

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
 Data File : BF077427.D
 Acq On : 24 Feb 2015 20:43
 Operator : IZ / TP
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Feb 25 03:07:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 25 00:25:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	111102	20.00	ng	0.01
21) Naphthalene-d8	8.89	136	447707	20.00	ng	0.00
38) Acenaphthene-d10	11.06	164	249697	20.00	ng	0.00
63) Phenanthrene-d10	12.91	188	450087	20.00	ng	0.01
75) Chrysene-d12	16.20	240	414702	20.00	ng	-0.02
86) Perylene-d12	17.89	264	414008	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	527327	79.24	ng	0.00
7) Phenol-d6	6.86	99	670942	78.41	ng	0.00
23) Nitrobenzene-d5	8.00	82	601387	83.53	ng	0.00
41) 2,4,6-Tribromophenol	12.04	330	195271	81.22	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	1283370	80.14	ng	0.01
78) Terphenyl-d14	14.90	244	1361045	76.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	108556	38.44	ng	97
3) Pyridine	2.98	79	268910	33.28	ng	97
4) n-Nitrosodimethylamine	2.91	42	144553	41.15	ng	96
6) Aniline	6.90	93	476916	40.33	ng	100
8) 2-Chlorophenol	7.04	128	318277	40.54	ng	99
9) Benzaldehyde	6.75	77	180365	34.72	ng	89
10) Phenol	6.89	94	411469	40.53	ng	# 69
11) bis(2-Chloroethyl)ether	7.00	93	275444	37.76	ng	97
12) 1,3-Dichlorobenzene	7.23	146	345151	40.37	ng	97
13) 1,4-Dichlorobenzene	7.33	146	342885	39.43	ng	97
14) 1,2-Dichlorobenzene	7.52	146	337525	40.80	ng	97
15) Benzyl Alcohol	7.49	79	267050	41.06	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.66	45	381334	36.57	ng	97
17) 2-Methylphenol	7.63	107	247027	40.26	ng	96
18) Hexachloroethane	7.93	117	111543	38.40	ng	# 82
19) n-Nitroso-di-n-propylamine	7.82	70	211353	38.90	ng	99
20) 3+4-Methylphenols	7.82	107	318991	39.47	ng	# 87
22) Acetophenone	7.81	105	416904	39.59	ng	92
24) Nitrobenzene	8.02	77	300630	39.69	ng	# 81
25) Isophorone	8.33	82	576842	40.38	ng	98
26) 2-Nitrophenol	8.42	139	132409	42.65	ng	91
27) 2,4-Dimethylphenol	8.48	122	265553	38.23	ng	96
28) bis(2-Chloroethoxy)methane	8.60	93	356279	39.48	ng	99
29) 2,4-Dichlorophenol	8.72	162	282508	43.33	ng	95
30) 1,2,4-Trichlorobenzene	8.82	180	291929	40.73	ng	100
31) Naphthalene	8.91	128	882603	39.42	ng	100
32) Benzoic acid	8.58	122	172762	51.18	ng	100
33) 4-Chloroaniline	8.99	127	400784	40.26	ng	99
34) Hexachlorobutadiene	9.07	225	160901	39.32	ng	99
35) Caprolactam	9.42	113	89948	45.19	ng	97
36) 4-Chloro-3-methylphenol	9.60	107	277773	42.38	ng	85
37) 2-Methylnaphthalene	9.77	142	625269	39.33	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.97	216	279558	39.02	ng	99
40) Hexachlorocyclopentadiene	9.96	237	120773	31.44	ng	97

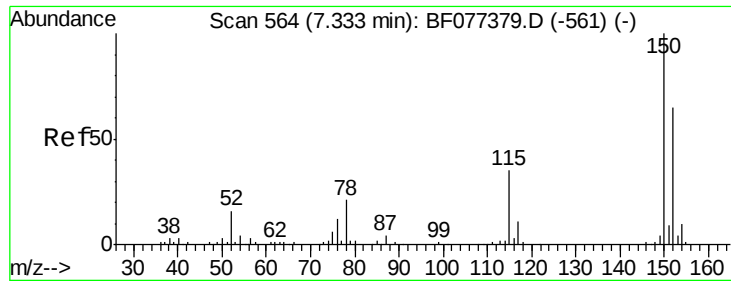
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
 Data File : BF077427.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.12	196	201201	42.41	ng	99
43) 2,4,5-Trichlorophenol	10.17	196	211614	41.71	ng	# 94
45) 1,1'-Biphenyl	10.35	154	721546	38.14	ng	96
46) 2-Chloronaphthalene	10.37	162	578237	38.97	ng	100
47) 2-Nitroaniline	10.50	65	162327	44.45	ng	94
48) Acenaphthylene	10.89	152	937308	39.91	ng	99
49) Dimethylphthalate	10.74	163	668553	38.09	ng	99
50) 2,6-Dinitrotoluene	10.81	165	145123	41.23	ng	# 48
51) Acenaphthene	11.11	154	568800	40.58	ng	100
52) 3-Nitroaniline	11.01	138	178615	44.01	ng	99
53) 2,4-Dinitrophenol	11.14	184	17440	16.28	ng	# 60
54) Dibenzofuran	11.32	168	894926	41.35	ng	98
55) 4-Nitrophenol	11.22	139	130234	39.90	ng	# 57
56) 2,4-Dinitrotoluene	11.31	165	209872	44.13	ng	97
57) Fluorene	11.75	166	684566	39.57	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.47	232	171096	41.95	ng	98
59) Diethylphthalate	11.62	149	661457	38.23	ng	97
60) 4-Chlorophenyl-phenylether	11.76	204	309864	37.17	ng	92
61) 4-Nitroaniline	11.77	138	175011	44.99	ng	99
62) Azobenzene	11.95	77	637809	38.85	ng	93
64) 4,6-Dinitro-2-methylphenol	11.80	198	28192	18.20	ng	# 30
65) n-Nitrosodiphenylamine	11.89	169	572755	38.35	ng	99
66) 4-Bromophenyl-phenylether	12.36	248	205494	38.99	ng	# 90
67) Hexachlorobenzene	12.42	284	218166	38.57	ng	# 91
68) Atrazine	12.57	200	143243	29.50	ng	98
69) Pentachlorophenol	12.67	266	131625	44.27	ng	99
70) Phenanthrene	12.93	178	983571	37.70	ng	99
71) Anthracene	13.00	178	1024499	39.57	ng	99
72) Carbazole	13.21	167	1010000	41.03	ng	100
73) Di-n-butylphthalate	13.65	149	1053593	36.45	ng	99
74) Fluoranthene	14.42	202	1095242	38.43	ng	97
76) Benzidine	14.59	184	417921	29.83	ng	98
77) Pyrene	14.69	202	1063762	41.93	ng	99
79) Butylbenzylphthalate	15.52	149	434552	41.64	ng	89
80) Benzo(a)anthracene	16.18	228	998512	41.08	ng	99
81) 3,3'-Dichlorobenzidine	16.16	252	363167	40.78	ng	# 97
82) Chrysene	16.23	228	882403	38.66	ng	99
83) Bis(2-ethylhexyl)phthalate	16.24	149	560847	33.51	ng	100
87) Benzo(b)fluoranthene	17.45	252	1040660	43.23	ng	# 89
88) Benzo(k)fluoranthene	17.45	252	1040307	44.09	ng	# 93
89) Benzo(a)pyrene	17.83	252	947324	41.32	ng	# 92
90) Dibenzo(a,h)anthracene	19.40	278	966455	44.20	ng	98
91) Benzo(g,h,i)perylene	19.81	276	1003065	45.45	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.31 min Scan# 562

Delta R.T. 0.01 min

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BNA_F

ClientSampleId :

SSTDCCC040EC

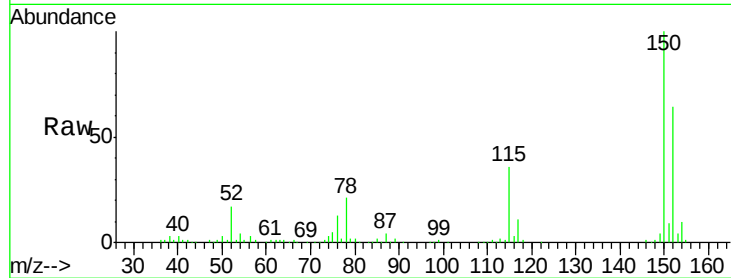
Tgt Ion:152 Resp: 111102

Ion Ratio Lower Upper

152 100

150 155.1 124.0 186.0

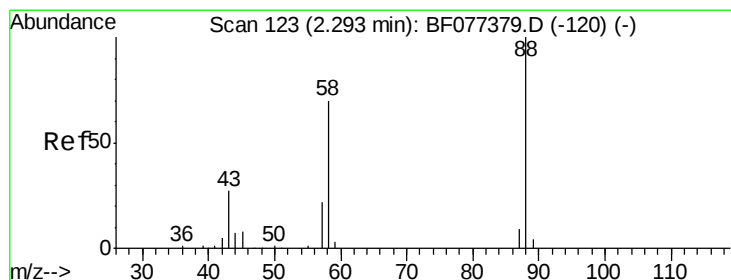
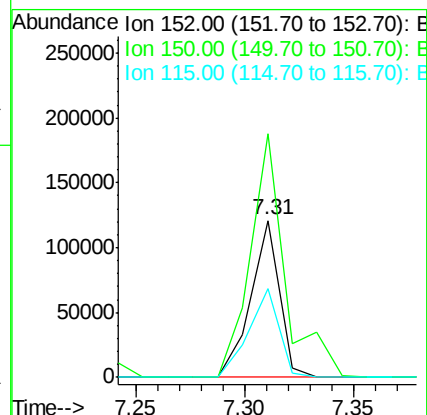
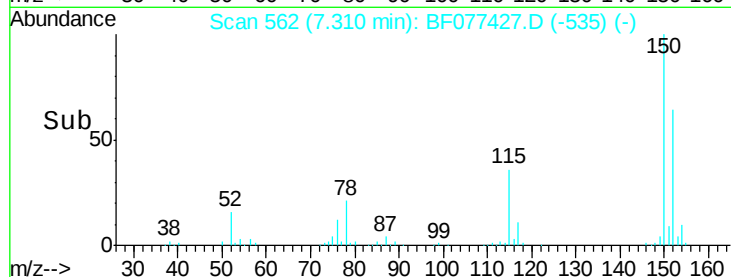
115 56.1 49.4 74.2



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: 38.44 ng

RT: 2.25 min Scan# 119

Delta R.T. 0.01 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

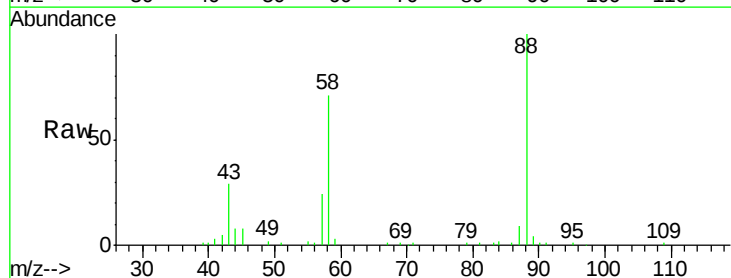
Tgt Ion: 88 Resp: 108556

Ion Ratio Lower Upper

88 100

58 73.9 62.1 93.1

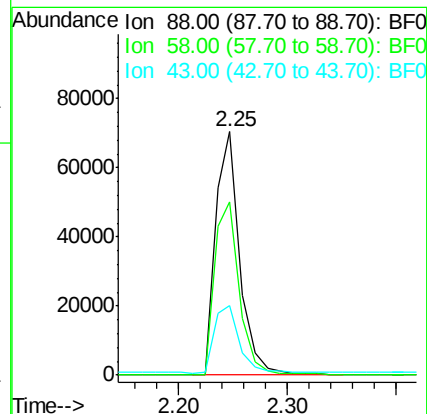
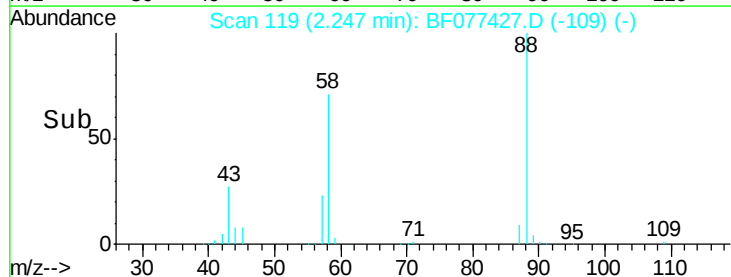
43 29.7 24.0 36.0

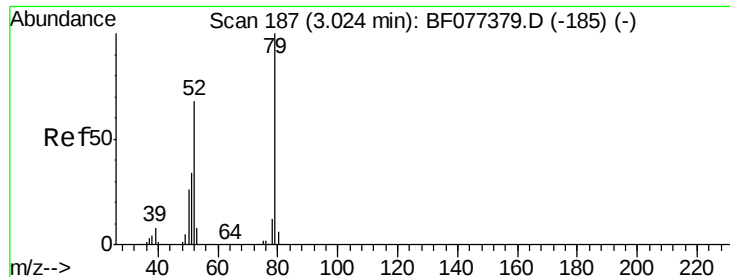


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.28 ng

RT: 2.98 min Scan# 183

Delta R.T. 0.01 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

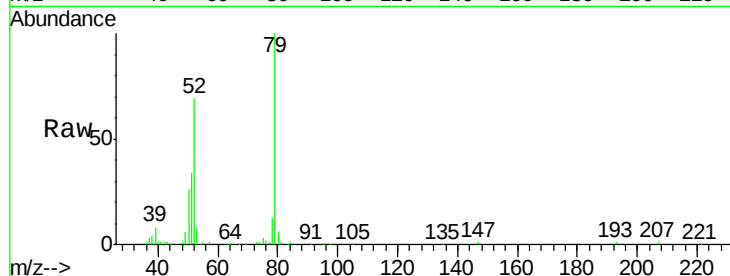
Tgt Ion: 79 Resp: 268910

Ion Ratio Lower Upper

79 100

52 69.1 57.7 86.5

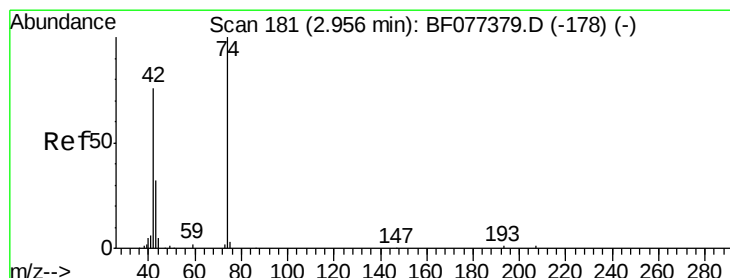
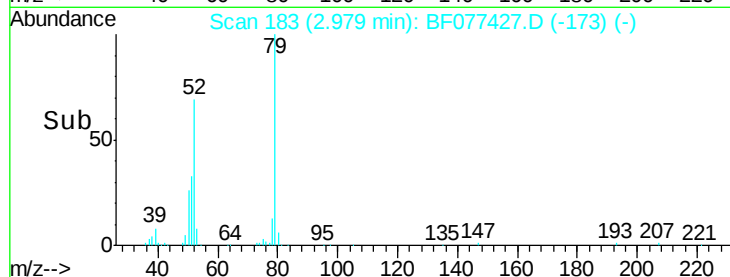
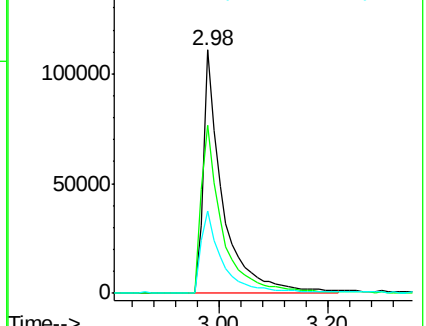
51 33.9 28.5 42.7



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.15 ng

RT: 2.91 min Scan# 177

Delta R.T. 0.01 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

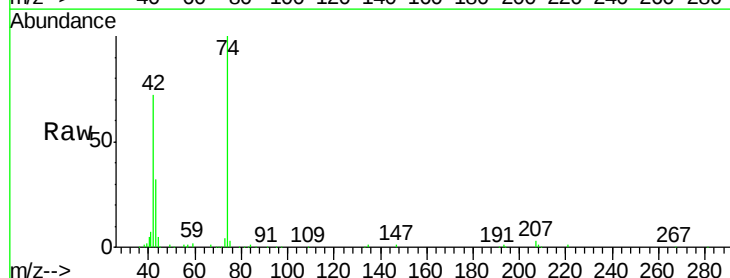
Tgt Ion: 42 Resp: 144553

Ion Ratio Lower Upper

42 100

74 138.4 107.1 160.7

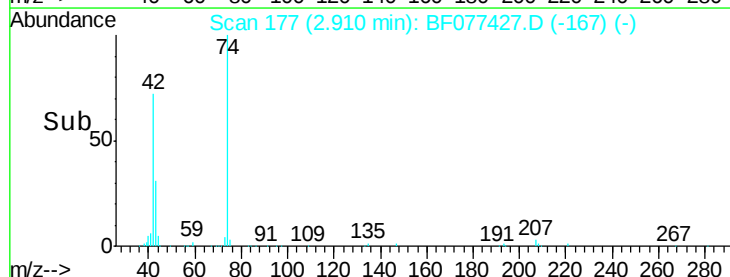
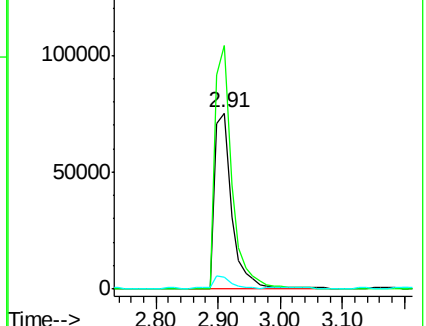
44 6.9 6.7 10.1

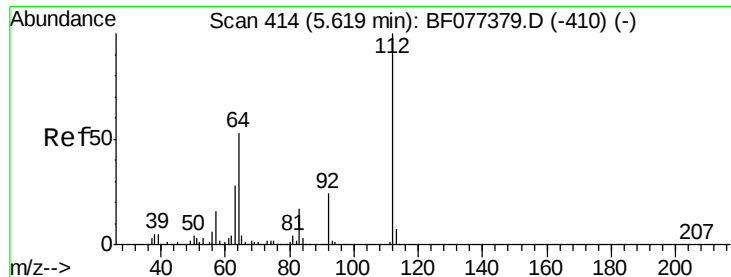


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.24 ng

RT: 5.60 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

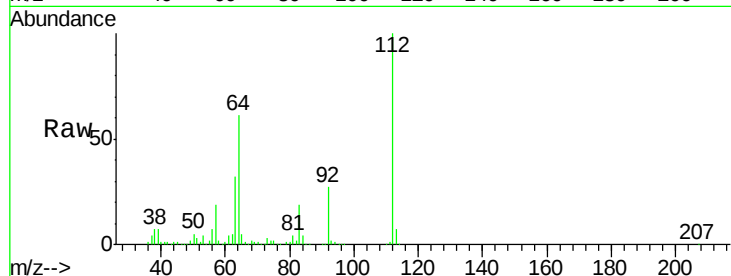
Tgt Ion: 112 Resp: 527327

Ion Ratio Lower Upper

112 100

64 61.1 48.5 72.7

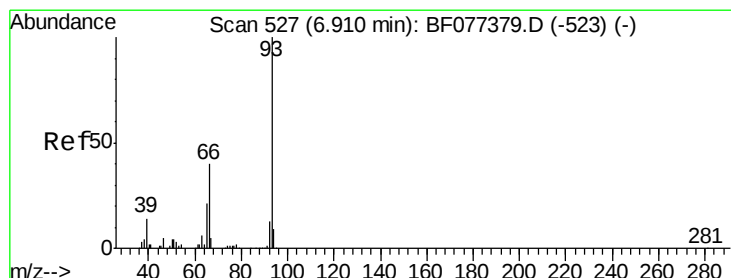
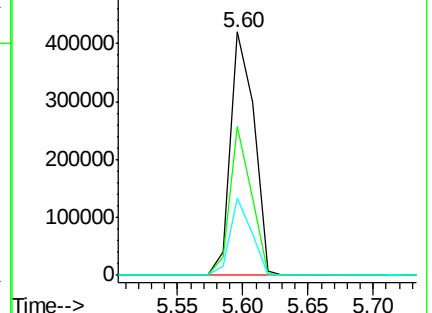
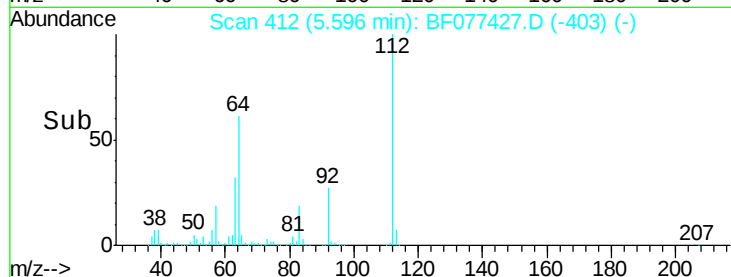
63 31.7 25.0 37.4



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: 40.33 ng

RT: 6.90 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

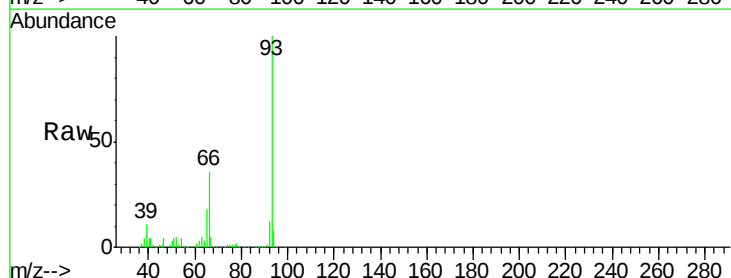
Tgt Ion: 93 Resp: 476916

Ion Ratio Lower Upper

93 100

66 36.4 29.1 43.7

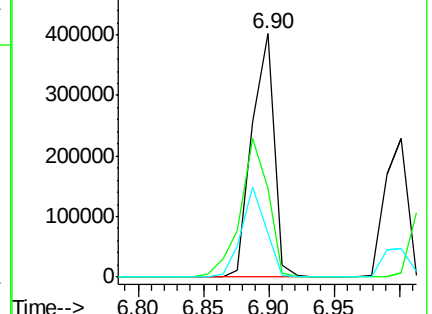
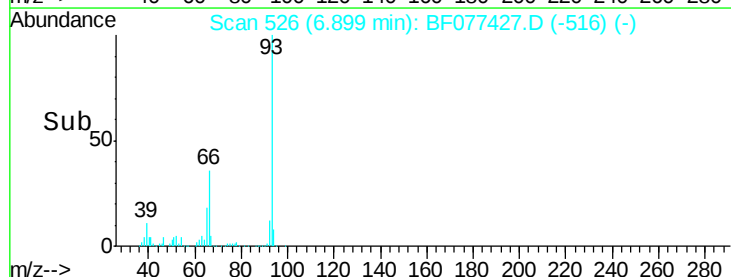
65 18.1 14.6 22.0

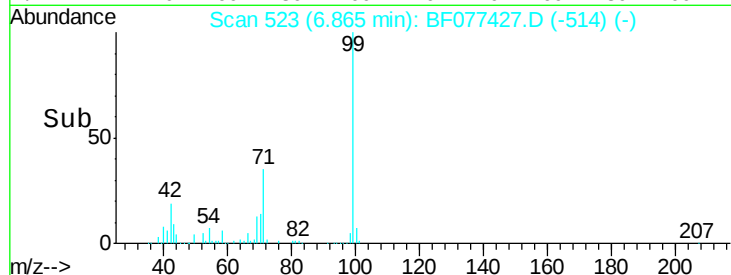
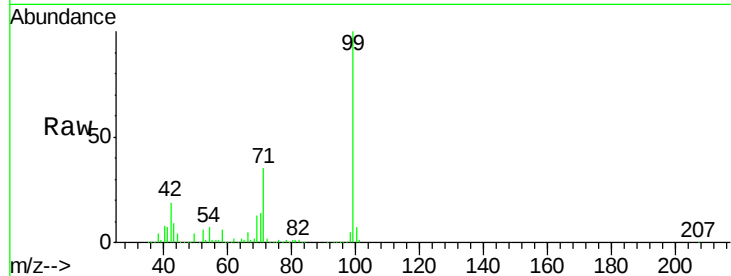
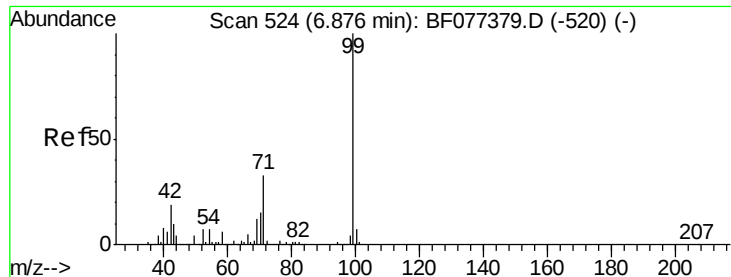


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.41 ng

RT: 6.86 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF077427.D

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SSTDCCC040EC

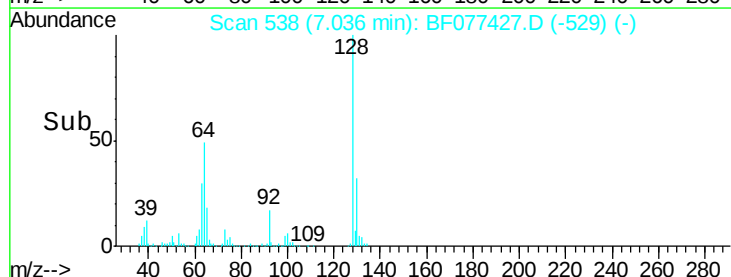
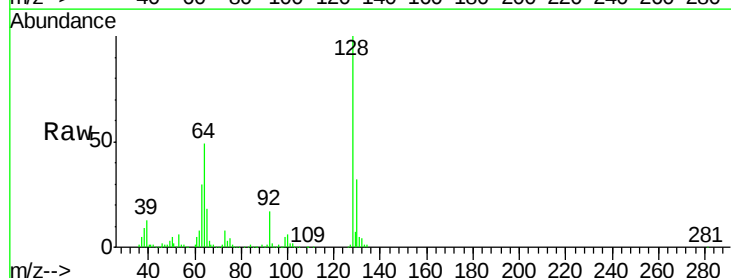
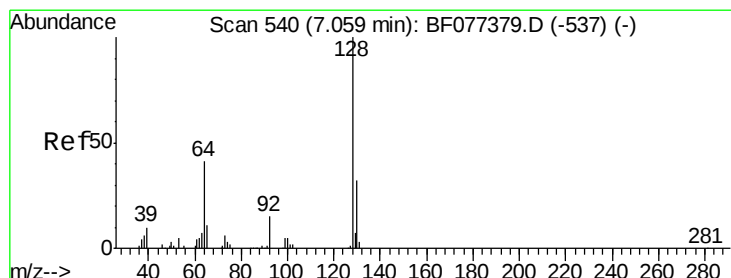
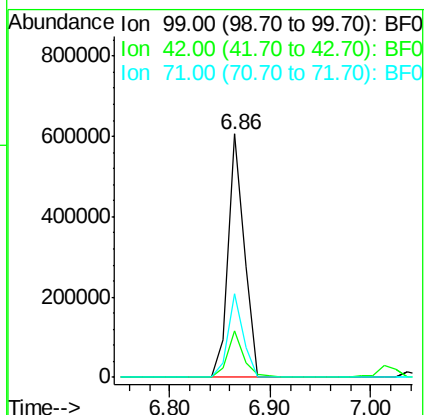
Tgt Ion: 99 Resp: 670942

Ion Ratio Lower Upper

99 100

42 19.3 16.2 24.4

71 34.6 26.7 40.1



#8

2-Chlorophenol

Concen: 40.54 ng

RT: 7.04 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

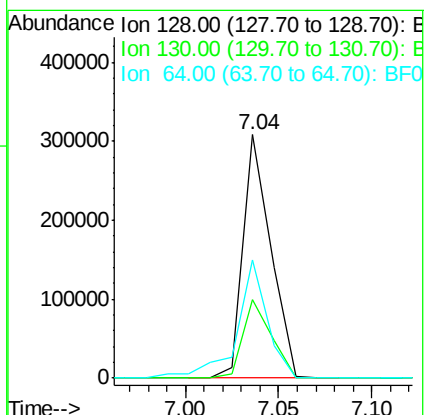
Tgt Ion: 128 Resp: 318277

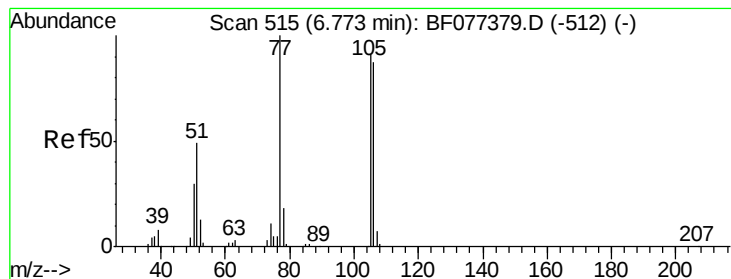
Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

64 48.5 29.2 69.2





#9

Benzaldehyde

Concen: 34.72 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

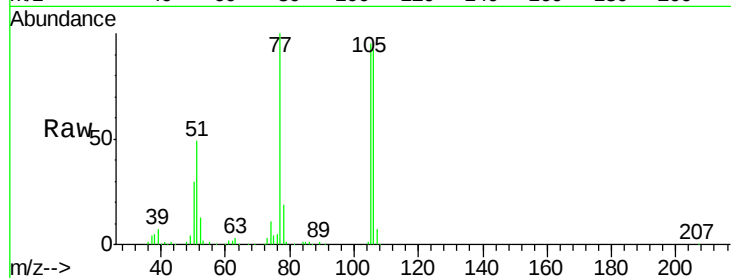
Tgt Ion: 77 Resp: 180365

Ion Ratio Lower Upper

77 100

105 95.4 85.9 125.9

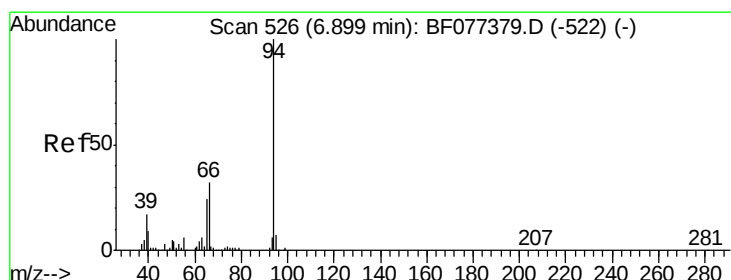
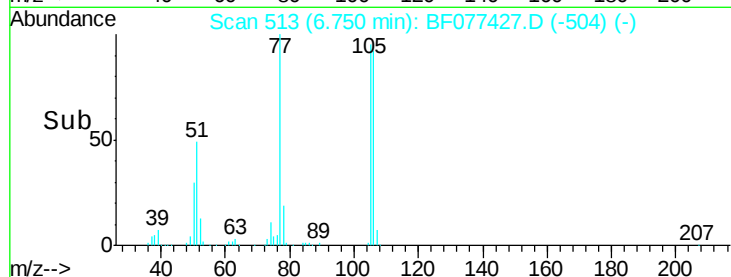
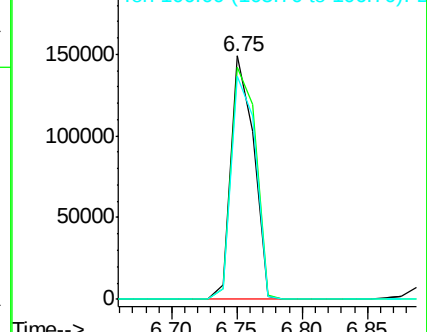
106 91.6 82.9 122.9



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: 40.53 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.01 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

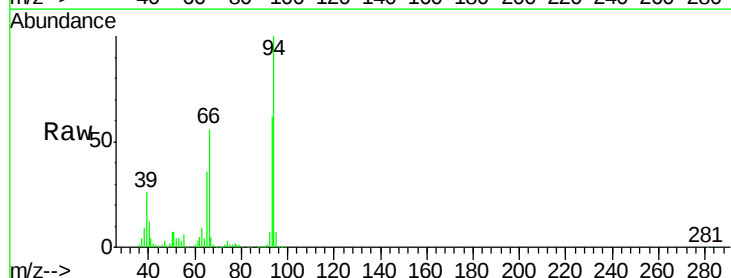
Tgt Ion: 94 Resp: 411469

Ion Ratio Lower Upper

94 100

65 35.8 5.7 45.7

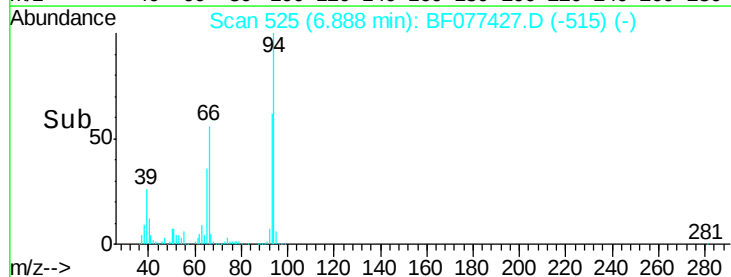
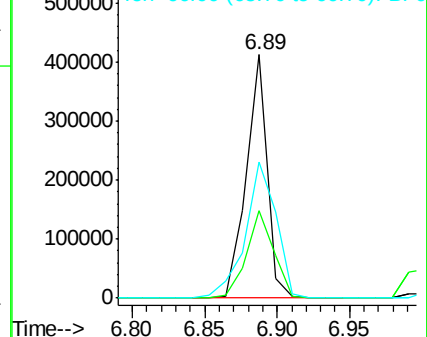
66 55.7 13.6 53.6#



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

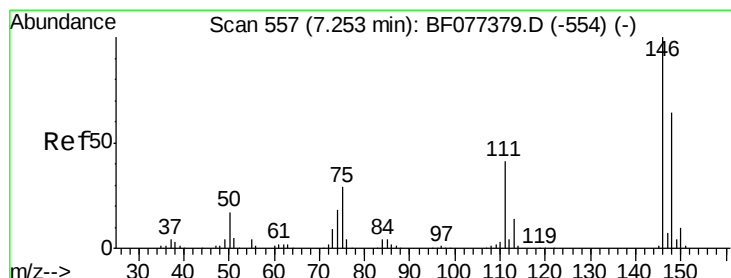
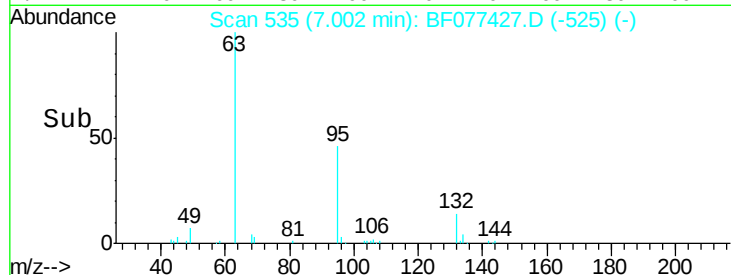
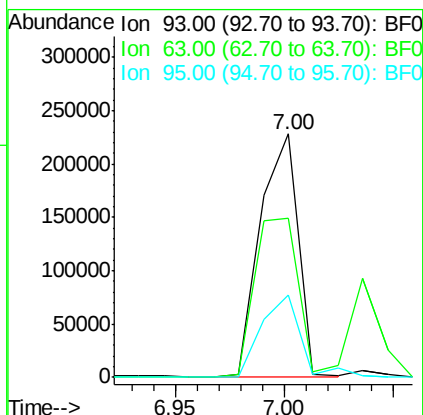
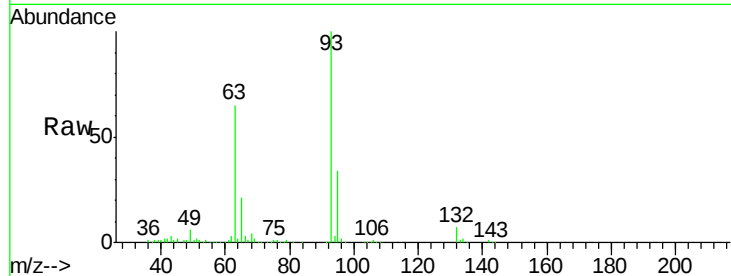




#11
bis(2-Chloroethyl)ether
Concen: 37.76 ng
RT: 7.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: BF077427.D
Acq: 24 Feb 2015 20:43

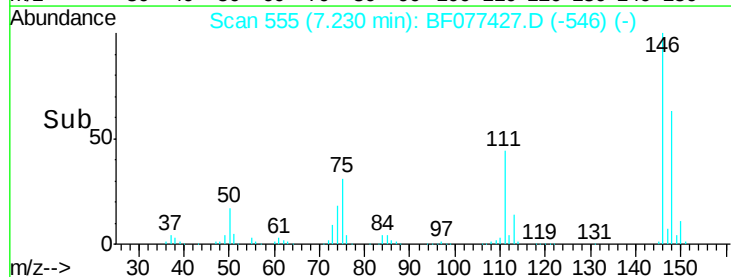
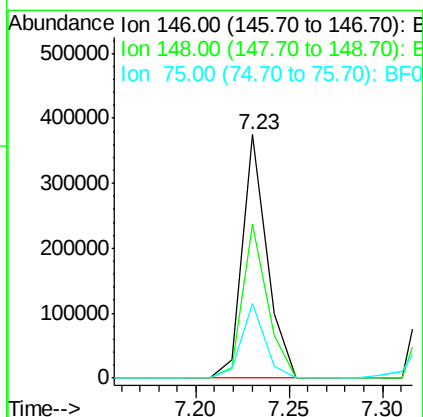
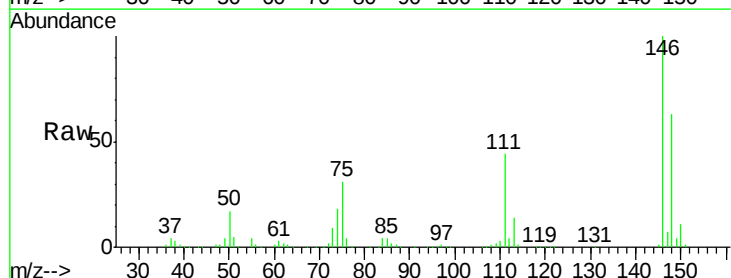
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

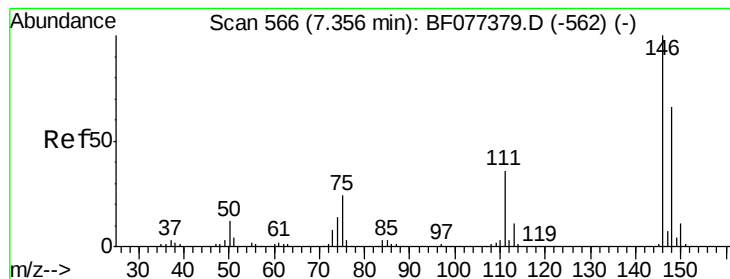
Tgt Ion: 93 Resp: 275444
Ion Ratio Lower Upper
93 100
63 65.1 48.7 88.7
95 33.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 40.37 ng
RT: 7.23 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF077427.D
Acq: 24 Feb 2015 20:43

Tgt Ion: 146 Resp: 345151
Ion Ratio Lower Upper
146 100
148 63.1 49.8 74.8
75 30.9 28.2 42.4

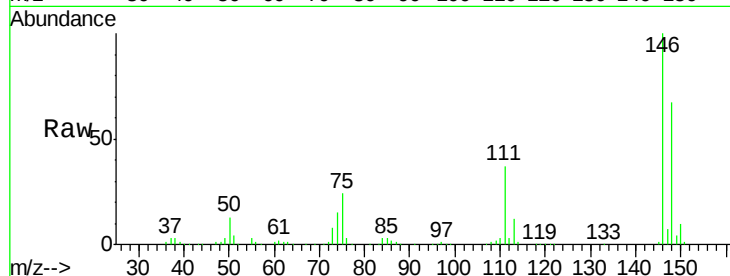




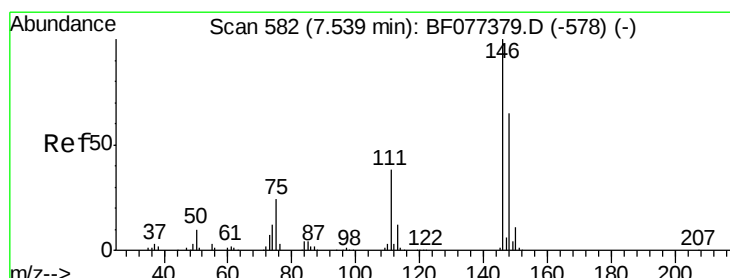
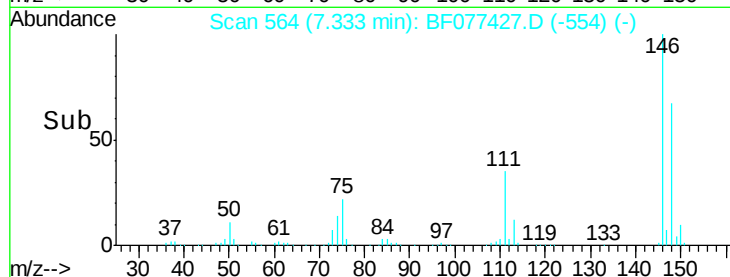
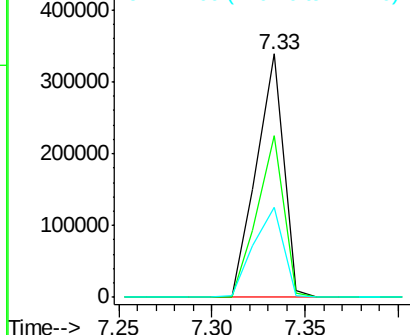
#13
 1,4-Dichlorobenzene
 Concen: 39.43 ng
 RT: 7.33 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: BF077427.D
 Acq: 24 Feb 2015 20:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:146 Resp: 342885
 Ion Ratio Lower Upper
 146 100
 148 66.6 52.0 78.0
 111 37.0 31.9 47.9

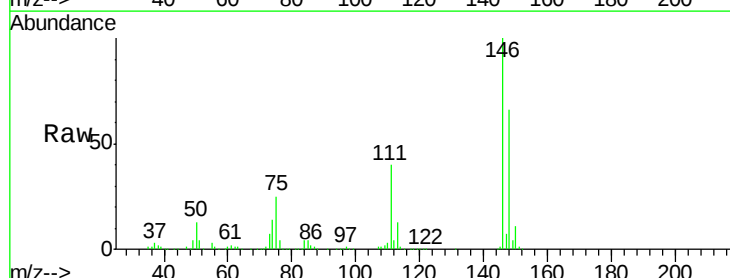


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

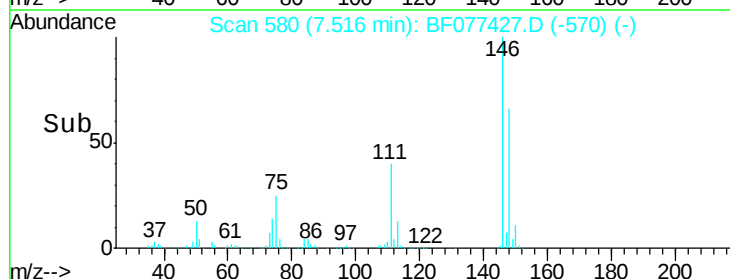
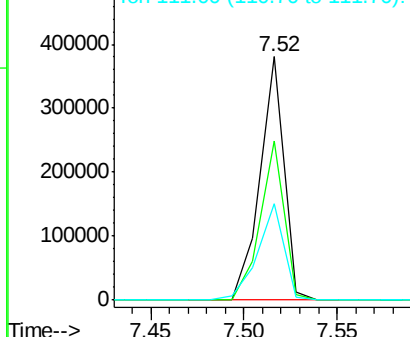


#14
 1,2-Dichlorobenzene
 Concen: 40.80 ng
 RT: 7.52 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF077427.D
 Acq: 24 Feb 2015 20:43

Tgt Ion:146 Resp: 337525
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.6 77.4
 111 39.8 34.2 51.2



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: 41.06 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

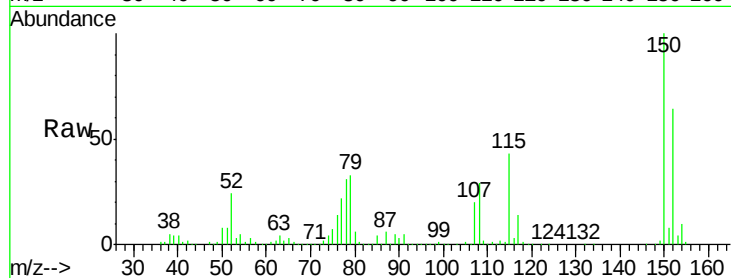
Tgt Ion: 79 Resp: 267050

Ion Ratio Lower Upper

79 100

108 86.4 58.3 87.5

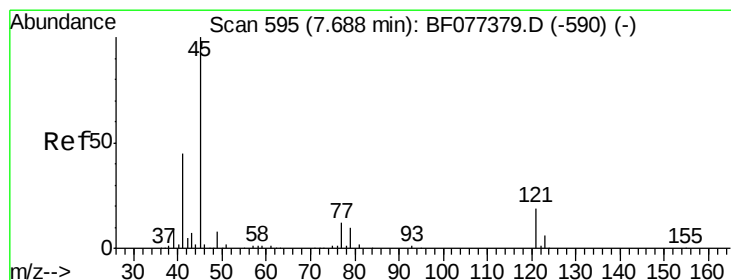
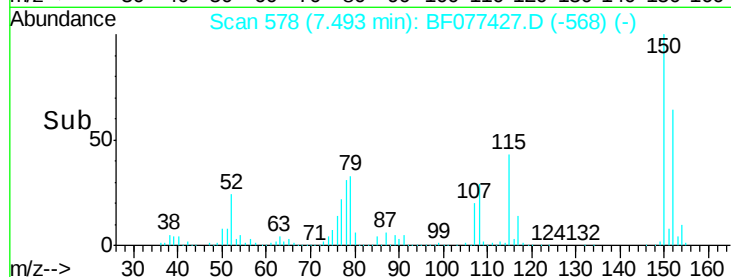
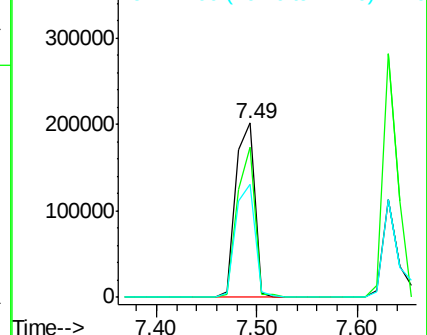
77 65.0 51.3 76.9



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: 36.57 ng

RT: 7.66 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

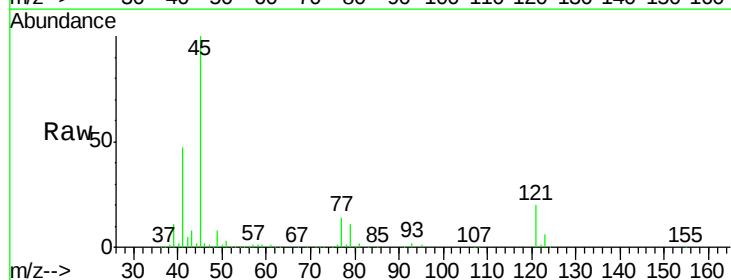
Tgt Ion: 45 Resp: 381334

Ion Ratio Lower Upper

45 100

77 13.5 0.0 34.6

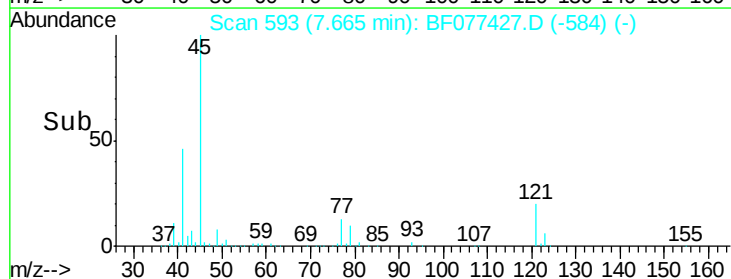
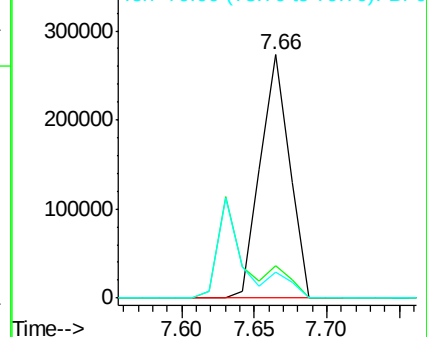
79 10.5 0.0 31.5

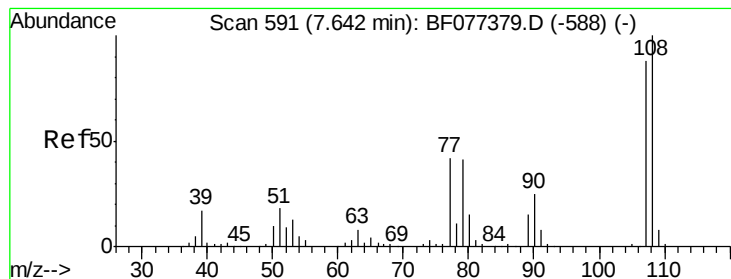


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.26 ng

RT: 7.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 247027

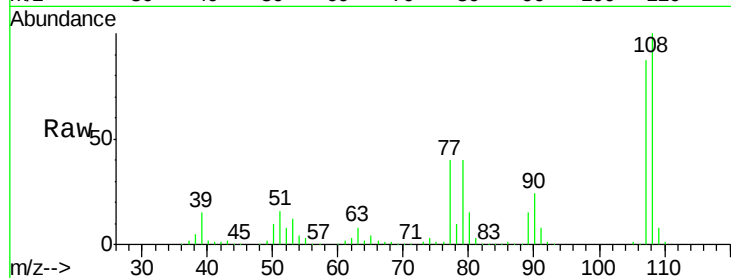
Ion Ratio Lower Upper

107 100

108 115.1 91.2 136.8

77 46.4 33.6 50.4

79 46.2 32.1 48.1

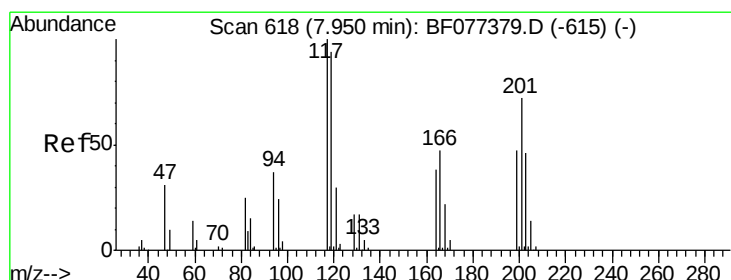
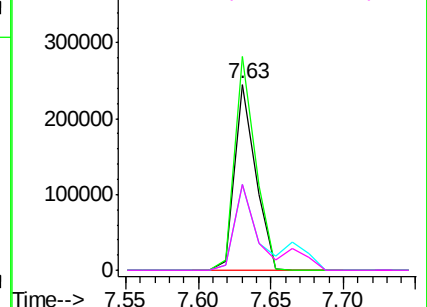
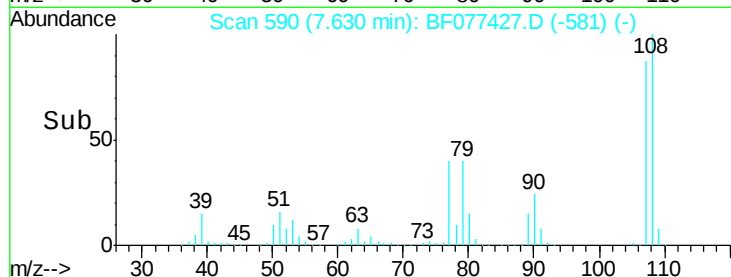


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 38.40 ng

RT: 7.93 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

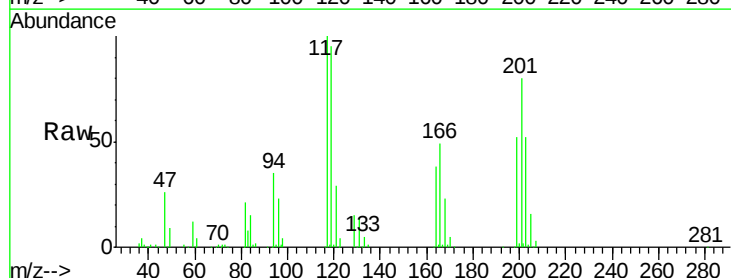
Tgt Ion:117 Resp: 111543

Ion Ratio Lower Upper

117 100

119 95.1 77.8 116.8

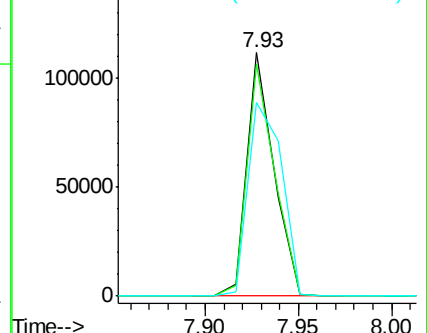
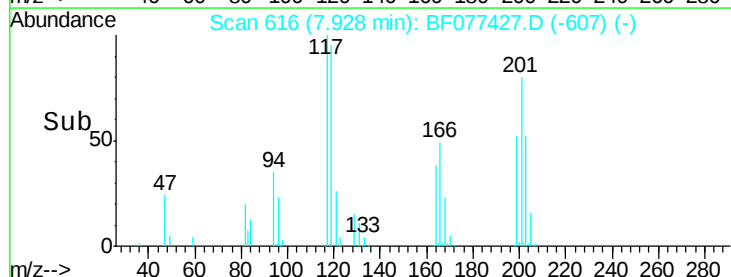
201 79.8 90.6 136.0#

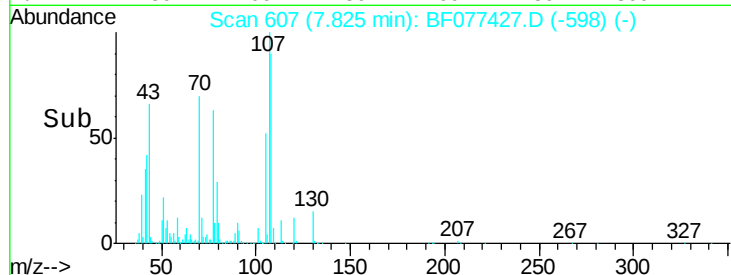
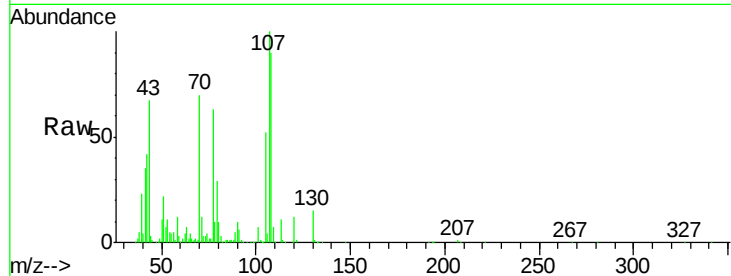
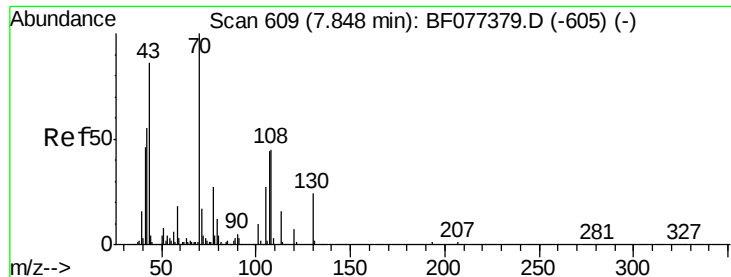


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

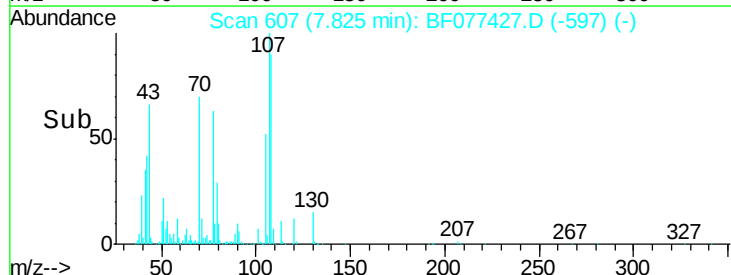
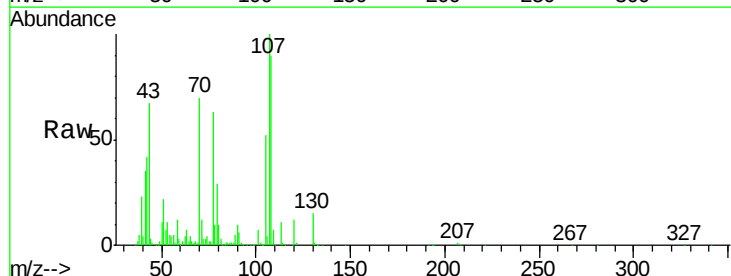
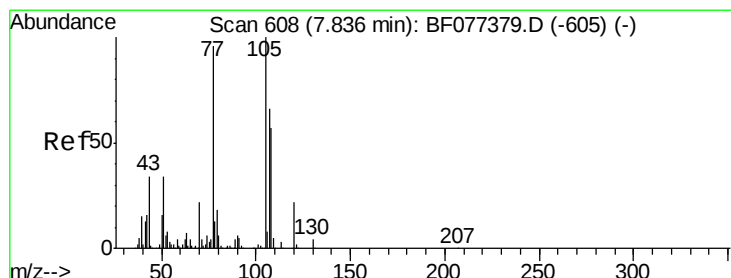
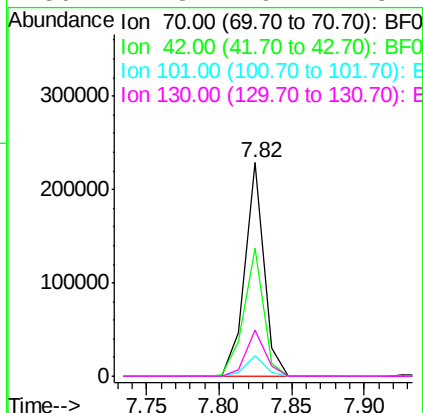




#19
n-Nitroso-di-n-propylamine
Concen: 38.90 ng
RT: 7.82 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF077427.D
Acq: 24 Feb 2015 20:43

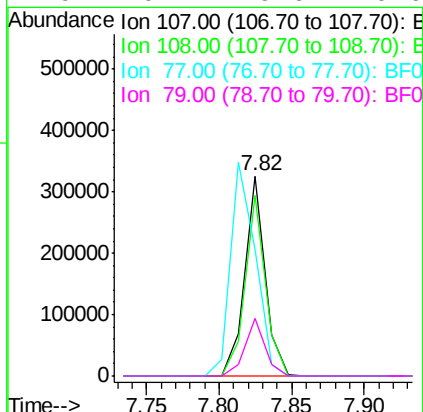
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

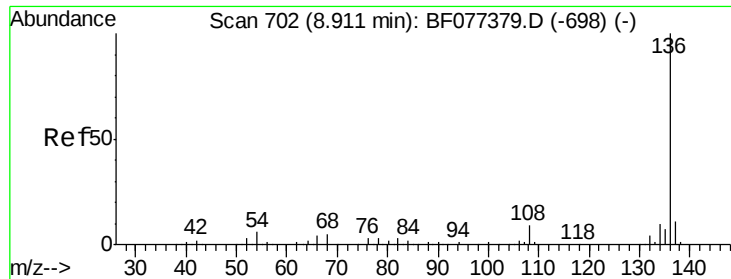
Tgt Ion:	70	Resp:	211353
Ion	Ratio	Lower	Upper
70	100		
42	60.0	48.3	72.5
101	9.5	7.5	11.3
130	21.3	16.7	25.1



#20
3+4-Methylphenols
Concen: 39.47 ng
RT: 7.82 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF077427.D
Acq: 24 Feb 2015 20:43

Tgt Ion:	107	Resp:	318991
Ion	Ratio	Lower	Upper
107	100		
108	90.4	76.8	116.8
77	63.4	65.8	105.8#
79	29.1	9.6	49.6

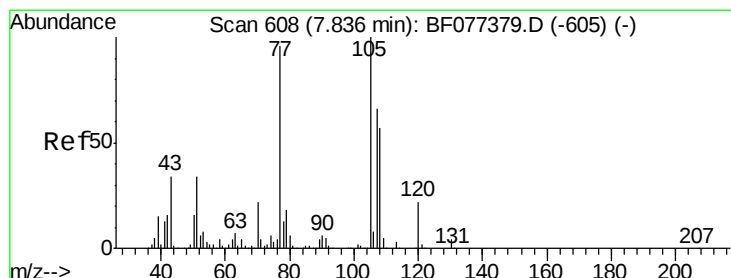
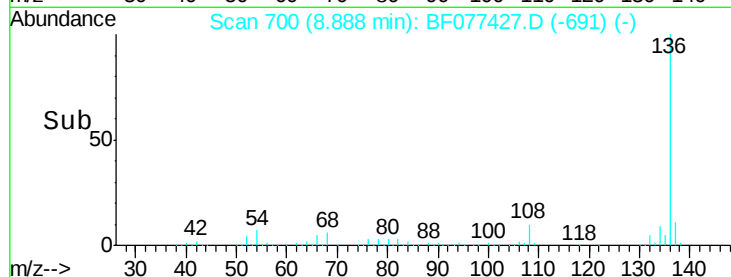
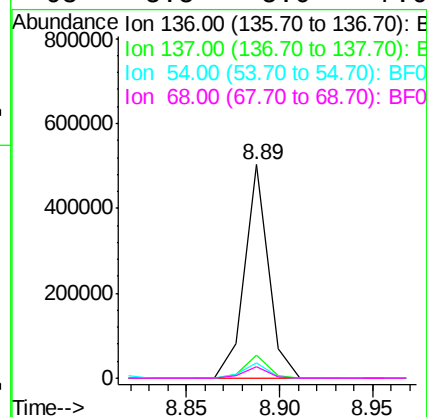
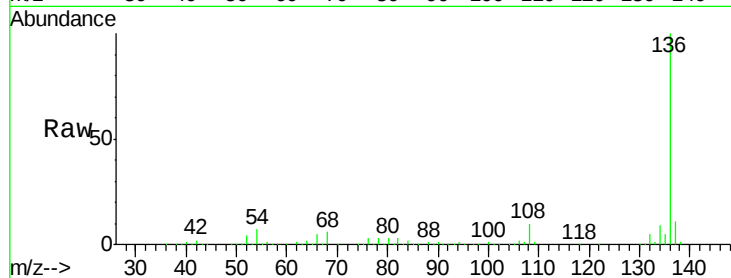




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.89 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF077427.D
Acq: 24 Feb 2015 20:43

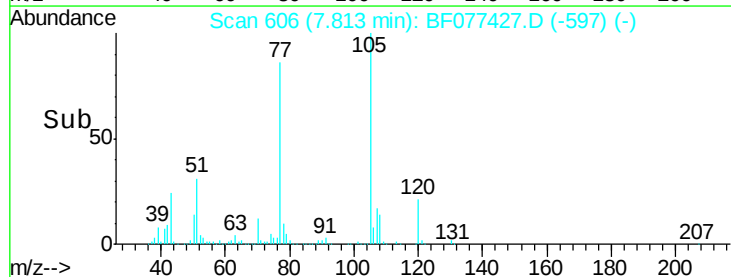
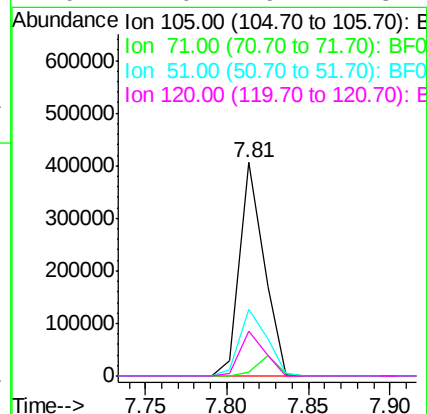
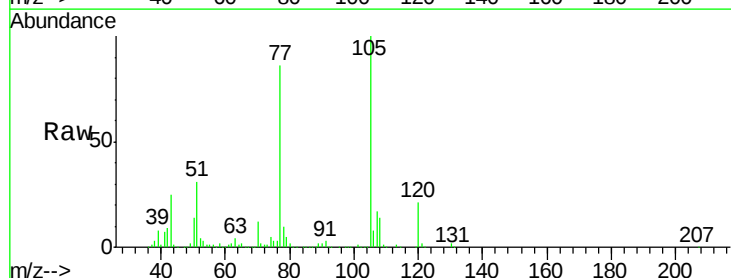
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

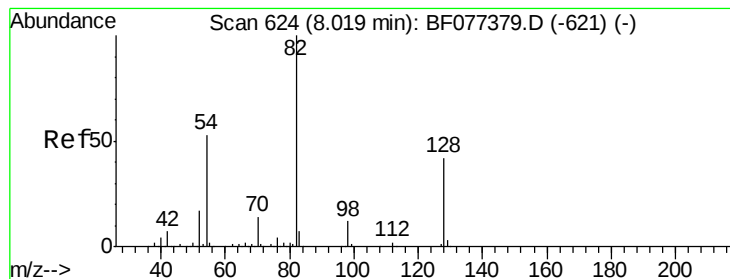
Tgt Ion:	136	Resp:	447707
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.9	6.2	9.4
68	5.5	5.0	7.6



#22
Acetophenone
Concen: 39.59 ng
RT: 7.81 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF077427.D
Acq: 24 Feb 2015 20:43

Tgt Ion:	105	Resp:	416904
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.7	2.5
51	31.2	30.7	46.1
120	21.0	16.7	25.1





#23

Nitrobenzene-d5

Concen: 83.53 ng

RT: 8.00 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

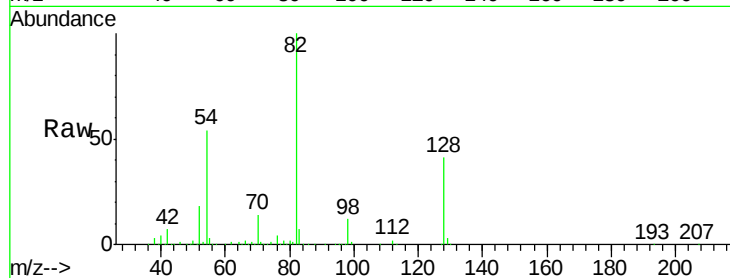
Tgt Ion: 82 Resp: 601387

Ion Ratio Lower Upper

82 100

128 41.1 43.8 65.8#

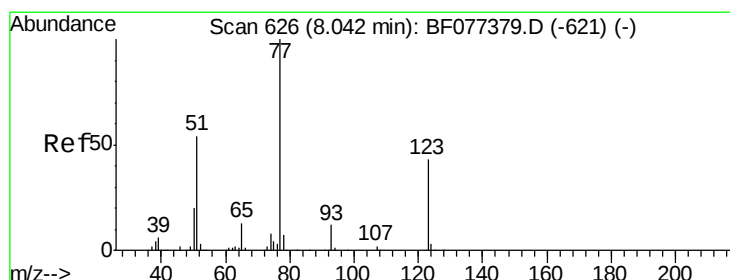
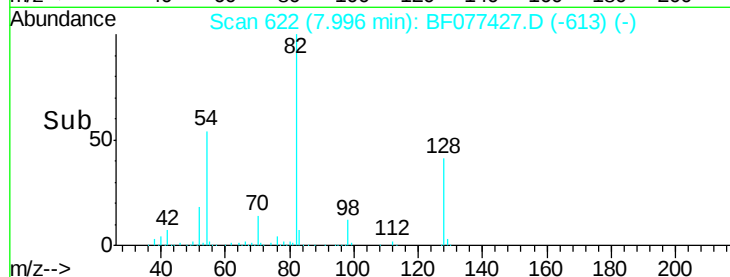
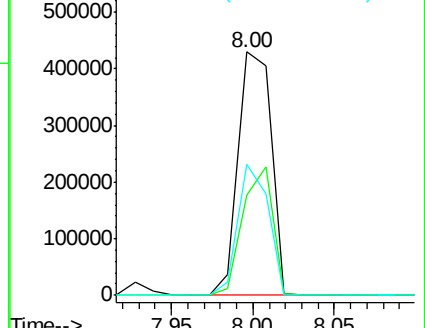
54 53.6 36.7 55.1



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: 39.69 ng

RT: 8.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

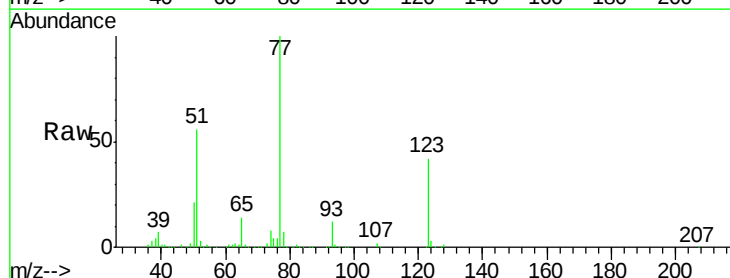
Tgt Ion: 77 Resp: 300630

Ion Ratio Lower Upper

77 100

123 41.7 45.9 68.9#

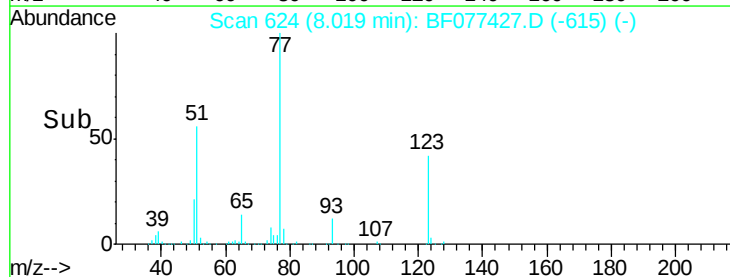
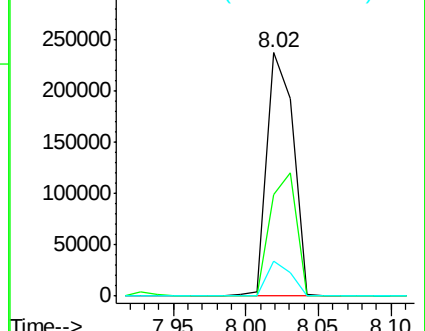
65 14.1 9.5 14.3

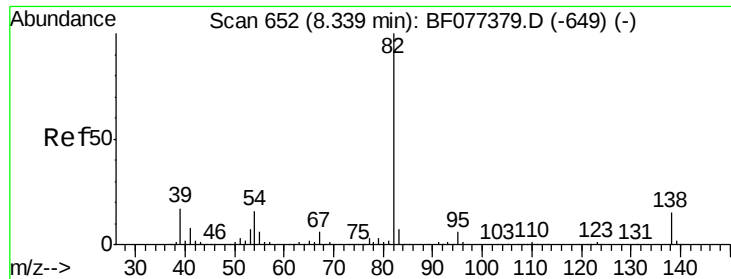


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.38 ng

RT: 8.33 min Scan# 651

Delta R.T. 0.01 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

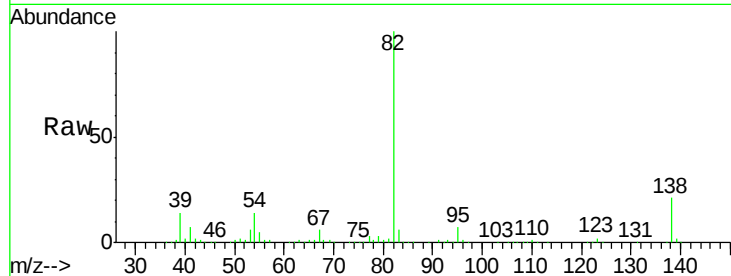
Tgt Ion: 82 Resp: 576842

Ion Ratio Lower Upper

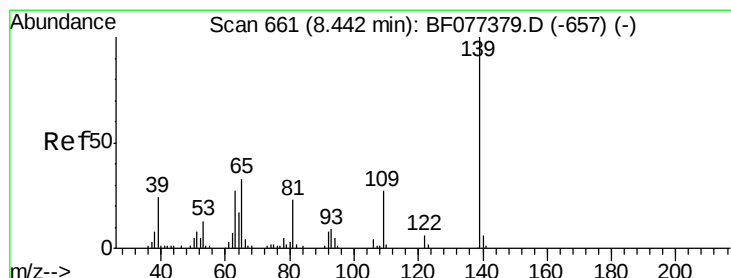
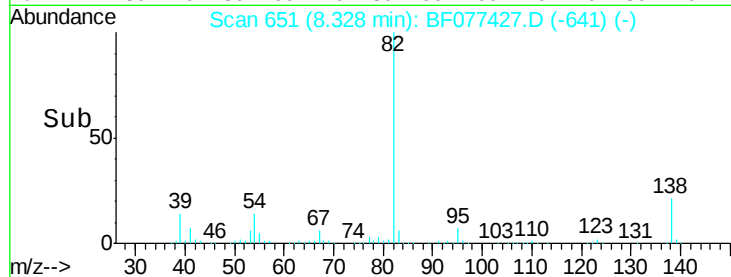
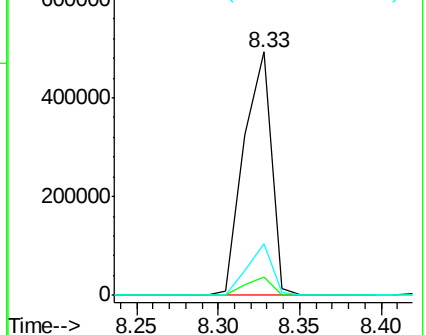
82 100

95 7.3 5.4 8.2

138 21.1 16.3 24.5



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: 42.65 ng

RT: 8.42 min Scan# 659

Delta R.T. 0.01 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

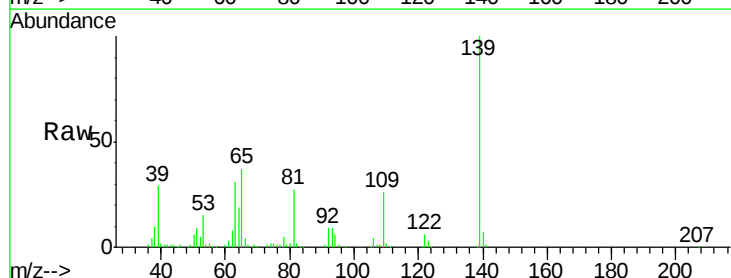
Tgt Ion: 139 Resp: 132409

Ion Ratio Lower Upper

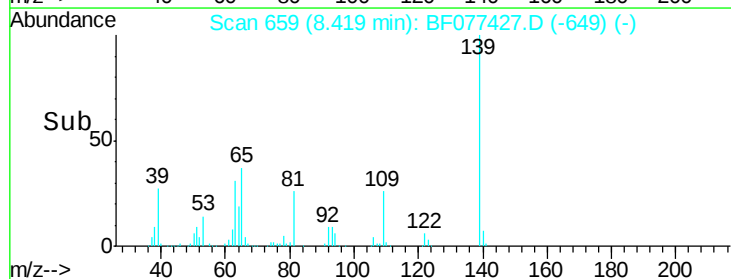
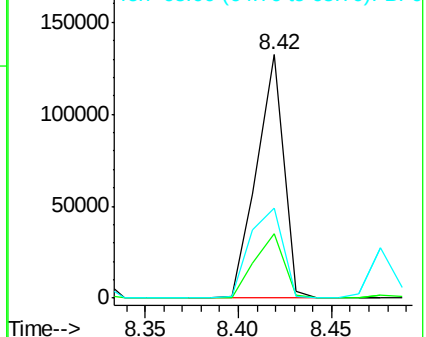
139 100

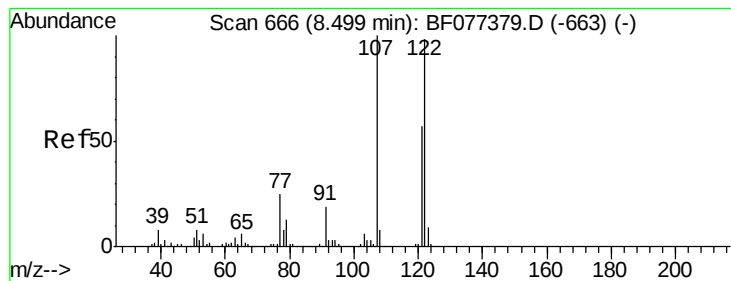
109 26.3 22.6 34.0

65 37.0 36.4 54.6



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: 38.23 ng

RT: 8.48 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

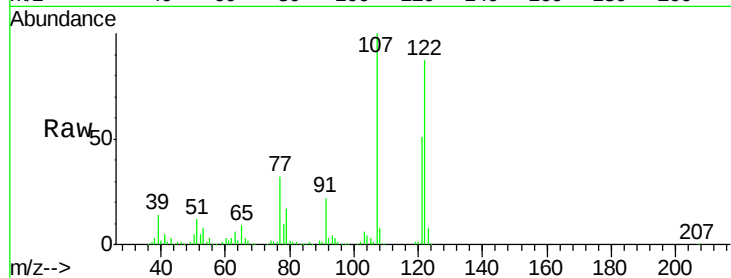
Tgt Ion:122 Resp: 265553

Ion Ratio Lower Upper

122 100

107 114.4 86.6 130.0

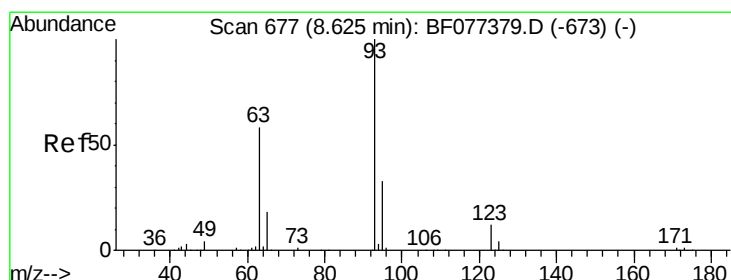
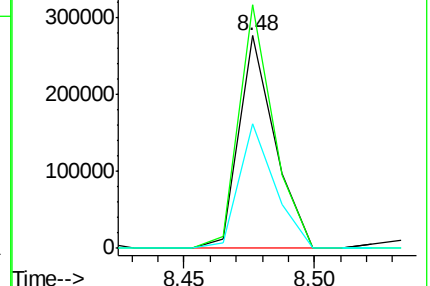
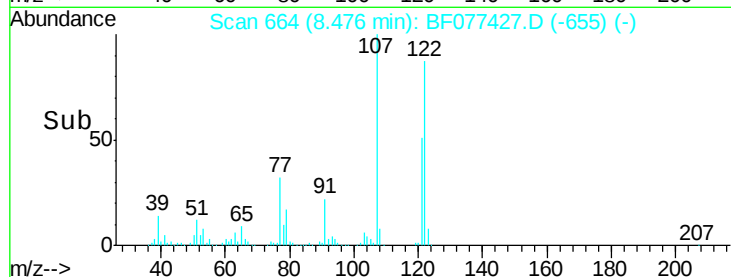
121 58.5 47.4 71.0



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: 39.48 ng

RT: 8.60 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

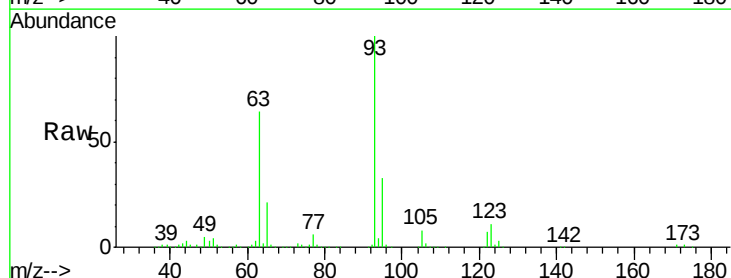
Tgt Ion: 93 Resp: 356279

Ion Ratio Lower Upper

93 100

95 32.7 26.4 39.6

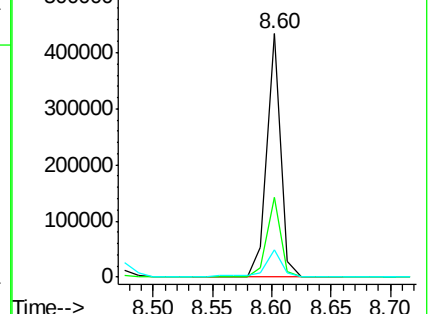
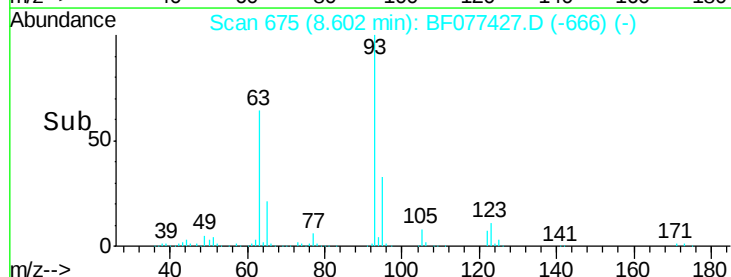
123 11.5 8.7 13.1

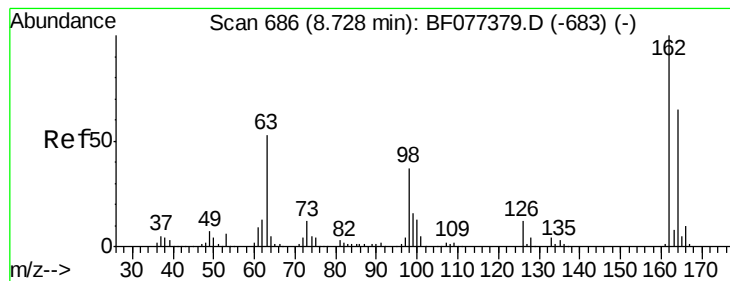


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.33 ng

RT: 8.72 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

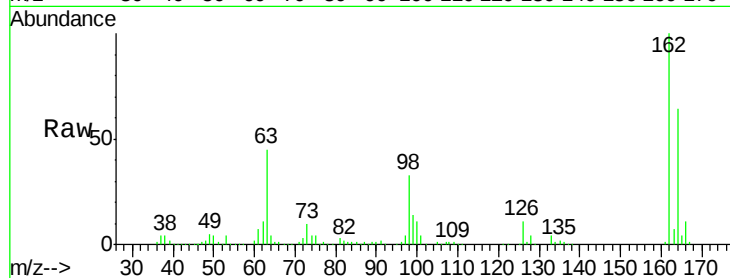
Tgt Ion:162 Resp: 282508

Ion Ratio Lower Upper

162 100

164 64.5 46.4 86.4

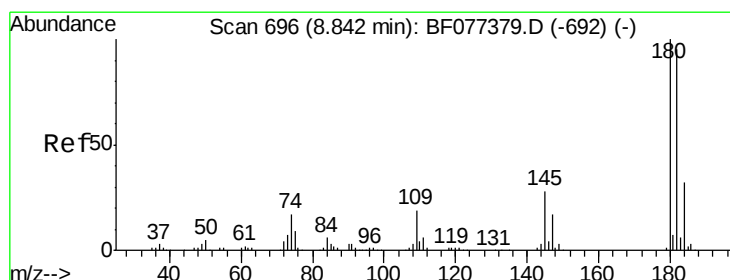
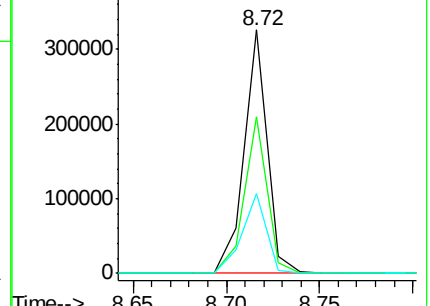
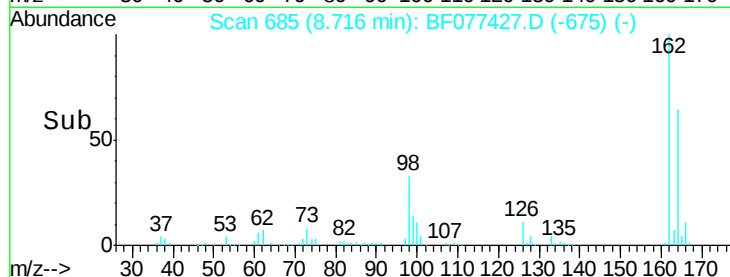
98 32.8 6.9 46.9



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: 40.73 ng

RT: 8.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

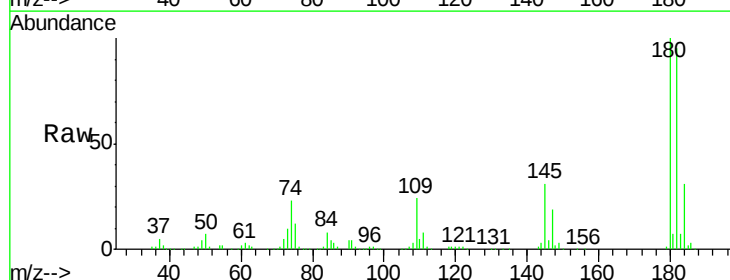
Tgt Ion:180 Resp: 291929

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

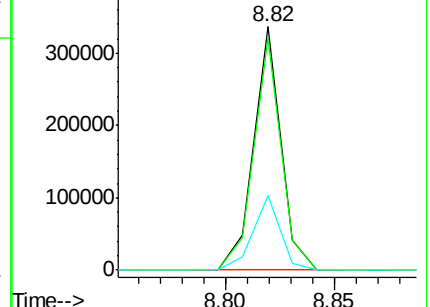
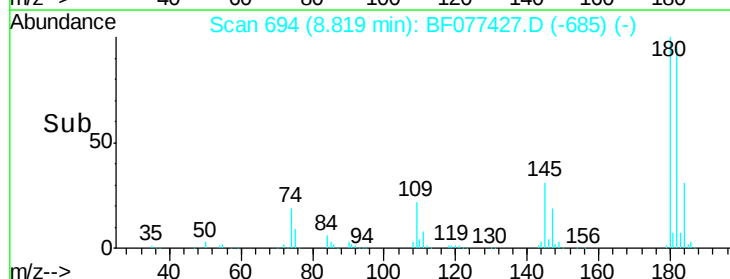
145 30.8 24.5 36.7

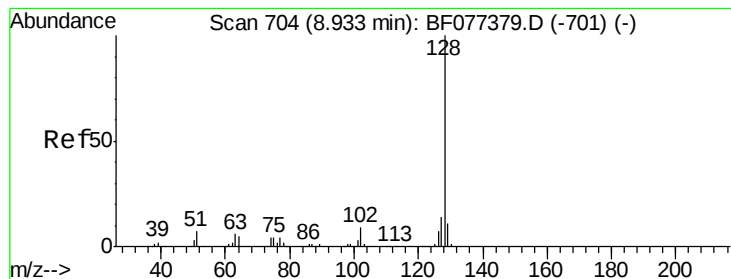


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.42 ng

RT: 8.91 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

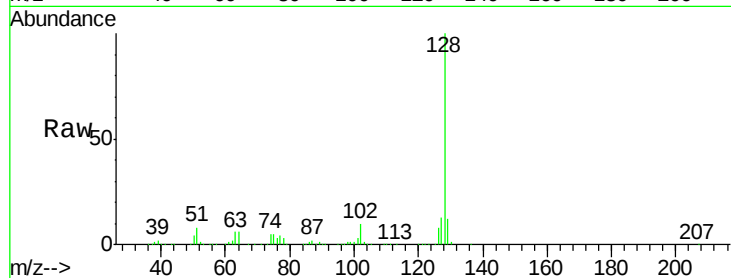
Tgt Ion:128 Resp: 882603

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.0

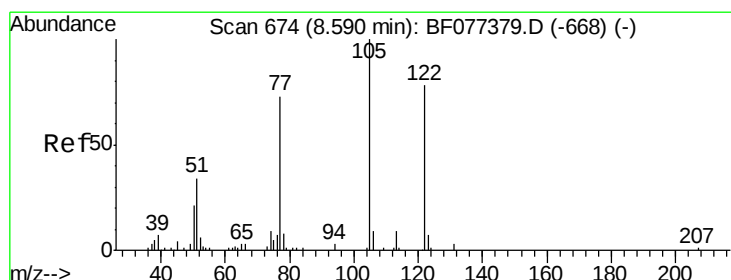
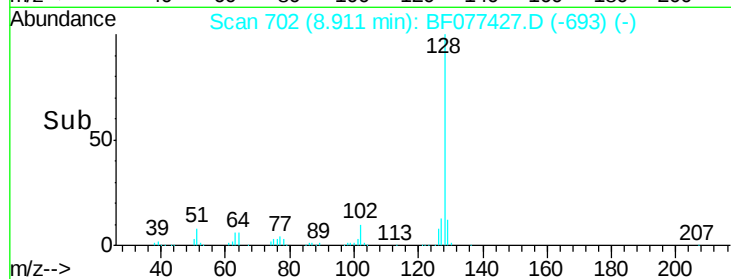
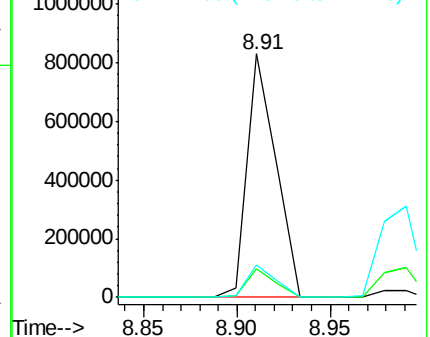
127 13.4 10.6 15.8



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: 51.18 ng

RT: 8.58 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

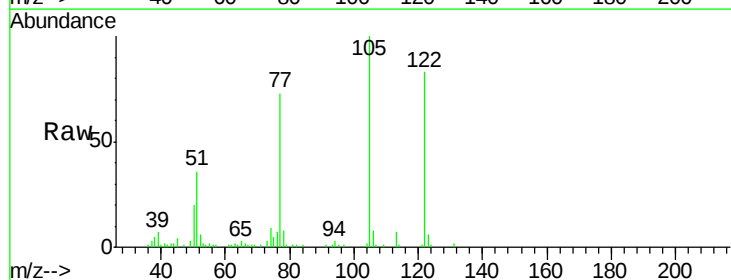
Tgt Ion:122 Resp: 172762

Ion Ratio Lower Upper

122 100

105 120.9 100.3 140.3

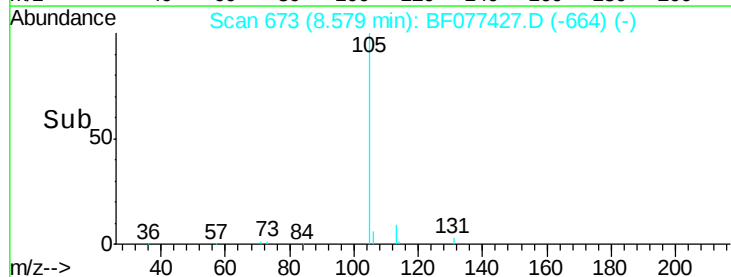
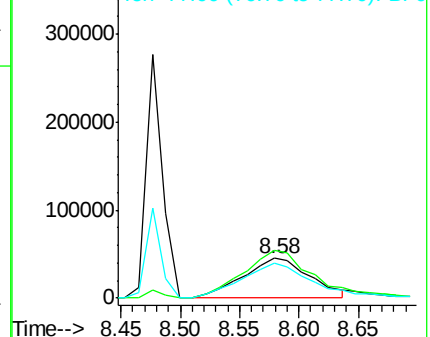
77 88.7 68.7 108.7

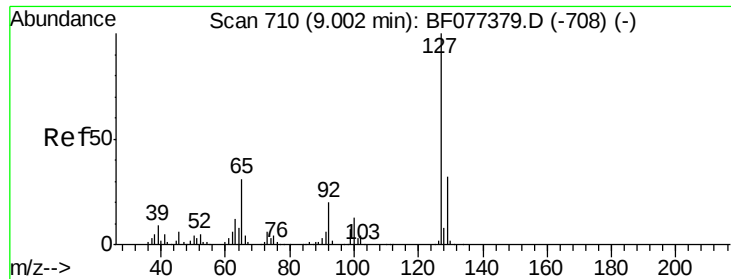


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

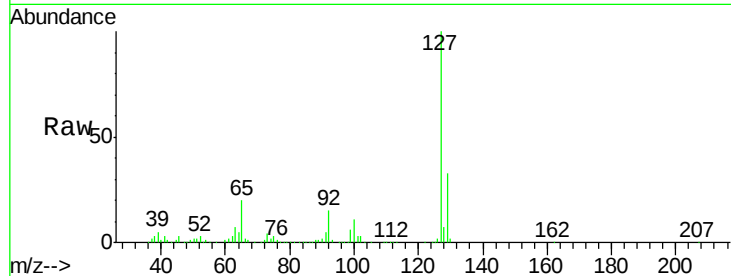




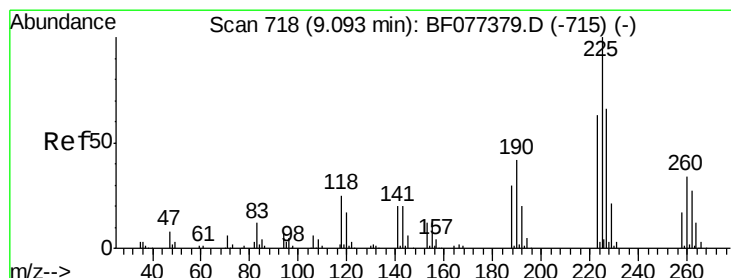
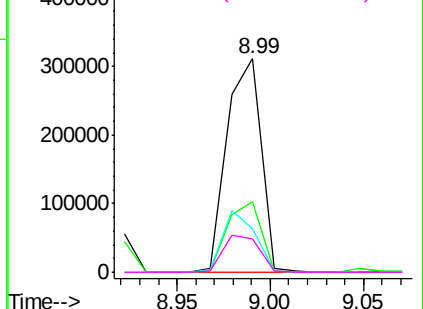
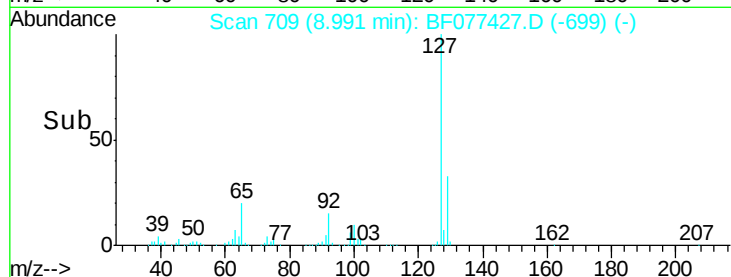
#33
4-Chloroaniline
Concen: 40.26 ng
RT: 8.99 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF077427.D
Acq: 24 Feb 2015 20:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	400784
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.9	40.3
65	20.3	16.7	25.1
92	15.4	12.5	18.7

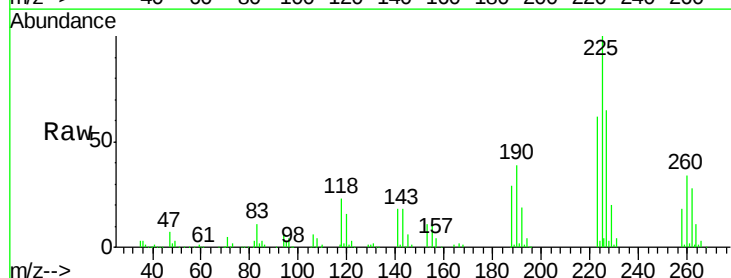


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

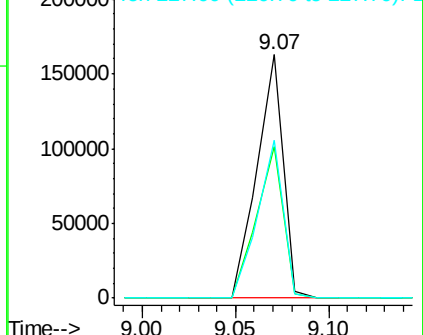
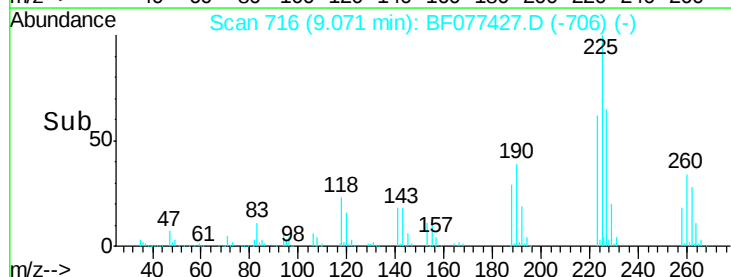


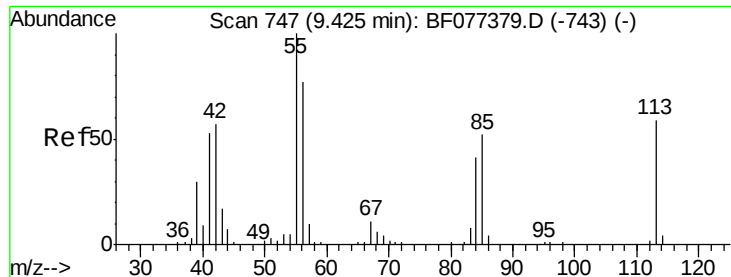
#34
Hexachlorobutadiene
Concen: 39.32 ng
RT: 9.07 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF077427.D
Acq: 24 Feb 2015 20:43

Tgt Ion:	225	Resp:	160901
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.5	74.3
227	64.8	50.5	75.7



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

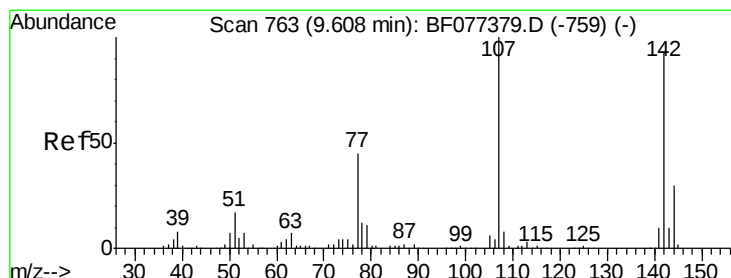
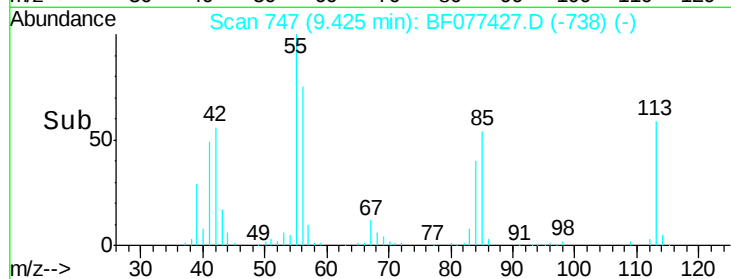
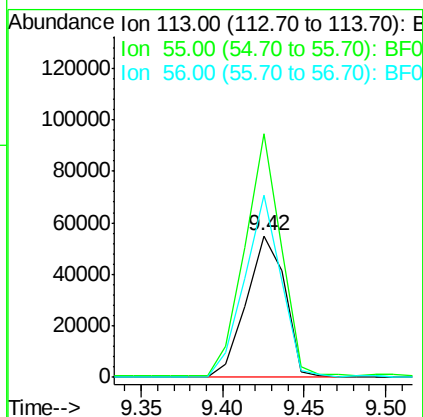
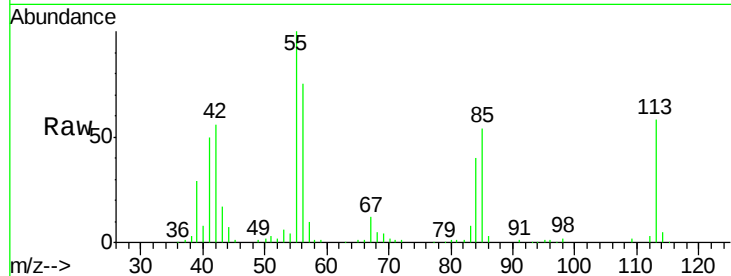




#35
 Caprolactam
 Concen: 45.19 ng
 RT: 9.42 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF077427.D
 Acq: 24 Feb 2015 20:43

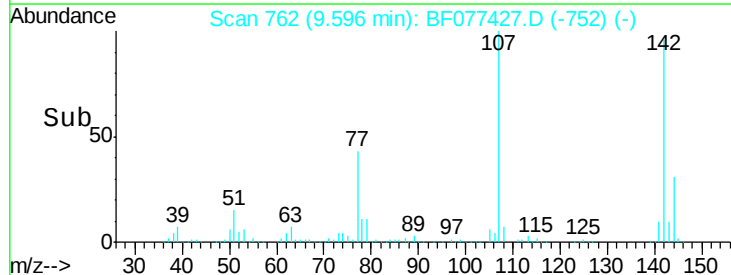
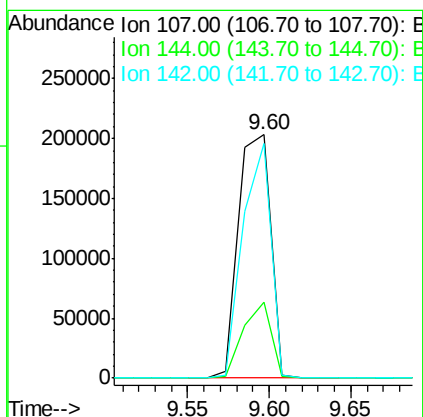
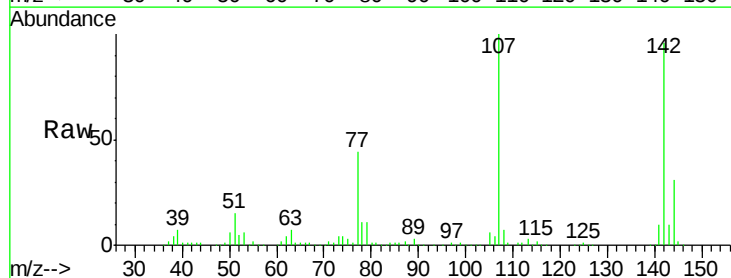
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

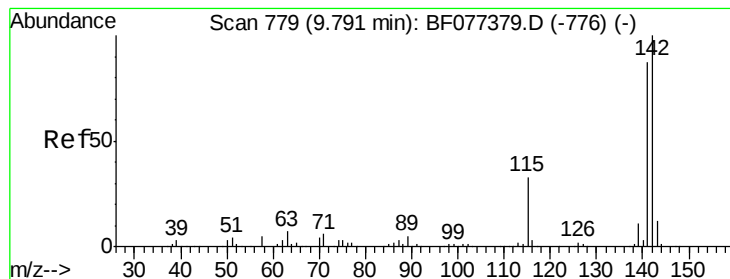
Tgt Ion:113 Resp: 89948
 Ion Ratio Lower Upper
 113 100
 55 171.8 154.6 194.6
 56 128.5 114.0 154.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.38 ng
 RT: 9.60 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: BF077427.D
 Acq: 24 Feb 2015 20:43

Tgt Ion:107 Resp: 277773
 Ion Ratio Lower Upper
 107 100
 144 31.0 21.1 31.7
 142 96.3 65.3 97.9





#37

2-Methylnaphthalene

Concen: 39.33 ng

RT: 9.77 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

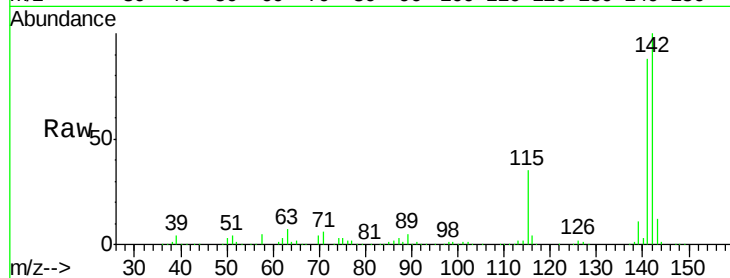
Tgt Ion:142 Resp: 625269

Ion Ratio Lower Upper

142 100

141 88.1 70.7 106.1

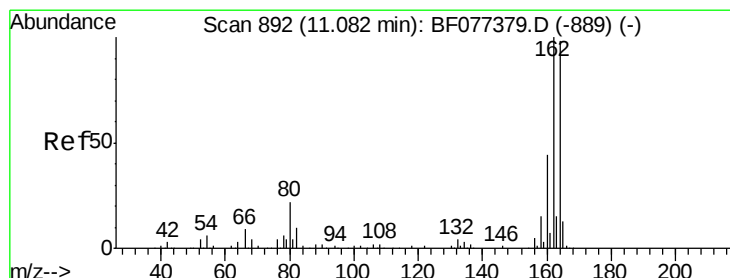
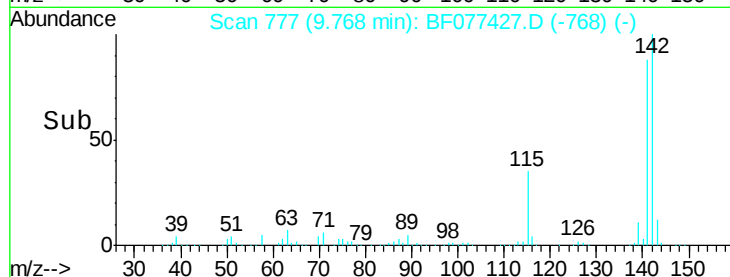
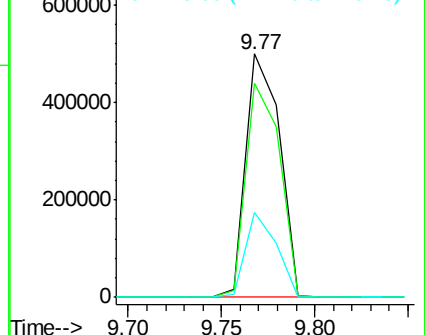
115 34.8 24.2 36.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.06 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF077427.D

Acq: 24 Feb 2015 20:43

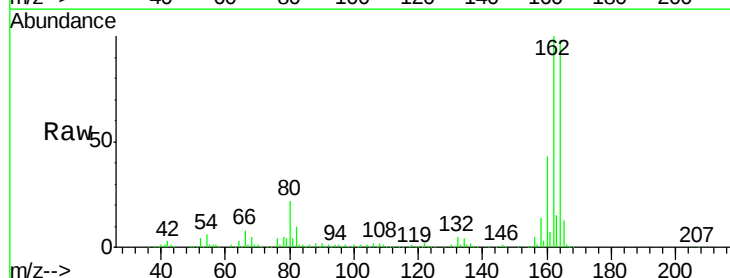
Tgt Ion:164 Resp: 249697

Ion Ratio Lower Upper

164 100

162 101.8 83.2 124.8

160 43.3 34.6 52.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

