ng	100
83) Bis(2-ethylhexyl)phthalate	18.62	149	703950	39.91	ng	97
84) Di-n-octyl phthalate	19.38	149	1155780	42.97	ng	# 87
85) Indeno(1,2,3-cd)pyrene	21.49	276	683726	39.90	ng	95
87) Benzo(b)fluoranthene	19.82	252	1517843	80.81	ng	# 96
88) Benzo(k)fluoranthene	19.82	252	1518727	93.94	ng	99
89) Benzo(a)pyrene	20.17	252	701311	43.17	ng	# 97
90) Dibenzo(a,h)anthracene	21.49	278	580749	41.91	ng	98
91) Benzo(g,h,i)perylene	21.85	276	571488	41.80	ng	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

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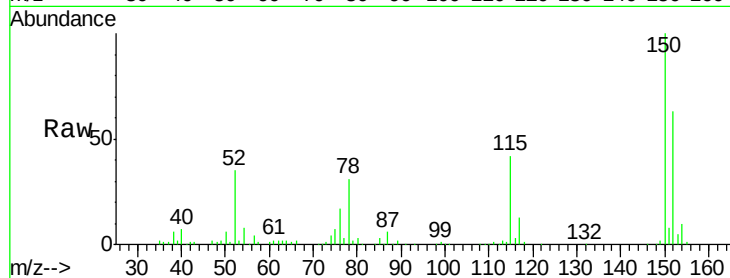
Tgt Ion: 152 Resp: 129412

Ion Ratio Lower Upper

152 100

150 158.0 125.8 188.6

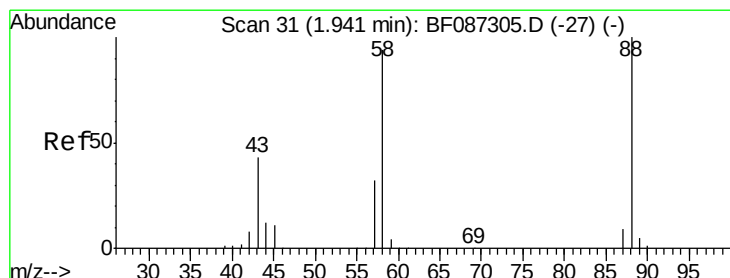
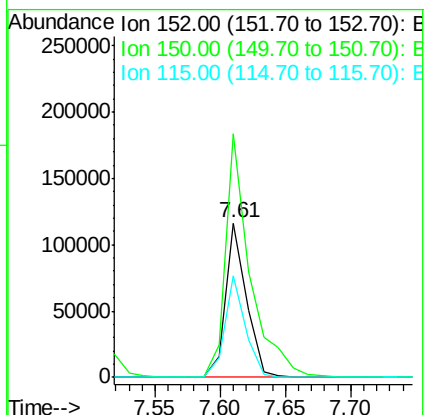
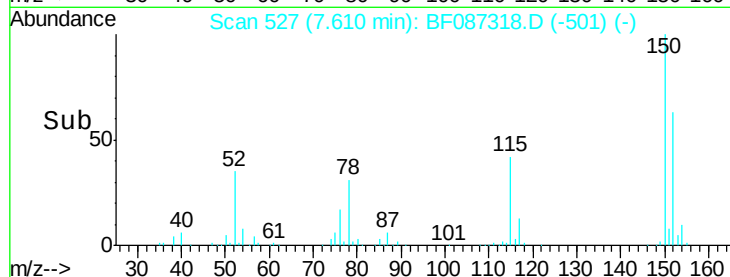
115 65.7 51.5 77.3



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: 31.96 ng

RT: 2.04 min Scan# 40

Delta R.T. 0.10 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

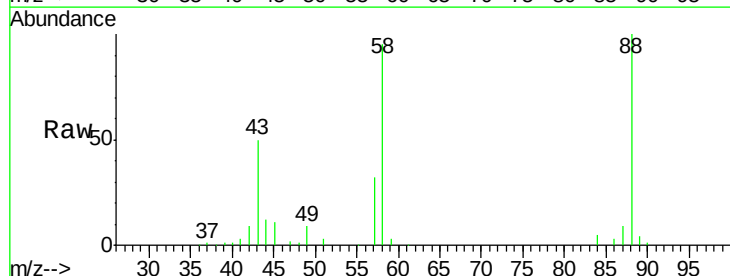
Tgt Ion: 88 Resp: 124218

Ion Ratio Lower Upper

88 100

58 97.9 59.6 89.4#

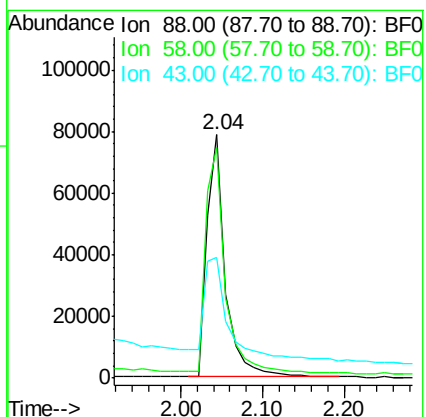
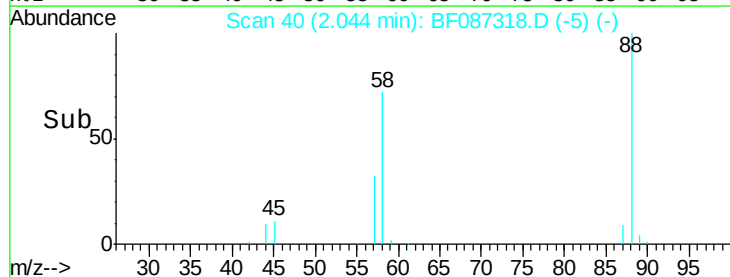
43 61.3 21.8 32.6#

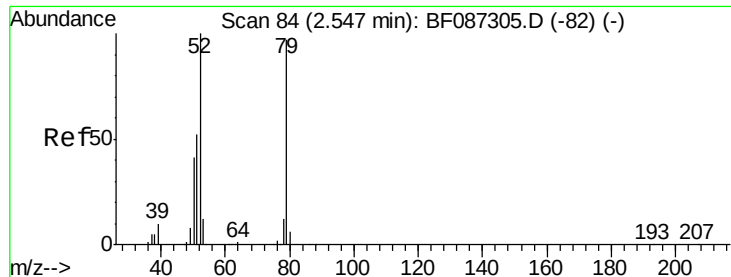


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

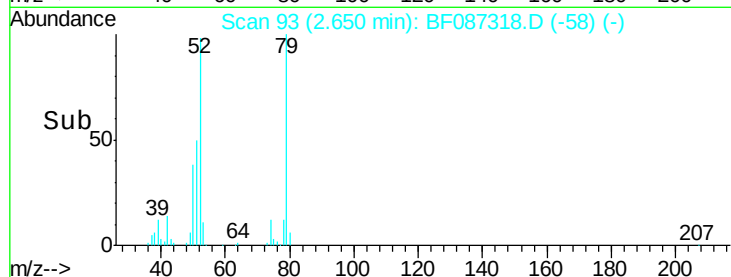
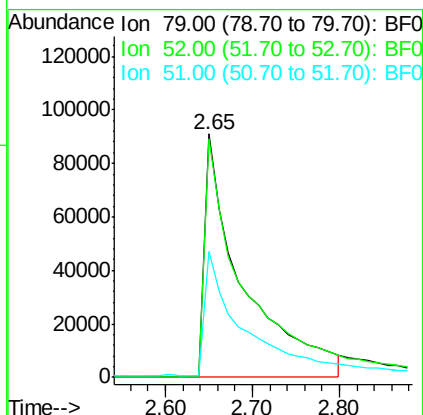
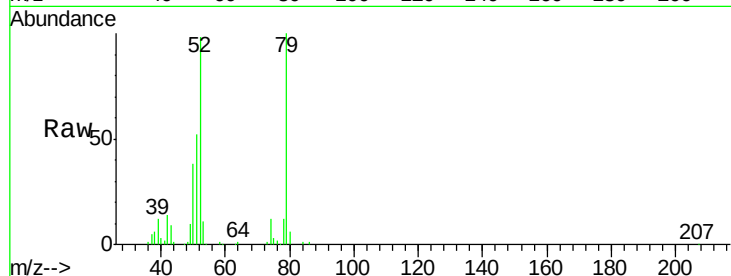




#3
 Pyridine
 Concen: 32.85 ng
 RT: 2.65 min Scan# 93
 Delta R.T. 0.10 min
 Lab File: BF087318.D
 Acq: 24 May 2016 1:06

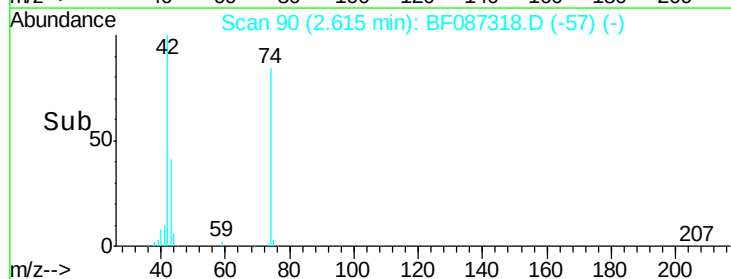
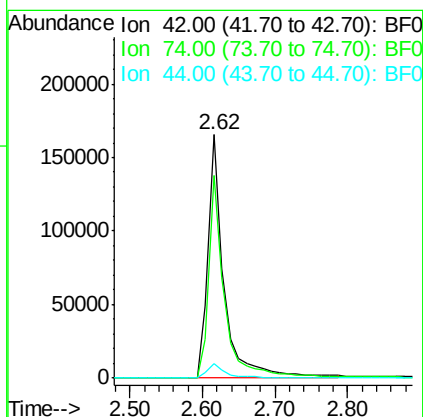
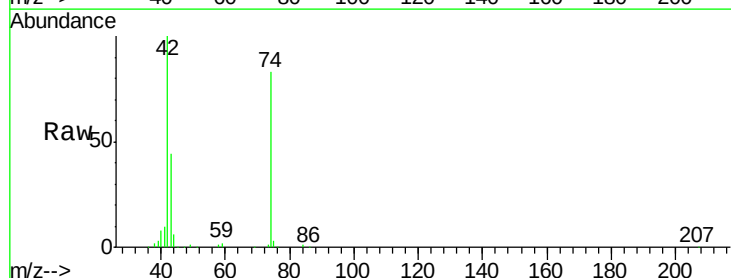
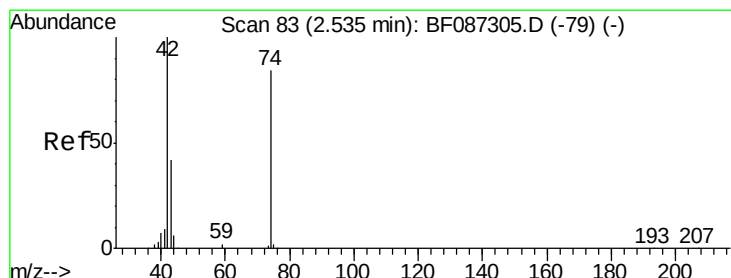
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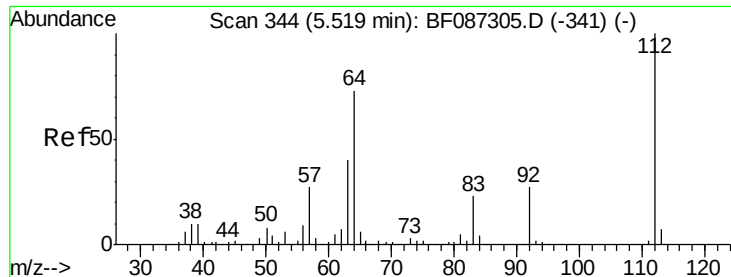
Tgt Ion: 79 Resp: 279084
 Ion Ratio Lower Upper
 79 100
 52 98.0 55.9 83.9#
 51 51.7 28.1 42.1#



#4
 n-Nitrosodimethylamine
 Concen: 39.50 ng
 RT: 2.62 min Scan# 90
 Delta R.T. 0.08 min
 Lab File: BF087318.D
 Acq: 24 May 2016 1:06

Tgt Ion: 42 Resp: 258593
 Ion Ratio Lower Upper
 42 100
 74 83.5 123.4 185.0#
 44 6.1 5.8 8.6





#5

2-Fluorophenol

Concen: 130.03 ng

RT: 5.54 min Scan# 346

Delta R.T. 0.02 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

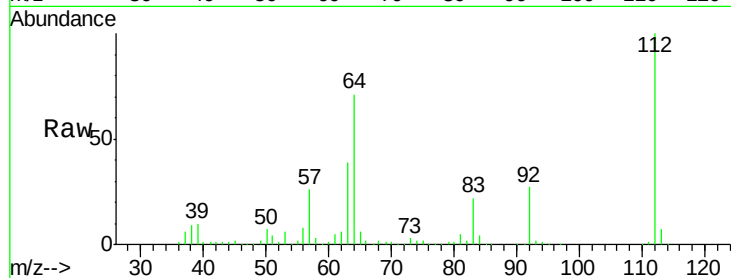
Instrument :

BNA_F

ClientSampleId :

PB90819BS

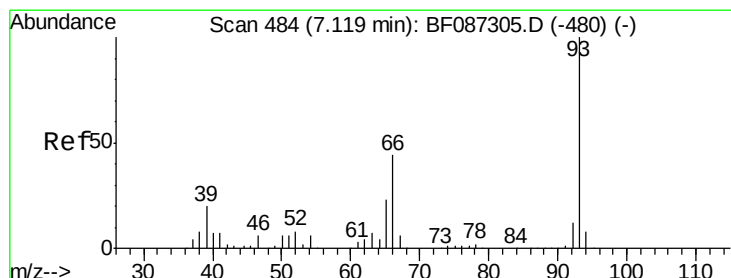
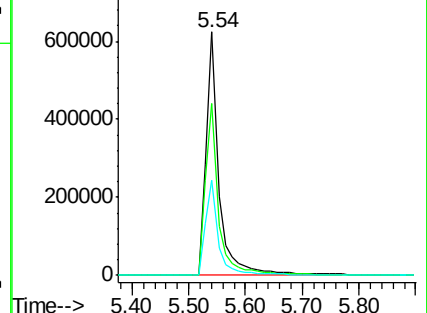
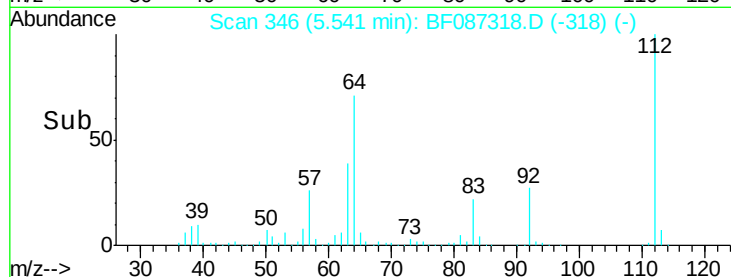
Tgt Ion:	112	Resp:	957634
Ion	Ratio	Lower	Upper
112	100		
64	70.9	52.1	78.1
63	39.0	25.7	38.5#



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: 20.58 ng

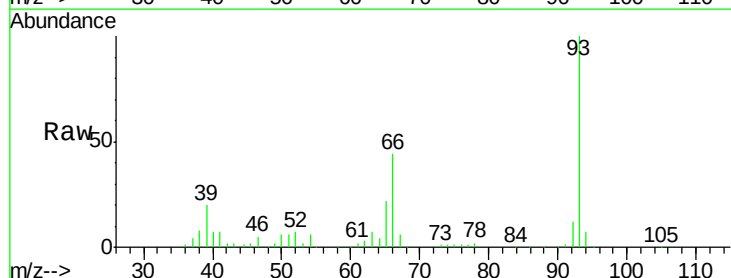
RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

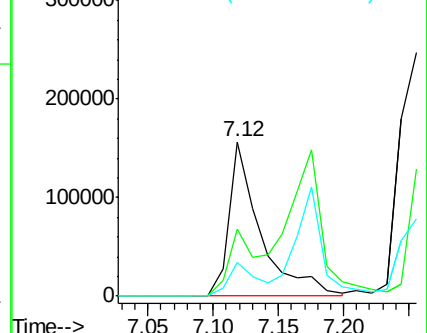
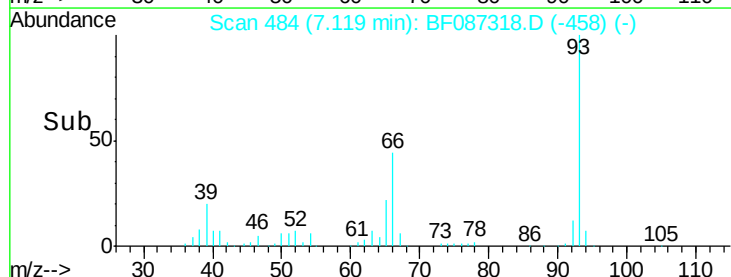
Tgt Ion:	93	Resp:	264968
Ion	Ratio	Lower	Upper
93	100		
66	43.5	39.0	58.6
65	21.8	20.6	31.0

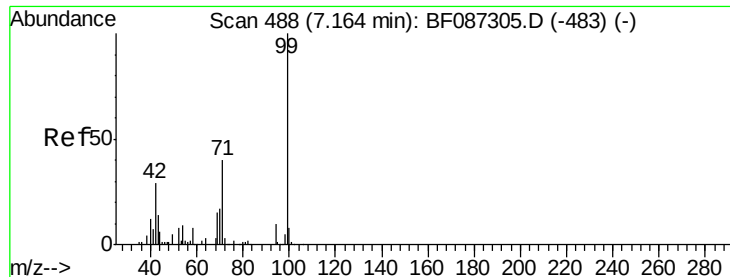


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.91 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087318.D

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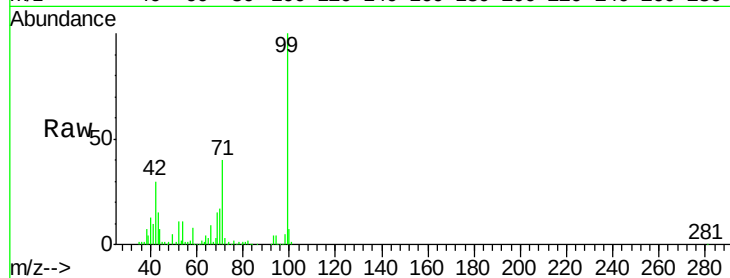
Tgt Ion: 99 Resp: 1223128

Ion Ratio Lower Upper

99 100

42 30.0 13.6 20.4#

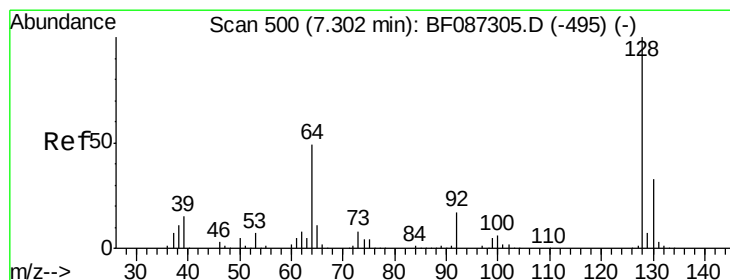
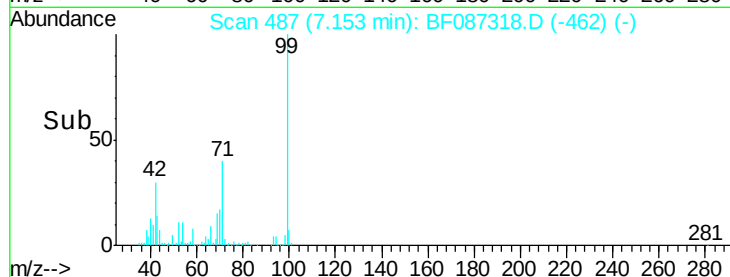
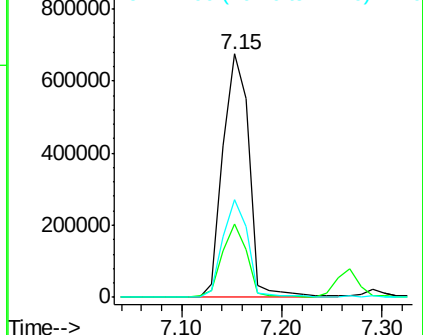
71 40.3 24.6 36.8#



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: 41.17 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

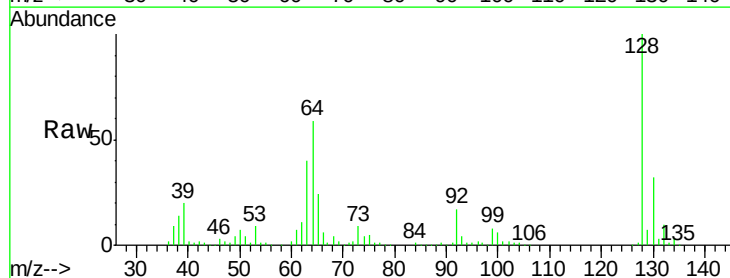
Tgt Ion: 128 Resp: 378117

Ion Ratio Lower Upper

128 100

130 31.7 12.5 52.5

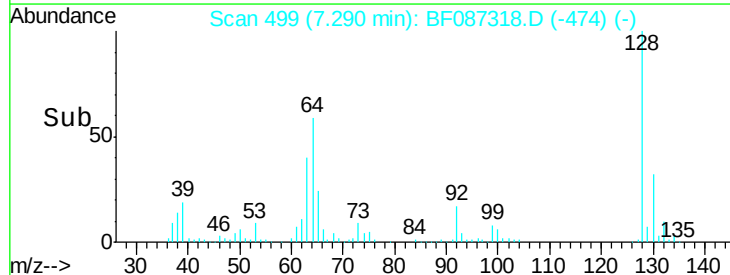
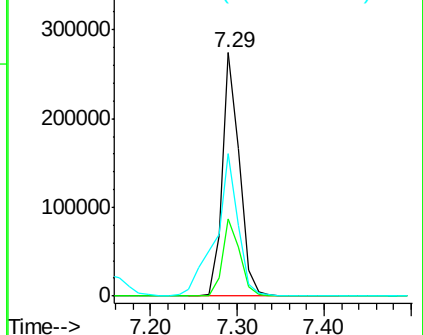
64 58.8 27.3 67.3

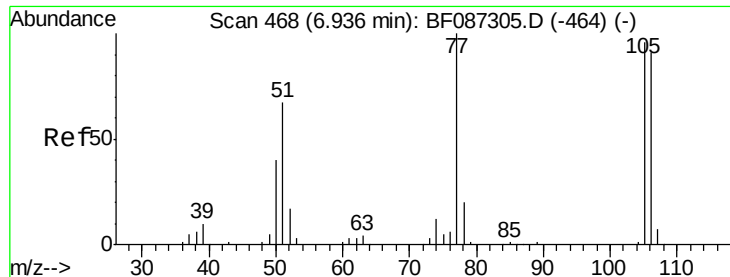


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.19 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.02 min

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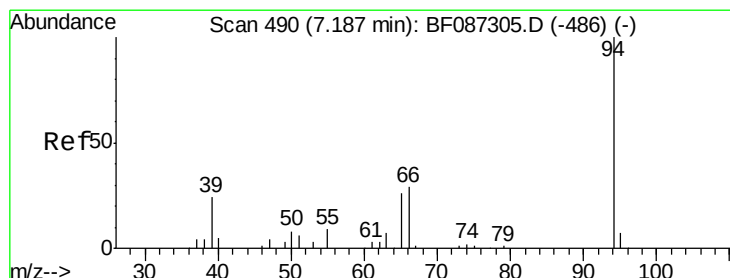
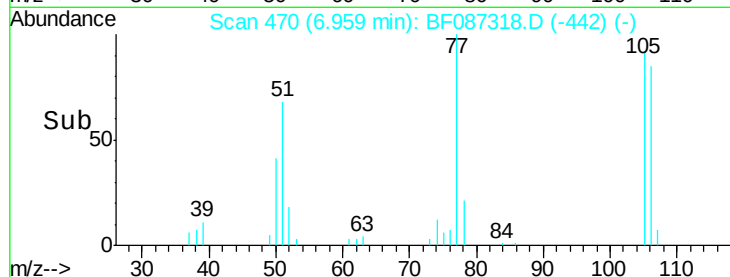
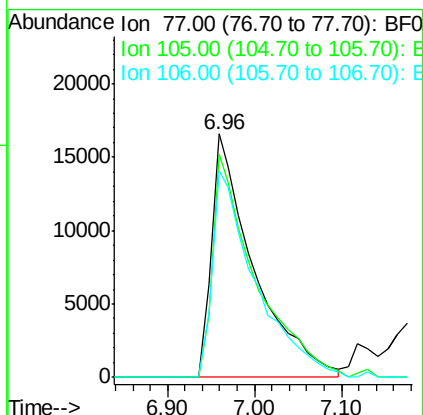
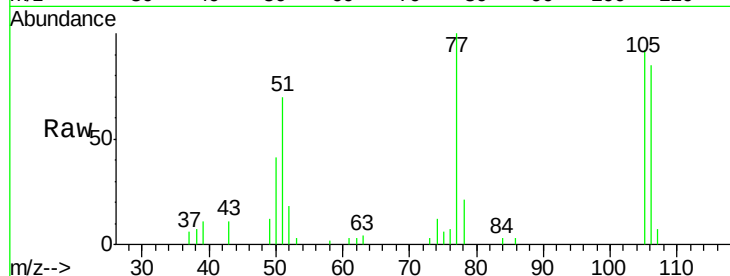
Tgt Ion: 77 Resp: 55997

Ion Ratio Lower Upper

77 100

105 91.8 72.7 112.7

106 85.0 70.8 110.8



#10

Phenol

Concen: 42.15 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

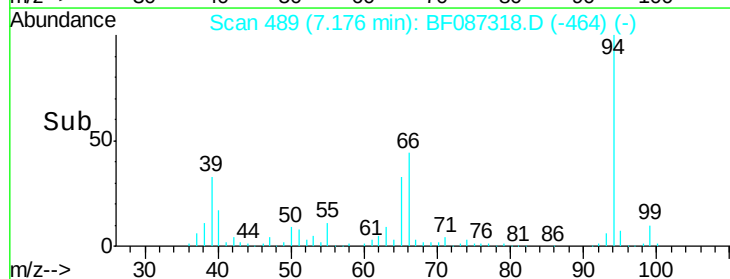
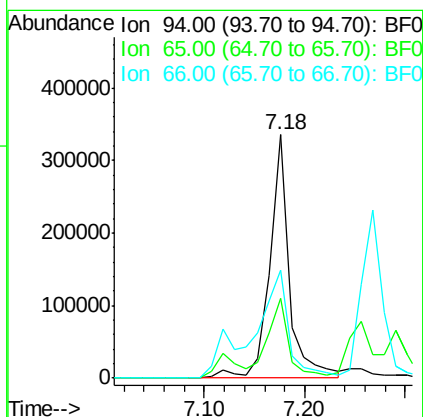
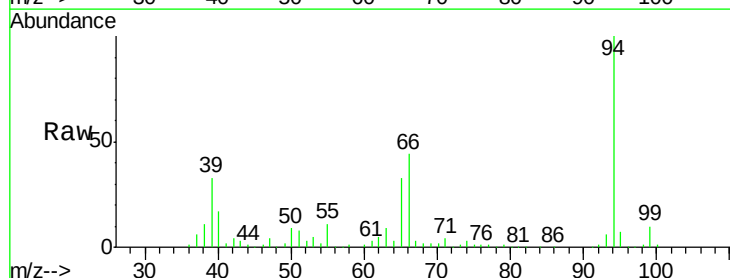
Tgt Ion: 94 Resp: 458005

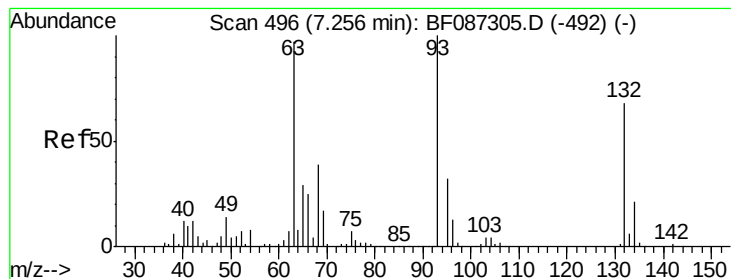
Ion Ratio Lower Upper

94 100

65 32.9 7.2 47.2

66 44.4 14.9 54.9

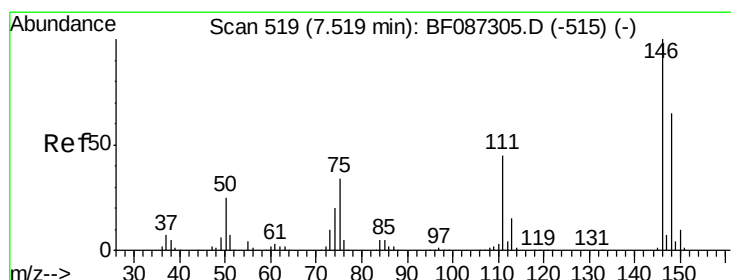
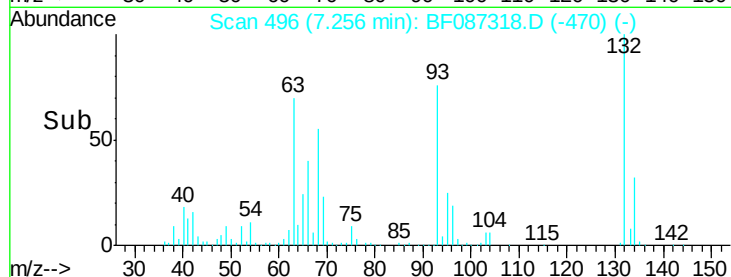
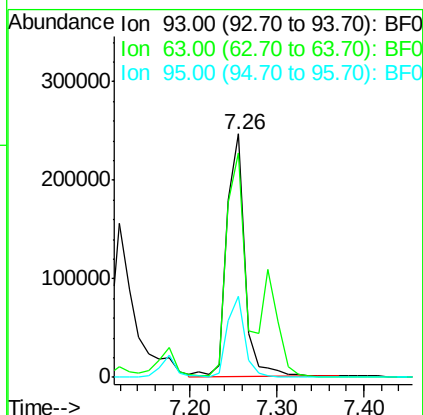
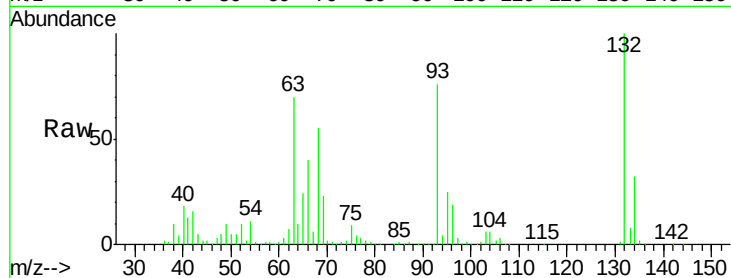




#11
bis(2-Chloroethyl)ether
Concen: 40.39 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087318.D
Acq: 24 May 2016 1:06

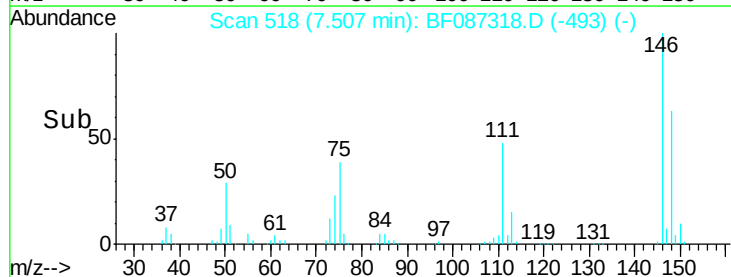
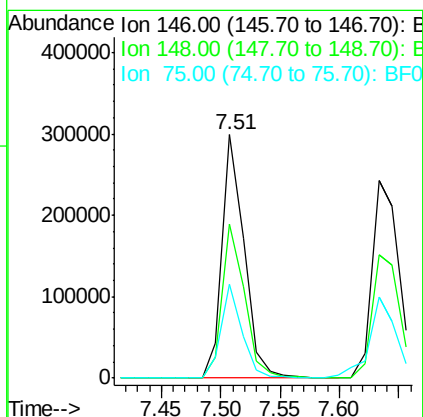
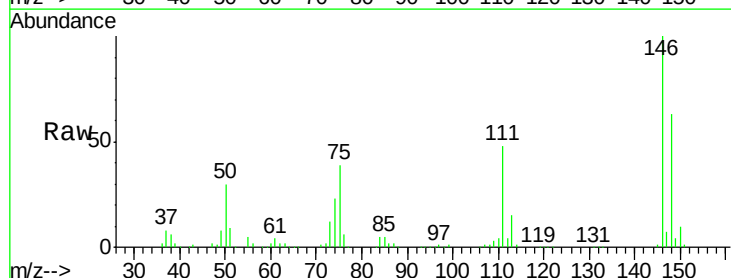
Instrument :
BNA_F
ClientSampleId :
PB90819BS

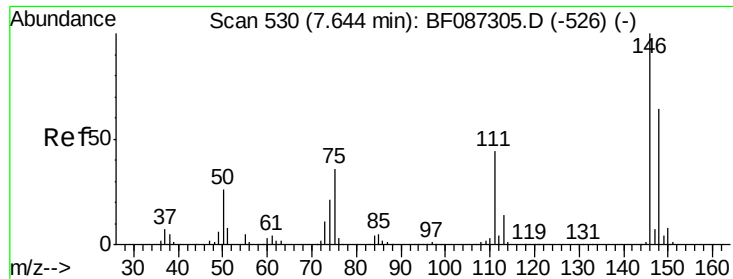
Tgt Ion	Ratio	Lower	Upper
93	100		
63	92.1	58.0	98.0
95	33.2	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 38.49 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087318.D
Acq: 24 May 2016 1:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.4	78.6
75	38.7	22.8	34.2

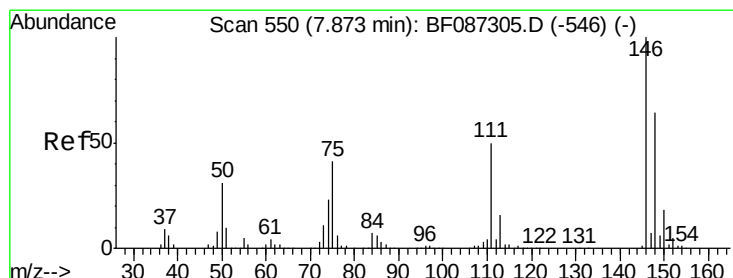
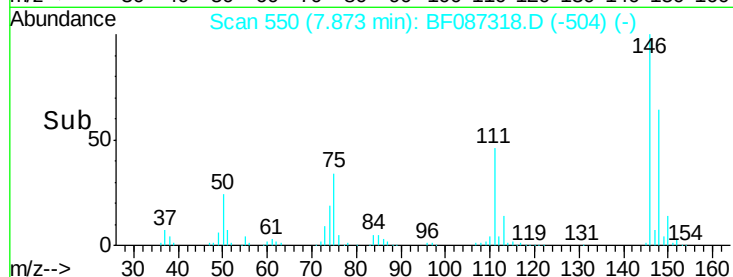
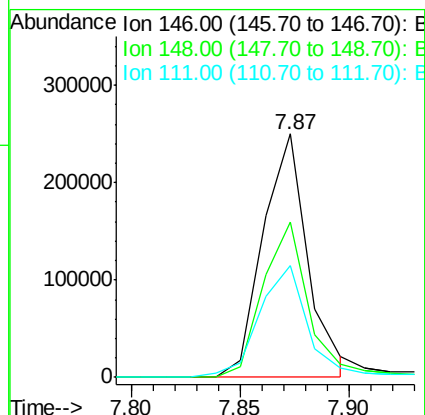
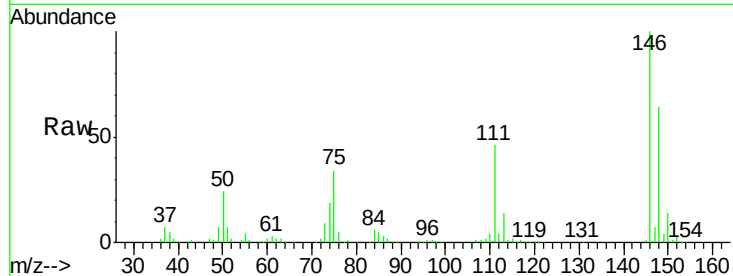




#13
 1,4-Dichlorobenzene
 Concen: 35.02 ng
 RT: 7.87 min Scan# 550
 Delta R.T. 0.23 min
 Lab File: BF087318.D
 Acq: 24 May 2016 1:06

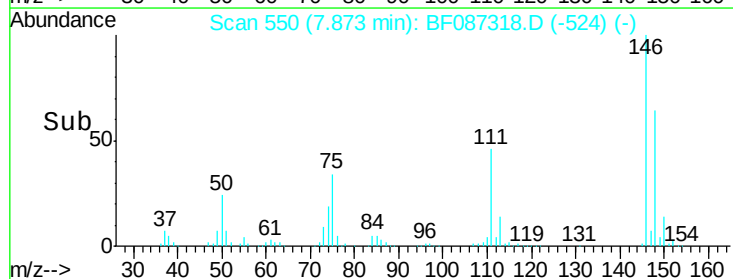
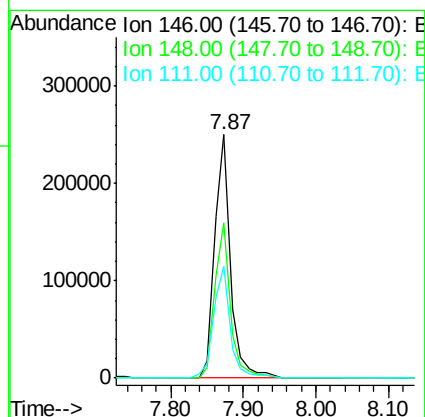
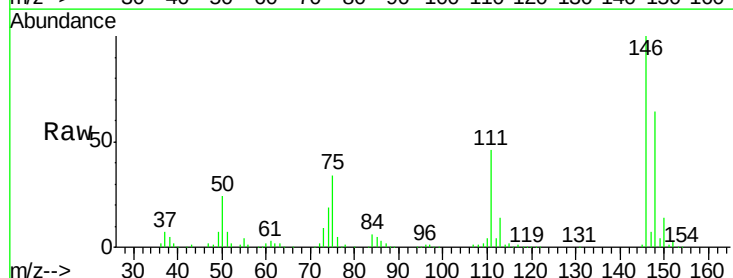
Instrument :
 BNA_F
 ClientSampleId :
 PB90819BS

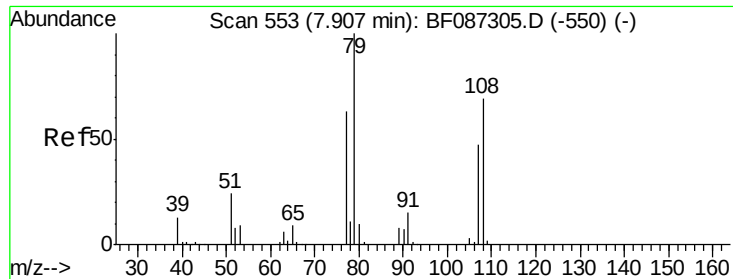
Tgt Ion:146 Resp: 360135
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.4
 111 45.7 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 39.86 ng
 RT: 7.87 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF087318.D
 Acq: 24 May 2016 1:06

Tgt Ion:146 Resp: 379197
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.6
 111 45.7 36.2 54.4





#15

Benzyl Alcohol

Concen: 43.99 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

Instrument :

BNA_F

ClientSampled :

PB90819BS

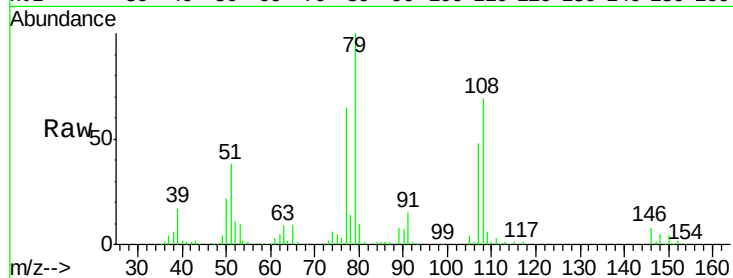
Tgt Ion: 79 Resp: 319150

Ion Ratio Lower Upper

79 100

108 69.4 68.4 102.6

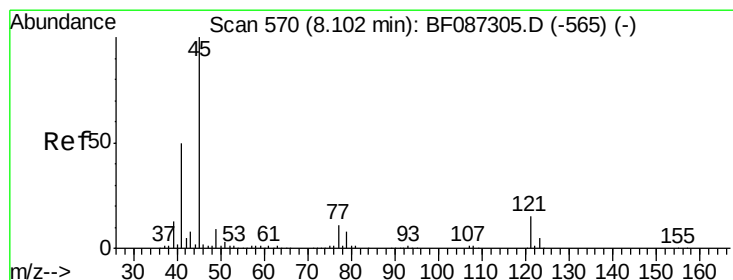
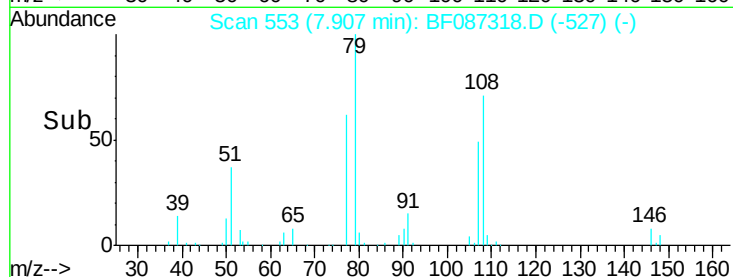
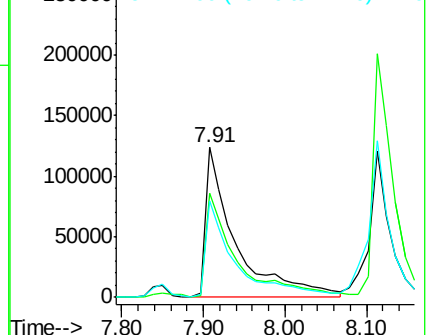
77 64.6 50.6 76.0



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: 37.53 ng

RT: 8.10 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

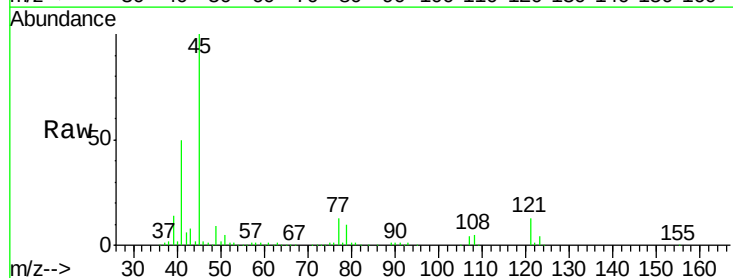
Tgt Ion: 45 Resp: 742690

Ion Ratio Lower Upper

45 100

77 12.6 0.0 36.4

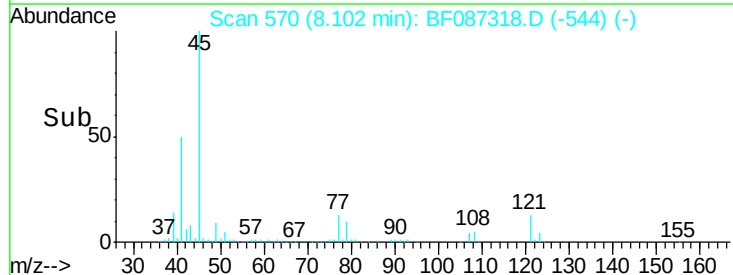
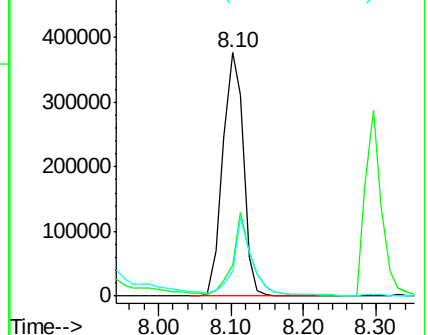
79 10.3 0.0 33.4

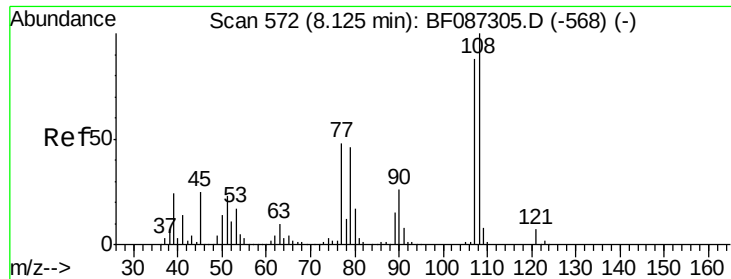


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.48 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB90819BS

Tgt Ion:107 Resp: 305349

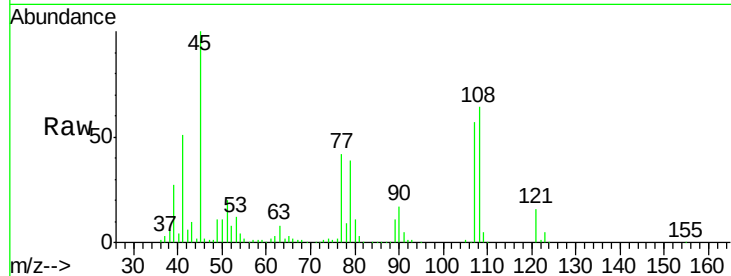
Ion Ratio Lower Upper

107 100

108 112.2 93.7 140.5

77 72.4 33.4 50.0#

79 67.5 34.3 51.5#



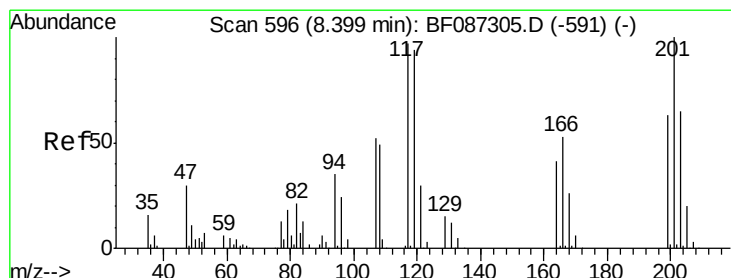
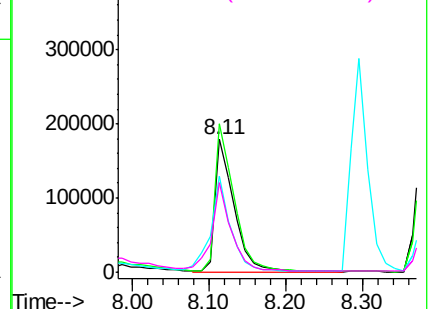
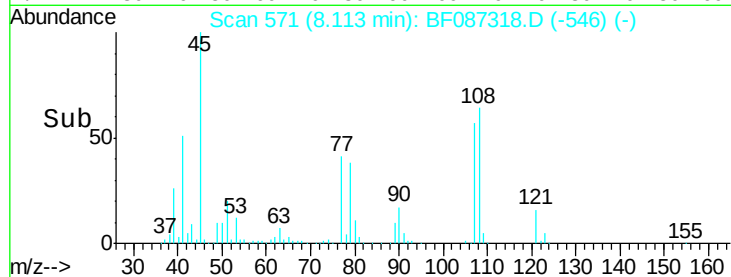
Abundance

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: 39.10 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.01 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

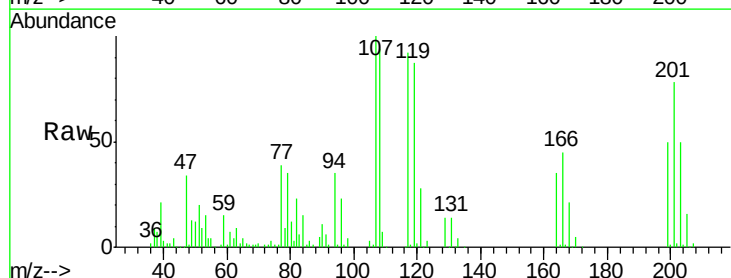
Tgt Ion:117 Resp: 150003

Ion Ratio Lower Upper

117 100

119 94.5 76.5 114.7

201 85.1 63.0 94.6

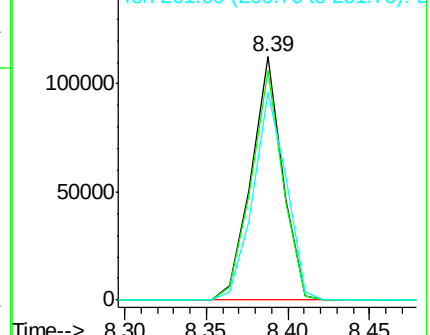
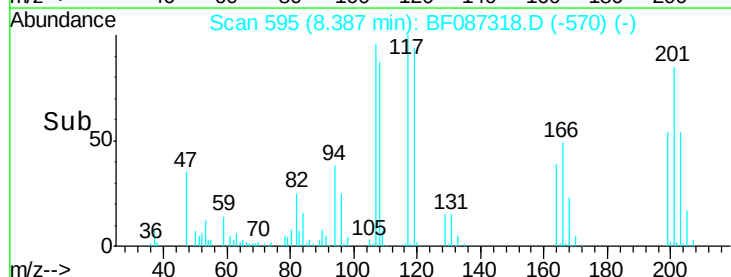


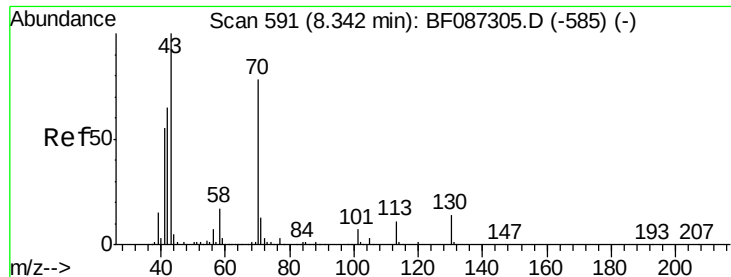
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

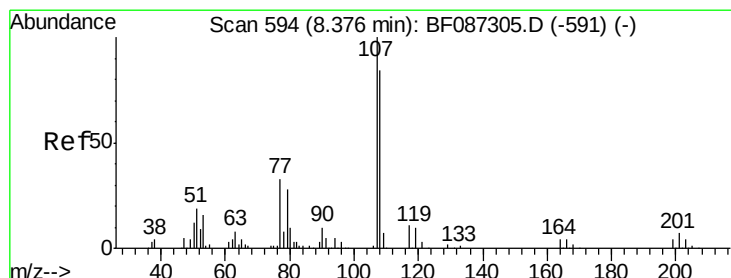
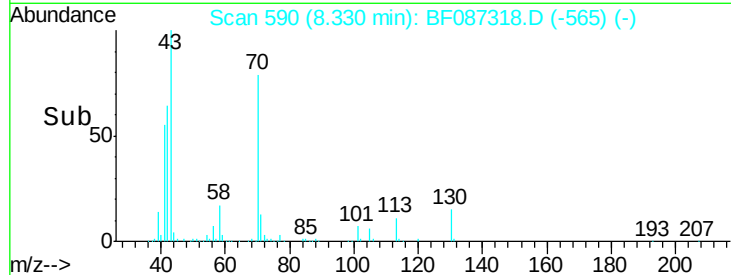
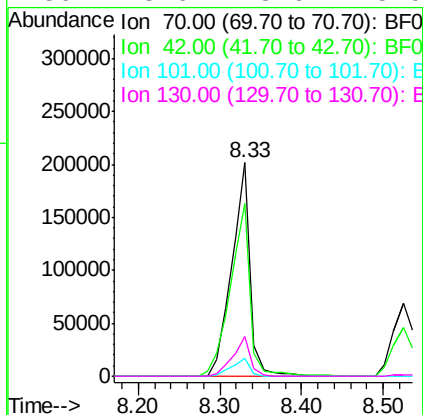
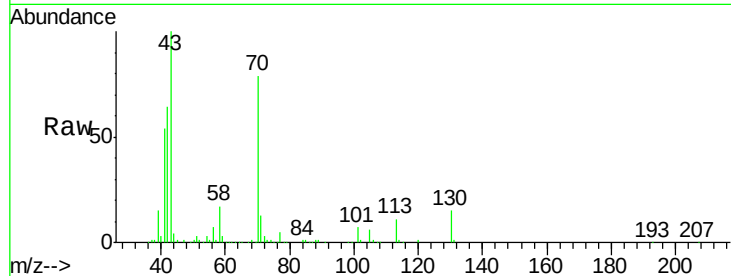




#19
n-Nitroso-di-n-propylamine
Concen: 42.21 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF087318.D
Acq: 24 May 2016 1:06

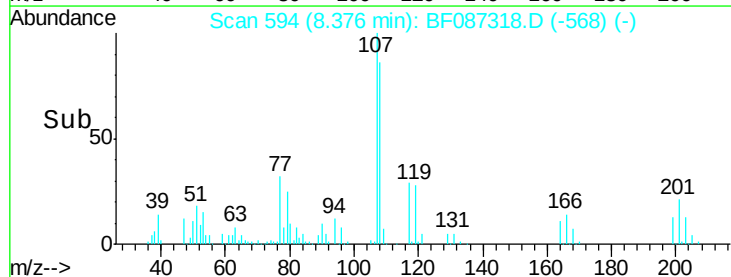
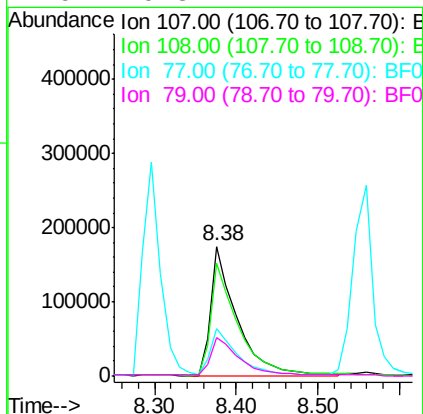
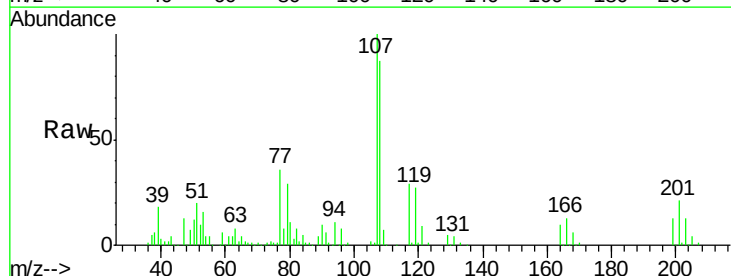
Instrument :
BNA_F
ClientSampleId :
PB90819BS

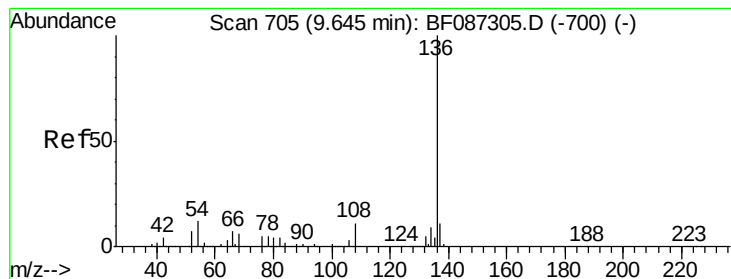
Tgt Ion	Ratio	Lower	Upper
70	100		
42	81.1	43.1	64.7#
101	8.7	8.1	12.1
130	18.6	18.6	28.0#



#20
3+4-Methylphenols
Concen: 43.78 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF087318.D
Acq: 24 May 2016 1:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.5	108.5
77	36.5	101.6	141.6#
79	29.3	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB90819BS

Tgt Ion:136 Resp: 538009

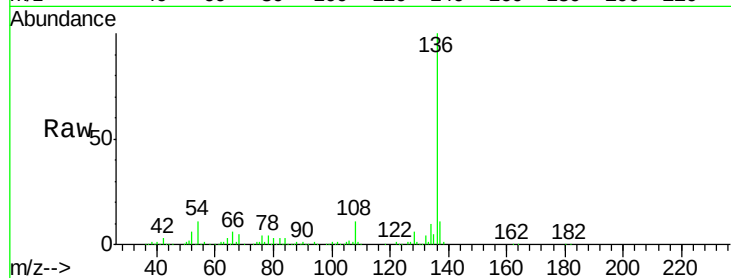
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 10.5 5.0 7.4#

68 5.2 4.4 6.6

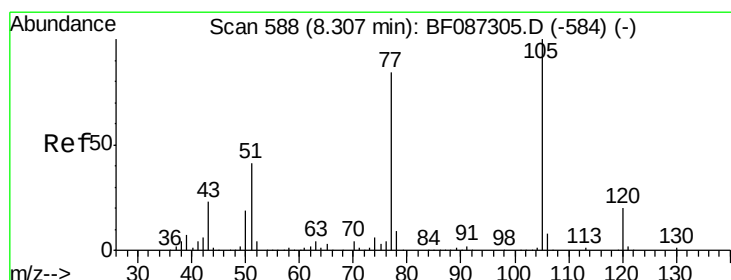
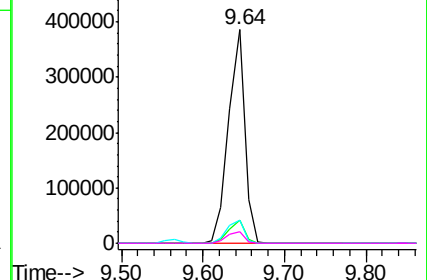
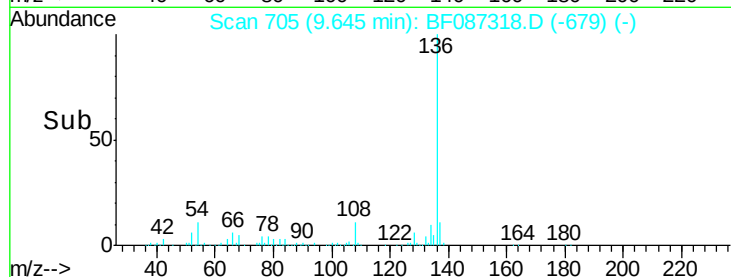


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 42.36 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

Tgt Ion:105 Resp: 544525

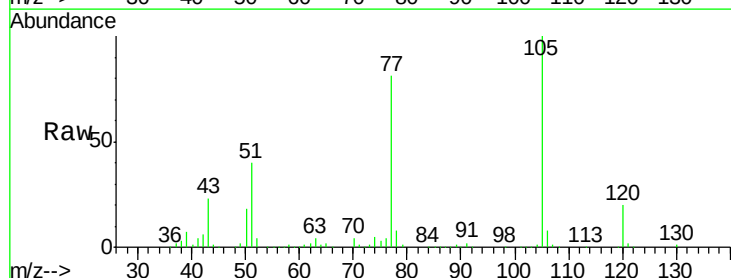
Ion Ratio Lower Upper

105 100

71 0.8 4.8 7.2#

51 39.5 32.6 49.0

120 20.4 16.5 24.7

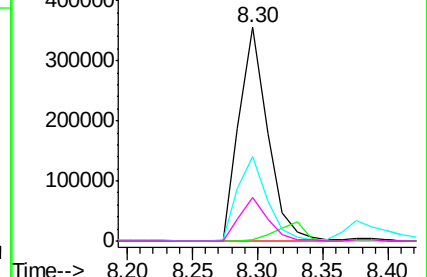
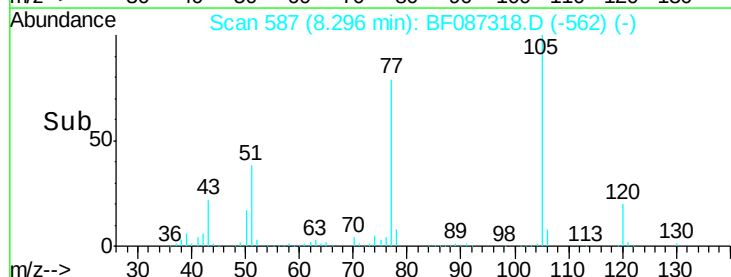


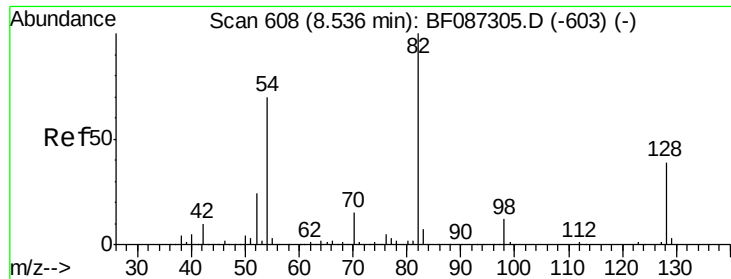
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

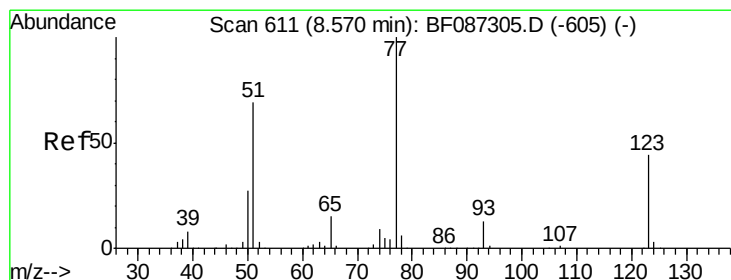
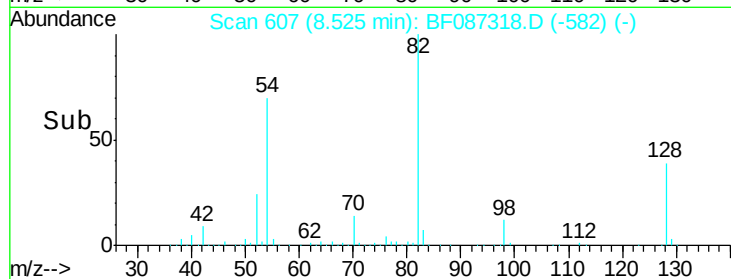
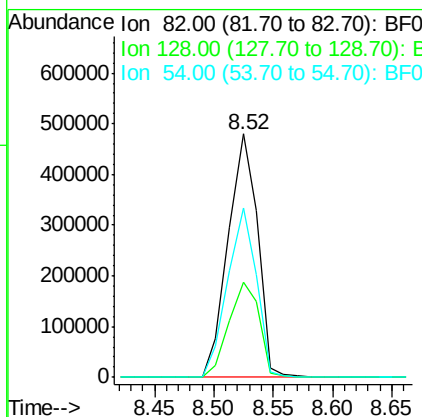
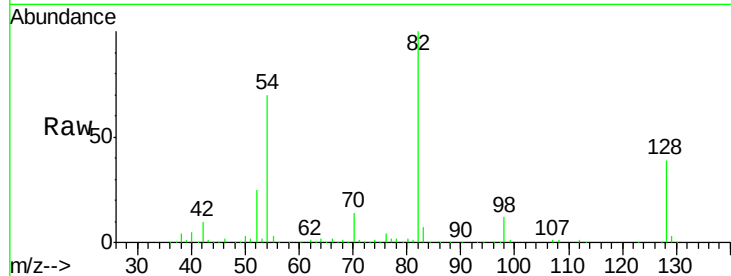




#23
 Nitrobenzene-d5
 Concen: 77.86 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF087318.D
 Acq: 24 May 2016 1:06

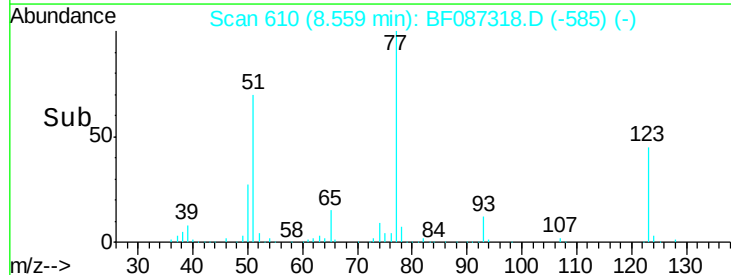
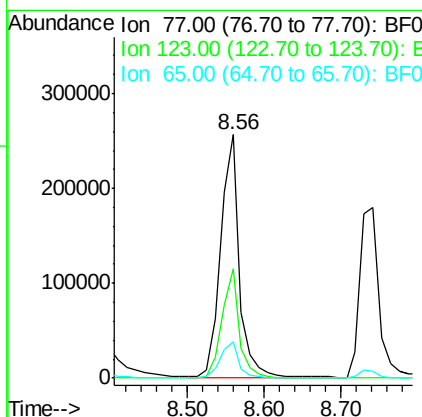
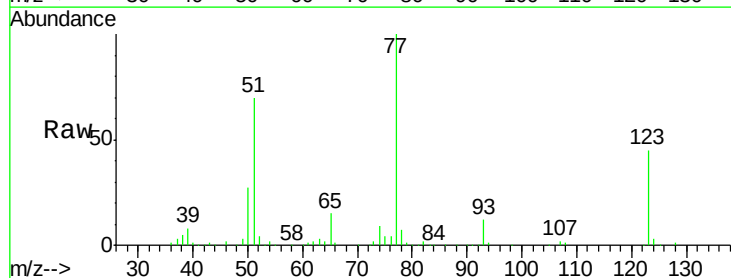
Instrument :
 BNA_F
 ClientSampleId :
 PB90819BS

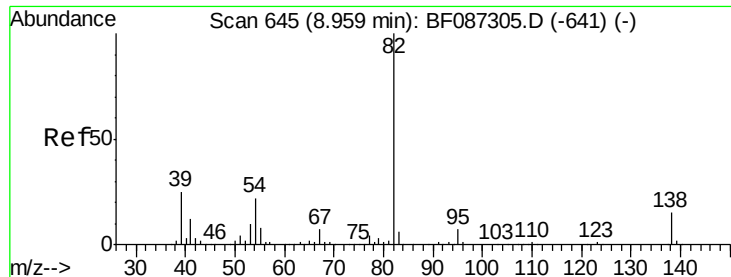
Tgt Ion: 82 Resp: 831174
 Ion Ratio Lower Upper
 82 100
 128 39.0 40.6 61.0#
 54 69.6 38.1 57.1#



#24
 Nitrobenzene
 Concen: 38.55 ng
 RT: 8.56 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF087318.D
 Acq: 24 May 2016 1:06

Tgt Ion: 77 Resp: 434355
 Ion Ratio Lower Upper
 77 100
 123 44.6 33.0 49.4
 65 14.7 10.8 16.2





#25

Isophorone

Concen: 40.54 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB90819BS

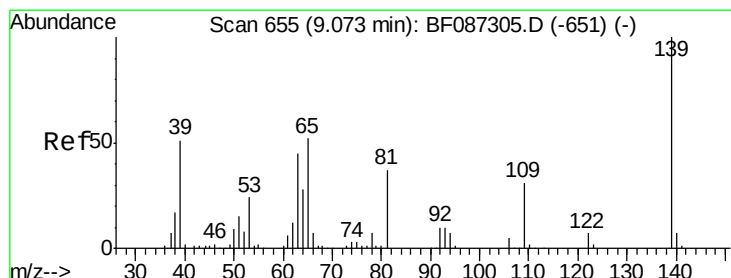
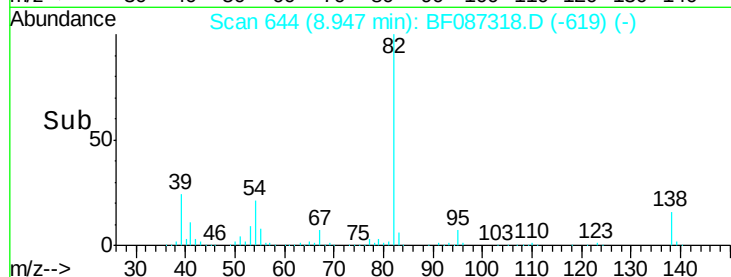
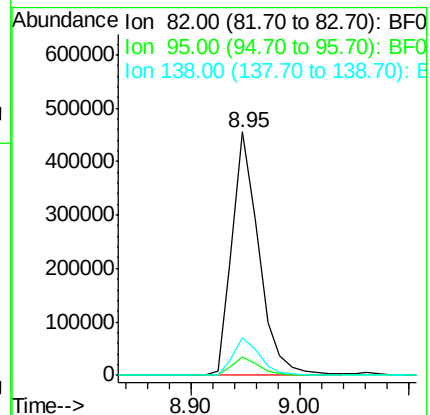
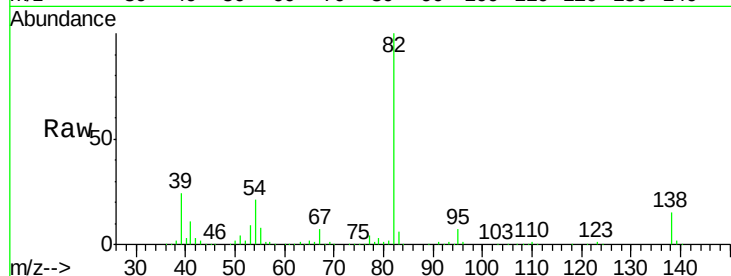
Tgt Ion: 82 Resp: 776154

Ion Ratio Lower Upper

82 100

95 7.4 5.1 7.7

138 15.5 12.4 18.6



#26

2-Nitrophenol

Concen: 41.65 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

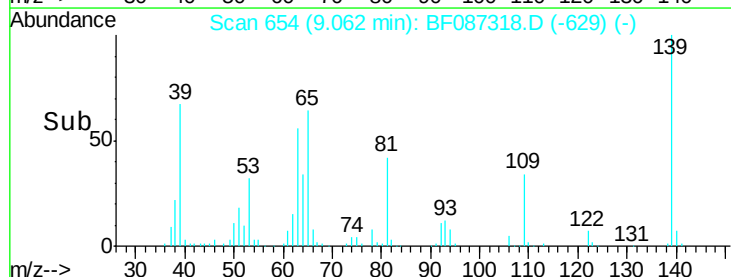
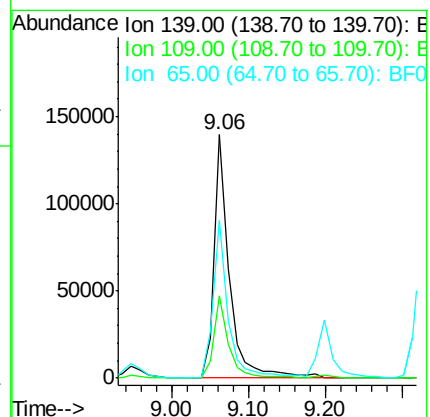
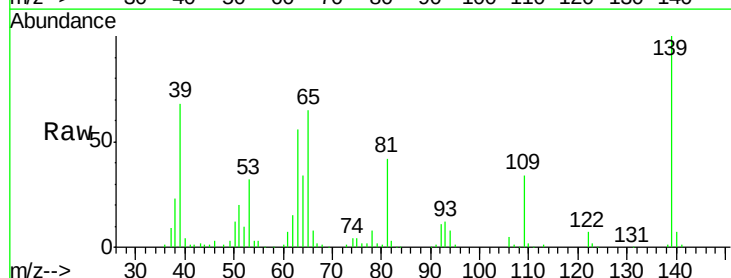
Tgt Ion: 139 Resp: 191845

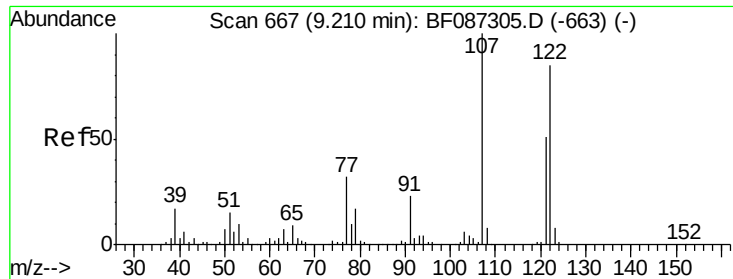
Ion Ratio Lower Upper

139 100

109 33.7 19.5 29.3#

65 64.6 37.5 56.3#

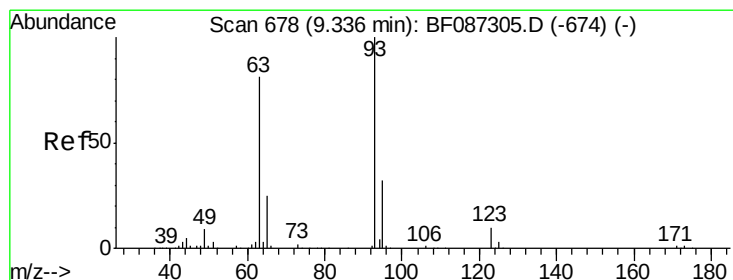
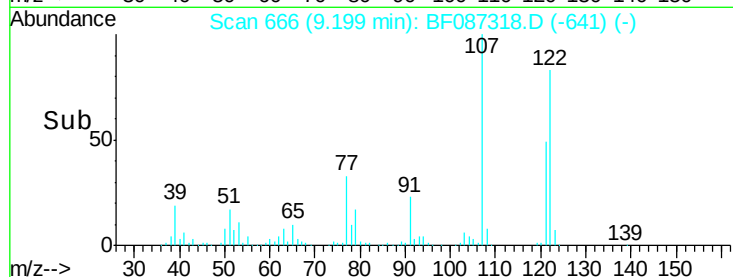
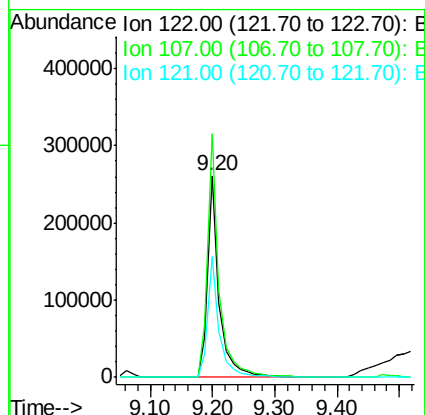
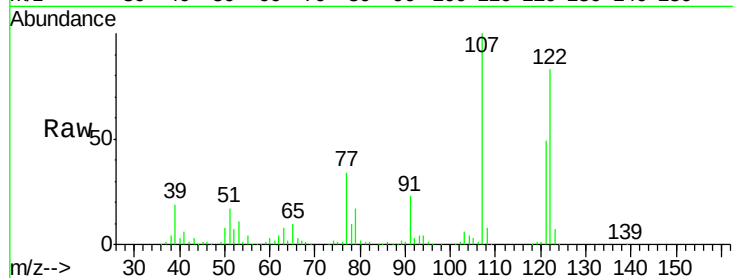




#27
 2,4-Dimethylphenol
 Concen: 42.86 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087318.D
 Acq: 24 May 2016 1:06

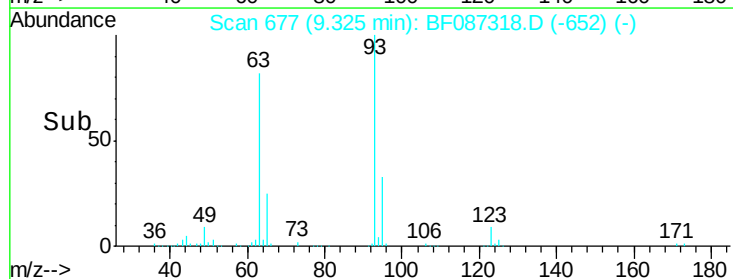
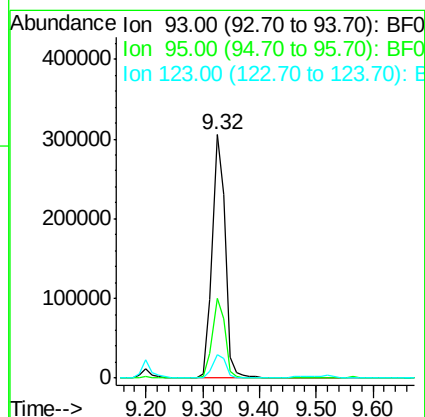
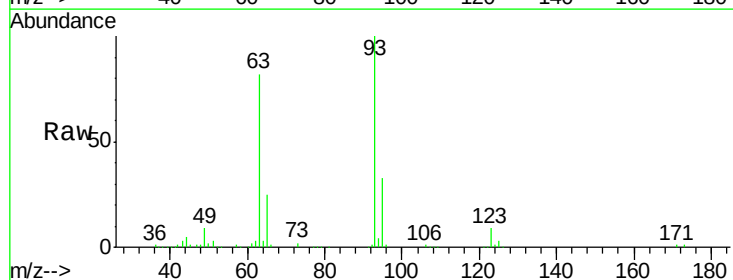
Instrument :
 BNA_F
 ClientSampleId :
 PB90819BS

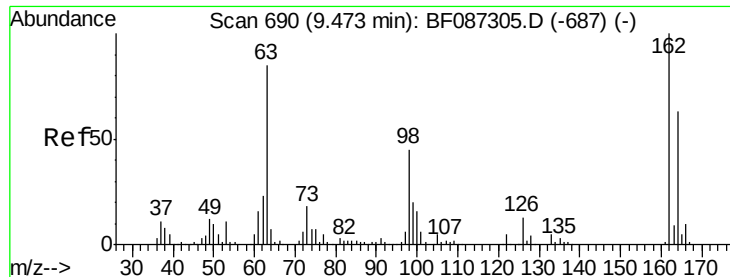
Tgt Ion:122 Resp: 342730
 Ion Ratio Lower Upper
 122 100
 107 120.5 82.0 123.0
 121 59.5 46.1 69.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.80 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF087318.D
 Acq: 24 May 2016 1:06

Tgt Ion: 93 Resp: 472313
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.0 39.0
 123 9.5 9.5 14.3#

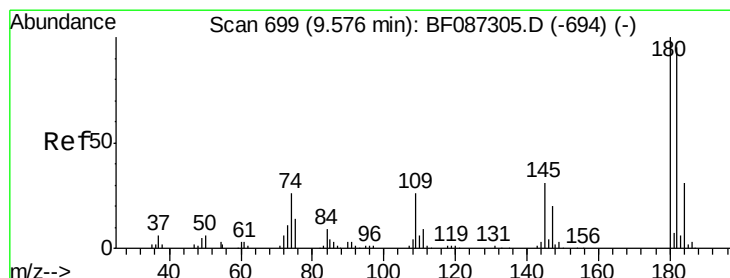
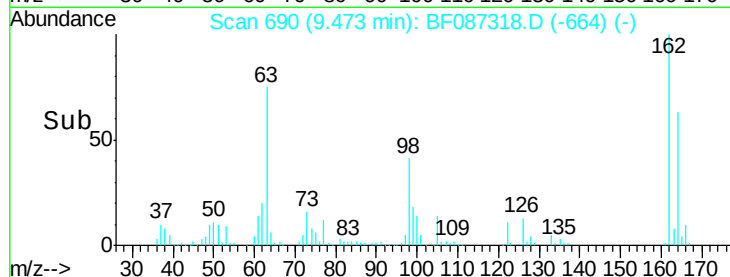
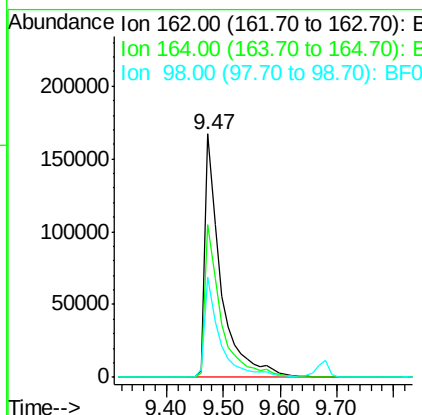
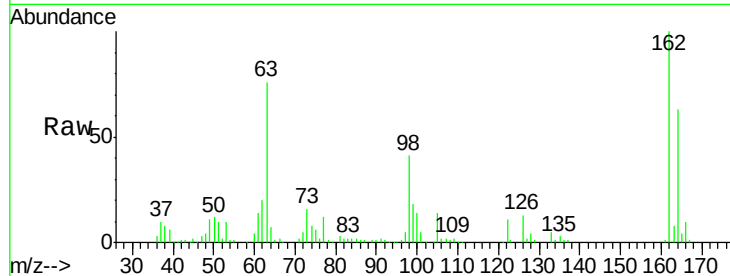




#29
 2,4-Dichlorophenol
 Concen: 43.52 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF087318.D
 Acq: 24 May 2016 1:06

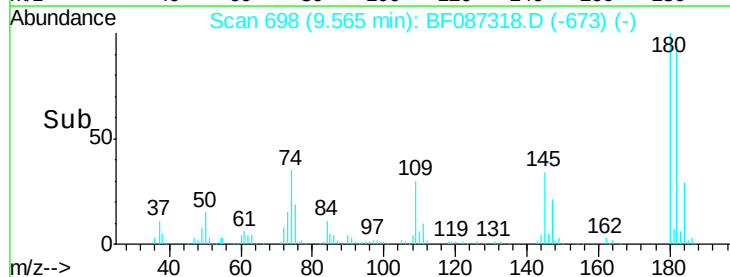
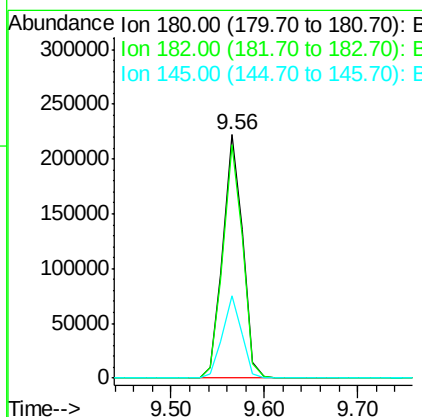
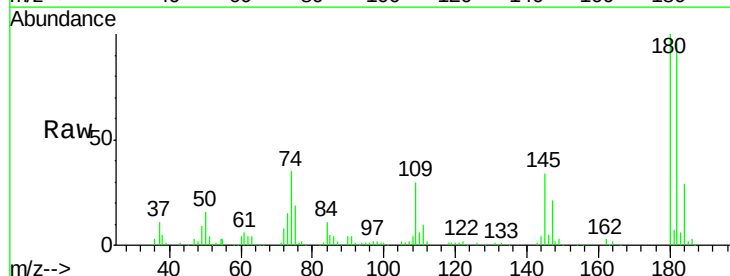
Instrument :
 BNA_F
 ClientSampleId :
 PB90819BS

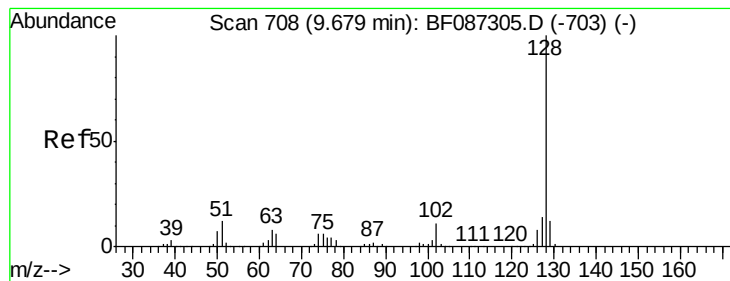
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.2	82.2
98	41.3	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 39.86 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF087318.D
 Acq: 24 May 2016 1:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	78.0	117.0
145	33.7	24.2	36.2





#31

Naphthalene

Concen: 40.48 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

Instrument :

BNA_F

ClientSampleId :

PB90819BS

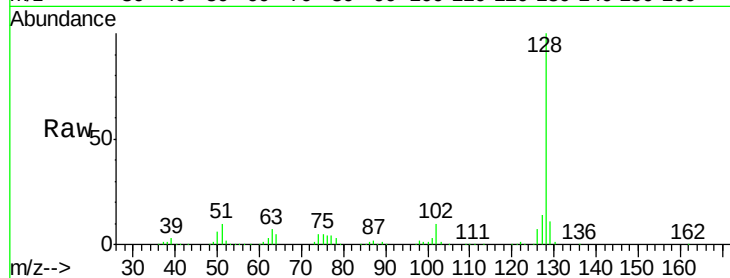
Tgt Ion:128 Resp: 1091342

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

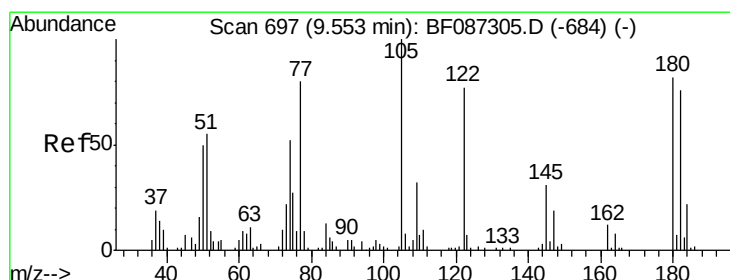
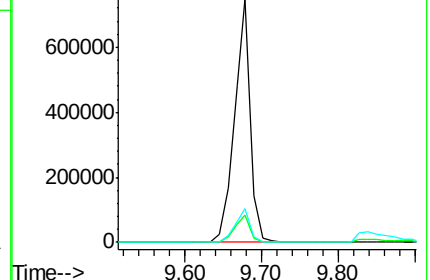
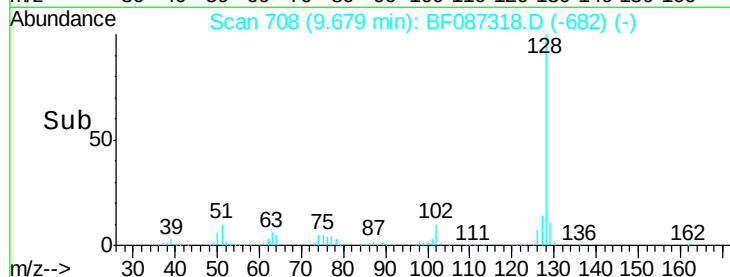
127 13.6 10.8 16.2



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: 39.41 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF087318.D

Acq: 24 May 2016 1:06

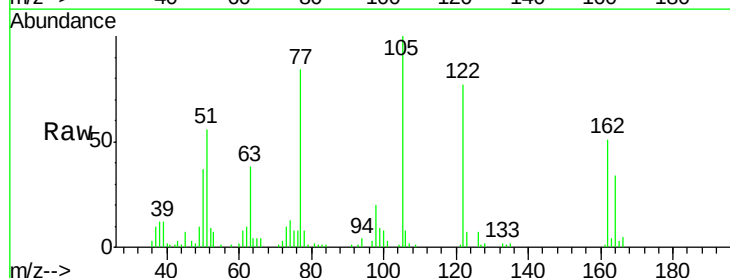
Tgt Ion:122 Resp: 157367

Ion Ratio Lower Upper

122 100

105 129.8 92.6 132.6

77 109.4 60.0 100.0#



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

